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# NYSDEC BROWNFIELD CLEANUP PROGRAM REMEDIAL INVESTIGATION WORK PLAN

**41 NORTH 2<sup>ND</sup> STREET  
NYSDEC BCP SITE #C411022  
41 NORTH 2<sup>ND</sup> STREET  
CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK**

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Appendix D	Previous Site Assessment Information

## 1.0 INTRODUCTION

The 41 North 2nd Street Brownfield Cleanup Program site (the "BCP Site") is located at the northwest corner of North 2nd Street and State Street in the city of Hudson. The BCP Site is currently used for active recreational purposes and parking for residential apartments in the area (Figures 1 and 2).

The BCP Site is located across State Street from Bliss Towers apartments, and shares the same address (41 North 2nd Street) and the same tax parcel ID number (109.35-2-19). Therefore, the BCP Site has been designated as Tax ID No. 109.35-2-19, Parcel 1 by the executed Brownfield Cleanup Agreement. The owner may subdivide the overall tax parcel in the future at which time the BCP Site will be designated with its own separate tax parcel ID and physical street address. Appropriate notice and documentation will be presented to the New York State Department of Environmental Conservation (NYSDEC) in advance of any such subdivision.

The BCP Site re-development plan is part of a multi-property project at 41 North 2nd Street. The BCP Site is planned to have 102 units of affordable housing, totaling approximately 114,237 square feet, plus 62 surface parking spaces. The building on the BCP Site will be five stories tall and will include a community room, laundry rooms, computer room, indoor bicycle storage and office space.

The BCP Site was accepted into the NYSDEC Brownfield Cleanup Program (BCP) with BCP site number C411022. The Brownfield Cleanup Agreement (BCA) was executed on September 17, 2025. The Applicant was determined to have Volunteer status.

The purpose of this Remedial Investigation Work Plan (RIWP) is to fully characterize and delineate contamination at the BCP Site. An evaluation of Remedial Alternatives will be based upon data generated during the Remedial Investigation (RI).

## **2.0 BCP SITE HISTORY AND DESCRIPTION**

### **2.1 Site Description and Surrounding Land Use**

The BCP Site is located on the northwestern corner of North 2nd Street and State Street in the City of Hudson in a residential and commercial area.

The BCP Site shares the street address and tax parcel number with the Bliss Towers apartments building across State Street from the BCP Site. The BCP Site is currently used for active recreational purposes and parking for residential apartments in the area (Figures 1 and 2). The BCP Site is bordered to the north by 7 Dock Street (wholesale food warehouse) and 73-79 North Second Street (religious), to the east by 32-64 North Second Street (residential), 202-204 State Street (residential) and 201-205 State Street (religious), and to the south/west by 41 North 2<sup>nd</sup> Street (Bliss Towers - residential).

The BCP Site is currently zoned by the City of Hudson as “GC - General Commercial – 411 Apartment”. The proposed project area is adjacent to commercial and other residential properties. The BCP Site is improved with one (1) playground, one (1) basketball court, one (1) handball court, one (1) gazebo, one (1) maintenance garage, and paved parking areas. Remaining portions of the property are maintained grassy/vegetated areas. The BCP Site is currently used for recreational purposes and parking for the active apartments in the neighborhood, including Bliss Towers. The BCP Site is serviced by municipal water and sewer.

### **2.2 Topography, Geology, and Hydrogeology**

According to the New York State Museum, the surficial geology of the BCP Site consists of lacustrine silt and clay – generally laminated silt and clay, deposited in proglacial lakes, generally calcareous, potential land instability, variable thickness (up to 100 meters). These glacial and alluvial deposits overlie an unknown bedrock.

Soil borings completed by PVE Engineering (PVE) during a Phase II Environmental Site Assessment (ESA), Supplemental Phase II ESA, and Supplemental Soil Investigation (See Section IV.1) encountered groundwater in overburden soils at a depth approximately 12-feet below ground surface (bgs), according to the only one (1) occurrence of groundwater in SB-11. Refusal on presumed bedrock was not encountered in any of the soil borings. The direction of groundwater flow in unconsolidated sediments is inferred to be to the west/southwest, based on local topography and proximity to the Hudson River.

### **2.3 BCP Site History**

The BCP Site historically operated as a junk yard from 1949 – 1961, malt house with kiln from 1884-1903, and a slaughterhouse from 1949 – 1961. Possible sources of contamination are chemicals used in or byproducts from those operations/uses.

## **2.4 Previous Environmental Investigations**

Relevant reports are summarized below in chronological order. These reports are included in Appendix D.

### **2.4.1 Phase I Environmental Site Assessment, *SESI Consulting Engineers, August 2, 2023***

The environmental concern was outlined in this report was the BCP Site may have been utilized as a junkyard prior to 1965.

### **2.4.2 Phase II Environmental Site Assessment, *PVE, July 2, 2024***

A Phase II ESA consisting of soil, groundwater, soil vapor sampling, and laboratory analyses was conducted. The Phase II ESA identified semi-volatile organic compounds (SVOCs) and metals in soil samples at concentrations exceeding applicable State Standards and the intended use of the BCP Site. Selenium was detected in one (1) groundwater sample at a concentration exceeding applicable State Standards, a vapor encroachment condition (VEC) may exist at the BCP Site based on the concentrations of New York State Department of Health (NYSDOH) regulated compounds detected in soil vapor, and unconsolidated materials (below surface cover) throughout the BCP Site contained urban fill (glass, brick, coal fragments, wood, and coal ash).

### **2.4.3 Supplemental Phase II Environmental Site Assessment, *PVE, August 13, 2024***

A Supplemental Phase II ESA investigation consisting of soil sampling and laboratory analyses of soil was conducted. SVOCs and metals were detected in soil samples at concentrations suggesting the past site operation had adversely affected the subject property, and soil samples contained contaminants of concentrations exceeding the intended use criteria for soil.

## **2.5 Areas of Concern (AOC)**

As indicated in the previous Phase II ESA and Supplemental Phase II ESA, SVOCs and metals were detected at concentrations exceeding intended SCOs in soil samples at concentrations indicative of impacts from past site operations (use as a junkyard, malt house with kiln, and slaughterhouse). Historic fill is present throughout the BCP Site. Additionally, a VEC may exist at the BCP Site. The presence of soil vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not previously installed. NYSDOH regulated VOCs were detected at concentrations warranting further action(s).

### 3.0 PURPOSE

A Remedial Investigation is planned to fully characterize the BCP Site, assist in the selection and design of site remediation, and support planned affordable housing development in accordance with the requirements of the BCP, 6NYCRR Part 375, and DER-10. Specific tasks include the following:

- Geophysical survey to identify the location of buried infrastructure, utilities, and estimate the depth-to-bedrock;
- Soil borings for collection and analysis of soil samples;
- Installation of groundwater monitoring wells in overburden for collection and analysis of groundwater samples;
  - Groundwater monitoring wells will be surveyed by a New York State-Licensed Surveyor in order to generate a groundwater contour map and determine direction of groundwater flow; and
- Installation of soil vapor probes for collection and analysis of soil vapor samples.

Based on the historical use of the BCP Site and consideration of previous data, PVEDI has developed a scope of work to investigate surface and subsurface conditions. This Work Plan details specific tasks that will facilitate BCP Site investigation and ensure compliance with the NYSDEC BCP requirements. Specifically, the findings of the remedial investigation will be used to:

- Describe the amount, concentration, persistence, mobility, form (e.g., solid, liquid), and other significant characteristics of the contamination present (nature of contamination).
- Define hydrogeological factors (e.g., depth to saturated zone, hydrologic gradients [if practical], proximity to a drinking water aquifer).
- Define the lateral and vertical extent of fill material and characterize the chemical composition of the fill.
- Delineate lateral and vertical extent of site-related contaminants.
- Define the extent to which the contaminants of concern have potential to migrate, and whether potential future migration may pose a threat to human health or the environment.
- Determine the extent to which contaminant levels pose an unacceptable risk to public health and the environment.
- Provide sufficient information to allow for the identification of potentially feasible remedial alternatives.
- Develop Remedial Action Objectives (RAOs) for the BCP Site based on the contaminant characterization results, exposure pathways, and risk evaluation data. Based on our knowledge of potential Site issues, the RAOs for the BCP Site may require implementation of remedial actions designed to remove or cover impacted soil/fill material.

### **3.1 Conceptual Site Model**

Based on historical information, the BCP Site historically operated as a junk yard from 1949 – 1961, malt house with kiln from 1884-1903, and a slaughterhouse from 1949 – 1961. Activities conducted at the junkyard may have generated waste which contained SVOCs and heavy metals that resulted in the contamination of soil vapor and soils.

Soil borings completed by PVE during a Phase II ESA and Supplemental Phase II ESA encountered a limited occurrence of groundwater in overburden soils at a depth approximately 12-feet below ground surface (bgs). The direction of groundwater flow in unconsolidated sediments is inferred to be to the west, based on local topography and proximity to the Hudson River.

## 4.0 REMEDIAL INVESTIGATION SCOPE OF WORK

Remedial Investigation sampling will focus on delineating the full nature and extent of contaminants present to properly select and design future remedial alternatives. The Remedial Investigation Scope is presented to provide sufficient detail to develop data to satisfy overall project objectives, but flexibility to adjust for field conditions and observations.

The Sample Summary Table 1 of the Quality Assurance Project Plan (QAPP) in Appendix A describes the laboratory analyses and laboratory method planned for each sample, and the rationale for collecting each sample.

All RI field work will be conducted in accordance with the QAPP, provided in Appendix A, and the Health and Safety Plan (HASP), provided in Appendix B. Community air monitoring will be conducted in accordance with the Appendix 1A of DER-10.

### 4.1 Mobilization and Utilities Investigation

Seven (7) days prior to initiating any field activities, PVEDI will notify NYSDEC and NYSDOH personnel of the anticipated field schedule. A schedule of work is presented in Section 11.0.

A geophysical survey will be performed prior to drilling and installation of soil borings and monitoring wells. The geophysical survey will employ ground-penetrating radar (GPR) and magnetic/electromagnetic equipment to locate anomalies that could be representative of buried infrastructure, such as fuel storage tanks, sewer lines, drain pipes, utilities, and conduits that could provide potential pathways for contaminants, or obstructions to be avoided during drilling.

### 4.2 Soil Borings

Thirteen (13) soil borings are proposed across the BCP Site to determine stratigraphy and collect soil samples for laboratory analysis (See Figure 3). In general, soil borings will be advanced using a direct push track-mounted Geoprobe™ drill rig equipped with 5-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Where rig access is not possible/feasible, two (2) of the twelve (12) total soil borings will be installed with hand tools along the steep northern slope/bank of the property to a maximum depth of 4-feet bgs. Geoprobe installed soil borings will be sampled continuously from ground surface to a maximum depth of 20-feet bgs. At each location, field personnel will screen soil samples for VOCs using a photoionization detector (PID), and headspace techniques. The project geologist will keep a detailed log of each core: lithology, grain size, stratigraphic changes, color, and occurrence of groundwater will be recorded. Observations will be made describing the presence of potential contamination in the soil samples based on odor, visual observations, or PID readings.

Three (3) to four (4) discrete/grab soil samples will be collected from each soil boring or surface soil sample. Soil will be collected from surface (0-2-inches), shallow intervals (2-12-inches & 12-24-inches), and a fourth interval selected for laboratory analysis will be determined based on information generated during previous investigations, field observations including visual and olfactory indications of contamination as well as direct instrument readings and the soil/groundwater interface zone. Soil samples will be screened for VOCs using a PID. Each discrete/grab soil sample interval will be transferred into laboratory provided container. See Appendix A for more information related to sampling procedures and approved sample containers.

Soil samples will be analyzed for some or all of the following parameters, as specified in Table 1 of the QAPP in Appendix A:

- All soil borings will be analyzed for the following:
  - TCL VOCs by USEPA Method 8260C ;
  - TCL SVOCs by USEPA Method 8270D;
  - Target Analyte List (TAL) Metals by USEPA Method 6010C & 7471;
    - Including cyanide and hexavalent chromium.
  - TCL PCBs by USEPA Method 8082A;
  - TCL Pesticides by USEPA Method 8081B; and
  - TCL Herbicides by USEPA Method 8051A.
- Soil samples from soil borings SB-38, SB-42, SB-44, and SB-46 will include additional analysis of the following:
  - 1,4-Dioxane by USEPA Method 8270D SIM; and
  - PFAS by USEPA Method 1633A.

Samples to be analyzed for PFAS will be collected in accordance with NYSDEC Guidelines for Sampling, Analysis, and Assessment of PFAS, dated April 2023.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Analytical Services Protocol (ASP) Category B deliverables. Field duplicates and matrix spike/matrix spike duplicates (MS/MSD) will be collected for quality control/quality assurance (QA/QC) purposes and analyzed for sample parameters described above, in accordance with Table 1 of the QAPP in Appendix A. In addition, aqueous equipment field blanks will be collected in the field and laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only). QA/QC blanks and duplicates will be completed at a frequency of one sample for every 20 field-samples, as required in DER-10. QA/QC blanks and duplicates are included in Table 1 of the QAPP in Appendix A.

Upon completion of drilling, each boring will be filled to within 12-inches of ground surface with a cement/bentonite grout mixture. Boreholes will be completed with Quickrete to top of groundwater interface and clean sand, as necessary. All borings will be patched with a bentonite seal near grade. All drill cuttings will be properly stored in steel 55-gallon drums and securely positioned on the BCP Site for characterization and disposal.

### 4.3 Soil Vapor

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, February 2024.

A total of five (5) soil vapor samples are to be collected throughout the BCP Site. Soil vapor implants are proposed to be installed to a depth of 5-feet bgs via track-mounted Geoprobe™ drill rig. A 6-inch stainless-steel Geoprobe™ vapor point will be installed to the bottom of each borehole and connected to the surface via polyethylene tubing. The annular space surrounding the stainless-steel implant from 5-feet below ground surface to 2-feet below ground surface will be backfilled with clean sand. The remaining annular space will be backfilled with bentonite chips, and subsequently hydrated.

A helium-vapor test will be conducted to demonstrate a proper seal around the sampling port and confirm sample integrity. Prior to sample collection, the sample port will be purged of one to three volumes at a rate not to exceed 0.2 L/min. The vapor samples will be collected in laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Prior to soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the sample port at a flow rate not to exceed 0.2 L/minute.

Vapor sample canisters will be submitted to a NYSDOH ELAP-certified laboratory for analysis for VOCs via USEPA Method TO-15. No indoor air samples are proposed during this investigation as no inhabitable indoor space currently exists on the BCP Site.

### 4.4 Monitoring Wells

Based on the previous investigation completed at the BCP Site, groundwater was encountered at 12.0 feet bgs at the time of drilling (ATD) in only one (1) soil boring (SB-11). Up to four (4) monitoring wells will be installed, to a maximum depth of 30-feet bgs, in overburden soils with hollow-stem augers (HSA) through the use of a Geoprobe™ or conventional drilling rig. Monitoring wells will be constructed of 2-inch Schedule 40 PVC with a 0.020-inch slotted screen and solid riser. The borehole annulus of the wells will be filled with silica sand to a height of 2-feet above the top of the screen to form a filter pack. Bentonite will be placed above the filter pack to form a 2-foot seal. The remainder of the borehole annulus will be filled with a bentonite seal. All drill cuttings will be properly stored in steel 55-gallon drums and securely positioned on the BCP Site for characterization and disposal. Wells will be finished at the surface with either flush-to-grade curb boxes or appropriately sized steel standpipe with locking cap set in concrete, depending on the location.

Each monitoring well will be developed to remove fine-grained soil from the well and filter pack using a surge block. Groundwater samples will be collected using low-flow (minimal-drawdown) sampling techniques, with dedicated tubing. Prior to sample collection, depth to groundwater will be measured to the nearest 0.01-foot and recorded

for each well. The wells will be purged until temperature, pH, oxygen reduction potential (ORP), turbidity, dissolved oxygen (DO) and conductivity have stabilized.

The top-of-casing elevation will be surveyed to the nearest 0.01 foot by a NYS professional licensed surveyor (PLS). Depth-to-water measurements recorded prior to sample collection will be used to calculate groundwater gradients and develop a groundwater contour map.

Groundwater monitoring wells will be installed in 1-2 days of field work. Well development will take place on the same day as installation. Sampling of the monitoring wells will take place no earlier than 24 hours after development.

Groundwater samples will be analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471B;
  - Including cyanide and hexavalent chromium;
  - Field filtered and totals;
- TCL PCBs by USEPA Method 8082;
- TCL Pesticides by USEPA Method 8081;
- TCL Herbicides by USEPA Method 8051A;
- 1,4-Dioxane by USEPA Method 8270D SIM; and
- PFAS by USEPA Method 1633A.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Category B deliverables for the analyses listed above. Aqueous equipment field blanks will be collected for QA/QC purposes and analyzed for all sample parameters in accordance with Table 1 of the QAPP in Appendix A. Laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only).

A second round of groundwater sampling will occur approximately 3 months after the first round, with the analyte list for the second round possibly reduced to the significant detections found in the first round of sampling, as approved by the NYSDEC Project Manager.

#### **4.5 Hazardous Building Materials**

The volunteer will cause surveys of the on-site garage building materials for the presence of Lead Based Paint (LBP) and asbestos containing materials (ACM) to determine the presence and amount thereof which may impact the ability to adequately investigate and/or remediate the BCP Site. Any damaged/loose friable ACM identified during surveys presenting immediate risks to on-site personnel will require abatement prior to investigation of interior spaces. Such abatement will be conducted in accordance with NYS DOL Industrial Code Rule 56. Other identified LBP and ACM will be properly abated

during Remedial Action (RA) of the property and will be further discussed in the forthcoming Remedial Action Work Plan (RAWP).

#### **4.6 Investigation-Derived Waste Management**

Investigation-derived wastes (IDW) (soil cuttings, decontamination wastewater and groundwater) will be drummed, containerized, and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE), sampling supplies and disposables will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

In any instance during the performance of this RI, all IDW will be managed in accordance with procedures and methods outlined in DER-10 section 3.3e and in compliance with applicable regulations in 6NYCRR Part 360 Series and Part 370 Series.

#### **4.7 Data Review**

All samples undergoing laboratory analysis will be subject to a third-party data review process in accordance with the QAPP, to ensure the usability of the data collected. Data usability summary reports (DUSRs) documenting any issues with QA/QC will be prepared and included in the RI Report.

## 5.0 FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

The purpose of the FWRIA Part 1 is to identify actual or potential impacts to fish and wildlife resources from site contaminants of ecological concern. The FWRIA Part I concluded that the BCP Site has no appreciable habitat issues. The past uses as a junkyard, malt house with kiln and slaughterhouse have resulted in the discharge of contaminants into the soil. Contaminants within the shallow soil (0-3 feet below ground surface) may affect fauna through direct contact (i.e., earth worms, insects, or small mammals burrowing in contaminated soil onsite) and/or sediment transport in surface water runoff. However, no clear aquatic receptors were identified since the nearest water body is approximately 0.4-mile away. Although groundwater at the BCP site was impacted, faunal exposure to groundwater is considered negligible due to depth of groundwater and distance to nearest groundwater discharge point. No aquatic resources are located on the BCP site. Redevelopment of the property may be able to provide some future wildlife habitat by utilizing softscape areas with plant selections that will provide food, habitat and shelter.

The FWRIA Part 1 report will be included in the RI report for review and approval from the NYSDEC Fish and Wildlife division.

## **6.0 PREVIOUSLY UNDISCOVERED CONDITIONS**

Soil borings, groundwater wells, soil vapor points, and subsequent sampling in this RIWP are anticipated to identify and delineate contaminants to facilitate proper evaluation and design of remedial alternatives for the BCP Site. If additional RI tasks are needed then there will be addenda to the RIWP and carried out in accordance with the procedures contained herein, unless a more comprehensive Supplemental Remedial Investigation Work Plan and/or modifications to the procedures are deemed necessary by the NYSDEC Project Manager.

## 7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A qualitative human health exposure assessment will be conducted, consistent with the obligation of a Volunteer in the BCP, to determine if the presence and concentrations of chemicals in the environmental media at the BCP Site pose potential human health concerns. The assessment will encompass both on-Site and potential for off-Site risks with the results of the exposure analysis used as one of the criteria to determine the most appropriate future actions at the BCP Site. Proposed “actions” may include “no further action”, additional data collection, and/or quantitative health risk assessment and the establishment of action levels. The assessment will begin with the construction of a conceptual Site model, a graphic illustration that outlines chemical source areas, possible chemical release mechanisms, environmental media that currently show or may show in the future the presence of chemicals, possible exposure pathways, possible points of exposure for human receptors, possible exposure routes, and possible human receptors. The conceptual model will be based on current BCP Site conditions and surrounding land use as well as the planned future BCP Site and surrounding land uses.

Qualitative evaluations will be made for the four (4) components that typically comprise a health risk assessment: data evaluation; exposure assessment; toxicity assessment; and risk characterization/uncertainty analysis. In the data evaluation, chemical concentrations in the various media will be compared to appropriate NYSDEC standards and criteria (e.g., NYSDEC Soil Cleanup Objective and Cleanup Levels, Water Quality Standards, etc.). Chemicals detected at concentrations greater than these standards and criteria will be identified as contaminants of potential concern. In the exposure assessment, an evaluation will be made of the likelihood and magnitude of exposure to the contaminants of potential concern in environmental media of concern. This will involve outlining possible exposure routes and plausible exposure times, frequencies, and durations. In the toxicity assessment, the toxicity of the contaminants of concern will be outlined. This will include identifying known or suspected carcinogens and/or the target organ/system of concern for noncarcinogenic effects. In the risk characterization, information from the three components will be integrated, to estimate the likelihood and magnitude of possible health risks.

## **8.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)**

See Appendix A – Quality Assurance Project Plan for additional details.

### **8.1 Analytical Methods**

All samples collected during the BCP RI will be analyzed using EPA-approved analytical methods. See the attached QAPP for further detail (Appendix A).

### **8.2 Laboratory**

The subcontracted laboratory will be certified by the New York State Department of Health to perform Contract Laboratory Program (CLP) analysis on all media to be sampled during this investigation. The laboratory will perform the sample analysis in accordance with the most recent NYSDEC ASP.

### **8.3 Data Submittal**

Analytical data will be submitted in complete ASP Category B data packs. Procedures for chain of custody, laboratory instrumentation calibration, laboratory analyses, reporting of data, internal quality control, and corrective actions shall be followed as per SW-846 and as per the laboratory's Quality Assurance Plan. Where appropriate, trip blanks, field blanks, field duplicates, and matrix spike, matrix spike duplicate shall be performed at a rate of 5% and will be used to assess the quality of the data. The laboratory's in-house QA/QC limits will be utilized whenever they are more stringent than those suggested by the EPA methods.

### **8.4 Data Usability Summary Report**

The data package will be sent to a qualified, independent, data validation specialist for evaluation of the accuracy and precision of the analytical results. A DUSR will be prepared for the RI data sets to describe the compliance of the analyses with the analytical method protocols detailed in the NYSDEC ASP. The DUSR will provide a determination of whether the data meets the project-specific criteria for data quality and data use. The validation effort will be completed in accordance with NYSDEC Division of Environmental Remediation DUSR guidelines.

## 9.0 HEALTH AND SAFETY

Field tasks will be performed using industry standard health and safety procedures. A site-specific HASP has been prepared for use by the field team during all field activities. This plan details known and potential hazards of the BCP Site and field tasks as well as air monitoring and emergency procedures. The HASP is presented in Appendix B.

Fact sheets documenting the goals and progress of the project will be prepared at key milestones of the project and distributed to those on the project mailing list in accordance with the NYSDEC-approved Citizen Participation Plan (CPP).

### 9.1 Community Air Monitoring

Where ground intrusive operations are planned, community air monitoring will be performed to protect the downwind community. This Community Air Monitoring Plan (CAMP) data will be submitted to the NYSDEC and NYSDOH on a weekly basis. A PVEDI representative will continually monitor the breathing zone in the vicinity of the immediate work area using PID instrumentation capable of measuring total volatile organic compounds in air at concentrations as low as 1 part per million (PPM). The air in the work zone also will be continually monitored for dust generation using a pDR 1500 hand-held meter or comparable model. Additionally, one (1) upwind and one (1) downwind station, consisting of one (1) PID and one (1) DustTrak respectively, will operate continuously during all ground intrusive work with extra care exercised when sampling near adjacent residential properties. Within one (1) business day of any CAMP exceedances detected during monitoring, the NYSDEC and NYSDOH will be notified of actions planned or taken in response to these exceedances. If VOC measurements are detected at 5 ppm above the background for the 15-minute average, or if dust generation is observed at 100 micrograms per cubic meter greater than at background (upwind perimeter) locations, then the intrusive work will be temporarily halted, dust suppression techniques will be implemented and more rigorous monitoring of VOCs and dust will be conducted in accordance with the NYSDOH Generic CAMP. A copy of the CAMP is provided in Appendix C.

Contaminants	Action level	Actions
<b>Organic Vapor</b>		Measure and record the upwind background concentration.
	Reading <b>less than 10 ppm</b> above background for a sustained period of 15 minutes in WBZ.	Continue work in Level D protection.
	Reading <b>greater than 10 ppm</b> above background for a sustained period of 15 minutes in the WBZ	Discontinue work, allow work area to ventilate, collect additional PID readings. If concentrations remain greater than 10 ppm, work can resume in Level C protection with respiratory protection equipped with organic vapor cartridges.
	Readings <b>greater than 100 ppm</b> above background for a sustained period of 15 minutes in the WBZ.	Discontinue work, allow work area to ventilate, collect additional PID readings until concentrations are below 100 ppm before work can resume.
<b>Dusts</b>		Measure and record the upwind background concentration.
	Reading <b>less than 100 mg/m<sup>3</sup></b> or above background for a sustained period of 15 minutes in the WBZ.	Continue work in level D protection.
	Reading <b>greater than 100 mg/m<sup>3</sup></b> or above background for a sustained period of 15 minutes in the WBZ	Discontinue work. Employ dust suppression using a water spray, collect additional airborne dust measurements. If concentrations remain greater than 100 mg/m <sup>3</sup> , work can resume in Level C protection with respiratory protection equipped with P-100 cartridges.

## 10.0 GREEN AND SUSTAINABLE REMEDIATION TECHNIQUES AND PROCEDURES

Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy; Conserving and efficiently managing resources and materials; Reducing waste, increasing recycling, and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the development at the BCP site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA). Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial program, as appropriate.

During the RI, Green and Sustainable procedures will be utilized as much as possible, to include efficient field work to limit trips to the BCP Site, consideration of local drillers and disposal contractors for IDW, and reducing idling time of equipment and vehicles to the extent feasible. Groundwater monitoring wells will be developed with surge blocks in lieu of pumps to minimize energy consumed and generation of IDW thus eliminating associated transportation of IDW.

## **11.0 REPORTING**

### **11.1 Remedial Investigation Report**

Upon completion of field activities and receipt of laboratory results, PVEDI will prepare a Remedial Investigation Report (RIR) that will summarize the findings and compare the analytical results to appropriate NYSDEC and NYSDOH standards, objectives and guidelines in conformance with 6NYCRR Part 375 requirements and DER-10 guidance. The data will be summarized in tables and figures, and sample locations will be depicted on sample location maps with corresponding sample numbers and depths.

The report will include ASP Category B laboratory data packages for all samples (Phase II ESA, Supplemental Phase II ESA and RI), soil boring logs, cross-sections, well construction diagrams, well development and purge logs, sample location maps, and groundwater contour maps derived from depth to water measurements. Data usability summary reports documenting any issues with QA/QC will be prepared and included in the RIR. Electronic data deliverables will be submitted to the NYSDEC EQulS database.

The findings and conclusions of the RIR will form the basis for developing an Alternatives Analysis Report and a Remedial Action Work Plan (RAWP).

## 12.0 SCHEDULE

We anticipate implementation of this Remedial Investigation Work Plan to be conducted according to the following approximate schedule (pending Department-approval and satisfaction of required public comment periods):

<b>Remedial Investigation</b>	<b>Estimated Start</b>	<b>Estimated Completion</b>
Mobilization	March 2026	March 2026
Soil Borings	March 2026	March 2026
Soil Vapor Probes	March 2026	March 2026
Monitoring Well Installation	March 2026	March 2026
Monitoring Well Development/Sampling	March 2026	March 2026
Preliminary Data Evaluation	July 2026	July 2026
Final Data Review/Develop DUSR	September 2026	September 2026
Remedial Investigation Report	December 2026	December 2026

### 13.0 CERTIFICATION

I, Conor Tarbell., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation 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).

\_\_\_\_\_  
Conor Tarbell, QEP

\_\_\_\_\_  
Date

## 14.0 REFERENCES

DER-10 / Technical Guidance for Site Investigation and Remediation, DEC Program Policy; Issued May 3, 2010.

DER-23 / Citizen Participation Handbook for Remedial Programs, DEC Program Policy; Issued January 21, 2010.

Brownfield Cleanup Program Guide; Issued May 2004.

NYSDEC's DER-31 Green Remediation; Issued August 11, 2010, Revised January 20, 2011.

Commissioners Policy 51 (CP-51) on Soil Cleanup Guidance; Issued October 21, 2010.

6 NYCRR Part 375 Environmental Remediation Programs; Guidelines for Sampling and Analysis of PFAS; issued November 2022.

6 NYCRR Part 375 Environmental Remediation Programs; Effective December 14, 2006.

New York State Department of Health Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes in New York State, 1997-2003.

New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York; Issued October 2006 & subsequent amendments from 2024.

New York Division of Water Technical and Operations Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

New York State Department of Environmental Conservation, Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Program, April 2023.

APPENDIX A  
QAPP

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# NYSDEC BROWNFIELD CLEANUP PROGRAM QUALITY ASSURANCE PROJECT PLAN

**41 NORTH 2<sup>nd</sup> STREET  
NYSDEC SITE #C411022  
41 NORTH 2<sup>ND</sup> STREET  
CITY OF HUDSON  
COLUMBIA COUNTY, NEW YORK 12534**

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**PREPARED FOR:**

41 North 2<sup>nd</sup> I LLC  
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**PREPARED BY:**



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October 2025  
Revised January 2026  
PVEDI File #20240218

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## **TABLES**

Table 1 – Laboratory Analytical Methods for Field Samples

## **FIGURES**

Figure 1 – Proposed Sample Locations Maps

## **ATTACHMENTS**

Attachment A - Resumes for Project Team

## **1.0 INTRODUCTION**

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during implementation of Remedial Investigation (RI) at 41 North 2<sup>nd</sup> Street, City of Hudson, Columbia County, New York. The objective of the QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling and remedial activities conducted at the Site by PVEDI. Adherence to the QAPP will ensure that defensible data will be obtained during the investigation and remediation.

If any changes are made to the QAPP, these changes will be submitted to the appropriate parties and referenced in all reports.

## **2.0 PROJECT TEAM**

The project team will be drawn from PVEDI professional and technical personnel and PVEDI's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. The following sections describe the key project personnel and their responsibilities.

### **2.1 PROJECT DIRECTOR**

The project director will be responsible for the general oversight of all aspects of the project, including scheduling, budgeting, data management, and decision-making regarding the field program. The project director will communicate regularly with all members of the PVEDI project team and the New York State Department of Environmental Conservation (NYSDEC) to ensure a smooth flow of information between involved parties. Conor Tarbell will serve as the project director for the RA; his resume is included in Attachment A.

### **2.2 ASSISTANT PROJECT MANAGER**

The Assistant Project Manager will be responsible for directing and coordinating all elements of fieldwork. They will prepare reports and participate in meetings with the Site owner and/or the NYSDEC. Samuel Ambrose will serve as the Assistant Project Manager.

### **2.3 PROJECT PROFESSIONAL ENGINEER**

The Project Professional Engineer (P.E.) will be responsible for reviewing and certifying all elements of fieldwork. They will prepare reports, As-Build drawings, and participate in meetings with the Site owner and/or the NYSDEC. Erik Draijer (P.E. License #110938) will serve as the Project Professional Engineer.

## **2.4 FIELD TEAM LEADER**

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the HASP. This person(s) will report to the Assistant Project Manager on a regular basis regarding daily progress and any deviations from approved plans. The field team leader will be a qualified, responsible person, able to act professionally and promptly during soil disturbing activities. Other PVEDI staff, as assigned will be field team leaders for fieldwork.

## **2.5 PROJECT QUALITY ASSURANCE/QUALITY CONTROL OFFICER**

The Quality Assurance/Quality Control (QA/QC) Officer will be responsible for adherence to the QAPP. They will review the procedures with all personnel prior to commencing any fieldwork and will assess implementation of the required procedures. John Conrad will serve as the QA/QC officer.

## **2.6 LABORATORY QUALITY ASSURANCE/QUALITY CONTROL OFFICER**

The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. He/she will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued. He/she will conduct a final check on the analytical calculations and sign off on the laboratory reports. The laboratory QA/QC officer will be determined upon selection of a contract laboratory(s) for the work.

## **2.7 QUALITY ASSURANCE OBJECTIVES FOR MEASUREMENT DATA**

The overall objectives and criteria for assuring quality for this effort are discussed below. This QAPP addresses how the acquisition and handling of samples and the review and reporting of data will be documented. The objectives of this QAPP are to address the following:

- The procedures to be used to collect, preserve, package, and transport soil, groundwater, and soil vapor samples
- Field data collection
- Record keeping
- Data management
- Chain-of-custody procedures
- Precision, accuracy, completeness, representativeness, decision rules, comparability, and level of quality control effort conformance for sample analysis and data management by the laboratory under EPA analytical met.

## 3.0 STANDARD OPERATING PROCEDURES

The following sections describe the standard operating procedures (SOPs) for the investigative activities. During operations, safety monitoring will be performed as described in the project Health and Safety Plan (HASP) and all field personnel will wear appropriate personal protective equipment (PPE). Remedial Activities will include monitoring well decommissioning, soil excavating, post excavation confirmatory sampling, and soil vapor mitigation installation. PVEDI's proposed scope is summarized below:

- The Track 4 Remedy for the Site will achieve a restricted-residential use cleanup utilizing the RRSCOs defined in 6 NYCRR Part 375-6.8 (Table 375-6.8(b)) for comparison purposes.

### 3.1 SOIL SAMPLING

#### 3.1.1 *Soil Borings and Surface Soil Sampling*

Soil borings and surface soil sampling will be completed to characterize shallow (0 – 2-inches below vegetative cover), and deeper subsurface soils to collect soil samples for laboratory analysis. Figures in the Work Plan depict the proposed soil boring locations.

Surface soil samples will be collected using hand tools, or direct-push drilling rig. Soil borings will be drilled using a truck- or track-mounted direct-push drilling rig. Continuous soil samples will be collected by driving a macrocore sampling tube into the subsurface at five-foot intervals until the target depth. A PVC liner fitted within the macrocore sampler will be removed after each sampling interval and cut lengthwise to access the soil sample for logging, screening, and laboratory sampling.

Logging will consist of: Describing the soil according to the Unified Soil Classification System; describing any evidence of contamination (e.g., non-aqueous phase liquid (NAPL), staining, sheens, odors); and screening for organic vapors using a photoionization detector (PID).

Samples selected for laboratory analysis will be biased towards intervals containing urban fill material or other evidence of contamination (e.g., staining, odors, elevated PID readings).

The soil samples designated for analysis will be collected into laboratory-supplied containers, sealed and labeled, and placed in an ice-filled cooler. Proposed soil samples and analyses are described in the "Sample Summary Table" of the Work Plan. The samples will be analyzed in a laboratory following New York State Department of Health (NYSDOH) Analytical Services Protocol (ASP) Category B deliverables.

### **3.1.2 Restoration**

Upon completion of probing/drilling, each boring will be filled to the near grade surface with cement/bentonite grout mixture. The borings will be patched with the appropriate materials (e.g., asphalt or concrete patch), depending on the original finish.

### **3.2 MONITORING WELL INSTALLATION**

Monitoring wells boreholes will be installed using hollow stem augers with direct push drilling rig or conventional drilling rig.

Depth of groundwater monitoring wells will be determined based on field conditions. The proposed monitoring well locations are depicted on figures presented in the Work Plan.

Permanent monitoring wells will be constructed of 2-inch I.D. PVC well materials. The slotted well screen will straddle the water table, with the majority of the screen for each well extending below the groundwater interface. Above the well screen, solid PVC tubing will be installed to the surface. A sand filter pack will be installed within the annular space between the PVC and borehole from the bottom of the well to one foot above the top of the slotted screen. The remaining annular space will be filled to the surface with bentonite. Surface casing will be installed to anchor the top of the well and to prevent infiltration of surface water along the outer annulus of the well. Sand filter packs, bentonite seals, and well materials will conform to NYSDEC/USEPA specifications.

Each monitoring well will be developed to remove suspended sediment and establish connectivity between the monitoring well and the surrounding formation. Wells will be developed by surging and purging water in the well column using a small-diameter submersible pump (Whale-brand, or similar). Physical water quality parameters (temperature, pH, and conductivity at a minimum) will be monitored until stabilized, and a minimum of three (3) well-volumes of the standing water column have been removed.

### **3.3 SOIL VAPOR IMPLANT INSTALLATION**

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, October 2006, and subsequent amendments (2017 & 2024). If groundwater is found to be present directly beneath the asphalt or grassy areas, then alternative sample locations will be chosen in the field.

Soil vapor sample points will be installed through the asphalt and grassy areas accordance with NYSDOH Guidance. Soil vapor implants will be installed to a depth of 1-foot above the water table, if feasible, via Geoprobe™ or similar track mounted drilling rig. A 6-inch stainless-steel Geoprobe™ vapor point will be installed to the bottom of each location and connected to the surface via polyethylene tubing. The annular space

surrounding the stainless-steel implant will be backfilled with clean sand. The remaining annular space will be backfilled with hydrated bentonite chips.

A tracer gas (helium) test will be conducted to ensure a proper seal around the sampling port and to confirm sample integrity for each sub-slab vapor sample. Sub-slab vapor samples will be collected into laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Sub-slab vapor samples will be installed to 2 -3-inches below the slab and will be calibrated for a sampling period of 2-hours. Prior to sub-slab soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the sample port at a flow rate not to exceed 0.2 L/minute. No indoor air samples are proposed during this investigation as no inhabitable indoor space currently exists on the site.

Soil vapor samples and analyses are described in the “Sample Summary Table” of the Work Plan. The samples will be analyzed in a laboratory following NYSDOH ASP Category B deliverables.

### **3.4 DECONTAMINATION OF SAMPLING EQUIPMENT**

All non-disposable sampling equipment (Geoprobe rods, macrocore samplers, sampling spoons, etc.) will be either dedicated or decontaminated between sampling locations. Decontamination methods will be conducted in accordance with NYSDEC Guidelines for Sampling and Analysis of PFAS, April 2023.

### **3.5 MANAGEMENT OF INVESTIGATION DERIVED WASTE**

Decontamination fluids will be containerized and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE) and sampling equipment (scoops, gloves, rope, etc.) will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

## **4.0 SAMPLING AND LABORATORY PROCEDURES**

All sampling, decontamination, laboratory analysis and data review will be conducted in accordance with NYSDEC Guidelines for Sampling and Analysis of PFAS, April 2023.

### **4.1 SOIL SAMPLING**

Soil sampling will be conducted according to the following procedures:

- Characterize the sample according to the modified Unified soil classification system.
- Field screening for evidence of contamination (e.g., odors, staining, elevated PID measurements). Create small holes in the core at one-foot intervals using a

sampling spoon (or similar) and place the PID probe in the hole to obtain an organic vapor concentration measurement.

- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location, eliminating headspace as much as possible. Seal and label the sample jars in accordance with this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations in accordance with this QAPP.
- Record boring number, sample depth, and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

## 4.2 GROUNDWATER SAMPLING

There are 2 rounds of groundwater sampling planned for the RIWP, with the second round approximately 3 months after the first round, and with the second round analyte list possibly reduced to those with significant detections in the first round, as approved by the NYSDEC Project Manager.

Unless otherwise noted, groundwater samples will be collected using low-flow (minimal drawdown) purge techniques with dedicated tubing and a peristaltic pump.

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers tape and sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- Stainless steel inertia pump with HDPE tubing.
- Peristaltic pump equipped with HDPE tubing and silicone tubing.
- Stainless steel bailer with stainless steel ball.
- Bladder pump (identified as PFAS-free) with HDPE tubing.

The following procedure will be used:

- Open each well, measure the depth to water and gauge the well for any non-aqueous phase liquids (NAPL) using standard tools. NAPL thickness will be recorded in the field notebook.

- Insert dedicated tubing into the monitoring well at the approximate middle of the screened interval.
- Connect tubing to the peristaltic pump and flow-through cell. Insert the Troll 9500 into the flow-through cell. Connect the Troll 9500 to the Rugged Reader (hand-held PC).
- Enter monitoring well construction details of the well to be sampled into the Rugged Reader well development file. The file calculates the interval at which readings will be collected based on well construction.
- Begin pumping the well and collecting data after the flow-through cell fills with water.
- Collect data until physical groundwater parameters (e.g., temperature, pH, conductivity, dissolved oxygen) have stabilized to values with less than 10% change along with turbidity values below 50 NTUs for three consecutive readings.
- Sampling personnel should don new nitrile gloves prior to sample collection due to the potential to contact PFAS containing items (not related to the sampling equipment) during the purging activities.
- Collect groundwater samples from dedicated tubing immediately after the peristaltic pump and as specified in the scope of work.

#### 4.3 SOIL VAPOR SAMPLING

Soil vapor sampling will be conducted according to the following procedures:

- Purge the installed vapor port with a PID or peristaltic pump at a flow rate not to exceed 0.2 L/minute. Purge time determined based on volume of air in tubing (diameter and length). Follow directions/calculations on PVEDI purge sheet to determine appropriate purge time. Note any elevated PID measurements during purge.
- Following purge, connect laboratory provided summa cannister to sample port tubing. Connection to summa canister may vary based on laboratory but in general will consist of compression fitting and 1/2-inch nut.
- When sample port tubing is secure in cannister connection, open summa cannister valve to start sample collection and record starting vacuum of can (typically ~30-inches HG).
- Record sample collection start time, starting vacuum, cannister ID and flow valve ID in PVEDI vapor log sheet.
- Periodically check on sample cannister noting vacuum changes.
- When vacuum is between 1-4-inches HG, turn the cannister valve to the closed position, ending the sampling period. Record final vacuum and end sample time in PVEDI vapor log sheet.
- Remove tubing from compression fitting of canister. Plug sample port tubing.

#### 4.4 LABORATORY METHODS

Table 1 summarizes the laboratory methods that will be used to analyze field samples as well as the sample container type, preservation, and applicable holding times. York Analytical Laboratories, Inc., a NYSDOH Environmental Laboratory Approval Program (ELAP) Certified laboratory (Certifications #10854 & 12058), will be used for all chemical analyses in accordance with DER-10 2.1(b) and 2.1(f), including Category B Deliverables.

In addition to the site characterization samples (soil, groundwater, & soil vapor) collected, QAQC samples will be collected at a frequency of one (1) in twenty (20) samples. A total of two (2) matrix spike/matrix spike duplicate (MS/MSD) soil samples, two (2) field blank soil samples, two (2) field duplicate soil samples, one (1) MS/MSD groundwater sample, one (1) field duplicate groundwater sample, one (1) field blank groundwater sample, and one (1) field duplicate soil vapor sample analyzed for the compounds listed below in addition to one (1) trip blank to be analyzed for VOCs per shipment. One (1) duplicate soil vapor sample will be collected.

*Table 1 Laboratory Analytical Methods for Analysis Groups*

Matrix	Analysis	EPA Method	Bottle Tyle	Preservative	Hold Time
Soils (48 total samples including 6 QAQC)	TCL VOCs	8260C	5035 Encore Samplers	Methanol & Distilled Water - 4 deg. C.	48 hours
	TCL SVOCs	8270D	4 oz. jar	4 deg. C.	14 days
	TAL Metals	6010C	4 oz. jar	4 deg. C.	180 days
	Mercury	7471B	4 oz. jar	4 deg. C.	28 days
	Hexavalent Chromium	7196	2 oz. jar	4 deg. C.	28 days
	Cyanide	4500	2 oz. jar	4 deg. C.	14 days
	TCL Pesticides	8081B	8 oz. jar	4 deg. C.	14 days
	TCL Herbicides	8051A	8 oz. jar	4 deg. C.	14 days
	TCL PCBs	8082A	4 oz. jar	4 deg. C.	14 days
	1,4-Dioxane	8270D SIM	4 oz. jar	4 deg. C.	14 days
	PFAS	1633	250 mL HDPE container	4 deg. C.	28 days
Groundwater (4 total samples including 3 QAQC)	TCL VOCs	8260C (inc. TICS)	3 VOA vials	HCL - 4 deg. C.	14 days
	TCL SVOCs	8270D (inc. TICS)	1-liter amber jar	4 deg. C.	7 days
	TAL Metals	6010C	250 mL plastic container	HNO3 - 4 deg. C.	180 days

	Mercury	7471B	250 mL plastic container	HNO3 - 4 deg. C.	28 days
	Hexavalent Chromium	7196	2 oz. jar	4 deg. C.	28 days
	Cyanide	4500	2 oz. jar	4 deg. C.	14 days
	TCL Pesticides	608	1-liter amber jar	4 deg. C.	7 days to extraction/ 40 days following extraction
	TCL Herbicides	8051A	1-liter amber jar	4 deg. C.	14 days
	TCL PCBs	608	1-liter amber jar	4 deg. C.	14 days
	PFAS	1633	250 mL HDPE container	4 deg. C.	14 days to extraction/ 28 days following extraction
	1,4 Dioxane	8270D SIM	1-liter amber jar	4 deg. C.	7 days to extraction/ 40 days following extraction
Secondary Groundwater (4 total samples including 3 QAQC)	To Be Determined by BYSDEC Project Manager	To Be Determined by BYSDEC Project Manager	To Be Determined by BYSDEC Project Manager	4 deg. C.	To Be Determined by BYSDEC Project Manager
Soil Vapor Samples (2 total samples including 1 QAQC)	TO-15 VOCs	TO-15	2-liter Summa Cannister	N/A	28 days

Laboratory reporting limits will be low enough to compare data to the unrestricted-use soil cleanup objective (UUSCO) as defined in 6 NYCRR Part 375.

#### 4.5 QUALITY CONTROL SAMPLING

In addition to the laboratory analysis of the investigative soil samples, additional analyses will be included for quality control measures, as required by the Category B sampling techniques. These samples will include field blanks, trip blanks, matrix spike/matrix spike duplicates (MS/MSD), and duplicate/blind duplicate samples at a frequency of one sample per 20 field samples collected. The "Sample Summary Table" in the Work Plan provides a summary of the field samples and QA/QC samples to be analyzed by the laboratory.

## **4.6 SAMPLE HANDLING**

### ***4.6.1 Sample Labeling and Shipping***

All sample containers will be provided with labels containing the following information:

- Project identification
- Sample identification
- Date and time of collection
- Analysis(es) to be performed

Once the samples are collected and labeled, they will be placed on ice in coolers. The samples will be shipped with chain-of-custody (COC) forms. Samples will be shipped overnight (e.g., Federal Express) or transported by a laboratory courier.

### ***4.6.2 Sample Custody***

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers.

## **4.7 FIELD INSTRUMENTATION**

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file for referencing proper operation, maintenance and calibration procedures.

## **4.8 DATA REVIEW**

In accordance with DER-10, each of the samples collected as part of the RI will undergo a third-party data review process to ensure the usability of the data collected. Kenneth R. Applin Ph.D. and Michael Perry of Environmental Data Usability (See Resumes in Attachment A) will be contracted for the preparation of Data usability summary reports (DUSR) documenting any issues with QA/QC will be prepared and included in the RI Report.

### ***4.8.1 Data Usability Evaluation***

Data usability evaluation procedures shall be performed for both field and laboratory operations as described below.

#### ***4.8.2 Procedures Used to Evaluate Field Data Usability***

Procedures to validate field data for this project will be facilitated by adherence to the plan outlined in the QAPP. The performance of all field activities, checking for transcription errors and review of field logbooks is the responsibility of the Field Team Leader.

#### ***4.8.3 Procedures Used to Evaluate Laboratory Data Usability***

Data evaluation will be performed by the third-party data validator using the most current methods and quality control criteria from the USEPA's Contract Laboratory Program (CLP) *National Functional Guidelines for Organic Data Review* (Ref. 8), and Contract Laboratory Program, *National Functional Guidelines for Inorganic Data Review* (Ref. 9). The data review guidance will be used only to the extent that it is applicable to the SW-846 methods; SW-846 methodologies will be followed primarily and given preference over CLP when differences occur. Also, results of blanks, surrogate spikes, MS/MSDs, and laboratory control samples will be reviewed/ evaluated by the data validator. All sample analytical data for each sample matrix shall be evaluated. The third-party data validation expert will also evaluate the overall completeness of the data package. Completeness checks will be administered on all data to determine whether deliverables specified in this QAPP are present. The reviewer will determine whether all required items are present and request copies of missing deliverables.

## FIGURES

**LEGEND**

 BCP BOUNDARY (C#411022)

**PROPOSED SAMPLE LOCATIONS**

-  MONITORING WELL
-  SOIL BORING
-  SOIL VAPOR



DATA SOURCES:  
Tax Parcel Outline: Columbia County Tax Parcel Access  
Basemap: Microsoft, Vantor, Earthstar Geographics



48 Springside Avenue  
Poughkeepsie, NY 12603  
Office: 845.454.2544  
Fax: 845.454.2655

**PROPOSED SAMPLE LOCATION MAP (C#411022)**

41 NORTH 2ND STREET  
CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.

20240218

N



**FIGURE 3**

DATE: 1/6/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

## RESUMES

# CHRISTOPHER B. BROWN, PG

Principal / Chief Operating Officer

cbrown@pve-llc.com  
860-522-3970



## ABOUT

As PVE's COO, Chris manages the firm's operations across all PVE locations. He implements organizational structure and develops strategic initiatives that enhance operational efficiencies throughout all divisions.

Chris is also the Director of Environmental Services, a role he has held since the company's 2011 merger with the former Hudson Valley-based Conrad Geoscience Corp. he co-founded in 1996. He has conducted and supervised the investigation and remediation of state- and federally-listed hazardous waste sites, brownfields, petroleum spills, landfills, and a variety of contaminated residential, commercial, and industrial sites.

Chris oversees the firm's environmental due diligence services for real estate transactions and has participated in hundreds of real estate transactions. He also has worked on geologic characterization projects for Class II, V and VI injection wells. His skills as a consultant on complex and sometimes contentious matters have earned him the trust and respect of clients, regulatory agencies and the PVE team.

## PROFESSIONAL PRACTICE AREAS

- Brownfield Site Assessments
- Conceptual Site Modeling / Contaminant Fate and Transport
- Due Diligence Assessments
- Geologic Evaluations
- NYSDEC and NYCOER Regulatory Programs
- Permitting and Regulatory Compliance
- Remedial Actions
- Subsurface Investigations

## EDUCATION

**Binghamton University**  
Master of Science, Geology

**Colgate University**  
Bachelor of Arts, Geology

## LICENSES & CERTIFICATIONS

**Professional Geologist:** New York  
American Institute of Professional Geologists, CPG

## AFFILIATIONS

American Institute of Professional Geologists, Board Member  
Habitat for Humanity of Dutchess County: President Emeritus (2023), President (2017-2022)  
National Groundwater Association  
New York Council of Professional Geologists

## TENURE

**PVE:** Since 2011  
**Prior Experience:** 17 Years

# CONOR TARBELL, QEP

## Principal / Regional Director Environmental Services

ctarbelle@pve-llc.com

O: 845-454-2544 Ext. 311 M: 607-226-2764



### ABOUT

As a Principal and Regional Director of Environmental Services at the Hudson Valley office, Conor oversees his team and provides comprehensive environmental consulting services, including Phase I and II ESAs, soil vapor intrusion investigations, remediation, affordable housing, hazardous building materials surveys in support of affordable housing projects, communication and correspondence with regulatory agencies and customer relations/business development.

Conor specializes in managing Brownfield redevelopment projects, including the preparation, negotiation and implementation of remedial investigation and remedial action work plans. These work plans can consist of soil and groundwater sampling, vapor/air monitoring, and remedial design, including in-situ groundwater treatment and vapor mitigation/extraction. Conor led the firm's initiative to purchase a direct-push drilling rig and tooling for use on environmental projects.

### PROFESSIONAL PRACTICE AREAS

- Affordable Housing Hazardous Building Material Surveys
- Brownfield Redevelopment Project Management
- Phase I and II ESAs
- Remediation
- Remedial Action Work Plans, including Preparation, Negotiation and Implementation
- Remedial Design, including In-Situ Groundwater Treatment
- Remedial Investigations
- Soil and Groundwater Sampling
- Soil Vapor Intrusion Investigations
- Vapor / Air Monitoring
- Vapor Mitigation/Extraction

### PUBLICATIONS

Tarbell C, Podolec A.; State University College at Oneonta, 2012 Student Research and Creative Activity Day; "Southwestern United States Drought Case Study: Lake Mead.", April 18, 2012.

### EDUCATION

#### State University of New York at Oneonta

Bachelor of Science, Environmental  
Science

### LICENSES & CERTIFICATIONS

Certified USEPA Lead Based  
Paint Inspector

Federal Aviation Administration  
Certified Small Unmanned Aircraft  
System Remote Pilot

Global EHS Credentialing; Qualified  
Environmental Professional (QEP),  
Board Member

New York City Office of  
Environmental Remediation Gold  
Certified Professional

OSHA 30-HR Hazard Recognition  
Training for the Construction Industry

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health and Safety Training

### AFFILIATIONS

Americorps Volunteer

National Groundwater Association  
Member

### TENURE

**PVE:** Since 2013

# ERIK J. DRAIJER, PE, QEP

## Senior Project Manager Environmental Services

edraijer@pvedi-ae.com  
646-602-4999



### ABOUT

Erik is an experienced Senior Project Manager with broad-based knowledge of managing and conducting field investigations, including soil, groundwater, and soil vapor sampling, and remediation system design and management. He is responsible for project management, including project scoping, coordination with subcontractors, correspondence with regulatory agencies, data management, reporting, and client relations. He is responsible for a broad range of due diligence and transaction-based projects, as well as brownfield redevelopment and voluntary cleanup projects across the United States. Erik is also involved in business development, staffing decisions, and is in a leadership development role.

### PROFESSIONAL PRACTICE AREAS

- Brownfield Redevelopment Services, including State Regulatory Programs
- Conceptual Site Modeling, Contaminant Fate and Transport
- Due Diligence Assessments for Real Estate Technical Assessments across North America (PCA, ESA)
- Environmental Assessments in accordance with NEPA and HUD
- Federal, State, and Locally-financed Affordable Housing Assessment Services
- Industrial Hygiene Services
- Noise Remedial Action Plans
- Remediation Design including vapor mitigation, groundwater remediation, SSDS, and construction administration
- Qualitative Human Health Exposure Assessments
- Subsurface Investigations
- Toxicological Analysis

### EDUCATION

#### University of Massachusetts, Amherst

Bachelor of Environmental Science  
Minor in Resource Economics

### LICENSES & CERTIFICATIONS

#### Professional Engineer: New York

OSHA 30-HR Construction Safety

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health and Safety Training

Qualified Environmental Professional  
(QEP)

### AFFILIATIONS

American Red Cross Biomed  
Specialist

Board of Directors, NYC Brownfield  
Partnership

NJDEP Radon Measurement and  
Mitigation Technician

### TENURE

**PVEDI:** Since 2017

# SAMUEL AMBROSE, PG

## Project Manager Environmental Services

sambrose@pve-llc.com  
845-454-2544



### ABOUT

Sam is an experienced geologist with a strong background in field investigations, including soil, surface and groundwater sampling, geologic logging, stream assessment, monitoring, and mitigation of mine subsidence-related impacts. As Project Manager, his responsibilities include proposal writing, budgeting, coordination with subcontractors, correspondence with regulatory agencies, data management, reporting, and customer relations. Sam is also responsible for performing site inspections and providing peer reviews of Phase I and II Environmental Site Assessments.

### PROFESSIONAL PRACTICE AREAS

- Data Collection and Analysis
- Drilling Oversight
- Environmental Compliance
- Environmental Sampling
- Field Investigations
- Field Planning Prep Work
- Health and Safety Planning
- Indoor Air Sampling
- Phase I & II Environmental Site Assessments
- Project Management
- Site Inspections
- Soil and Groundwater Sampling
- Soil Boring Classification
- Sub-slab Sampling
- Vapor/Air Monitoring
- Water Sampling
- Well Abandonment Oversight
- Well Development

### EDUCATION

#### California University of Pennsylvania

Bachelor of Science, Geology

#### State University of New York, Buffalo

Geology Field Camp

### LICENSES & CERTIFICATIONS

Professional Geologist in New York  
and Pennsylvania

MSHA 24-HR New Miner Surface

OSHA 30-HR Hazard Recognition  
Training for the Construction Industry

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health and Safety Training

### AFFILIATIONS

New York State Council of  
Professional Geologists (NYSCPG)

### TENURE

**PVE:** Since 2018

**Prior Experience:** 5 Years

# TREVOR TREGLIA

## Assistant Project Manager Environmental Services

ttreglia@pvedi-ae.com

O: 845-454 2544 M: 914-943-2606



### ABOUT

Trevor is an experienced assistant project manager with a broad-based knowledge of field investigations, including soil, surface and groundwater sampling, and vapor/air monitoring. His responsibilities include field sampling, coordination with subcontractors, correspondence with regulatory agencies, data management, including tabulation and comparison to regulatory standards, reporting, and customer relations. Trevor is also responsible for assembling information, site inspections, and completing Phase I and II Environmental Site Assessments, including all associated reporting.

### PROFESSIONAL PRACTICE AREAS

- Collects Analysis of Soil Gathered Samples
- Conducts Site Visits
- Groundwater Samples
- Historical Research of Properties
- Indoor Ambient Air Samples
- Monitoring of Landfill Gases and Leachate
- Phase I and II Environmental Site Assessments
- Sub-Slab Soil Vapor Samples

### EDUCATION

#### **SUNY Environmental Science and Forestry**

Bachelor of Science, Environmental  
Science

### LICENSES & CERTIFICATIONS

CPR/AED Certified

First Aid Certified

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health & Safety Training

OSHA 30-HR Hazard Recognition  
Training for the Construction Industry

Radon Measurement Professional  
Certification

### TENURE

**PVEDI:** Since 2019

# ANTHONY SPADAVECCHIA

## Scientist Environmental Services

aspadavecchia@pve-llc.com

O: 845-454-2544 ext. 304 M: 845-667-4354



### ABOUT

Anthony is an experienced environmental Scientist with a strong background in environmental consulting services. His responsibilities include Phase I and II Environmental Site Assessments (ESAs), conducting the investigation and remediation of brownfield sites, petroleum spills, landfills and correspondence with regulatory agencies, soil vapor intrusion investigations, data management and reporting.

### PROFESSIONAL PRACTICE AREAS

- Brownfield Site Assessments
- Community Air Monitoring Program
- Environmental Compliance
- Lead Based Paint Clearance Assessments
- Lead in Drinking Water Assessments
- Mold Assessments
- Phase I and Phase II ESAs
- Radon Assessments
- Remediation
- Soil Boring Classification
- Soil Sampling and Groundwater Monitoring
- Soil Vapor Intrusion Investigations
- Well Decommissioning Oversight
- Well Development

### EDUCATION

#### State University of New York at Buffalo

Bachelor of Arts, Environmental  
Science

### LICENSES & CERTIFICATIONS

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health and Safety Training

OSHA 30-HR Hazard Recognition  
Training for the Construction Industry

New York State Licensed Mold  
Assessor

Certified USEPA Lead Based Paint  
Inspector

Adult and Pediatric First Aid/CPR/  
AED

### TENURE

**PVE:** Since 2015

**Prior Experience:** 10+ Years

# AARON RUBINSTEIN, GIT

## Geologist I Environmental Services

arubinstein@pvedi-ae.com  
845-454-2544



### ABOUT

As Geologist I, Aaron's responsibilities include assisting on projects relating to Phase I & Phase II Environmental Site Assessments. In addition, Aaron assists environmental staff in conducting fieldwork including sample collection (soil, groundwater, & soil vapor), sample delivery, and documenting sampling procedures. He also helps review analytical data, assemble tables and figures, and prepare report recommendations.

### PROFESSIONAL PRACTICE AREAS

- ArcGIS
- Data Collection and Analysis
- Environmental Sampling
- Geoprobe 54DT
- Phase I & Phase II Environmental Site Assessments
- Soil and Groundwater Sampling
- Soil Boring Classification
- Stream Assessments
- Trimble GPS
- UAS Post-Processing
- Vapor/Air Monitoring

### EDUCATION

#### State University of New York at New Paltz

Bachelor of Science in Geology

### LICENSES & CERTIFICATIONS

OSHA 10-HR Hazard Recognition  
Training for the Construction Industry

OSHA 40-HR Hazardous Waste  
Operations and Emergency  
Response Health and Safety Training

### TENURE

**PVEDI:** Since 2024

**Prior Experience:** 1 Year

# KEN ATKINS

## Environmental Technician

katkins@pve-llc.com  
845-454-2544 ext. 313

### ABOUT

Ken is an experienced Environmental Technician with broad-based knowledge of inspections and environmental compliance on various types of projects. He is responsible for project scoping, coordination and oversight of subcontractors, correspondence with regulatory agencies, data management, reporting and customer relations. Ken also has experience working on a hazardous materials response team and has responded to spills and completed clean up and restoration of affected areas.

### PROFESSIONAL PRACTICE AREAS

- Drilling Oversight
- Field Investigations
- Phase I & II Environmental Site Assessments
- Site Inspections
- Water Sampling
- Well Development

### EDUCATION

**Mount Saint Mary College:**  
Bachelor of Arts, Biology

### LICENSES & CERTIFICATIONS

OSHA 40-HR training on Hazardous Waste Operations and Emergency Response

OSHA 10-HR construction training

### TENURE

**PVE:** Since 2025

**Prior Experience:** 6 Years

## **Resume**

### **Kenneth R. Applin, Ph.D.**

KR Applin and Associates  
8806 Route 256  
Dansville, NY 14437  
585.335.5998

#### **EDUCATION**

**Ph.D., Geochemistry and Mineralogy**  
The Pennsylvania State University  
Area of Emphasis: aqueous geochemistry  
Related Areas of Study: hydrogeology, chemistry  
Degree Granted: 1982

**M.S., Geochemistry and Mineralogy**  
The Pennsylvania State University  
Area of Emphasis: aqueous geochemistry  
Related Areas of Study: hydrogeology, radionuclide geochemistry, computer programming  
Degree Granted: 1978

**B.A., Geological Sciences**  
State University of New York at Geneseo  
Area of Emphasis: geological sciences  
Related Areas of Study: physics, biology, chemistry, computer science  
Degree Granted: 1974

#### **PROFESSIONAL EXPERIENCE**

**1993 - present**  
**KR Applin & Associates**  
Professional consultant in geochemistry, hydrogeology, and geology. Experienced in landfill closure investigations, groundwater and surface water monitoring at solid and hazardous waste sites, geochemistry investigations, hydrogeologic investigations, and data validation.

**1993 - 1994**  
**Adjunct Lecturer, State University of New York at Geneseo**  
Served as Adjunct Lecturer with the Dept. of Geological Sciences. Developed and taught Environmental Geology. Supervised undergraduate research in surface water geochemistry and the environmental chemistry of lead.

**1989-1993**  
**Chief Hydrogeologist and Geochemist, Larsen Engineers, Rochester, NY**  
Managed all projects involving environmental and hydrogeologic investigations including landfill siting and closure investigations, hazardous waste site investigations, environmental assessments for property transactions, underground storage tank investigations, and water supply studies.

**PROFESSIONAL  
EXPERIENCE**  
(Continued)

**1982-1989**

**Assistant Professor of Geology, University of Missouri-Columbia, MO**  
Served as professor and research scientist for the Dept. of Geology. Taught undergraduate and graduate courses in geology, hydrogeology, and geochemistry. Supervised undergraduate and graduate student research in the Depts. of Geology, Civil Engineering, and Chemistry. Conducted research in groundwater geochemistry, mineralogy, and sedimentology.

**1975-1982**

**Graduate Research Assistant, The Pennsylvania State University**  
Conducted research on uranium geochemistry and global geochemical cycles. Performed field sampling and laboratory analyses of water using wet chemistry methods, atomic absorption spectrophotometry (AAS), ICP emission spectrophotometry, neutron activation analysis, colorimetry, and x-ray fluorescence. Served as instructor with the Penn State Marine Science Program at Wallops Is., VA. Served as advisor to the U.S. Bureau of Mines on uranium solution mining project in Casper, WY. Developed computer software for interpreting natural water geochemistry.

**PROFESSIONAL  
AFFILIATIONS**

**Association of Groundwater Scientists and Engineers**

**CONTINUING  
EDUCATION**

**40-Hour OSHA Health and Safety Training (29 CFR 1910.120)**

Environmental Protection Training, Inc  
Pittsburgh, PA  
September 1992

**Inorganic Data Validation Course**

SUNY Westchester Community College  
Valhalla, NY  
March 1994

**Organic Data Validation Course**

SUNY Westchester Community College  
Valhalla, NY  
November 1993

**Bioremediation Technology Seminar**

Waste Stream Technology, Inc.  
Buffalo, NY  
August 1992

**Local Land Use Decision Making Training Program**

Monroe County Planning Council  
Rochester, NY  
Fall 1994

**Communicating Environmental Risks**

Center for Environmental Information  
Rochester, NY  
June 1990

**Survey Course in Environmental Law**

Center for Environmental Information  
Rochester, NY  
April/May 1990

**REPRESENTATIVE  
PROJECTS**

Closure investigation and post-closure environmental monitoring of the Town of Arcadia Landfill, Wayne County, NY (1994 - present)

Closure investigation and post-closure environmental monitoring of the Galen-Lyons Landfill, Wayne County, NY (1994 - present)

Closure investigation and post-closure environmental monitoring of the Town of Wolcott Landfill, Wayne County, NY (1995 - present)

Closure investigation and post-closure environmental monitoring of Town of Ontario Landfill, Wayne County, NY (2004-present)

Remedial Investigation/Feasibility Study (RI/FS) Workplan and Citizen Participation Plan (CPP) for the Brockport Landfill Inactive Hazardous Waste Site, Monroe County, NY (1993)

Post-closure data validation and trend analysis for the Brockport Landfill Inactive Hazardous Waste Site, Monroe County, NY (2001 - present)

Preparation of Site Analytical Plan (SAP) for Seneca Meadows Landfill Expansion, Seneca Falls, NY (1996 and 2006)

Preparation of Site Analytical Plan (SAP) for Lockwood Landfill, Dresden, NY (February 2007)

Preparation of quarterly groundwater and surface water monitoring reports, Seneca Meadows Landfill, Seneca Falls, NY (1995 - present)

Preparation of Chemical Data Acquisition Plan (CDAP) for Interim Corrective Measures, Old Sanitary Landfill, Fort Drum, NY (1994)

Laboratory analytical data validation for various landfill monitoring and brownfield remediation projects (1994 - present)

Currently conducting post-closure groundwater and explosive gas monitoring for four inactive municipal landfills, and groundwater and surface water monitoring at one privately-owned landfill

# Michael K. Perry

---

10028 Deer Park Dr.  
Dansville, NY 14437

585.991.9156  
michaelkerry55@gmail.com

## Profile

---

- Over 30 years experience in the Environmental Laboratory Industry with career progression from laboratory technician to laboratory director
  - Proven accomplishments include business growth, laboratory management, project planning, project management, methods development and problem resolution
  - Multiple laboratory certifications
- Strengths include:
- Analytical Instrumentation
  - Problem solving
  - Customer complaints resolution
  - Cost Control
  - Staff training and Supervision
  - Quality and Productivity Improvement

## Employment Background

---

Environmental Data Usability, (personal business DBA). ~ Dansville, NY 2014 - present

### Environmental Data Evaluation

- Production of Data Usability Reports (DUSRs) for NYS Brownfield sites

---

Dansville Auto Mart ~ Dansville, NY 2014 - present

### Assistant Maintenance Technician

- Variety of duties including picking up cars for sales, preparing cars for auction, assisting mechanics, and janitorial duties

---

Columbia Analytical Services dba ALS Environmental ~ Rochester, NY 1996 - 2014

### Laboratory Director

- Responsible for overall growth and management of a 50-60 person laboratory
- Set daily production schedules for all departments
- Client services including project planning, problem solving, and business development
- Introduction of new laboratory methods.
- Recommendation and purchase of new analytical instrumentation
- Sales and marketing effort
- Annual Budget development
- Health and safety including Hazardous Waste Management

# Michael K. Perry

---

Page 2

General Testing Corp. ~ Rochester, NY

1979 - 1996

## **Laboratory Manager** (1986 -1996)

- Promoted due to extensive knowledge of departmental logistics and personnel
- Grew the laboratory from \$1,000k to over \$5,000k per year in revenue
- Hands-on method development in the laboratory
- Managed all aspects of the laboratory including client services, quality assurance, and analytical scheduling

## **Lab Analyst / Supervisor** (1979 - 1986)

- Instrumentation manager
- Operation and maintenance of all laboratory equipment
- Analysis of water, soil, and air samples

---

Coca Cola Corp. ~ Atlanta, GA

1975 - 1979

## **Senior Laboratory Technician**

- Analysis of raw materials and finished product using both chemistry and instrumental techniques

## **Education**

---

**ACS Short Course – Effective Management of Chemical Laboratories**

**BS Chemistry**, Georgia State University, Atlanta, GA

**AAS Chemical Technology**, Alfred State College, Alfred, NY

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APPENDIX B  
HASP

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**NYSDEC BROWNFIELD CLEANUP PROGRAM  
REMEDIAL INVESTIGATION  
HEALTH AND SAFETY PLAN**

**41 NORTH 2<sup>ND</sup> STREET  
NYSDEC SITE #C411022  
41 NORTH 2<sup>ND</sup> STREET  
CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK**

---

**PREPARED FOR:**

41 North 2<sup>nd</sup> I LLC  
700 White Plains Road, Suite 363  
Scarsdale, New York 10583

**PREPARED BY:**



PVEDI Engineering, Architecture and Geology, D.P.C.  
48 Springside Avenue  
Poughkeepsie, New York 12603  
Phone: 845-454-2544 – Fax: 845-454-2655

---

October 2025  
Revised January 2026  
PVEDI File #20240218

**MUSTER LOCATION:**

Intersection of Prison Alley and North 2<sup>nd</sup> Street  
Hudson, New York 12534  
42.254907, -73.792872

**EMERGENCY REFERENCES:**

**Ambulance:** Notify 911

**Emergency Room:** Notify 911

**Fire:** Notify 911

**NYSDEC Spill Hotline:** 1 (800) 457-7362

**NYSDEC Project Manager:** Christopher O'Neill  
(518) 357-2394

**NYSDOH Project Manager:** Emelina Rieseler  
(518) 402-7860

**Client Representative:** Conor Tarbell  
(845) 454-2544

**Police:** Notify 911

**Hospital:** **Columbia Memorial Hospital – Emergency Room**  
71 Prospect Avenue  
Hudson, New York 12534  
(518) 828-7601

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## ATTACHMENTS

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Attachment B	HASP Pre-Entry Briefing Attendance Form
Attachment C	Supervisor's Accident Investigation Report Form
Attachment D	Summary of Lead in Construction Standard (29 CFR 1926.62)

## FIGURES

Figure 1	Site Location Map
Figure 2	Site Features Map
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## 1.0 Introduction

### 1.1 HASP Applicability

This site-specific Health and Safety Plan (HASP) has been developed by PVEDI Engineering, Architecture and Geology, D.P.C. (PVEDI) and establishes the health and safety procedures to minimize potential risks to personnel involved with the investigation activities at the 41 North 2<sup>nd</sup> Street (the BCP Site), City of Hudson, Columbia County, New York. This HASP applies to all personnel potentially exposed to safety and/or health hazards related to the activities described in Section 3.0 of this document.

**THIS HASP APPLIES TO PVEDI PERSONNEL. THIS HASP CAN BE UTILIZED BY OTHER ENTITIES FOR THIS PROJECT, AT THEIR SOLE RISK, WHICH IS ACKNOWLEDGED ON THE HASP RECEIPT AND ACCEPTANCE FORM (ATTACHMENT A).**

**PVEDI IS RESPONSIBLE FOR PROVIDING PERSONAL PROTECTIVE EQUIPMENT, FIT-TESTING OF RESPIRATORS, AND/OR MEDICAL MONITORING OUTLINED IN THIS DOCUMENT, WHETHER RETAINED BY PVEDI or NOT. IT IS THE SOLE RESPONSIBILITY OF ALL CONTRACTORS TO IMPLEMENT THEIR HEALTH AND SAFETY PROCEDURES IN ACCORDANCE WITH ALL REQUIREMENTS OUTINED HEREIN.**

This HASP has been prepared to comply with the applicable requirements of the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120). Activities covered by this HASP must be conducted in complete compliance with this HASP and with all applicable Federal, State, and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply will be excluded from site activities.

This HASP will be distributed to each person involved with investigative activities at the site. Each person must sign a copy of the attached HASP Receipt and Acceptance Form (see Attachment A).

### 1.2 Organization/Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the Project Manager (PM), the Health and Safety Manager (HSM), the Project Site Safety Officer (SSO) and all other personnel who conduct activities at the site.

- Project Manager: Conor Tarbell
- Health and Safety Manager: Anthony Spadavecchia
- Project Site Safety Officer: Samuel Ambrose

### **1.2.1 Project Manager**

The PM has the primary responsibility for ensuring the overall health and safety of this project. As such, the PM is responsible for ensuring that the requirements of this HASP are implemented. Some of the PM's specific responsibilities include:

- Ensuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the SSO with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SSO;
- Maintaining regular communications with the SSO; and
- Coordinating the activities of all subcontractors and ensuring that they are aware of the pertinent health and safety requirements for this project.

### **1.2.2 Project Professional Engineer**

The Project Professional Engineer (P.E.) will be responsible for reviewing and certifying all elements of fieldwork. They will prepare reports, As-Build drawings, and participate in meetings with the Site owner and/or the NYSDEC. Erik Draijer (P.E. License # 110938) will serve as the Project Professional Engineer.

### **1.2.3 Health and Safety Manager**

The Health and Safety Manager (HSM) is responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the SSO without the approval of the HSM. Specific duties of the HSM include:

- Writing, approving and amending the HASP for this project;
- Advising the SSO on matters relating to health and safety on this site;
- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation to protect personnel from potential site hazards; and
- Maintaining regular contact with the SSO to evaluate site conditions and new information which might require modifications to the HASP.

### **1.2.4 Site Safety Officer**

All field technicians are responsible for implementing the safety requirements specified in this HASP. One (1) technician will be designated to serve as the Site Safety Officer (SSO). The SSO will be appointed by the PM. The SSO will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins. The SSO has the authority to immediately correct all situations where non-compliance with this HASP is noted and to immediately stop work in

cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Ensuring that all personnel to whom this HASP applies have submitted a completed copy of the HASP Receipt and Acceptance Form (see Attachment A);
- Ensuring that all personnel to whom this HASP applies have attended a pre-entry briefing prior to entering the work zone;
- Maintaining a high level of health and safety consciousness among employees at the work site;
- Procuring and distributing the PPE needed for personnel involved with this project;
- Procuring the air monitoring instrumentation required and performing air monitoring for field activities;
- Verifying that all PPE and health and safety equipment is in good working order;
- Setting up and maintaining the work zones and ensuring proper cleanup of all site personnel;
- Notifying the PM of all non-compliance situations and stopping work in the event that an immediate danger situation is perceived;
- Monitoring and controlling the safety performance of all personnel within established restricted areas to ensure that required safety and health procedures are being followed;
- Conducting accident/incident investigations and preparing accident/incident investigation reports;
- Conducting the pre-entry briefing as required by Section 10.3 of this HASP; and
- Initiating emergency response procedures in accordance with Section 11.0 of this HASP.

### **1.2.5 *Field Personnel and Covered Subcontractor Personnel***

All field personnel covered by this HASP are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading this HASP in its entirety prior to the start of on-site work;
- Submitting a completed HASP Receipt and Acceptance Form (see Attachment A) and documentation of medical surveillance and training to the PM prior to the start of work;
- Attending the required pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of this HASP to the PM or the SSO prior to the start of work;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the SSO; and
- Complying with the requirements of this HASP and the requests of the SSO.

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### **1.2.6 Contractors**

In addition to other requirements referenced in this HASP, all contractors are required to:

- Provide appropriate PPE for their employees;
- Ensure, via daily inspections, that their equipment is maintained in good working condition;
- Operate their equipment in a safe manner; and
- Appoint an on-site safety coordinator to interface with the SSO.

### **1.3 Modification of this HASP**

The procedures in this HASP have been developed based on general knowledge of the site, proposed tasks, and anecdotal information from previous investigations at the site. Should additional information become available regarding potential on-site hazards, it may be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the HSM before such modifications are implemented.

Any significant modifications must be incorporated into the written document as addenda and the HASP must be re-issued. The PM will ensure that all personnel covered by this HASP receive copies of all issued addenda. Sign-off forms will accompany each addendum and must be signed by all personnel covered by the addendum. Sign-off forms will be submitted to the PM. The HASP addenda will be distributed during the regularly scheduled meetings so that they can be reviewed and discussed. Attendance forms will be collected during the meeting.

## **2.0 Site Description and History**

### **Site Location and Current Usage**

The BCP Site is located on the northwestern corner of North 2nd Street and State Street in the City of Hudson in a residential and commercial area.

The BCP Site shares the street address and tax parcel number with the Bliss Towers apartments building across State Street from the BCP Site. The BCP Site is currently used for active recreational purposes and parking for residential apartments in the area (Figures 1 and 2). The BCP Site is bordered to the north by 7 Dock Street (wholesale food warehouse) and 73-79 North Second Street (religious), to the east by 32-64 North Second Street (residential), 202-204 State Street (residential) and 201-205 State Street (religious), and to the south/west by 41 North 2<sup>nd</sup> Street (Bliss Towers - residential).

The BCP Site is currently zoned by the City of Hudson as “GC - General Commercial – 411 Apartment”. The proposed project area is adjacent to commercial and other residential properties. The BCP Site is improved with one (1) playground, one (1) basketball court, one (1) handball court, one (1) gazebo, one (1) maintenance garage, and paved parking areas. Remaining portions of the property are maintained grassy/vegetated areas. The BCP Site is currently used for recreational purposes and parking for the active apartments in the neighborhood, including Bliss Towers. The BCP Site is serviced by municipal water and sewer.

### **Summary of Proposed Redevelopment Plan**

The subject property is proposed for development into a mixed-use residential (multi-family) and community/commercial use structure.

### **Summary of the Work Performed Previously**

Relevant reports are summarized below in chronological order.

#### **Phase I Environmental Site Assessment, *SESI Consulting Engineers, August 2, 2023***

The environmental concern was outlined in this report was the BCP Site may have been utilized as a junkyard prior to 1965.

#### **Phase II Environmental Site Assessment, *PVE, LLC, July 2, 2024***

A Phase II ESA consisting of soil, groundwater, soil vapor sampling, and laboratory analyses was conducted. The Phase II ESA identified semi-volatile organic compounds (SVOCs) and metals in soil samples at concentrations exceeding applicable State Standards and the intended use of the BCP Site. Selenium was detected in one (1) groundwater sample at a concentration exceeding applicable State Standards. A vapor encroachment condition (VEC) may exist at the BCP Site based on the concentrations

of New York State Department of Health (NYSDOH) regulated compounds detected in soil vapor, and unconsolidated materials (below surface cover) throughout the BCP Site contained urban fill (glass, brick, coal fragments, wood, and coal ash).

### **Supplemental Phase II Environmental Site Assessment, PVE, LLC, August 13, 2024**

A Supplemental Phase II ESA investigation consisting of soil sampling and laboratory analyses of soil was conducted. SVOCs and metals were detected in soil samples at concentrations suggesting the past site operation had adversely affected the subject property, and soil samples contained contaminants of concentrations exceeding the intended use criteria for soil.

## **2.1 Summary of Proposed Redevelopment Plan**

41 North 2nd I LLC (the volunteer) proposes the new construction of 102 units of affordable housing, totaling approximately 114,237 square feet plus 62 surface parking. The building on the BCP Site will be five stories tall and will include a community room, laundry rooms, computer room, indoor bicycle storage and office space.

## **2.2 Summary of Past Uses of Site and Areas of Concern (AOCs)**

As indicated in the previous Phase II ESA and Supplemental Phase II ESA, SVOCs and metals were detected at concentrations exceeding intended SCOs in soil samples at concentrations indicative of impacts from past site operations (use as a junkyard). Historic fill is present throughout the BCP Site. Additionally, a VEC may exist at the BCP Site. The presence of soil vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not previously installed. NYSDOH regulated VOCs were detected at concentrations warranting further action(s).

### **3.0 Remedial Investigation**

Remedial investigation sampling will focus on delineating the full nature and extent of contaminants present to properly select and design future remedial alternatives. The Remedial Investigation scope is presented to provide sufficient detail to develop data to satisfy overall project objectives, but flexibility to adjust for field conditions and observations.

The Sample Summary Table 1 of the Quality Assurance Project Plan (QAPP), in Appendix A describes the laboratory analyses and laboratory method number planned for each sample, and the rationale for collecting each sample.

All RI field work will be conducted in accordance with the QAPP, provided in Appendix A, and this Health and Safety Plan (HASP). Community air monitoring will be conducted in accordance with the Appendix 1A of DER-10.

#### **3.1 Mobilization and Utilities Investigation**

Seven (7) days prior to initiating any field activities, PVEDI will notify NYSDEC and NYSDOH personnel of the anticipated field schedule. A schedule of work is presented in Section 11.0.

A geophysical survey will be performed prior to drilling and installation of soil borings and monitoring wells. The geophysical survey will employ ground-penetrating radar (GPR) and magnetic/electromagnetic equipment to locate anomalies that could be representative of buried infrastructure, such as fuel storage tanks, sewer lines, drain pipes, utilities, and conduits that could provide potential pathways for contaminants, or obstructions to be avoided during drilling.

#### **3.2 Soil Borings**

Thirteen (13) soil borings are proposed across the BCP Site to determine site stratigraphy and collect soil samples for laboratory analysis (See Figure 3). In general, soil borings will be advanced using a direct push track-mounted Geoprobe™ drill rig equipped with 5-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Where rig access is not possible/feasible, two (2) of the twelve (12) total soil borings will be installed with hand tools along the steep northern slope/bank of the property to a maximum depth of 4-feet bgs. Geoprobe installed soil borings will be sampled continuously from ground surface to a maximum depth of 20-feet bgs. At each location, field personnel will screen soil samples for VOCs using a photoionization detector (PID), and headspace techniques. The project geologist will keep a detailed log of each core: lithology, grain size, stratigraphic changes, color, and occurrence of groundwater will be recorded. Observations will be made describing the presence of potential contamination in the soil samples based on odor, visual observations, or PID readings.

Three (3) to four (4) discrete/grab soil samples will be collected from each soil boring or surface soil sample. Soil will be collected from surface (0-2-inches), shallow intervals (2-12-inches & 12-24-inches), and a fourth interval selected for laboratory analysis will be determined based on information generated during previous investigations, field observations including visual and olfactory indications of contamination as well as direct instrument readings and the soil/groundwater interface zone. Soil samples will be screened for VOCs using a PID. Each discrete/grab soil sample interval will be transferred into laboratory provided container. See Appendix A for more information related to sampling procedures and approved sample containers.

Soil samples will be analyzed for some or all of the following parameters, as specified in Table 1 of the QAPP in Appendix A:

- All soil borings will be analyzed for the following:
  - TCL VOCs by USEPA Method 8260C ;
  - TCL SVOCs by USEPA Method 8270D;
  - Target Analyte List (TAL) Metals by USEPA Method 6010C & 7471;
    - Including cyanide and hexavalent chromium.
  - TCL PCBs by USEPA Method 8082A;
  - TCL Pesticides by USEPA Method 8081B; and
  - TCL Herbicides by USEPA Method 8051A.
- Soil samples from soil borings SB-38, SB-42, SB-44, and SB-46 will include additional analysis of the following:
  - 1,4-Dioxane by USEPA Method 8270D SIM; and
  - PFAS by USEPA Method 1633A.

Samples to be analyzed for PFAS will be collected in accordance with NYSDEC Guidelines for Sampling, Analysis, and Assessment of PFAS, dated April 2023.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Analytical Services Protocol (ASP) Category B deliverables. Field duplicates and matrix spike/matrix spike duplicates (MS/MSD) will be collected for quality control/quality assurance (QA/QC) purposes and analyzed for sample parameters described above, in accordance with Table 1 of the QAPP in Appendix A. In addition, aqueous equipment field blanks will be collected in the field and laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only). QA/QC blanks and duplicates will be completed at a frequency of one sample for every 20 field-samples, as required in DER-10. QA/QC blanks and duplicates are included in Table 1 of the QAPP in Appendix A.

Upon completion of drilling, each boring will be filled to within 12-inches of ground surface with a cement/bentonite grout mixture. Boreholes will be completed with Quickrete to top of groundwater interface and clean sand, as necessary. All borings will be patched with a bentonite seal near grade. All drill cuttings will be properly stored in steel 55-gallon drums and securely positioned on the BCP Site for characterization and disposal.

### 3.3 Soil Vapor

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, February 2024.

A total of five (5) soil vapor samples are to be collected throughout the BCP Site. Soil vapor implants are proposed to be installed to a depth of 5-feet bgs via track-mounted Geoprobe™ drill rig. A 6-inch stainless-steel Geoprobe™ vapor point will be installed to the bottom of each borehole and connected to the surface via polyethylene tubing. The annular space surrounding the stainless-steel implant from 5-feet below ground surface to 2-feet below ground surface will be backfilled with clean sand. The remaining annular space will be backfilled with bentonite chips, and subsequently hydrated.

A helium-vapor test will be conducted to demonstrate a proper seal around the sampling port and confirm sample integrity. Prior to sample collection, the sample port will be purged of one to three volumes at a rate not to exceed 0.2 L/min. The vapor samples will be collected in laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Prior to soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the sample port at a flow rate not to exceed 0.2 L/minute.

Vapor sample canisters will be submitted to a NYSDOH ELAP-certified laboratory for analysis for VOCs via USEPA Method TO-15. No indoor air samples are proposed during this investigation as no inhabitable indoor space currently exists on the BCP Site.

### 3.4 Monitoring Wells

Based on the previous investigation completed at the BCP Site, groundwater was encountered at 12.0 feet bgs at the time of drilling (ATD) in only one (1) soil boring (SB-11). Up to four (4) monitoring wells will be installed, to a maximum depth of 30-feet bgs, in overburden soils with hollow-stem augers (HSA) through the use of a Geoprobe™ or conventional drilling rig. Monitoring wells will be constructed of 2-inch Schedule 40 PVC with a 0.020-inch slotted screen and solid riser. The borehole annulus of the wells will be filled with silica sand to a height of 2-feet above the top of the screen to form a filter pack. Bentonite will be placed above the filter pack to form a 2-foot seal. The remainder of the borehole annulus will be filled with a bentonite seal. All drill cuttings will be properly stored in steel 55-gallon drums and securely positioned on the BCP Site for characterization and disposal. Wells will be finished at the surface with either flush-to-grade curb boxes or appropriately sized steel standpipe with locking cap set in concrete, depending on the location.

Each monitoring well will be developed to remove fine-grained soil from the well and filter pack using a submersible pump. Groundwater samples will be collected using low-flow (minimal-drawdown) sampling techniques, with dedicated tubing. Prior to

sample collection, depth to groundwater will be measured to the nearest 0.01-foot and recorded for each well. The wells will be purged until temperature, pH, oxygen reduction potential (ORP), turbidity, dissolved oxygen (DO) and conductivity have stabilized.

The top-of-casing elevation will be surveyed to the nearest 0.01 foot by a NYS professional licensed surveyor (PLS). Depth-to-water measurements recorded prior to sample collection will be used to calculate groundwater gradients and develop a groundwater contour map.

Groundwater samples will be analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471B;
  - Including cyanide and hexavalent chromium;
  - Field filtered and totals;
- TCL PCBs by USEPA Method 8082;
- TCL Pesticides by USEPA Method 8081;
- TCL Herbicides by USEPA Method 8051A;
- 1,4-Dioxane by USEPA Method 8270D SIM; and
- PFAS by USEPA Method 1633A.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Category B deliverables for the analyses listed above. Aqueous equipment field blanks will be collected for QA/QC purposes and analyzed for all sample parameters in accordance with Table 1 of the QAPP in Appendix A. Laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only).

A second round of groundwater sampling will occur approximately 3 months after the first round, with the analyte list for the second round possibly reduced to the significant detections found in the first round of sampling, as approved by the NYSDEC Project Manager.

### **3.5 Investigation-Derived Waste Management**

Investigation-derived wastes (IDW: soil cuttings, decontamination wastewater and groundwater) will be drummed, containerized, and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE), sampling supplies and disposables will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

In any instance during the performance of this RI, all IDW will be managed in accordance with procedures and methods outlined in DER-10 section 3.3e and in compliance with applicable regulations in 6NYCRR Part 360 Series and Part 370 Series.

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### **3.6 Data Review**

All samples undergoing laboratory analysis will be subject to a third-party data review process in accordance with the QAPP, to ensure the usability of the data collected. Data usability summary reports (DUSRs) documenting any issues with QA/QC will be prepared and included in the RI Report.

## 4.0 Remedial Investigation Health and Safety

Field activities include site meetings, mobilization, implementing the health and safety plan, soil boring/soil vapor and monitoring well installation, analytical testing, equipment decontamination and handling of investigation wastes. Subcontractors will be used for marking private and public utilities, installation of soil borings, monitoring wells and laboratory analysis of soil samples collected.

### Site Meeting

A Site “kick-off” meeting will be held with the earth work subcontractor(s) prior to initiating field activities. The purpose of the meeting will be to orient field team members and subcontractors with the Site, project personnel, Site background, scope of work, potential dangers, health and safety requirements, site-specific security and safety protocols, emergency contingencies and other field procedures. NYSDEC will be notified of this meeting and is invited to attend.

### Mobilization

Following approval of the RI Work Plan by NYSDEC, Dig Safely NY will be contacted to identify the locations of publicly owned buried utilities which lead to the subject property. Utility clearance will require three working days. PVEDI personnel will interface with appropriate parties to obtain sidewalk and street permits in advance of any field activities, if necessary. No Sidewalk permits are anticipated to be required.

### Health and Safety

We anticipate all site work to be performed in Level D personal protective equipment (PPE). Health and safety monitoring will be conducted during field activities in accordance with the Site-Specific Health and Safety Plan (Appendix B of the RI Work Plan). If air monitoring data suggests an upgrade to Level C PPE is required, work will cease, and Site conditions will be re-evaluated prior to further activities.

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## **5.0 Air Surveillance and Monitoring**

Air monitoring will be conducted during any excavation activities in accordance with the HASP and CAMP. See Section 8 of this HASP below and/or Appendix C of the RIWP for further information.

## 6.0 Chemical Hazard Assessment and Controls

### 6.1 Chemical Hazards

The predominant contaminants potentially encountered during the subsurface investigation in soil, groundwater, and soil vapor include: Volatile and semi-volatile organic compounds (VOCs and SVOCs); and inorganic metals including arsenic, barium, cadmium, chromium, lead, selenium, and mercury.

**6.1.1 Table: Occupational Exposure Limits and Ionization Potentials of Detected VOCs and SVOCs**

VOCS								
Name	Skin Absorption	PEL <sup>(1)</sup> (PPM)	REL <sup>(2)</sup> (PPM)	STEL (PPM)	IDLH (PPM)	TLV <sup>(3)</sup> (PPM)	IP (eV)	Carcinogen
Methyl-tert butyl ether	Yes	NA	NA	NA	NA	50	NA	Suspected
1,2,4-Trimethylbenzene	Yes	NA	25	NA	NA	25	8.27	
1,3,5- Trimethylbenzene	Yes	25	NA	NA	NA	25	NA	
Benzene	Yes	1	0.1	1 <sup>(2)</sup>	500	0.5	9.24	X
Ethylbenzene	Yes	100	100	125 <sup>(2)</sup>	800	20	8.76	
Isopropylbenzene	Yes	NA	NA	NA	NA	50	NA	
n-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
n-propylbenzene	Yes	NA	NA	NA	NA	NA	NA	
p-isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	
Sec-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
Tert-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
m & p-xylene	Yes	100	100	150 <sup>(2)</sup>	900	100	8.56	
Methylene chloride	Yes	25	NA	125 <sup>(1)</sup>	2300	50	11.32	X
Naphthalene	Yes	10	10	15 <sup>(2)</sup>	250	10	8.12	
o-xylene	Yes	100	100	150 <sup>(2)</sup>	900	100	8.56	
Toluene	Yes	200	100	150 <sup>(2)</sup>	500	20	8.82	
Acetone	Yes	1000	250	NA	2500	500	9.69	
Tetrachloroethene	Yes	100	NA	NA	150	25	9.32	X
Trichloroethene	Yes	100	NA	100	1000	10	9.45	X
SVOCs								
Name	Skin Absorption	PEL <sup>(1)</sup> (PPM)	REL <sup>(2)</sup> (PPM)	STEL (PPM)	IDLH (PPM)	TLV <sup>(3)</sup> (PPM)	IP (eV)	Carcinogen
Acenaphthylene (4)	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene (4)	Yes	NA	NA	NA	NA	NA	NA	
Anthracene (4)	Yes	0.2 <sup>(5)</sup> mg/m3	0.1 <sup>(6)</sup> mg/m3	NA	80 mg/m3	NA	NA	
Benzo(a)anthracene (4)	No	NA	NA	NA	NA	L	NA	X
Benzo(a)pyrene (4)	Yes	0.2 <sup>(5)</sup> mg/m3	0.1 <sup>(6)</sup> mg/m3	NA	80 mg/m3	L	NA	X
Benzo(b)fluoranthene (4)	Yes	NA	NA	NA	NA	L	NA	X
Benzo(g,h,i) perylene (4)	Yes	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene (4)	Yes	NA	NA	NA	NA	NA	NA	X

Chrysene (4)	Yes	0.2 <sup>(5)</sup> mg/m <sup>3</sup>	0.1 <sup>(6)</sup> mg/m <sup>3</sup>	NA	80 mg/m <sup>3</sup>	L	NA	X
Coal Tar Pitch Volatiles	NA	0.2 <sup>(5)</sup> mg/m <sup>3</sup>	0.1 <sup>(6)</sup> mg/m <sup>3</sup>	NA	80 mg/m <sup>3</sup>	0.2 <sup>(7)</sup> mg/m <sup>3</sup>	NA	X
Dibenzo(a,h)Anthracene (4)	Yes	NA	NA	NA	NA	NA	NA	X
Fluoranthene (4)	Yes	NA	NA	NA	NA	NA	NA	Suspected
Fluorene (4)	Yes	NA	NA	NA	NA	NA	NA	Suspected
Indeno(1,2,3-cd)pyrene (4)	Yes	NA	NA	NA	NA	NA	NA	X
Phenanthrene (4)	Yes	0.2 <sup>(5)</sup> mg/m <sup>3</sup>	0.1 <sup>(6)</sup> mg/m <sup>3</sup>	NA	80 mg/m <sup>3</sup>	NA	NA	X
Pyrene (4)	Yes	0.2 <sup>(5)</sup> mg/m <sup>3</sup>	0.1 <sup>(6)</sup> mg/m <sup>3</sup>	NA	80 mg/m <sup>3</sup>	NA	NA	X

- 1 - OSHA (Occupational Safety and Health Administration)  
 PEL - Permissible Exposure Limit (OSHA Standard)  
 STEL - Short Term Exposure Limit
- 2 - NIOSH (National Institute for Occupational Safety and Health)  
 REL - Recommended Exposure Limit  
 IDLH – Immediately Dangerous to Life and Health  
 STEL - Short Term Exposure Limit
- 3 - ACGIH (formerly American Conference of Governmental Industrial Hygienists)  
 TLV - Threshold Limit Value  
 STEL - Short Term Exposure Limit  
 L – Exposure by all routes should be as carefully controlled to levels as low as possible
- 4 - PELs are listed for these items under Coal Tar Pitch Volatiles
- 5 - Benzene Soluble fraction
- 6 – Cyclohexane-extractable fraction
- 7 - Benzene Soluble Aerosol
- NA – not applicable
- PPM – parts of airborne contaminant per million parts of air (by volume)
- mg/m<sup>3</sup> – milligrams of airborne contaminant per cubic meter of air
- IP – ionization potential
- eV – electron volt

OSHA PELs, ACGIH TLVs, and NIOSH RELs provide time-weighted averages (TWAs), which are defined as concentrations for a normal 8-hour workday (NIOSH RELs are based on 10 hours) and 40-hour work week to which almost all workers can be exposed repeatedly without suffering adverse health effects.

Per ACGIH, a STEL is defined as the concentration to which “workers can be exposed for short time periods without irritation, chronic or irreversible tissue damage, dose-rate-dependent toxic effects, or narcosis sufficient to be likely to increase the likelihood of accidental injury, impaired self-rescue or materially reduced work efficiency.” The STEL is a 15-minute TWA. STELs are used by OSHA, ACGIH, and NIOSH.

IP refers to ionization potential which is the amount of energy required to remove an electron from an atom or molecule. Air sampling devices known as photo ionization detectors (PIDs) use ultraviolet (UV) light to ionize gas molecules in order to measure the presence of volatile organic compounds (VOCs). The most common light source used in PIDs is a 10.6 eV (electron volt) lamp.

### 6.1.2 Chemical Hazards of Metals of Concern

The metals detected in on-site soils and associated potential health effects are presented below. If dust control measures implemented during excavation cannot maintain dust levels at an acceptable level, the SSO will notify site workers of the

condition. Personal Protective Equipment (PPE) summarized in Section 9.0 will be utilized.

**Lead:**

Exposure Routes: Inhalation, ingestion, skin and/or eye contact.

Symptoms: Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypotension.

Target Organs: Eyes, gastrointestinal tract, central nervous system, kidneys, blood, and gingival tissue.

OSHA PEL: 0.05 mg/M<sup>3</sup> as an 8-hour TWA.

ACGIH TLV: 0.05 mg/M<sup>3</sup> as an 8-hour TWA.

**Mercury:**

Exposure Routes: inhalation, skin absorption, ingestion, skin and/or eye contact.

Symptoms: Irritation of eyes and skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.

Target Organs: Eyes, skin, respiratory system, central nervous system, kidneys.

OSHA PEL: 0.1 mg/m<sup>3</sup> as an 8-hour as a Ceiling.

ACGIH TLV: 0.025 mg/m<sup>3</sup> as an 8-hour TWA.

**Arsenic:**

Exposure Routes: Inhalation, skin absorption, skin and/or eye contact.

Symptoms: Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, respiratory irritation, hyperpigmentation of skin, potential carcinogen.

Target Organs: Liver, kidneys, skin, lungs, and lymphatic system.

Cancer Site: Lung & lymphatic cancer.

OSHA PEL: 0.01 mg/m<sup>3</sup> as an 8-hour time-weighted average (TWA).

ACGIH TLV: 0.01 mg/m<sup>3</sup> as an 8-hour time-weighted average (TWA).

**Barium:**

Exposure Routes: Inhalation, skin and/or eye contact.

Symptoms: Irritation of eyes, skin, upper respiratory system; skin burns; gastroenteritis; muscle spasm; slow pulse; extrasystoles; hypokalemia.

Target Organs: Eyes, skin, respiratory system, heart, and central nervous system.

OSHA PEL: 0.5 mg/m<sup>3</sup> as an 8-hour TWA.

ACGIH TLV: 0.5 mg/m<sup>3</sup> as an 8-hour TWA.

**Cadmium:**

Exposure Routes: Inhalation, skin and/or eye contact.

Symptoms: Pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea; vomiting; diarrhea; anosmia (loss of the sense of smell), emphysema; proteinuria; mild anemia; potential carcinogen.

Target Organs: Respiratory system, kidneys, prostate, and blood.

Cancer Site: Prostatic & lung cancer.

OSHA PEL: 0.005 mg/m<sup>3</sup> as an 8-hour TWA.  
ACGIH TLV: 0.002 mg/m<sup>3</sup> as an 8-hour TWA.

Chromium:

Exposure Routes: Inhalation, skin and/or eye contact.

Symptoms: Irritation eyes, skin; lung fibrosis.

Target Organs: Eyes, skin, and respiratory system.

OSHA PEL: 1 mg/m<sup>3</sup> as an 8-hour TWA.

ACGIH TLV: 0.5 mg/m<sup>3</sup> as an 8-hour TWA.

Selenium:

Exposure Routes: Inhalation, ingestion, skin and/or eye contact.

Symptoms: Irritation eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis, metallic taste, garlic breath, gastrointestinal disturbance; dermatitis, eye, skin burns.

Target Organs: Eyes, skin, respiratory system, liver, kidneys, blood, spleen.

OSHA PEL: 0.2 mg/M<sup>3</sup> as a Ceiling.

ACGIH TLV: 0.2 mg/m<sup>3</sup> as an 8-hour TWA.

## 6.2 Chemical Exposure and Control

### 6.2.1 Activities with Chemical Exposure Potential

The primary route of exposure during site activities in areas contaminated with VOCs, SVOCs and inorganic metals is direct dermal contact, accidental or incidental ingestion, and inhalation of contaminant laden dust. The following work areas and site related activities are areas where chemical exposure is possible:

- Areas where drilling activities will be conducted.
- Contact with soil boring cores and samples.
- Contact with purge water from monitoring wells and samples.

### 6.2.2 Potential Chemical Exposures and Exposure Action Levels

#### 6.2.2.1 Metals

Exposure potential exists during excavation of soils. Airborne dust can be an issue during soil excavation operations and skin contact can be anticipated during handling. Potential worker exposures exist, through accidental ingestion and direct skin contact, during the soil boring task, as airborne dusts can be generated. Semi-volatile organic compounds typically adhere to the airborne soil particles while metals are liberated as well. Of the metals identified in the soil samples, Mercury, with a Threshold Limit Value TLV at 0.1 mg/m<sup>3</sup> (100 ug/m<sup>3</sup>) was present in multiple soil samples. The highest level of Mercury detected in the soil samples was 1.35 mg/kg.

The highest level of Lead detected in the soil samples was 1,060 mg/kg. Assuming a uniform distribution and applying a safety factor, worker exposure can be controlled by establishing **an action level of 0.5 mg/m<sup>3</sup>** total airborne dust, through engineering

controls such as dust control. A direct reading dust monitor (e.g. TSI DustTrak) will be used as a surrogate to obtain real time data to aid in monitoring the effectiveness of dust controls. The dust monitor will be set to sample aerosols at PM<sub>10</sub> (10 micron size particles). Exposures above the action level on 2.5 mg/m<sup>3</sup>, will require the use of a NIOSH approved half-face respirator with an N or P, 100 filter.

### **6.2.2.3 VOCs**

PPE will be upgraded to include NIOSH approved half-face respirators with organic vapor cartridges, if airborne concentrations of VOCs, as measured with a direct reading Photo Ionization Detector (PID) exceed 10 ppm or are above background level during on-site activities.

If PID readings in the areas above and surrounding the work area exceed 25 ppm, all on-site activities will be suspended. Future PPE selected will depend on the identity and concentrations of the contaminants encountered. PPE will be discussed in Section 9.

First aid equipment will be available based on MSDS requirements.

To summarize, dust generated during excavation activities will be monitored continuously using a particulate air monitoring instrument. VOC levels during excavation activities will be continuously monitored using a PID. In the western parking area, the above monitoring activities will be supplemented by usage of a mercury vapor analyzer. Exposure monitoring will be further discussed in Section 9.

### **6.2.3 Exposure Control**

A combination of PPE and engineering controls will be utilized to control skin contact and airborne exposures. Engineering controls will consist of demarcating areas to be bored and allow required personnel only in the work areas. Dust suppression will be used whenever possible to keep dust from becoming airborne. PPE will be discussed in Section 9.

The following chemical exposure control measures will be implemented during the proposed site investigations:

- The SSO will perform air monitoring (see Section 5.0) in the worker's breathing zone to determine exposure to VOCs during field activities. If exposures exceed the action levels, respiratory protection, as discussed in Section 8.1, will be donned.
- To avoid direct dermal contact with potentially contaminated media, chemical protective clothing, as described in Section 9.1, will be required when collecting samples and decontaminating sampling equipment.

- 
- Although highly unlikely, exposure to all of the contaminants of concern may occur via ingestion (hand-to-mouth transfer). The decontamination procedures described in Section 11.0 address personal hygiene issues that will limit the potential for contaminant ingestion.

## **7.0 Physical Hazards and Controls**

### **7.1 Utility Hazards**

#### **7.1.1 *Underground Utilities***

New York law requires that, at least 48 hours prior to initiation of any subsurface work, a utility clearance be performed at the site. The driller will contact New York One Call (811) to request a mark-out of underground utilities in the proposed sampling areas. Work will not begin until the required utility clearances have been performed. Public utility clearance organizations typically do not mark-out underground utility lines that are located on private property. As such, the driller must exercise due diligence and try to identify the location of any private utilities on the properties being investigated. This requirement can be fulfilled in several ways, including:

- obtaining as-built drawings for the areas being investigated from the property owner;
- visually reviewing each proposed excavation location with the property owner or knowledgeable site representative;
- identifying a no-drilling/digging zone; or
- hand digging in the proposed drilling/excavation locations if insufficient data is available to accurately determine the location of the utility lines.

The exact location of these utilities is not known at this time. A public and private mark-out of utilities leading to the subject property will be performed.

#### **7.1.2 *Overhead Utilities***

Be particularly aware of overhead power lines in the work area. Any vehicle or mechanical equipment capable of having parts of its structure elevated (drill rig, crane, etc.) near energized overhead lines shall be operated so that a clearance of at least ten (10) feet is maintained. If the voltage is higher than 50kV, the clearance shall be increased four (4) inches for every 10kV over that voltage.

### **7.2 Traffic Concerns**

If work is to be performed at exterior locations where traffic may be a concern, the following precautions should be followed. All are designed to draw attention to the work and to warn other people of the activities.

- Notify the property owner of your work location, dates of work and the anticipated work times. Suggest the possibility of a detour around the work area.
- Wear a neon green safety vest. If work is being performed at dawn, dusk or evening, the vests must have reflective tape.
- Set up traffic cones 50 feet in front of the work area. “Work Zone” signs should also be placed in a conspicuous area to warn others of your presence.

### **7.3 Excavation Hazards**

Use of an excavator will require all personnel in the vicinity of the operating rig to wear steel-toed boots, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All machinery with exposed moving parts must be equipped with an operational emergency stop device. Operators and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter.
- The operator must never leave the controls while the tools are operating unless all personnel are kept clear of operating equipment.
- Operators, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.
- Only equipment that has been approved by the manufacturer may be used in conjunction with site equipment.

### **7.4 Noise Exposure**

The use of the drilling rig will generate noise levels that will require the use of hearing protection in the immediate vicinity. Appropriate earmuffs or earplugs (i.e., with an NRR greater than 25 dB) should be worn to prevent overexposure. The general rule of thumb is that if you have to raise your voice to be understood by someone who is standing 3 to 5 feet away from you, the noise levels are likely to be above 85 dB and therefore require the use of hearing protection.

### **7.5 Back Safety**

Using the proper techniques to lift and move heavy pieces of equipment, such as drums of investigation-derived wastes, are important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects, such as drums of investigation derived wastes, that are too heavy to be moved manually.
- If mechanical devices are not available, ask another person to assist you.
- Bend at the knees, not the waist. Let your legs do the lifting.
- Do not twist while lifting.
- Bring the load as close to you as possible before lifting.
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards.

## 7.6 Electrical Safety

If using portable tools that are electrically powered, follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power during field operations is of the three (3) wire grounding type.
- Extension cords used for field operations should be of the three (3) wire grounding type and designed for hard or extra-hard usage. This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO.
- NEVER remove the ground plug blade to accommodate ungrounded outlets.
- Do not use extension cords as a substitute for fixed or permanent wiring. Do not run extension cords through openings in walls, ceilings or floors.
- Protect the cord from becoming damaged if the cord is run through doorways, windows or across pinch points.
- Examine extension and equipment cords and plugs prior to each use. Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades must be removed from service immediately.
- All portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit that is protected by a ground fault circuit interrupter (GFCI). GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. Do not continue to use a piece of equipment or extension cord that causes a GFCI to trip.
- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres.
- Do not touch a victim who is still in contact with current. Separate the victim from the source using a dry, non-metallic item such as a broom stick or cardboard box. Be sure your hands are dry and you are standing on a dry surface. Turn off the main electrical power switch and then begin rescue efforts.

## 7.7 Thermal Stress

The hazards of both heat and cold stress are addressed in this HASP.

### 7.7.1 Heat Stress

#### Types of Heat Stress

Heat related problems include heat rash, fainting, heat cramps, heat exhaustion and heat stroke. Heat rash can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. Fainting may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities that require standing erect and immobile in the heat for long periods of time. Heat cramps are painful spasms of the muscles due to excessive salt loss associated with profuse

sweating. Heat exhaustion results from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache.

Heat stroke occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions could occur. Early recognition and treatment of heat stroke are the only means of preventing brain damage or death. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling. Immediate medical assistance is needed in case of heat stroke. Dial 911 to request an ambulance.

Increased body temperature and physical discomfort also promote irritability and a decreased attention to the performance of hazardous tasks.

#### Early Symptoms of Heat-Related Health Problems:

- decline in task performance
- incoordination
- decline in alertness
- unsteady walk
- excessive fatigue
- reduced vigilance
- muscle cramps
- dizziness

#### Susceptibility to Heat Stress Increases due to:

- lack of physical fitness
- lack of acclimation
- increased age
- dehydration
- obesity
- drug or alcohol use
- sunburn
- infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

#### The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain personal protective equipment (PPE), particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

#### Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom).
- Identify a shaded, cool rest area.
- Rotate personnel, alternate job functions.
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluids than needed because of an insufficient thirst. Do not depend on thirst to signal when and how much to drink. For an 8-hour work day, 50 ounces of fluids should be consumed.
- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt.
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night.
- Avoid alcohol during prolonged periods of heat. Alcohol will cause additional dehydration.
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above-mentioned measures will be the joint responsibility of the PM and SSO. Potable water and fruit juices should be made available each day for the field team.

#### Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method:

Check radial pulse rates by using fore- and middle fingers and applying light pressure to the pulse in the wrist for one (1) minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beats/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle again by one-third.

#### **7.7.2 Cold Stress**

##### Types of Cold Stress

Cold injury is classified as either localized, as in frostbite, frostnip or chilblain; or generalized, as in hypothermia. The main factors contributing to cold injury are exposure to humidity and high winds, contact with wetness and inadequate clothing.

The likelihood of developing frostbite occurs when the face or extremities are exposed to a cold wind in addition to cold temperatures. The freezing point of the skin is about 30°F. The fluids around the cells of the body tissue freeze, causing the skin to turn white. This freezing is due to exposure to extremely low temperatures. As wind velocity increases, heat loss is greater and frostbite will occur more rapidly.

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## Symptoms of Cold Stress

The first symptom of frostbite is usually an uncomfortable sensation of coldness, followed by numbness. There may be a tingling, stinging or aching feeling in the affected area. The most vulnerable parts of the body are the nose, cheeks, ears, fingers and toes.

Symptoms of hypothermia, a condition of abnormally low body temperature, include uncontrollable shivering and sensations of cold. The heartbeat slows and may become irregular, the pulse weakens and the blood pressure changes. Pain in the extremities and severe shivering can be the first warning of dangerous exposure to cold.

Maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger and exposure to cold must be immediately terminated. Productive physical and mental work is limited when severe shivering occurs.

## Methods to Prevent Cold Stress

When the ambient temperature, or a wind chill equivalent, falls to below 40°F, site personnel who must remain outdoors should wear insulated coveralls, insulated boot liners, hard hat helmet liners and insulated hand protection. Wool mittens are more efficient insulators than gloves. Keeping the head covered is very important, since 40% of body heat can be lost when the head is exposed. If it is not necessary to wear a hard hat, a wool knit cap provides the best head protection. A face mask may also be worn.

Persons should dress in several layers rather than one single heavy outer garment. The outer piece of clothing should ideally be wind and waterproof. Clothing made of thin cotton fabric or synthetic fabrics such as polypropylene is ideal since it helps to evaporate sweat. Polypropylene is best at wicking away moisture while still retaining its insulating properties. Loosely fitting clothing also aids in sweat evaporation. Denim is not a good protective fabric. It is loosely woven which allows moisture to penetrate. Socks with a high wool content are best. If two pairs of socks are worn, the inner sock should be smaller and made of cotton, polypropylene or a similar type of synthetic material that wicks away moisture. If clothing becomes wet, it should be taken off immediately and a dry set of clothing put on.

If wind conditions become severe, it may become necessary to shield the work area temporarily. The SSO and the PM will determine if this type of action is necessary. Heated break trailers or a designated area that is heated should be available if work is performed continuously in the cold at temperatures, or equivalent wind chill temperatures of 20°F.

Dehydration occurs in the cold environment and may increase the susceptibility of the worker to cold injury due to significant change in blood flow to the extremities. Drink plenty of fluids, but limit the intake of caffeine.

## 8.0 Air Monitoring

### 8.1 Monitoring Parameters and Action Levels

Air monitoring of the breathing zone at the source of ground intrusive work in addition to upwind and downwind of ground intrusive work will be conducted continuously during all ground intrusive activities to assure proper health and safety protection for the team, workers, passersby and adjoining community.

VOCs will be monitored with a PID in accordance with the NYSDOH Generic CAMP. If sustained VOC measurements 5 ppm above the background for the 15-minute average, then the intrusive work will be temporarily halted, dust suppression techniques will be implemented and more rigorous monitoring of VOCs and dust will be conducted. Level C respiratory protection may be donned in accordance with the HASP, if the action level is exceeded.

Fugitive dust generation that could affect Site workers, Site occupants, or the public is not expected because the majority of work will be conducted in moist soil. Soil that is not moist will be wetted as appropriate to minimize visible dust emissions. Particulate monitoring will be conducted at the perimeter of the Site (upwind and downwind stations). If dust levels are observed at 100 micrograms per cubic meter greater than the background concentrations for a duration exceeding 15 or more minutes, work activities will be suspended until dust levels are diminished to an acceptable level.

All monitoring instruments must be calibrated and maintained periodically. Calibration and on-site maintenance records will be kept in the field logbook. The operator must understand the limitations and possible sources of errors for each instrument. It is important that the operator checks that the instrument responds properly to the substances it was designed to monitor. Portable air quality monitoring equipment that measures total volatile organic compounds present such as the Rae Systems MiniRae 2000 (or equivalent) photo ionization detector (PID) must be calibrated at least once per week. Dust monitors must be calibrated at least once a week. The specific instructions for calibration and maintenance provided for each instrument should be followed.

See Appendix C (CAMP) of the RIWP for further detail.

Site air monitoring data will be reviewed weekly by a Certified Industrial Hygienist (CIH). Electronic copies of all air monitoring data will be maintained by the CIH. Air monitoring results will be recorded in the field book during site activities and made available for NYSDEC and NYSDOH review.

The following table summarizes **air monitoring action levels** established for the site:

Contaminants	Action level	Actions
<b>Organic Vapor</b>		Measure and record the upwind background concentration.
	Reading <b>less than 10 ppm</b> above background for a sustained period of 15 minutes in WBZ.	Continue work in Level D protection.
	Reading <b>greater than 10 ppm</b> above background for a sustained period of 15 minutes in the WBZ	Discontinue work, allow work area to ventilate, collect additional PID readings. If concentrations remain greater than 10 ppm, work can resume in Level C protection with respiratory protection equipped with organic vapor cartridges.
	Readings <b>greater than 100 ppm</b> above background for a sustained period of 15 minutes in the WBZ.	Discontinue work, allow work area to ventilate, collect additional PID readings until concentrations are below 100 ppm before work can resume.
<b>Dusts</b>		Measure and record the upwind background concentration.
	Reading <b>less than 100 mg/m<sup>3</sup></b> or above background for a sustained period of 15 minutes in the WBZ.	Continue work in level D protection.
	Reading <b>greater than 100 mg/m<sup>3</sup></b> or above background for a sustained period of 15 minutes in the WBZ	Discontinue work. Employ dust suppression using a water spray, collect additional airborne dust measurements. If concentrations remain greater than 100 mg/m <sup>3</sup> , work can resume in Level C protection with respiratory protection equipped with P-100 cartridges.

## 8.2 Direct Reading Instruments

A PID such as the RAE MiniRAE 2000, equipped with a 10.6 eV lamp, shall be used to monitor total VOCs during soil excavation activities. The PID is an appropriate direct-read monitoring instrument given the suspected presence of VOC contamination in on-site soil.

If warranted, based on visual observations, dust levels will be monitored using a particulate air monitoring instrument (PM10).

## 8.3 Personal Air Sampling

Due to the potential exposure to lead dust, OSHA standard 1926.62 requires the collection of initial personal air samples during the proposed activities. Attachment E provides a summary of the lead dust exposure monitoring requirements.

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## 8.4 Recordkeeping

Air monitoring results will be recorded in the field book during construction activities and data will be provided to NYSDOH and NYSDEC weekly (including sketches, illustrations, and CAMP monitoring station locations) and notifications.

Site air monitoring data will be reviewed weekly by the HSM. Electronic copies of all air monitoring data will be maintained by the HSM.

All personal exposure monitoring data pursuant to measuring exposure to lead dust must be maintained for the employee's duration of employment plus 30 years in accordance with OSHA standard 1910.1020, Access to Employee Exposure and Medical Records.

## 9.0 Personal Protective Equipment

Personal protective equipment (PPE) will be worn during site activities to prevent on-site personnel from being injured by the safety hazards posed by the site and/or the activities being performed. In addition, chemical protective clothing will be worn to prevent direct dermal contact with the site's chemical contaminants.

In general, field activities will be conducted in Level D PPE, as described in the table below. PPE will be upgraded to Level C if air monitoring demonstrates VOCs, or dust concentrations in the breathing zone exceeding the action levels outlined in Section 9.1.

If the concentration of volatile organics which can be detected with a PID equals or exceeds the specified action level (100 ppm) all field personnel associated with the project will immediately retreat to a location up-wind of the source of contamination. At this point the SSO must consult with the HSM, who will review the condition with PVEDI home office staff to discuss appropriate actions.

### 9.1 Chemical Protective Clothing

The following tables describe the Level D and Level C PPE and chemical protective clothing to be worn for general site activities and for certain specific tasks.

#### Level D PPE

PPE Item	Utility Markout	Remedial Activities	Soil Export
Hard Hat	✓	✓	✓
Steel Toed Safety Shoes	✓	✓	✓
Safety Glasses with Side shields		✓	✓
Traffic Vests	*	*	*
Inner PVC/Outer Nitrile Gloves		✓	✓
Hearing Protection		✓	✓

**Level C PPE**

PPE Item	Utility Markout	Remedial Activities	Soil Export
Hard Hat	✓	✓	✓
Steel Toed Safety Shoes	✓	✓	✓
Safety Glasses with Side shields	✓	✓	✓
Traffic Vests	*	*	*
Inner PVC/Outer Nitrile Gloves	✓	✓	✓
Hearing Protection		✓	✓
Half-Face Respirator	✓	✓	✓
Tyvek Protective Suit	✓	✓	✓

\* - when working in or near street

**9.2 Respiratory Protection**

**Level D PPE:** No respiratory protection required. Air monitoring devices will be used to determine when PPE will be upgraded to include respiratory protection (Section 6.2.2 and 8.0).

**Level C PPE:** Half-mask, air-purifying respirator equipped with organic vapor/PM100 cartridges.

Respiratory protection will also be worn if odors become objectionable at any time, if respiratory tract irritation is noticed, or if VOCs are detected in the breathing zone as discussed in Section 6.2.2. All on-site personnel who are expected to wear respiratory protection must have successfully passed a qualitative or quantitative fit-test within the past year for the brand, model and size respirator they plan to wear during the proposed activities.

**9.3 Other Safety Equipment**

The field team will bring the following additional safety items to the site for use as necessary:

- Portable, hand-held eyewash bottles
- First aid kit
- Portable communications equipment
- Fire Extinguisher

## **10.0 Site Control**

### **10.1 Work Zones**

To prevent both exposure of unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly identified. Work areas or zones will be designated as suggested in the "Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities," NIOSH/OSHA/USCG/EPA, November, 1985. They recommend the areas surrounding each of the work areas to be divided into three zones:

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ) or Decontamination Zone
- Support Zone

#### **10.1.1 Exclusion Zone**

An exclusion zone (work zone) will be established around each boring location. This zone will move as work progresses to each boring location. This zone should be large enough (i.e. 20-foot radius) to protect unprotected personnel from contact with vapors or dust that may arise from these operations as well as the physical hazards associated with the operation of heavy equipment. Traffic cones or tape will be used to demarcate the active exclusion zone.

All personnel entering the exclusion zone must be trained in accordance with the requirements defined in Section 12.2 of this HASP and must wear the prescribed level of personal protective equipment.

#### **10.1.2 Contamination Reduction Zone**

The decontamination zone will be established adjacent to the exclusion zone. Personnel will remove contaminated gloves and other disposable items in this area and place them in a plastic bag until they can be properly disposed of. Reusable equipment, if any, will be decontaminated with tap water, deionized water, methanol, nitric acid and a liquid detergent solution.

#### **10.1.3 Support Zone**

At this site, the support zone will include the area outside of the decontamination zone.

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## 10.2 Safety Practices

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.
- Smoking is prohibited in all work areas. Matches and lighters are not allowed in these areas.
- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- Beards or other facial hair that interfere with respirator fit are prohibited.
- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.
- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.

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## **11.0 Decontamination**

Decontamination of equipment and personnel potentially exposed to lead must be in accordance with lead standard 29 CFR 1926.62. See Attachment E for further details.

### **11.1 Personal Decontamination**

Proper decontamination is required of all personnel before leaving the site. Decontamination will occur within the contamination reduction zone. Disposable PPE will be removed in the decontamination zone and placed in lined garbage bags.

If worn, respirators will be cleaned after each use with respirator wipe pads and will be stored in plastic bags after cleaning.

Regardless of the type of decontamination system required, a container of potable water and liquid soap will be made available so employees can wash their hands before leaving the site for lunch or for the day.

### **11.2 Equipment Decontamination**

Reusable equipment, if any, will be decontaminated with tap water, deionized water, methanol, nitric acid and a liquid detergent solution. A complete description of decontamination procedures is presented in Appendix E – Standard Operating Procedure to the Work Plan.

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## **12.0 Medical Monitoring and Training Requirements**

### **12.1 Medical Monitoring**

Due to the potential exposure to lead dust, OSHA standard 1926.62 requires baseline medical surveillance for personnel working at the site. Medical monitoring requirements are summarized in Attachment E.

### **12.2 Health and Safety Training**

Although not a requirement for the activities at this site, personnel performing activities covered by this HASP are recommended to have completed the appropriate training requirements specified in 29 CFR 1910.120(e). Each individual should have completed an annual 8-hour refresher-training course and/or initial 40-hour training course within the last year prior to performing any work on the sites covered by this HASP.

Furthermore, if employee exposure monitoring results determine lead exposure to be present, employees should be trained in accordance with 1926.62. See Attachment E for details.

### **12.3 Pre-Entry Briefing**

The SSO will conduct a pre-entry briefing before site activities begin. HASP receipt and acceptance sheets will be collected at this meeting. Short safety refresher meetings will be conducted, as needed, throughout the duration of the project. Attendance of the pre-entry meeting is mandatory and will be documented by the SSO. An attendance form is presented in Attachment B.

## 13.0 Emergency Response

OSHA defines emergency response as any "response effort by employees from outside the immediate release area or by other designated responders (i.e., mutual-aid groups, local fire departments, etc.) to an occurrence which results, or is likely to result in an uncontrolled release of a hazardous substance." On-site personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). Response actions will be limited to evacuation and medical/first aid as described within this section below. As such this section is written to comply with the requirements of 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include:

- employee training,
- alarm systems,
- escape routes,
- escape procedures,
- critical operations or equipment,
- rescue and medical duty assignments,
- designation of responsible parties,
- emergency reporting procedures and
- methods to account for all employees after evacuation.

### 13.1 Employee Training

Employees must be instructed in the site-specific aspects of emergency evacuation. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed. The SSO must verify the specific evacuation procedures that the facility prefers contractors follow in the event of a facility-related emergency. This information will be communicated to the field team during the pre-entry briefing.

### 13.2 Alarm Systems/Emergency Signals

An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be direct verbal communication. Each site must be assessed at the time of initial site activity and periodically as the work progresses. Verbal communication must be supplemented anytime voices cannot be clearly perceived above ambient noise levels (i.e., noise from drilling probe) and anytime a clear line-of-sight cannot be easily maintained among all personnel because of distance, terrain or other obstructions.

Verbal communication will be adequate to warn on-site personnel of hazards associated with the immediate work area. However, the two-person sampling team may be split up during the day to expedite sampling. Each team member will be equipped with a cellular

phone to ensure immediate communication can occur between each other. These phones can also be used to contact local emergency responders.

### **13.3 Escape Routes and Procedures**

The SSO will verify the escape routes from each work area with a facility representative. Assembly areas must also be identified. The escape routes and assembly areas will be reviewed during the pre-entry briefing. All personnel on site are responsible for knowing the escape route from the site and where to assemble after evacuation.

### **13.4 Rescue and Medical Duty Assignments**

The phone numbers of the police and fire departments, ambulance service, local hospital, and project representatives are provided in the emergency reference sheet and on the cover of this HASP. This sheet will be posted in the site vehicle.

In the event an injury or illness requires more than first aid treatment, the SSO will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The SSO will relay all appropriate medical information to the on-site project manager and the HSM.

If the injured employee can be moved from the accident area, he or she will be brought to the contamination reduction zone where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

### **13.5 Designation of Responsible Parties**

The SSO is responsible for initiating emergency response. In the event the SSO cannot fulfill this duty, the PM or HSO will take charge.

### **13.6 Employee Accounting Method**

The SSO is responsible for identifying all personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting is possible.

### **13.7 Accident Reporting and Investigation**

Any incident (other than minor first aid treatment) resulting in injury, illness or property damage requires an accident investigation and report. The investigation should be conducted as soon as emergency conditions are under control. The purpose of the investigation is not to attribute blame but to determine the pertinent facts so that repeat or similar occurrences can be avoided. An accident investigation form is presented in

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Attachment C of this HASP. The Supervisor of the injured personnel and the HSM should be notified immediately of the injury.

If a subcontractor personnel is injured, they are required to notify the SSO. Once the incident is under control, the subcontractor will submit a copy of their company's accident investigation report to the SSO.

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**Emergency references**

**Ambulance:** Notify 911

**Emergency Room:** Notify 911

**Fire:** Notify 911

**NYSDEC Spill Hotline:** 1 (800) 457-7362

**NYSDEC Project Manager:** Christopher O’Neill  
(518) 357-2394

**NYSDOH Project Manager:** Emelina Rieseler  
(518) 402-7860

**Client Representative:** Conor Tarbell  
(845) 454-2544

**Police:** Notify 911

**Hospital:** **Columbia Memorial Hospital – Emergency Room**  
71 Prospect Avenue  
Hudson, New York 12534  
(518) 828-7601

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**ATTACHMENT A**

**Health and Safety Plan Receipt and Acceptance Form**



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**ATTACHMENT B**

**Health and Safety Plan Pre-Entry Briefing Attendance Form**



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**ATTACHMENT C**

**Supervisor's Accident Investigation Report Form**

### SUPERVISOR'S ACCIDENT INVESTIGATION REPORT

Injured Employee \_\_\_\_\_ Job Title \_\_\_\_\_

Home Office \_\_\_\_\_ Division/Department \_\_\_\_\_

Date/Time of Accident \_\_\_\_\_

Location of Accident \_\_\_\_\_

Witnesses to the Accident \_\_\_\_\_

Injury Incurred? \_\_\_\_\_ Nature of Injury \_\_\_\_\_

Engaged in What Task When Injured? \_\_\_\_\_

Will Lost Time Occur? \_\_\_ How Long? \_\_\_\_\_ Date Lost Time Began \_\_\_\_\_

Were Other Persons Involved/Injured? \_\_\_\_\_

How Did the Accident Occur? \_\_\_\_\_

What Could Be Done to Prevent Recurrence of the Accident? \_\_\_\_\_

What Actions Have You Taken Thus Far to Prevent Recurrence? \_\_\_\_\_

Supervisor's Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Reviewer's Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**Note: If the space provided on this form is insufficient, provide additional information on a separate page and attach. The completed accident investigation report must be submitted to the Health and Safety Manager within two days of the occurrence of the accident.**

## ATTACHMENT D

### **Summary of OSHA Lead in Construction Standard (29CFR1926.62)**

#### **(a) Scope**

This standard covers all construction work where an employee may be exposed to lead, including metallic lead, inorganic lead compounds, and organic lead soaps, but not organic lead compounds.

#### **(b) Definitions**

An airborne lead level of 30 µg/m<sup>3</sup> is called the Action Level (AL). Having airborne lead concentrations at or above the AL triggers certain health and safety measures described in this standard.

#### **(c) Permissible Exposure Limit (PEL)**

The 8-hour Permissible Exposure Limit (PEL) is 50 µg/m<sup>3</sup> of airborne lead. If the work day is longer than 8 hours, the PEL is 400/number of hours worked per day. The employer must ensure that no employee is exposed to lead at concentrations over the PEL.

#### **(d) Exposure Assessment**

Exposure assessment must be performed in all workplaces where employees may be exposed to lead.

#### **(d)(1) Protection of Employees During Assessment of Exposure**

Three sets of specified tasks (often referred to as “trigger tasks”) trigger basic protective measures where lead is present, until the employer performs an employee exposure assessment. (Exposure assessment is an initial determination via air monitoring, or previous monitoring of a very similar job within the last 12 months.) For all three sets of tasks, employers are required to provide the following basic protective measures until air monitoring indicates exposure levels are at or below the PEL:

- Appropriate respiratory protection (type of respirator is specified according to assumed airborne lead level)
- Appropriate personal protective equipment
- clean work clothes such as coveralls at least weekly (daily if greater than 200 µg/m<sup>3</sup> lead in air); gloves, hats, shoes or disposable shoe coverlets, face shields, vented goggles or other appropriate equipment.
- Change areas with separate storage facilities for work and street clothes - the employer shall assure that employees do not leave the workplace with work clothes or equipment.
- Hand washing facilities - the employer shall assure that employees wash their hands and face at the end of each work shift.
- Biological monitoring - consisting of initial or baseline blood sampling for lead and zinc protoporphyrin (ZPP).
- Training - includes Hazard Communication, respirator and lead training.

### **(d)(2) Exposure Assessment (Air monitoring)**

When air monitoring is conducted, the employer shall collect full-shift personal samples representative of an employee's regular, daily exposure to lead. Monitoring should include at least one sample for each job classification in each work area either for each shift or for the shift with the highest exposure level.

### **(d)(3) Basis of Initial Determination**

The basis of initial determination, or initial assessment of employee exposure, will be employee exposure monitoring results and relevant considerations (e.g., observations, complaints) with the following two exceptions:

- Where the employer has previously monitored for lead exposures, and the data were obtained within the past 12 months during closely similar workplace operations and conditions, the employer may rely on the earlier results; or
- Where the employer has objective data, demonstrating that a particular product or material containing lead or specific process, operation or activity involving lead cannot result in an employee exposure to lead at or above the AL during processing, use or handling, the employer may rely upon such data instead of implementing initial monitoring.

### **(d)(6) Frequency of Exposure Assessment**

If the initial determination shows exposures less than the AL, no further assessment is needed until there has been a change of equipment, process, control, personnel or a new task has been initiated.

If the initial determination is at or above the AL but at or below the PEL, then monitoring shall be done at least every six months.

If the initial determination is above the PEL, then monitoring shall be done quarterly.

### **(e) Methods of Compliance**

Exposures over the PEL shall be reduced through engineering, work practice and administrative controls, to the extent feasible. Respirators may be used to supplement other controls.

Prior to the commencement of any job where exposures may reach the PEL, the employer shall establish and implement a written compliance program, describing the lead-emitting activities and the means by which exposures will be controlled.

The compliance program shall provide for frequent, regular jobsite inspections by a person who is capable of identifying lead hazards and has authorization to take prompt corrective measures.

Where mechanical ventilation is used, the employer shall evaluate the performance as necessary to maintain effectiveness.

### **(f) Respiratory Protection**

Where respirators are used, they shall be selected on the basis of air monitoring results, with the minimum level of respirator as indicated in Table 1 below. Until monitoring results are available, the appropriate respirator is determined according to the assumed exposure associated with the task being performed, as per subsection (d) (2).

Where respirators are used, the employer shall institute a complete, written respiratory protection program in accordance with OSHA's Respiratory Protection Standard, 1910.134. The program shall outline procedures for selection, medical evaluations, use, training, cleaning and sanitizing, storage, inspection and maintenance of respirators. The program shall be evaluated by regular inspections.

### **(g) Protective Work Clothing and Equipment**

When an employee is exposed to lead above the PEL (without regard to whether a respirator is worn), or to lead compounds which may cause irritation, the employer shall provide and assure the employee uses appropriate protective work clothing, such as coveralls or other full-body work clothing, gloves, hats, shoes or shoe coverings, and face shields, goggles or other protective equipment as needed.

Work clothing shall be provided at least weekly for employees exposed over the PEL, except daily for those exposed at levels higher than 200 µg/m<sup>3</sup>.

The employer shall provide for the cleaning or disposal of protective clothing and equipment. Clothing to be laundered must be placed in a closed container, labeled to indicate it contains lead, and the launderer must be notified of the potentially harmful effects of lead exposure.

Cleaning of protective clothing or equipment by blowing, shaking or any other means that disperses lead into the air is prohibited.

### **(h) Housekeeping**

All surfaces shall be maintained as free as practicable of accumulations of lead. Vacuums equipped with toxic dust-removing HEPA filters are the preferred method of cleaning surfaces where lead accumulates. Other types of vacuums may not be used.

Shoveling, dry or wet sweeping, and brushing may be used only where HEPA vacuuming has been tried and found to be ineffective.

Use of compressed air for cleaning is prohibited, unless there is a ventilation system to capture the dust created by the compressed air.

**(i) Hygiene Facilities, Practices and Regulated Areas**

The employer shall assure that all employees exposed to lead above the PEL wash their hands and face prior to eating, drinking, smoking or applying cosmetics.

The employer shall provide, for ALL employees exposed to lead, adequate hand washing facilities, and assures (in the absence of shower facilities) that employees wash their hands and face at the end of the work shift.

In areas where employees are exposed to lead above the PEL, the employer shall assure that food or beverages are not present or consumed, tobacco products are not present or used and cosmetics are not applied.

Employees exposed to lead above the PEL shall be provided with clean change areas with separate storage facilities for work and street clothing, to prevent cross-contamination.

The employer shall assure that employees do not leave the workplace wearing any protective clothing or equipment that was worn during the work shift.

Shower facilities, soap and towels shall be provided, where feasible, for employees exposed to lead above the PEL, and the employer shall assure that these employees shower at the end of the work shift.

Employees exposed to lead above the PEL shall be provided with a clean lunchroom or eating area. The employer shall assure that the lunch area is kept free from lead accumulation and that employees do not enter the lunch area with protective work clothing or equipment that has not been cleaned by vacuuming or other method that limits dispersion of lead dust.

**(j) Medical Surveillance**

The employer shall assure that the lead medical program (including all medical examinations and procedures performed) is under the supervision of a licensed physician. The employee has the right to seek a second medical opinion regarding the lead medical evaluation, at the expense of the employer, and if necessary, a third physician may be requested to resolve any disagreements between the first two.

Prophylactic chelation, the routine use of chelating drugs to lower blood lead levels in persons occupationally exposed to lead is prohibited.

**(j)(2) Biological Monitoring**

Initial blood sampling and analysis for blood lead levels (BLL) and zinc protoporphyrin (ZPP) are required for employees performing any of the specified trigger tasks, or for any employee exposed to an air lead level at or above the AL for at least 1 day.

Employees who are or may be exposed at or above the AL for more than 30 days in any consecutive 12 months, must be enrolled in a medical surveillance program, including BLL and ZPP at least every 2 months for the first 6 months, and every 6 months thereafter.

Any employee with a BLL at or above 40 µg/dl shall have a BLL and ZPP every two months until two consecutive samples are less than 40 µg/dl.

Any employee with a BLL above 50 µg/dl shall receive a follow-up BLL within 2 weeks after the employer receives the results of the first test.

For those employees temporarily removed from their jobs involving lead exposure (see subsection (k), Medical Removal Protection), a BLL and ZPP must be provided every month during the removal period.

### **(j)(3) Medical Examinations and Consultations**

A medical exam shall be provided annually for all employees who had a BLL at or above 40 µg/dl during the preceding 12 months.

A medical exam shall be provided to any employee who reports signs or symptoms related to lead poisoning, desires medical advice regarding the effects of lead exposure on the employee's ability to produce a healthy child, is pregnant, or has difficulty breathing while wearing a respirator.

A medical exam shall be provided as medically appropriate to any employee removed from his/her usual job involving exposure to lead.

### **(k) Medical Removal Protection (MRP)**

#### **(k)(1) Temporary Medical Removal and Return**

The employer shall remove an employee from work involving exposure to lead at or above the AL on each occasion that a BLL and follow-up test is at or above 50 µg/dl.

An employee who has been removed due to an elevated BLL can return to his/her former job after having two consecutive BLLs at or below 40 µg/dl.

### **(l) Employee Information and Training**

The employer shall provide information about lead hazards, according to the Hazard Communication Standard 1910.1200, to all employees exposed to lead.

For all employees exposed to lead at or above the AL on any day, exposed to lead compounds that cause eye or skin irritation, or who perform any of the specified trigger tasks, the employer shall provide initial (pre-placement) training that includes: the content of this standard and appendices; the operations that may cause lead exposure at or above the AL; the purpose, proper selection, fitting, use and limitations of respirators; the purpose and description of the medical surveillance program, including the adverse health effects of lead exposure (especially on reproduction); the engineering controls and work practices relevant to the employee's job assignment; the contents of any compliance plan in effect; the

location of regulated areas; the prohibition against routine use of chelation agents; the employee's right of access to records.

For all employees exposed to lead at or above the AL on any day, the above training must be provided annually.

**(m) Signs**

In regulated areas (work areas where employee exposure is above the PEL and/or trigger tasks are performed), the employer shall post a warning sign with the words:

WARNING: LEAD WORK AREA  
POISON - NO SMOKING OR  
EATING

**(n) Record Keeping**

The employer is required to maintain detailed records on exposure assessment, including any objective data used for exemption from air monitoring requirements, medical surveillance and medical removals.

**(o) Observation of Monitoring**

The employer shall provide affected employees or their designated representatives an opportunity to observe any monitoring of employee lead exposure. Observers shall be provided with and use protective equipment if required in the area, receive an explanation of the measurement procedures, observe all steps related to monitoring, and receive copies of the results.

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## FIGURES

Figure # 1 – Site Location Map

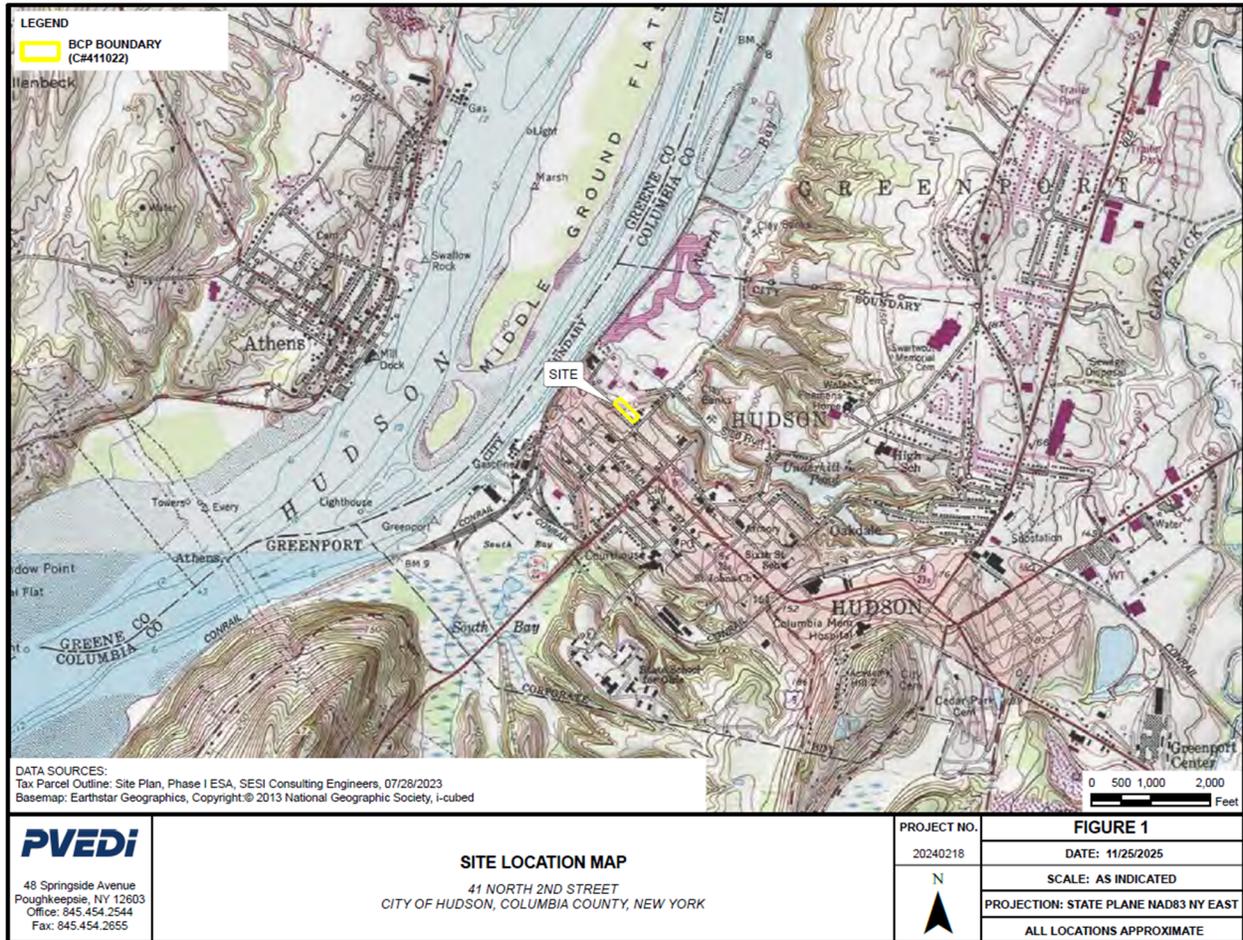


Figure # 2 – Site Features Map

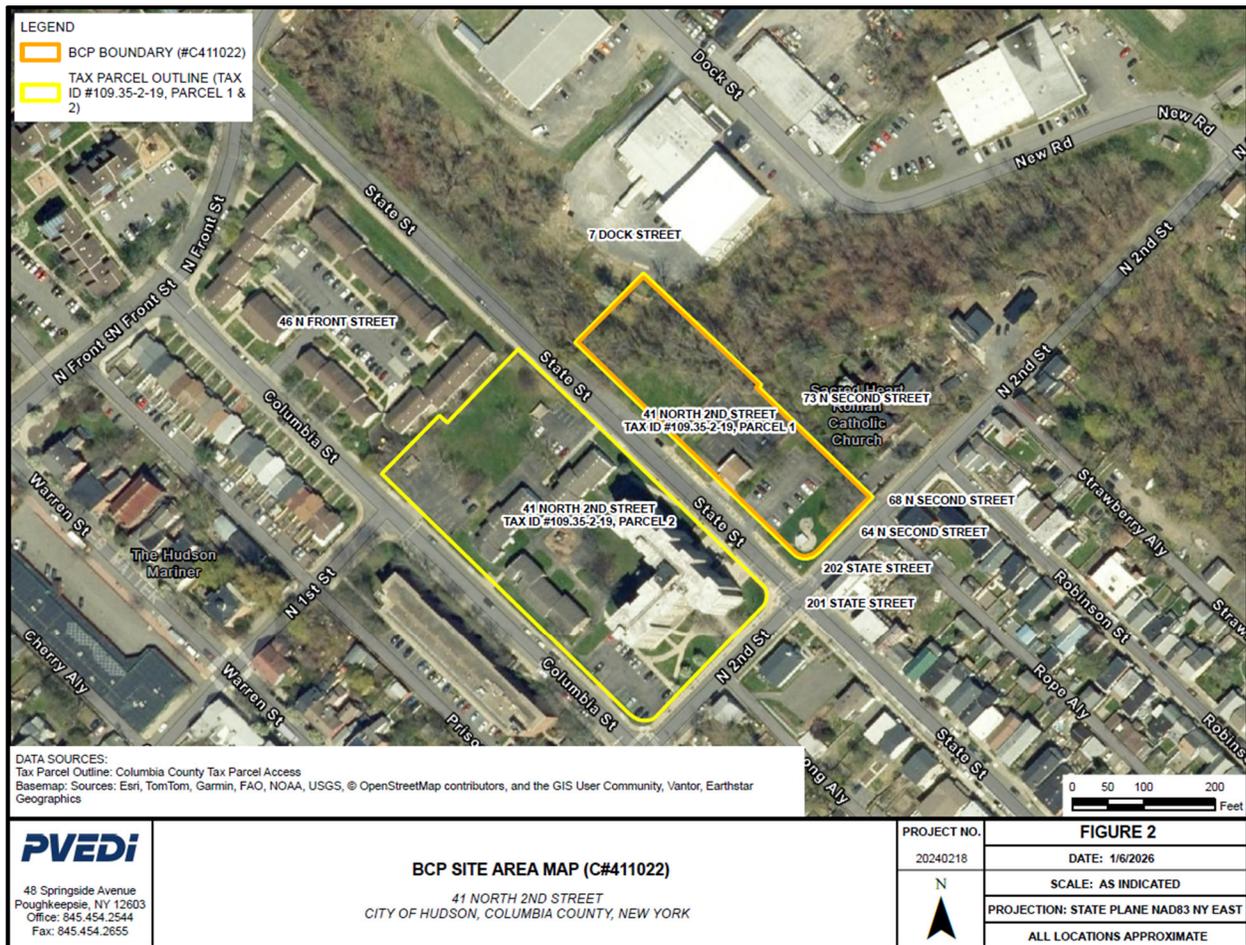
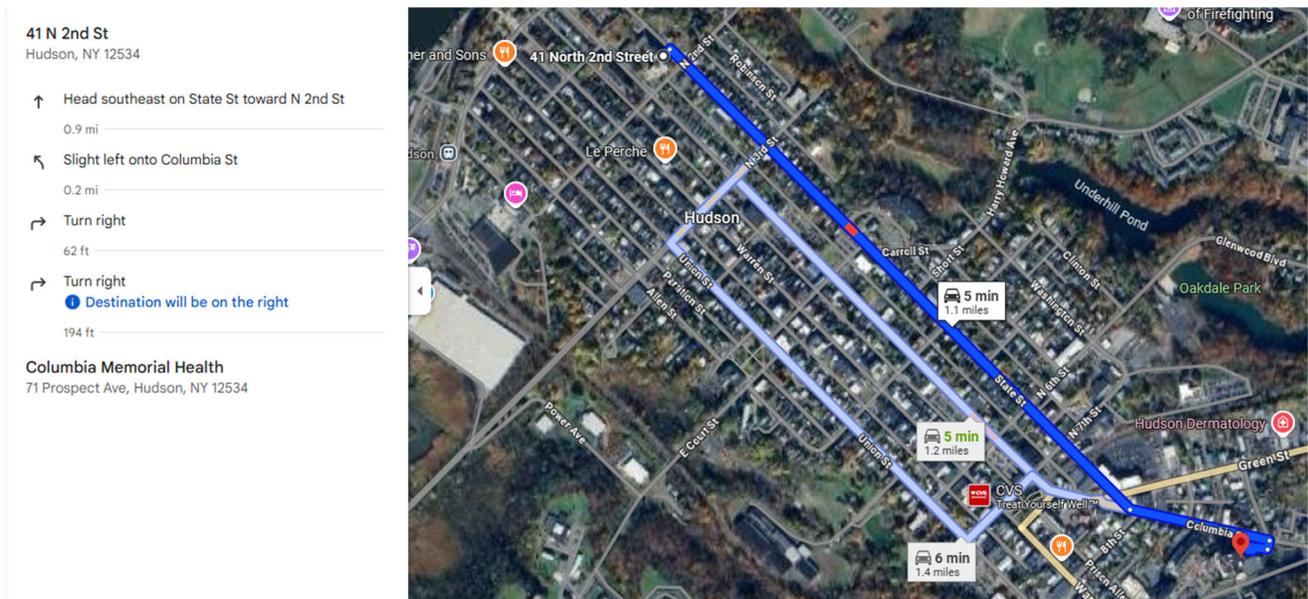


Figure #3 – Route to Nearest Hospital



APPENDIX C  
CAMP

## Appendix 1A

### New York State Department of Health Generic Community Air Monitoring Plan

#### Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical-specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

#### Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

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

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

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

### VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

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

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

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

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

### Particulate Monitoring, Response Levels, and Actions

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

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter ( $\text{mcg}/\text{m}^3$ ) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed  $150 \text{ mcg}/\text{m}^3$  above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than  $150 \text{ mcg}/\text{m}^3$  above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within  $150 \text{ mcg}/\text{m}^3$  of the upwind level and in preventing visible dust migration.

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

December 2009

**APPENDIX D  
PREVIOUS SITE ASSESSMENT  
INFORMATION**

# FIGURES

**LEGEND**

- BCP BOUNDARY (C#411022)
- + MONITORING WELL
- SOIL BORING
- + ● SOIL BORING / TEMPORARY MONITORING WELL
- ▲ SOIL VAPOR



**SB-18 2-4' 20240726**  
 =====  
 Benzo(A)Anthracene: 1.9 mg/kg  
 Benzo(A)Pyrene: 2.1 mg/kg  
 Benzo(B)Flouranthene: 2.6 mg/kg  
 Indeno(1,2,3-C,D)Pyrene: 1.6 mg/kg

**SB-13 11-12' 20240613**  
 =====  
 Arsenic: 38.5 mg/kg  
 Barium: 550 mg/kg  
 Lead: 412 mg/kg  
 Benzo(A)Anthracene: 1.3 mg/kg  
 Indeno(1,2,3-C,D)Pyrene: 0.65 mg/kg

**SB-12 8-9' 20240613**  
 =====  
 Arsenic: 28.6 mg/kg

**SB-11 10-12' 20240612**  
 =====  
 Arsenic: 40.1 mg/kg  
 Barium: 535 mg/kg  
 Lead: 735 mg/kg  
 Mercury: 1.35 mg/kg  
 Benzo(A)Pyrene: 1.1 mg/kg  
 Benzo(B)Flouranthene: 1.4 mg/kg  
 Indeno(1,2,3-C,D)Pyrene: 0.83 mg/kg

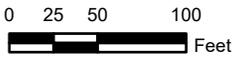
**SB-10 5-6' 20240612**  
 =====  
 Arsenic: 17.9 mg/kg  
 Mercury: 0.944 mg/kg  
 Benzo(B)Flouranthene: 1.2 mg/kg  
 Indeno(1,2,3-C,D)Pyrene: 0.66 mg/kg

**SB-20 7-8' 20240726**  
 =====  
 Lead: 951 mg/kg  
 Mercury: 1.21 mg/kg  
 Benzo(A)Anthracene: 2.8 mg/kg  
 Benzo(A)Pyrene: 2.8 mg/kg  
 Benzo(B)Flouranthene: 2.3 mg/kg  
 Dibenze(A,H)Anthracene: 0.54 mg/kg  
 Indeno(1,2,3-C,D)Pyrene: 2.5 mg/kg

**SB-6 0.5-2' 20240612**  
 =====  
 Arsenic: 21.6 mg/kg  
 Barium: 508 mg/kg  
 Lead: 1060 mg/kg  
 Mercury: 1.01 mg/kg

**SB-7 12-16' 20240612**  
 =====  
 Mercury: 0.880 mg/kg

NYSDEC Part 375 Residential SCOs (RRSCOs)	
Parameter	RRSCOs
<b>SVOCs (mg/kg)</b>	
Benzo(A)Anthracene	1
Benzo(A)Pyrene	1
Benzo(B)Flouranthene	1
Dibenz(A,H)Anthracene	0.33
Indeno(1,2,3-C,D)Pyrene	0.5
<b>METALS (mg/kg)</b>	
Arsenic	16
Barium	400
Lead	400
Mercury	0.81



**DATA SOURCES:**  
 Tax Parcel Outline: Columbia County Tax Parcel Access  
 Sample Data: PVE, Phase II ESA, 06/2024; PVE, Supplemental Phase II ESA, 07/2024; & PVE, Supplemental Soil Investigation, 11/05/2024  
 Basemap: Microsoft, Vantor, Earthstar Geographics, Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

**PVEDi**  
 48 Springside Avenue  
 Poughkeepsie, NY 12603  
 Office: 845.454.2544  
 Fax: 845.454.2655

**SOIL SAMPLES EXCEEDING RRSCOs**  
 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO. 20240218	<b>FIGURE 1</b>
	DATE: 11/25/2025
N ▲	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

**LEGEND**

- BCP BOUNDARY (C#411022)
- + MONITORING WELL
- + o SOIL BORING / TEMPORARY MONITORING WELL

NYSDEC Class GA Groundwater Quality Standards (Class GA)	
Parameter	Class GA (mg/L)
Selenium	0.01



**DATA SOURCES:**  
 Tax Parcel Outline: Columbia County Tax Parcel Access  
 Sample Data: PVE, Phase II ESA, 06/2024; PVE, Supplemental Phase II ESA, 07/2024  
 Basemap: Earthstar Geographics, New York State, Microsoft, Vantor, Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



**PVEDi**  
 48 Springside Avenue  
 Poughkeepsie, NY 12603  
 Office: 845.454.2544  
 Fax: 845.454.2655

**GROUNDWATER SAMPLES EXCEEDING CLASS GA STANDARDS**  
 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

**PROJECT NO.**  
 20240218

N

**FIGURE 2**

DATE: 11/25/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

**LEGEND**

- BCP BOUNDARY (C#411022)
- MONITORING WELL
- SOIL BORING
- SOIL BORING / TEMPORARY MONITORING WELL
- SOIL VAPOR

**SV-3 20240611**  
 =====  
 1,2,4-Trimethylbenzene 26 ug/m3  
 1,3,5-Trimethylbenzene (Mesitylene) 6.5 ug/m3  
 2,2,4-Trimethylpentane 4.79 ug/m3  
 Benzene 8.7 ug/m3  
 Cyclohexane 13 ug/m3  
 Ethylbenzene 75 ug/m3  
 m,p-Xylene 77 ug/m3  
 Naphthalene 3.5 ug/m3  
 N-Heptane 12 ug/m3  
 N-Hexane 10 ug/m3  
 O-Xylene (1,2-Dimethylbenzene) 26 ug/m3  
 Toluene 77 ug/m3

**SV-2 20240611**  
 =====  
 1,2,4-Trimethylbenzene 25 ug/m3  
 1,3,5-Trimethylbenzene (Mesitylene) 6.5 ug/m3  
 2,2,4-Trimethylpentane 5.18 ug/m3  
 Benzene 12 ug/m3  
 Cyclohexane 4.5 ug/m3  
 Ethylbenzene 88 ug/m3  
 m,p-Xylene 81 ug/m3  
 Naphthalene 3.6 ug/m3  
 N-Heptane 9.2 ug/m3  
 N-Hexane 11 ug/m3  
 O-Xylene (1,2-Dimethylbenzene) 28 ug/m3  
 Toluene 79 ug/m3  
 Trichloroethylene (TCE) 0.64 ug/m3  
 Vinyl Chloride 0.54 ug/m3

**SV-1 20240611**  
 =====  
 1,2,4-Trimethylbenzene 29 ug/m3  
 1,3,5-Trimethylbenzene (Mesitylene) 7.4 ug/m3  
 2,2,4-Trimethylpentane 2.82 ug/m3  
 Benzene 7.3 ug/m3  
 Cyclohexane 2.8 ug/m3  
 Ethylbenzene 76 ug/m3  
 m,p-Xylene 72 ug/m3  
 Naphthalene 5.5 ug/m3  
 N-Heptane 8.5 ug/m3  
 N-Hexane 12 ug/m3  
 O-Xylene (1,2-Dimethylbenzene) 25 ug/m3  
 Toluene 60 ug/m3  
 Trichloroethylene (TCE) 0.29 ug/m3  
 Vinyl Chloride 0.56 ug/m3

**SSV-1 20240611**  
 =====  
 1,2,4-Trimethylbenzene 29 ug/m3  
 1,3,5-Trimethylbenzene (Mesitylene) 8.6 ug/m3  
 2,2,4-Trimethylpentane 3.41 ug/m3  
 Benzene 19 ug/m3  
 Cyclohexane 12 ug/m3  
 Ethylbenzene 60 ug/m3  
 m,p-Xylene 85 ug/m3  
 N-Heptane 14 ug/m3  
 N-Hexane 29 ug/m3  
 O-Xylene (1,2-Dimethylbenzene) 35 ug/m3  
 Toluene 100 ug/m3



**DATA SOURCES:**  
 Tax Parcel Outline: Columbia County Tax Parcel Access  
 Basemap: Microsoft, Vantor, Earthstar Geographics, Esri Community Maps  
 Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph,  
 GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA,  
 USFWS



**NYSDOH REGULATED COMPOUND DETECTIONS IN VAPOR SAMPLES**

41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

48 Springside Avenue  
 Poughkeepsie, NY 12603  
 Office: 845.454.2544  
 Fax: 845.454.2655

PROJECT NO.  20240218	<b>FIGURE 3</b>
	DATE: 11/25/2025
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

# Phase I ESA

# Phase I Environmental Site Assessment

For:

Columbia Apartments  
41 North 2<sup>nd</sup> Street, Parcel B  
Hudson, Columbia County, NY

Prepared for:

**Mountco Construction and  
Development Corp**

**SESI Project No:**  
13045B

**Date:**  
August 2023

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**LIST OF ACRONYMS**

<b>Acronym</b>	<b>Definition</b>
ACM	Asbestos-Containing Material
BER	Business Environmental Risk
CREC	Controlled Recognized Environmental Condition
EDR	Environmental Data Resources
ESA	Environmental Site Assessment
FOIL	Freedom of Information Law
HHA	Hudson Housing Authority
HREC	Historical Recognized Environmental Condition
LBP	Lead-based Paint
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyls
REC	Recognized Environmental Conditions
SESI	SESI Consulting Engineers, DPC
sf	square feet
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank

## 1.0 PROJECT SUMMARY

SESI Consulting Engineers (SESI), at the request of Mountco Construction and Development Corp (User) has conducted a Phase I Environmental Site Assessment (ESA) for the subject property located at 41 North 2<sup>nd</sup> Street, Parcel B, Hudson, Columbia County, New York (herein referred to as the “subject property”). The subject property is identified on local tax maps with identifier 100600-109.35-2-19. A tax map is included on **Figure 1.1**. A Site Location Map is included on **Figure 1.2**. The Site is composed of an approximately 1.412-acre lot that has been developed with a single story garage that is comprised of approximately 1,007 square feet (sf). A Site Plan is included on **Figure 1.3**.

The objective of this ESA is to identify the presence or likely presence, use or release on the subject property of hazardous substances or petroleum products as defined in the American Standard of Testing and Materials (ASTM) E1527-21 as a Recognized Environmental Condition (REC). In addition, Business Environmental Risks (BERs), Controlled Recognized Environmental Conditions (CRECs), and Historical Recognized Environmental Conditions (HRECs) were identified, if present.

The following REC has been identified:

- **REC 1 – Historic Junk Yard** – Based on the User Questionnaire, the site may have been utilized as a junk yard prior to 1965; this constitutes REC1. Further investigation is warranted for this REC.

The following BERs have been identified:

- No BERs have been identified.

The following CRECs have been identified:

- No CRECs have been identified.

The following HRECs have been identified:

- No HRECs have been identified.

The RECs are discussed further in **Section 10.0 CONCLUSIONS AND RECOMMENDATIONS** of this Report.

## 2.0 INTRODUCTION

### 2.1. PURPOSE

The purpose of this study is to determine the RECs at the subject property for due diligence purposes related to the potential acquisition of the subject property.

SESI has developed this Phase I ESA Report on behalf of the User. It has been developed in substantial conformance with the ASTM's International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-21. According to ASTM E1527-21, the following conditions were identified during this assessment:

**REC** – “(1) the presence of hazardous substances or petroleum products in, on, or at the property due to release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the property due to a release or likely to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.”

**CREC** – “A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority.”

**HREC** – “A past release that has been remediated to below residential standards and given regulatory closure with no use restrictions.”

**BER** – “A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate and is not an issue required to be investigated under this practice.”

### 2.2. SCOPE OF SERVICES

The scope of this assessment consisted of the following general tasks: a records review; a Site visit; interviews with present and past owners, operators, and occupants to the extent possible; and preparation of this ESA report. Specific tasks that were conducted included the following:

- A review of environmental databases maintained by the United States Environmental Protection Agency (USEPA) and state and local agencies within the minimum search distance. Environmental Data Resources, Inc. (EDR) prepares environmental databases used in these assessments.

- A Site reconnaissance to observe conditions and to assess the subject property location with respect to adjoining and surrounding property uses, types of development, topography, natural surface features, roadways, railroad lines and right-of-ways to identify obvious potential environmental conditions on neighboring properties.

Per ASTM E1527-21, questionnaires were provided to the User (Client), and Owner to obtain information related to the subject property.

### **2.3. SIGNIFICANT ASSUMPTIONS**

Information obtained by SESI and by third parties is assumed to be accurate and/or true. SESI makes no warranty, either implied or expressed, regarding the accuracy or validity of information supplied by others.

### **2.4. LIMITATIONS/METHODOLOGY/RELIANCE**

This ESA was prepared for the exclusive use of Mountco Construction and Development Corp, its affiliates and lenders. During the assessment, methodologies were used that conform to generally accepted practices for this type of work. The scope and character of the environmental assessment were, in professional judgment, sufficient to justify the stated conclusions, after giving due consideration to the purpose of the investigation, the data reviewed, the background history of the subject property as found in historical records, and visual observation of the subject property. No other investigation was performed other than that which is expressly noted in this Report.

This ESA was performed in accordance with ASTM E1527-21 and is subject to reasonable limits of time and cost and is intended to reduce but not eliminate uncertainty regarding the potential for RECs in connection with a property. Sampling and laboratory analysis are required to determine if soil, surface water, groundwater, air, and construction materials have been impacted by a contaminant.

The information presented in this ESA was obtained during the Site reconnaissance and from the Client, representatives of the Client, current/former property owner(s) or tenants, Federal, State, County and Local Officials, and available mapped information obtained by SESI. SESI does not certify the accuracy of the information received from outside sources.

This ESA should be used in its entirety. Use of portions of this ESA may nullify the information and/or conclusions of this ESA. Subject property observations discussed herein apply to subject property conditions as observed during Site reconnaissance only. The conclusions of this ESA do not apply to conditions that were unavailable for inspection and could not be evaluated.

SESI does not certify that the subject property is contaminant free and this ESA does not serve as a warranty. SESI's investigation was performed within the time frame requested by the client.

The activities to conduct this ESA did not include sampling and analyses of soil, surface water, groundwater, air, or construction materials unless expressed otherwise and requested by the client. Formal wetland, asbestos, mold, and/or radon evaluations were not performed and are not within the scope of work for an ESA. If additional services including underground storage tank (UST) testing, construction materials testing, or environmental sampling (soil, surface water, groundwater, air) is recommended, the results and conclusions for these tests will be provided under separate cover.

## **2.5. DISCLAIMER**

This ESA was prepared by SESI for the sole and exclusive use of Mountco Construction and Development Corp. Nothing under the Agreement between SESI and the User shall be construed to give any rights or benefits to anyone other than the User and SESI, and all duties and responsibilities undertaken pursuant to the Agreement will be for the sole and exclusive benefit of the User and SESI and not for the benefit of any other party. SESI does not intend, without its written consent, for this ESA to be disseminated to anyone other than the User, or to be used or relied upon by anyone other than the User. Use of the ESA by any other person is unauthorized and such use is at their sole risk.

### 3.0 SITE DESCRIPTION

#### 3.1. LOCATION/STRUCTURE/LEGAL DESCRIPTION

The subject property consists of an approximately 1.412-acres parcel located at 41 North 2<sup>nd</sup> Street Parcel B, Hudson, Columbia County, New York. The subject property is identified on tax map records with identifier 100600-109.35-2-19. The Site is improved by a single-story garage, paved basketball court, paved handball court, and associated parking areas and landscaping. The Site building operations include a single story garage. There is a wooded area on the northwestern portion, a parking area on the southern portion, and basketball courts and park in the center of the site. **Figure 1.2** provides a Site Location Map. A Site Plan is shown on **Figure 1.3**.

The subject property is bound to the north by a wooded area; to the west by State Street and residential apartments beyond; to the south by North 2<sup>nd</sup> Street and residential properties beyond; and to the east by church. A summary of the uses of the adjacent properties is shown on **Table 3.1** below.

**Table 3.1—Adjacent Property Uses**

Direction	Adjacent Property Use
North	Wooded area
South	North 2 <sup>nd</sup> Street and residential apartments beyond
East	A Church
West	State Street and residential apartments beyond

#### 3.2. SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is located in a residentially developed area of Hudson. The closest notable surface water body is the Hudson River located approximately 1,075-feet miles northwest of the Site.

#### 3.3. CURRENT USE OF THE PROPERTY

The Site is owned by 41 North Second Housing Development Fund Company. The Site is improved by a single-story garage, paved basketball court, paved handball court, and associated parking areas and landscaping. These are part of the residential apartment building associated with the Hudson Housing Authority

### **3.4. DESCRIPTION OF STRUCTURES, ROADS AND SITE IMPROVEMENTS**

The Site is a rectangle-shaped approximately 1.412-acre property. An estimated 1,007 sq of the Site is covered by structures. The central portion of the Site is occupied by a single-story garage. There is a wooded area on the northwestern portion, a parking area on the southern portion, and basketball courts and park in the center of the site.

## **4.0 SITE BACKGROUND INFORMATION**

### **4.1. TITLE INFORMATION**

The following title information for the subject property was available for SESI to review:

#### Deed 1

Title is vested in: 41 NORTH SECOND HOUSING DEVELOPMENTN FUND COMPANY, INC.

Deed Date: April 1, 2020

EDR Reports are provided in **Appendix A**.

### **4.2. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS**

No report was requested from EDR; however SESI did not find any information regarding environmental liens or activity and use limitations.

### **4.3. SPECIALIZED KNOWLEDGE/OTHER USER PROVIDED INFORMATION**

SESI was not provided with previous environmental reports regarding the subject property. If previous environmental documents are provided to SESI at a later date and are identified to have an impact on the findings and recommendations of this Report, a new Report will be issued to include these findings.

#### **4.3.1. INTERVIEWS**

SESI conducted interviews with operators of the subject in an effort to acquire pertinent information relating to current and historic site conditions and these interviews are summarized below.

**Name:** Michael Estes

**Company Name:** Executive Director, Hudson Housing Authority

**Date and Time of Interview:** July 20, 2023

**Type of Interview:** In person

SESI met with a HHA representative Michael Estes on July 20, 2023, for the Phase I ESA subject property inspection and SESI's Environmental Questionnaire was provided via email. Mr. Estes directed a tour of the facility. Information obtained from this interview, questionnaire and Site inspection is integrated in this Phase I ESA. A completed User Questionnaire is presented as

**Appendix B.** Based on the User Questionnaire, the site may have been utilized as a junk yard prior to 1965, this constitutes **REC1**.

#### **4.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE RECORDS**

SESI completed a review of publicly available NYSDEC mapping and database systems and the United States Environmental Protection Agency (USEPA) database system as part of this Report to determine the environmental conditions at the subject property and adjacent properties. According to the NYSDEC database; no environmental sites of concern were identified. The database information is attached to this Report as **Appendix C**. Based on our review of the NYSDEC database, surrounding properties do not have the potential to impact the Site.

#### **4.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

The Report User indicated no knowledge of any valuation reduction related to environmental concerns.

#### **4.6. OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

The Site is owned by 41 North Second Housing. The Site is a park and storage area for the adjacent residential apartment building (Hudson Housing Authority).

**5.0 RECORDS REVIEW**

**5.1. STANDARD ENVIRONMENTAL RECORD SOURCES: FEDERAL, CITY, STATE**

**5.1.1. EDR SEARCH**

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR) and reported in the EDR Radius Map Report with GeoCheck. The Report meets the government records search requirements of ASTM Standard of Practice for Environmental Site Assessments, E-1527-21. Search distances are per ASTM standards. A Radius Map Check was performed by EDR and are provided in **Appendix A**. All properties in the search area with environmental records are listed below:

**Table 5.1—Property Listings**

<b>Environmental Listing</b>	<b>Subject Property</b>	<b>0-1/8 Miles</b>	<b>1/8 - 1/4 Miles</b>	<b>1/4 - 1/2 Miles</b>	<b>1/2- 1 Mile</b>
NPL	0	0	1	0	0
SEMS	0	0	1	0	NR
SEMS-ARCHIVE	0	1	0	0	NR
RCRA-LQG	0	0	1	NR	NR
US ENG CONTROLS	0	0	1	0	NR
US INST CONTROLS	0	0	1	0	NR
SHWS	0	0	0	0	1
LTANKS	0	3	1	7	NR
UST	0	2	4	NR	NR
MOSF	0	0	1	0	NR
CBS	0	1	1	NR	NR
AST	0	0	3	NR	NR
CBS AST	0	0	1	NR	NR
MOSF AST	0	0	1	0	NR
TANKS	0	1	0	NR	NR
VCP	0	0	1	0	NR
ERP	0	0	0	1	NR
NY Spills	1	10	NR	NR	NR
RCRA NonGen / NLR	0	1	1	NR	NR
ROD	0	0	1	0	0
CONSENT	0	0	1	0	0
MANIFEST	0	1	3	NR	NR
EDR MGP	0	0	1	0	0
EDR Hist Auto	0	2	NR	NR	NR

Environmental Listing	Subject Property	0-1/8 Miles	1/8 - 1/4 Miles	1/4 - 1/2 Miles	1/2- 1 Mile
NR—Not requested at this search distance					

The EDR Radius Map Report identified operations at the Site in the following listings: NY SPILLS.

**NY SPILLS**

NY SPILLS are facilities that have documented releases/spills associated with either petroleum bulk storage or chemical bulk storage at their facilities. According to the NY SPILLS list provided by EDR, the Site is listed under National Grid. The spill occurred on January 14, 2016, and was the result of equipment failure of a transformer. The remarks stated the spill was “contained to cement, and pad clean-up complete.” The transformer is on the adjacent site (Parcel A); therefore, this does not constitute an REC. No further investigation is warranted for this spill.

The EDR Radius Map Report identified operations at nearby sites in the following listings. A discussion of these listing is provided below:

**National Priority List (NPL)**

NPL is a federal list of sites with documented hazardous waste contamination or threatened releases of hazardous compounds/substances. According to the NPL list provided by EDR, there is one (1) NPL facility (Hudson River PCBs) located within approximately 0.25 miles of the Site. Based on the distance from the Site to the facility sources and groundwater/surface water flow direction, this facility is not expected to adversely impact the site.

**Superfund Enterprise Management System (SEMS)**

SEMS is a federal system that tracks hazardous, potentially hazardous, and remedial action sites associated with the USEPA Superfund Program. According to the SEMS list provided by EDR, there is one (1) SEMS facility, Hudson River PCBs, within approximately 0.25 miles of the Site. As previously discussed, this facility is not expected to adversely impact the Site and does not constitute an REC.

**Superfund Enterprise Management System Archive (SEMS-Archive)**

SEMS-Archive is a federal list that tracks hazardous, potentially hazardous, and remedial action sites associated with the USEPA Superfund Program. Following remedial investigation at the

listed SEMS-Archive facilities, the USEPA determined that no additional assessment and/or remediation will be completed under the Superfund Program. Therefore, these sites were removed from the list. According to the SEMS list provided by EDR, there is one (1) SEMS Archive facility (Foster Refrigeration) located within approximately 0.25 miles of the Site. This facility is located east and downgradient from the Site and is not expected to adversely impact the site.

#### **RCRA Large Quantity Generator (RCRA-LQG)**

The RCRA-LQG includes a list of facilities that generate over 1,000 kilograms of hazardous waste, or over one (1) kilogram of acutely hazardous waste per month. According to the RCRA-LQG list provided by EDR, there is one (1) RCRA-LQG facility (Hudson River PCBs) within approximately 0.25 miles of the Site. However, based on the distance from the Site to the facility sources and groundwater/surface water flow direction, this facility is not expected to adversely impact the site.

#### **US Engineering Controls (US ENG CONTROL)**

The US ENG CONTROL list identifies facilities that utilize caps, building foundations, liners and/or similar methods to protect human health and the environment. According to the US ENG CONTROLS list provided by EDR, there is one (1) US ENG CONTROLS facility (Hudson River PCBs) within approximately 0.25 miles of the Site. As previously discussed, this facility is not expected to adversely impact the Site.

#### **US Institutional Controls (US INST CONTROLS)**

The US INST CONTROLS list identifies facilities that utilize administrative restrictions to groundwater use, construction, property use and post remediation care requirements to prevent exposure to remaining contamination. According to the US INST CONTROL list provided by EDR, there is one (1) US INST CONTROL facility (Hudson River PCBs) within approximately 0.25 miles of the Site. As previously discussed, this facility is not expected to adversely impact the Site.

#### **NY State Hazardous Waste Sites (NY SHWS)**

NY SHWS is a list of known contaminated facilities in New York. One (1) SHWS facility (Athens Boat Yard) is located within one (1) mile of the Site. Based on the distance relative to the subject Site, this facility does not constitute a REC.

**NY Leaking Storage Tanks (NY LTANKS)**

The NY LTANKS database contains an inventory of reported leaking underground and aboveground storage tanks. According to the NY LTANKS list provided by the EDR, there are 11 LTANKS facilities located within 0.5 miles of the Site. All tanks within close proximity to the Site and upgradient of the Site have completed cleanup and require no further action. Therefore, these tanks do not constitute a REC.

**UST: Underground Storage Tank Data**

USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program. A review of the NY UST list provided by EDR identified six (6) NY UST facilities within approximately 0.25 miles of the subject Site. Documented evidence of a UST failure was not identified on adjacent properties. Therefore, these facilities do not constitute an REC.

**Major Oil Storage Facilities (MOSF) Database/ MOSF AST**

The MOSF database identifies facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. A review of the MOSF database provided by EDR identified Ajax Hudson Terminal Inc as a MOSF and MOSF AST facility within 0.125 miles of the Site. The facility is located to the west and based on the status of the tank as inactive, this facility is unlikely to impact the Site.

**NY Chemical Bulk Storage (NY CBS/NY CBS AST)**

The NY CBS database contains registered chemical bulk storage facilities. The NY CBS list provided by the EDR identifies two (2) CBS facilities (City of Hudson WWTP and City of Hudson) and one (1) CBS AST facility (City of Hudson) located within 0.25 miles of the Site. According to EDR, this facility is listed as closed; therefore, the NY CBS and CBS AST is not expected to have adversely impacted the Site.

**NY Above Ground Storage Tank Sites (NY AST/NY Tanks)**

The NY AST/NY Tanks database contains registered ASTs and/or USTs maintained by the associated facilities. One (1) TANKS facility (City of Hudson City Garage) was identified within approximately 0.125 miles of the subject Site. Three (3) AST facilities (Foster Refrigeration, City

of Hudson and THC Enterprises) were identified within 0.25 miles. Although these facilities operate an AST(s), a release from these storage tanks has not been documented. However, since a failure of these ASTs was not documented, none of these facilities constitute a REC.

### **Voluntary Cleanup Program (VCP) Sites**

The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites. A review of NY VCP list provided by EDR identified one (1) facility (Gold's Scrap Yard) within 0.25 miles of the subject Site. The site is located upgradient of the subject property, and based on the EDR database, the Site is a former scrap yard. According to the NY SPILLS report, the spill was closed on September 8, 2004. The facility is located crossgradient and not within close proximity of the Site; therefore, this facility is unlikely to impact the Site.

### **Environmental Restoration Program Listing (ERP)**

The ERP list provides an inventory of New York brownfield facilities that have received grants to reimburse eligible cleanup costs for site investigation and remediation activities under this state program to allow the property to be reused for commercial, industrial, residential, or public use. One (1) facility (Griffin Supply Warehouse), located approximately 0.5 miles from the Site, is identified in the ERP database. From the EDR database, the results of the Site Investigation and the Interim Remedial Measure that has been performed, it was determined that no further action was necessary; therefore, this facility is unlikely to adversely impact the Site.

### **NY SPILLS**

NY SPILLS are facilities that have documented releases/spills associated with either petroleum bulk storage or chemical bulk storage at their facilities. According to the NY SPILLS list provided by EDR, there are 10 NY SPILLS sites within 0.125 miles of the subject Site. The facilities listed in the NY SPILLS database include documented spills as of April 1, 1986, as well as spills occurring since this date. Every spill facility listed in the NY SPILLS database has been closed. Additionally, facilities listed in this database that may potentially impact the subject property are likely listed in multiple databases already referenced in this Report, which provide more detailed information on the nature and extent of the reported spills. Therefore, none of the NY SPILLS sites constitute a REC.

**RCRA Non-Generators / No Longer Regulated (RCRA NonGen / NLR)**

Resource Conservation and Recovery Act Non-Generators (RCRA NonGen) database searches USEPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information about facilities that generate, transport, store, treat and/ or dispose of hazardous waste as described by RCRA. Non-generators do not presently generate hazardous waste. A review of RCRA NonGen/NLR list provided by EDR identified two (2) facilities (E A Morse & Co Inc/Dagwell BR and X-TYAL Intl Corp) within 0.25 miles of the subject Site. Since none of these facilities currently generate hazardous waste, they are not expected to adversely impact the Site.

**CONSENT/ROD**

The Consent/ROD list provides an inventory of facilities that have mandated and permanent remedies in place and superfund sites containing technical and health information to aid in the cleanup. One (1) CONSENT/ROD facility, Hudson River PCBs, is within 0.25 miles of the Site. As previously discussed, the conditions associated with this facility do not constitute a REC/AOC.

**MANIFEST Sites**

MANIFEST Facilities include a list of facilities that have generated hazardous waste or contaminants. A review of the MANIFEST list, as provided by EDR, identified four (4) MANIFEST facilities (Charles M Dagwell Inc, USEPA-Foster Refrigeration, X-TYAL Intl and Columbia County Planning and Development) within approximately 0.25 miles of the subject Site. Based on a review of the available database information, documented release events have not occurred or have met cleanup objectives and no additional remediation is required at these facilities. Therefore, they do not constitute a REC/AOC.

**EDR Manufactured Gas Plant (MGP) Sites**

The MGP list provides an inventory of facilities that formerly operated coal gas plants. A review of the EDR MGP database, as provided by EDR, has identified (1) MGP facility (Hudson Coal Tar Site) within approximately 0.25 miles of the subject Site. This facility is located south of the Site and is situated upgradient approximately 1,150 feet to the south of the subject Site. Based on the distance to the site, this facility does not constitute a REC/AOC.

**EDR Hist Auto Sites**

The EDR Hist Auto list provides an inventory of facilities that formerly operated automotive repair or automotive gas stations. A review of the EDR Hist Auto database, as provided by EDR, has identified two (2) Hist Auto facilities (Merle Oil Company Inc and Kline Floyd E) within approximately 0.125 miles of the subject Site. A review of available database information did not identify known contamination of soil and/or groundwater migrating from these facilities. Therefore, these facilities do not constitute a REC/AOC.

**EDR City Directory**

The EDR City Directory for properties in the area surrounding the subject Site included mainly commercial listings including offices, stores, service businesses, and residences.

**5.1.2. PREVIOUS ENVIRONMENTAL REPORTS**

Previous environmental reports were not provided by the User.

**5.1.3. LOCAL, COUNTY, AND STATE FOIL REQUESTS**

On July 12, 2023, SESI filed information requests with the NYSDEC, Columbia County and town of Hudson for information regarding potential incidents, spills, hazardous material storage/use and UST decommissioning records. The City of Hudson and Columbia County requests are currently pending; however, should the response contain information that alters the opinions and conclusions of this Report, SESI reserves the right to revise this Report based on this information. The NYSDEC responded with one (1) record under spill number 1510294. The spill was cleaned up and there were no signs of a spill. The spill was closed on March 23, 2016. The transformer is on the adjacent site (Parcel A); therefore, this does not constitute an REC. The FOIL requests are attached in **Appendix C**.

**5.2. PHYSICAL SETTING SOURCES**

Sources used to evaluate the physical setting of the property include:

- USGS Topographic Maps
- Aerial Photographs
- Site Reconnaissance

### **5.2.1. TOPOGRAPHY**

The subject property is relatively level with regional topography decreasing to the north-northwest. According to the 2019 United States Geological Survey (USGS) Hudson North/Hudson South, NY, 7.5-minute Series topographic map, the subject property's topographic elevation is approximately 56.02 feet above mean sea level (msl). The EDR Topographic Map Report is attached to this Report as **Appendix A**.

### **5.2.2. SURFACE WATERS AND WETLANDS**

The closest open surface water to the subject property is the Hudson River located approximately 1,075 feet west of the subject property.

### **5.2.3. GEOLOGY AND GROUNDWATER**

As per the USDA National Cooperative Soil Survey (NCSS) map for the area, the soils at the Site are characterized as UrB (urban land-Hudson-Vergennes complex, undulating). The depth of the groundwater at the subject property is unknown, and groundwater flow direction is expected to be in the northwest direction.

## **5.3. HISTORICAL USE INFORMATION FOR THE PROPERTY**

Sources used to determine the historical use of the property include:

- Aerial Photographs,
- EDR City Directory Abstract,
- USGS Topographic Maps,
- Sanborn Fire Insurance Maps, and
- Environmental Lien and AUL Search Report

EDR Reports are attached to this Report as **Appendix A**.

### **5.3.1. AERIAL PHOTOGRAPHS**

Following is a summary of the EDR review of 12 aerial photographs dated 1942, 1952, 1956, 1960, 1973, 1978, 1985, 1994, 2008, 2011, 2015, and 2019:

**Table 5.2—Aerial Photographic Review**

Year	Quality of Photograph	Observations
1942	Fair	<b>Site:</b> A structure is present on the subject property. <b>Adjacent Parcels:</b> The property is bordered to the south and east by roads. The property to the north appears to be wooded, and there is some development on the property to the west.
1952	Poor	<b>Site:</b> The poor image quality makes details difficult to discern. <b>Adjacent Parcels:</b> The poor image quality makes details difficult to discern.
1956	Subject property not mapped	<b>Site:</b> Not mapped. <b>Adjacent Parcels:</b> Not mapped.
1960	Fair	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes.
1973	Fair	<b>Site:</b> Structures are present in the northwestern corner of the subject property, and the southeastern portion is cleared. <b>Adjacent Parcels:</b> No discernible changes.
1978	Subject property not mapped	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes.
1985	Fair	<b>Site:</b> The structure in the northwestern corner of the property is no longer present. <b>Adjacent Parcels:</b> The property to the north is cleared.
1994	Subject property not mapped	<b>Site:</b> Not mapped. <b>Adjacent Parcels:</b> Not mapped.
2008	Good	<b>Site:</b> Structures are present in the southeast portion of the property. <b>Adjacent Parcels:</b> No discernible changes
2011	Good	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes
2015	Good	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes.
2019	Good	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes.

No concerns were identified at the subject property. No concerns were identified at the properties surrounding the subject property.

### 5.3.2. EDR CITY DIRECTORY ABSTRACT

SESI reviewed the City Directory Abstract, provided by EDR, for the subject property and conducted a limited municipal tenant search. SESI obtained historical city directory data from EDR for the subject property. SESI reviewed the City Directory listings for the years 1964, 1968, 1974, 1979, 1984, 1988, 1992, 2000, 2005, 2010, 2014, 2017, and 2020. The City Directory Abstract

provides the name and operations of the property. A summary of previous operators at the subject property is presented in **Table 5.3** below. A copy of the City Directory Abstract is included in **Appendix A**.

**Table 5.3—Historical Site Operations**

Year	Operations
1992	Residential
2000	Residential and Crisafulli Builders Incorporated, Head Start at Bliss Towers, Hudson Housing Authority, Resident Association of Columbia County, Residential Association of Columbia County
2005	Residential and Hudson City Hudson Housing Authority, Purple Heart Unisex Salon,
2010	Residential and Hudson Housing Authority, Hudson City OFC, Red Door Community Residence
2014	Residential and City of Hudson Section Eight Program, Housing Authority
2017	Residential and City of Hudson Section 8 Program
2020	Residential and City of Hudson Housing Auth, City of Hudson Section 8 Prgm, Hudson Housing Authority

**5.3.3. USGS TOPOGRAPHIC MAPS**

Following is a summary of the EDR review of Topographic Map Reports:

**Table 5.4—Topographic Map Review**

Source	Year	Minute	Scale
Coxsackie	1893, 1894, 1929	15	62500
Catskill	1895, 1934, 1938	15	62500
Saugerties	1941	15	50000
Hudson North	1953, 1980, 2013, 2016, 2019	7.5	24000
Hudson South	1963, 1980, 2013, 2016, 2019	7.5	24000

The topographic maps depict the subject property level with an approximate 57-feet above msl. Regional topography slopes downward to the north-northeast. No wetlands were noted on the

maps within or adjacent to the subject property. A review of these maps suggests the subject property was developed prior to 1884.

Based on a review of the EDR Historical Topographic Map Report, the surrounding properties are relatively level. No wetlands were observed within the general vicinity of the surrounding properties on the topographic maps.

#### 5.3.4. SANBORN FIRE INSURANCE MAPS

The subject property was covered on eight (8) of the Sanborn maps from 1884, 1889, 1895, 1903, 1911, 1923, 1949, and 1961 described below:

**Table 5.5—Sanborn Map Review**

Year	Quality of Map	Observations
1884	Good	<b>Site:</b> Dwellings are present along the southern and eastern boundaries. Chevans Malt House is present near the center of the property. A kiln is identified adjacent to the building. <b>Adjacent Parcels:</b> State Street forms the southern boundary, while North 2 <sup>nd</sup> Street forms the eastern boundary. Dwellings are present on the property to the west. Dwellings and the city pound are present on the property to the north.
1889	Good	<b>Site:</b> Little Mill Road (not opened) extends into the subject property from the northeast. <b>Adjacent Parcels:</b> The city pound is no longer present on the property to the north.
1895	Good	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> No discernible changes.
1903	Good	<b>Site:</b> The dwellings on the eastern edge of the property have been extended. <b>Adjacent Parcels:</b> No discernible changes.
1911	Good	<b>Site:</b> The structure previously identified as Chevans Malt House is now identified as C H Evans Sons and commercial store. <b>Adjacent Parcels:</b> No discernible changes.
1923	Good	<b>Site:</b> No discernible changes. <b>Adjacent Parcels:</b> A church (Our Lady of Perpetual Help) is present on the property to the northeast.
1949	Good	<b>Site:</b> A structure identified as Little Mill Slaughter House is now present on the subject property. C H Evans Sons is no longer present on the subject property.

Year	Quality of Map	Observations
		<b>Adjacent Parcels:</b> The church remains under a different name.
1961	Good	<b>Site:</b> The storage building is no longer present; the property is vacant south of the slaughter house. <b>Adjacent Parcels:</b> A garage is present to the northeast of the church.

Based on the review of Sanborn Maps, no RECs were identified.

#### 5.4. ENVIRONMENTAL LIEN AND AUL SEARCH REPORT

No lien and AUL search report was requested from EDR.

#### 5.5. ENVIRONMENTAL PERMITS

Review of the EDR Radius Map Report for the subject property indicates no environmental permits attributed to the Site. EDR Reports are provided in **Appendix A**.

### 6.0 SITE RECONNAISSANCE

#### 6.1. METHODOLOGY AND LIMITING CONDITIONS

An environmental professional from SESI, Joseph R Noonan, visited the subject property on July 20, 2023, to identify potential RECs. The subject property was observed to the extent that it was accessible and not obstructed. An inspection photolog is attached to this Report as **Appendix D**.

#### 6.2. SUBJECT PROPERTY OBSERVATIONS

The subject property is improved by a storage garage for groundskeeping, play area/park, an outdoor basketball court, a parking lot, a grassy area, and an area with an approximately 40' slope.

#### 6.3. CHEMICAL STORAGE AND USAGE

SESI observed several gas cans in the garage, with miscellaneous lubricants, ethers, and degreasers. No spills were observed.

**6.4. BULK STORAGE TANKS**

SESI personnel did not observe any bulk storage containers at the Site. The site receives heat via city gas connections meters in the storage garage. The remaining facilities are entirely outdoors.

**6.5. SUBJECT PROPERTY WASTE AND WASTEWATER**

SESI did not observe any waste or wastewater present at the time of the site reconnaissance.

**6.6. STAINED SOIL, STAINED PAVEMENT, OR STRESSED VEGETATION**

SESI did not observe any indications of stained soil, stained pavement, or stressed vegetation.

**6.7. PITS, PONDS, OR LAGOONS**

No pits, ponds or lagoons were identified at the subject property.

**6.8. WELLS**

SESI did not observe any on-site dry wells, irrigation wells, injection wells, observation wells, monitoring wells, potable water wells, recovery wells, or abandoned wells.

**6.9. FLOOR DRAINS AND SUMPS**

No floor drains were observed in the garage.

**6.10. PCB**

No transformers were observed on the Site. However, a switch box was located on the corner of State Street and North 2<sup>nd</sup> Street.

**6.11. ASBESTOS-CONTAINING MATERIAL (ACM)**

ACM surveying was not included in SESI's scope of work; however, based on the age of the facility and information from the maintenance crew, asbestos is in the pipe insulation and they can no longer make repairs inside walls or to pipes without mitigation steps.

**6.12. RADON**

Radon surveying was not included in SESI's scope of work; however, based on the age of the facility, a Radon survey is recommended if a basement is proposed.

**6.13. LEAD-BASED PAINT (LBP)**

LBP surveying was not included in SESI's scope of work; however, based on the age of the facility, an LBP survey is recommended.

**6.14. VAPOR INTRUSION**

Based on a review of information related to the subject property, vapor intrusion is anticipated to be a concern on the subject property.

## **7.0 DATA GAPS**

Based on a review of the available documentation, the following data gaps have been identified:

- The FOIL requests filed with the municipalities have not been received to date.
- The wooded area of the Site was determined to be too steep to be walked during the inspection.

## **8.0 FINDINGS**

Based on our investigation, we conclude that there is evidence to indicate areas of potential environmental concern on the subject property due to the historical usage as a junk yard. See **Section 10.0 CONCLUSIONS** of this Report.

## **9.0 OPINIONS**

In our professional judgment, the scope and character of our environmental assessment were sufficient to justify the stated conclusions, after giving due consideration to the purpose of the investigation, the data reviewed, the background history of the subject property as found in historical records, and visual observation of the subject property.

## 10.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the investigation, it is concluded that there is evidence to indicate areas of recognized environmental concern on the subject property and that additional investigation of these areas is warranted. The conclusions and recommendations in this regard are as follows:

The following REC has been identified:

- **REC 1 – Historic Junk Yard** – Based on the User Questionnaire, the site may have been utilized as a junk yard prior to 1965; this constitutes REC 1. Further investigation is warranted for this REC.

The following BERs have been identified:

- No BERs have been identified.

The following CRECs have been identified:

- No CRECs have been identified.

The following HRECs have been identified:

- No HRECs have been identified.

A figure showing the locations of the RECs identified at this subject property is included as **Figure 10.1**.

## **11.0 DEVIATIONS**

This Report was prepared with no significant deviation from ASTM Standard Practice E1527-21.

## **12.0 REFERENCES**

Environmental Data Resources, Inc. – “Certified Sanborn Map Report”, Inquiry No. 7387626.3, dated July 14, 2023

Environmental Data Resources, Inc. – “EDR – Historical Topographic Map Report”, Inquiry No. 7387626.4, dated July 12, 2023

Environmental Data Resources, Inc. – “The EDR Aerial Photo Decade Package”, Inquiry No. 7387626.8, dated July 13, 2023

Environmental Data Resources, Inc. – “The EDR Radius Map Report”, Inquiry No. 7387626.2s, dated July 12, 2023

Environmental Data Resources, Inc. – “The EDR – City Directory Image Report”, Inquiry No. 7387626.5, dated July 13, 2023

### **13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

As required in 40 CFR 312.21(d), this section includes statements made by the environmental professional conducting this assessment.

“I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.”

“I declare that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property.”

“I have developed and performed the ‘all appropriate inquiry’ in conformance with the standards, limitations, and practices set forth in 40 CFR Part 312.”

This Report incorporates the consultant's best professional judgment in conductance of this Phase One Environmental Site Assessment.

### **SESI CONSULTING ENGINEERS**



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Steven Gustems, PG  
Senior Project Manager  
August 2023

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# Figures

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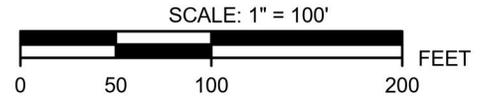


**REFERENCE:**

ESRI BASEMAP: STREET MAPS,  
TAX PARCELS: COLUMBIA COUNTY GEO-DATA HOSTED  
BY COLUMBIA COUNTY PLANNING DEPARTMENT

**LEGEND:**

-  SITE LOCATION
-  TAX PARCELS



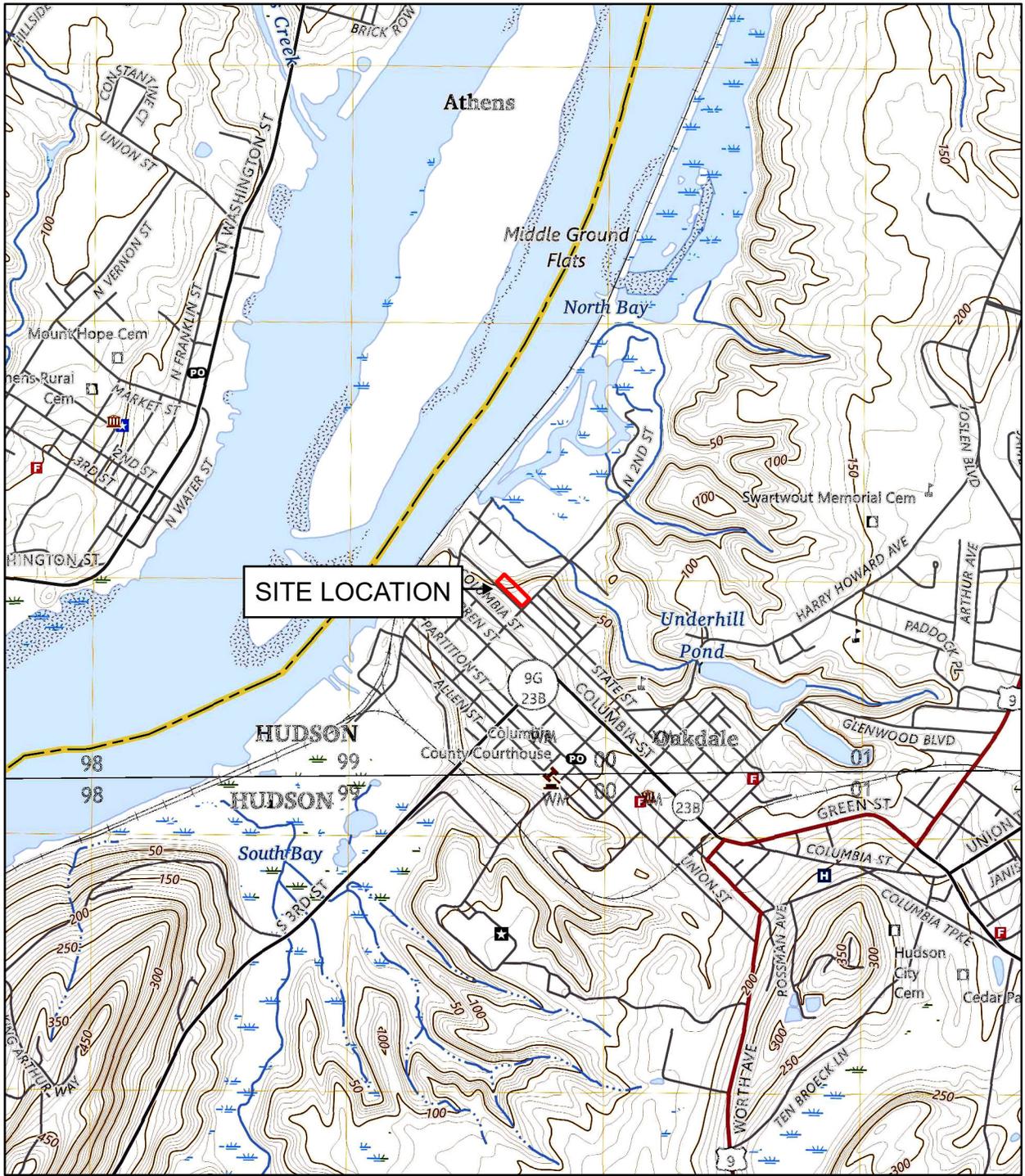
BLOCK 2, LOT 19 PARCEL B  
41 NORTH 2ND STREET  
HUDSON, COLUMBIA COUNTY, NY

**TAX MAP**

**SESI CONSULTING ENGINEERS**

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL  
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG-1.1	
DRAWN BY:	KBV
CHECKED BY:	JM
SCALE:	AS NOTED
DATE:	7/28/2023
JOB NO.:	13045B



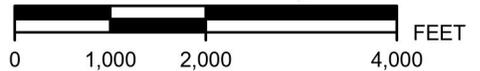
**REFERENCE:**

UNITED STATES GEOLOGICAL SURVEY (USGS)  
HUDSON NORTH, NY USGS QUADRANGLE - 2023

**LEGEND:**

SITE LOCATION

SCALE: 1" = 2,000'



BLOCK 2, LOT 19 PARCEL B  
41 NORTH 2ND STREET  
HUDSON, COLUMBIA COUNTY, NY

**SITE LOCATION MAP**

**SESI** CONSULTING  
ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL  
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG-1.2

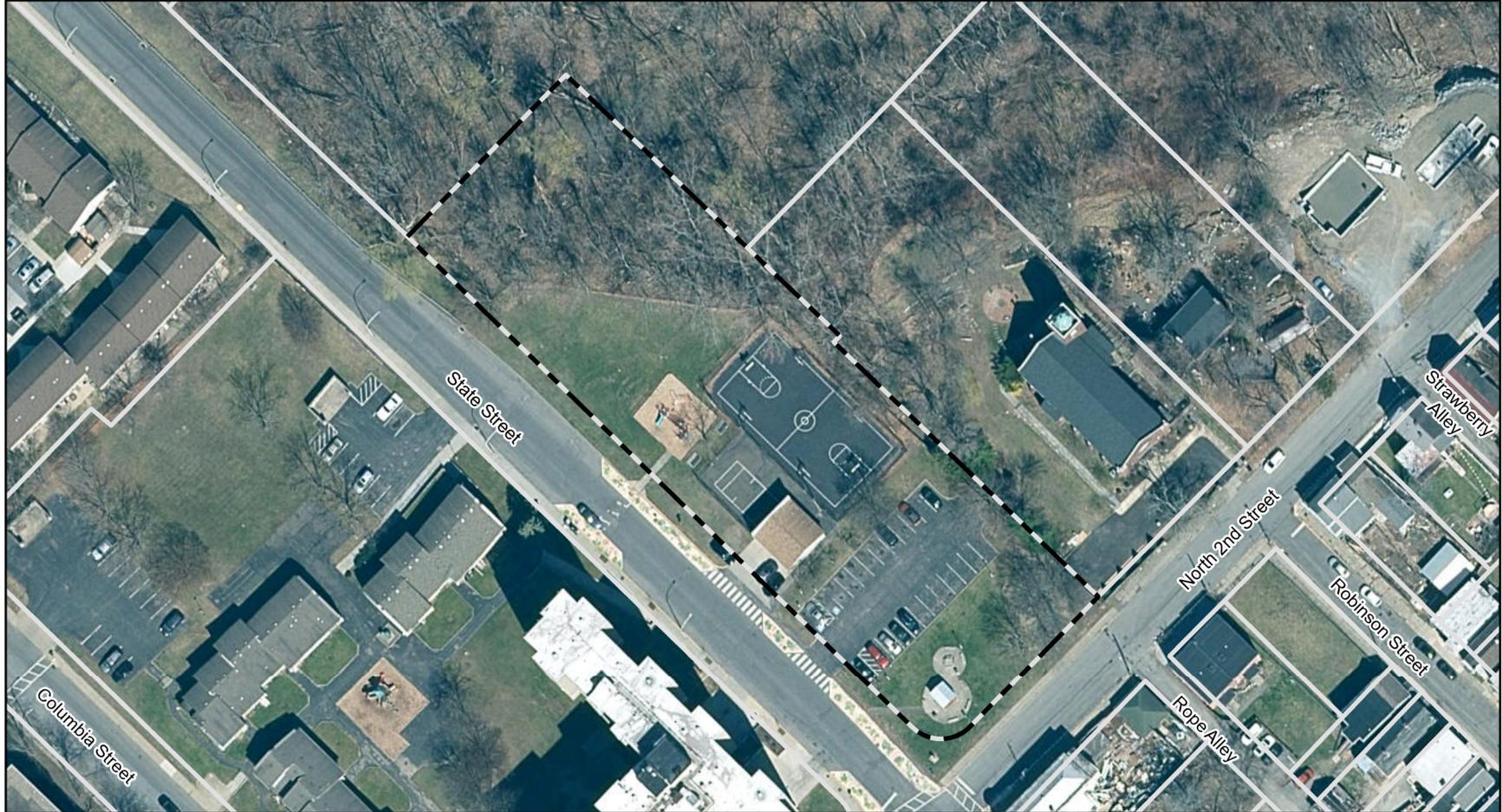
DRAWN BY: KBV

CHECKED BY: JM

SCALE: AS NOTED

DATE: 7/28/2023

JOB NO: 13045B

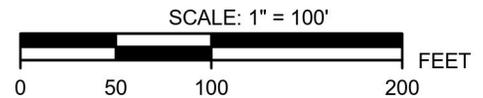


**REFERENCE:**

NEW YORK STATE, MAXAR, MICROSOFT,  
 TAX PARCELS: COLUMBIA COUNTY GEO-DATA HOSTED  
 BY COLUMBIA COUNTY PLANNING DEPARTMENT

**LEGEND:**

-  SITE LOCATION
-  TAX PARCELS



BLOCK 2, LOT 19 PARCEL B  
 41 NORTH 2ND STREET  
 HUDSON, COLUMBIA COUNTY, NY

**SITE PLAN**

**SESI CONSULTING ENGINEERS**

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL  
 959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG-1.3

DRAWN BY: KBV

CHECKED BY: JM

SCALE: AS NOTED

DATE: 7/28/2023

JOB NO.: 13045B

Y:\GIS\Project\_Numbers\13045A\_B\FINAL\_MAPS, 8/2/2023 10:15 AM, Kim Vanderklein, LAYOUT: FIG-10.1



**LEGEND:**  
 REC LOCATION  
 SITE LOCATION  
 TAX PARCELS

**REC TABLE:**  
REC1 - HISTORIC JUNK YARD  
(ENTIRE SITE)

dwg by: KBV  
chk by: JM  
scale: AS NOTED  
date: 8/2/2023

**SESI CONSULTING ENGINEERS**  
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL  
959 route 46e, 3rd floor, parsiptpany, nj 07054 ph: 973.808.9050

project:  
BLOCK 2, LOT 19 PARCEL B  
41 NORTH 2ND STREET  
HUDSON, COLUMBIA COUNTY, NY

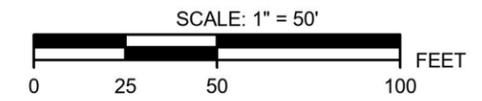
title:  
**REC LOCATION MAP**

job no.: 13045B  
drawing no:

**FIG-10.1**

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**REFERENCE:**  
NEW YORK STATE, MAXAR, MICROSOFT,  
TAX PARCELS: COLUMBIA COUNTY GEO-DATA HOSTED BY COLUMBIA COUNTY PLANNING DEPARTMENT



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**Appendix A:**  
Environmental Data Resources, Inc  
Reports

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**Parcel B**

41 N 2nd Street

Hudson, NY 12534

Inquiry Number: 7387626.8

July 13, 2023

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

07/13/23

**Site Name:**

Parcel B  
41 N 2nd Street  
Hudson, NY 12534  
EDR Inquiry # 7387626.8

**Client Name:**

SESI Consulting Engineers  
959 Route 46E 3rd Floor  
Parsippany, NJ 07054  
Contact: Annmarie Yannaco



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1994	1"=500'	Acquisition Date: April 20, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: March 16, 1985	USDA
1978	1"=500'	Flight Date: April 23, 1978	USGS
1973	1"=500'	Flight Date: April 30, 1973	USGS
1960	1"=500'	Flight Date: May 01, 1960	USGS
1956	1"=500'	Flight Date: May 01, 1956	USGS
1952	1"=500'	Flight Date: April 18, 1952	USGS
1942	1"=500'	Flight Date: August 03, 1942	USGS

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INQUIRY #: 7387626.8

YEAR: 2019

— = 500'





INQUIRY #: 7387626.8

YEAR: 2015

— = 500'





INQUIRY #: 7387626.8

YEAR: 2011

— = 500'





INQUIRY #: 7387626.8

YEAR: 2008

— = 500'





INQUIRY #: 7387626.8

YEAR: 1994

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7387626.8

YEAR: 1985

— = 500'





INQUIRY #: 7387626.8

YEAR: 1978

 = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7387626.8

YEAR: 1973

 = 500'





INQUIRY #: 7387626.8

YEAR: 1960

— = 500'





INQUIRY #: 7387626.8

YEAR: 1956

 = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7387626.8

YEAR: 1952

 = 500'





INQUIRY #: 7387626.8

YEAR: 1942

— = 500'



**Parcel B**

41 N 2nd Street  
Hudson, NY 12534

Inquiry Number: 7387626.5  
July 13, 2023

# The EDR-City Directory Image Report

# TABLE OF CONTENTS

## SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1988	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1979	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

## FINDINGS

### TARGET PROPERTY STREET

41 N 2nd Street  
Hudson, NY 12534

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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#### N 2ND ST

2020	pg A2	EDR Digital Archive
2017	pg A6	Cole Information
2014	pg A8	Cole Information
2010	pg A11	Cole Information
2005	pg A13	Cole Information
2000	pg A16	Cole Information
1992	pg A18	Cole Information
1988	pg A19	Polk's City Directory
1984	pg A20	Polk's City Directory
1979	pg A21	Polk's City Directory
1974	pg A22	Polk's City Directory
1968	pg A23	Polk's City Directory
1964	pg A24	Polk's City Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



-

**N 2ND ST      2020**

- 24      GARY PODSIADLIK
- JAMES MOORE
- JOHNNY GARDNER
- 36      PHOEBE MCDOWELL
- 41      ALBERT WYNN
- ALEASHA RAYMOND
- ALEXIS ROBERTS
- ALICE INKELL
- AMARO LAWRENCE
- AMY TOMPKINS
- ANEL DOMINIQUE
- ANGELA BAKER
- ANNIE MCPHERSON
- ANTHONAE SHEARD
- ANTONIO MCCALOP
- APRIL FERGUSON
- ARILIA EXAVIER
- ARKELL CLARK
- ARTHUR SCHERMERHORN
- ARYLEE WILLIS
- BARBARA HALL
- BARBARA JONES
- BERTHA CLARK
- BETTY SOTO
- BRANDY MANN
- BRITTANY COPELAND
- BRITTANY GARBER
- CHRISTINA LAURANGE
- CHRISTOPHER ALLMAN
- CIERA PATRICK
- CITY OF HUDSON HOUSING AUTH
- CITY OF HUDSON SECTION 8 PRGM
- COREY INGHAM
- CRYSTAL MERRITT
- CURTIS MACKEY
- CYNTHIA EXAVIER
- DAMIEN OWENS
- DANA KING
- DANIEL BROWN
- DARRIN WATSON
- DAVINE COLEMAN
- DEANNA DUNCKLE
- DELORES ASHLEY
- DESMOND FRASER
- DESMOND OJUMU
- DONALD OWENS
- DONESHA ROBERTS
- DORIAN WRIGHT
- DORIS HOLLOWAY
- EDWARD WALKER

**N 2ND ST      2020      (Cont'd)**

- 41 EL JALON THORNTON
- ELVERT MACKEY
- ERIKA OWENS
- EVERTON LEWIS
- FRANCESCA DOMINIQUE
- GAIL SPELL
- GERALDINE LLOYD
- GERTRUDE BAINER
- GLENDA DEMPSEY
- GLORIA FORMAN
- GORDON ALFRED
- GREG MYERS
- GWENDOLYN COBBINS
- HOWARD MACKEY
- HUDSON HOUSING AUTHORITY
- IFETAYO COBBINS
- IRA PARK
- JACK FOLEY
- JANICE ROBERTS
- JANIE DEMPSEY
- JASON DANIELL
- JEAN DOMINIQUE
- JEANNANETAYLR ROWELL
- JEANNINE DORVAL
- JENESSA MOORE
- JENNIFER JOHNSON
- JERRY MCCLAIN
- JESSICA DISCIOSCIA
- JESSICA KETCHUM
- JOCELAINE EXAVIER
- JOHN CROWLEY
- JOHN FINKLE
- JOHN FUNK
- JOHN ROWELL
- JOHN WINFIELD
- JOSEPH DEMONEY
- JOSEPH GRIFFIN
- JOSEPH HOTALING
- JUNE SCHAMMANN
- JUSTIN DAVIS
- JUSTIN KNOTT
- KATHY FAULKNER
- KAYAH CANTY
- KERTRICE WILLIS
- KESANA JACKSON
- KEVIN PRYOR
- KHALIF THORNTON
- KIM ABEL
- KIM SMITH
- KIMBERLY MCCLAIN

**N 2ND ST      2020      (Cont'd)**

41      LACY PATTERSON  
LAURIE GRIGGS  
LAVONE MCCLENDON  
LEE BRADSHAW  
LEE KENNEDY  
LIMIKA WALLS  
LIZZIE LONTON  
LORENZO CHARTTON  
LUCCIANO EXAVIER  
MALANA MORRISON  
MARIO FORBES  
MARK SCHROEDER  
MARSHALL WILDER  
MATTHEW BROWN  
MATTHEW DISCIOSCIA  
MEGAN COX  
MELINDA KNOTT  
MICHAEL COBBINS  
MILTON HUDSON  
MITCHELL KEYES  
NADINE RUSSELL  
NANCY HINZ  
NATTLISS GRIFFIN  
NICOLE CONCEPCION  
NINA GROSSMAN  
NYDIA MARQUEZ  
RASHONNA POSEY  
ROBIN BROWN  
RONALDO MARTEL  
RONDL MOORE  
SEQUALO MORTIZUMA  
SHAMAYA BLAKE  
SHARON WILLIAMS  
SINDY STROMAN  
SONJA HOLMES  
SONYA TERRY  
STEFFEN LUE  
STEVEN BIERL  
SUMMER EGER  
TABATHA GAMBRELL  
TAMMY KNOTT  
TAMMY PARKER  
TARYN BUSTA  
THELMA SCOTT  
THEODOSIA SCOTT  
TIA WALLS  
TIFFANY GARRIGA  
TIYANNA BROWN  
TYRONE HEDGEPEETH  
TYWANA RAMCHARITAR

**N 2ND ST      2020      (Cont'd)**

- 41    VENESHA PARKER
- VERNEA DENNIS
- VICTORIA TARVER
- VINNIE FERRERI
- WILLIAM JOHNSON
- WILLIE SIMON
- YVONNE ACKERMAN
- 42    HENRY LOTT
- 62    KIMBERLY HINES
- MEGAN HINES
- STEVEN RICHARDSON
- 64    FREDRICA CLARKE
- 66    DOROTHY MANN
- FRANCES CADAOAS
- NOREEN WATKINS
- 73    AVIS DAVIS
- JEFFREY KOETJE
- MONICA BRANDIS
- 74    MOHAMMED BISWAS
- ROJENA AHMED
- 75    DENNIS HERBERT
- 78    MATTHEW PARKER
- 80    BRENDA WISDOM
- SARAH POLLACK
- 82    RYAN WADE
- SHANE LAHART
- VICKI MAUCLAIR
- 90    MATTHEW PARKER

## N 2ND ST 2017

1 HEDGEPEETH, ALICE F  
 22 BALDAEUS, SUSAN B  
 CRUZ, CHASAREE  
 RODRIGUEZ, JOSE A  
 SMITH, HOLLY L  
 24 PODSIADLIK, GARY  
 41 AMEY, LIONEL L  
 ANDERSON, CRYSTAL A  
 BAINER, GERTRUDE  
 BAKER, TROY L  
 BRADSHAW, LEE J  
 BROWN, DANIEL D  
 BURCH, VIRGINA  
 BUSTA, TARYN N  
 CITY OF HUDSON SECTION 8 PROGRAM  
 CLARK, ARKELL  
 COPELAND, JOHNNY  
 COX, ELAINE M  
 CROWLEY, LAWRENCE  
 DECKER, LAWRENCE D  
 DEMPSEY, GLENDA L  
 DISCIOSCIA, JESSICA  
 DORVAL, JEANNINE  
 ELEM, ANDRE  
 FASON, JACQUILINE E  
 FAULKNER, KATHY M  
 FORBES, GLORIA  
 GARRIGA, TIFFANY M  
 GILLES, DANIELLE M  
 GRAHAM, BRANDY  
 GRIFFIN, JOSEPH F  
 GRIGGS, LAURIE A  
 HAMBLIN, DANIEL  
 HANSBERRY, MARIA  
 HOLLOWAY, SANDRA M  
 HOTALING, EILEEN C  
 HOTALING, JOSEPH  
 INGHAM, COREY R  
 JACKSON, JACKIE  
 JOHNSON, DWAYNE T  
 KENNEDY, LEE M  
 LAWRENCE, AMARO L  
 LONTON, LIZZIE  
 LUZ, WALKER  
 MESSAM, CEGES M  
 MICHEL, ROBERT A  
 MOJICA, ROBERT  
 MOORE, LAKEISHA  
 MORRISON, SEAN R  
 MOSBY, ANTHONY

**N 2ND ST****2017****(Cont'd)**

41	MUHAMMAD, NAILA
	OWENS, DAMIEN
	PARKER, TAMMY L
	PEREZ, MICHAEL
	PERRY, LATASHA M
	POUGH, LINDA
	PRYOR, KEVIN L
	RAHM, CAROLYN E
	RAMSEY, MICHAEL
	SCHROEDER, MARK
	SCOTT, THEODOSIA M
	SHOOK, LISA
	SILLS, MELVINA D
	SNYDER, TAMI M
	STEVENS, CASEY
	STROMAN, SINDY I
	TARVER, VICTORIA
	VANTASSEL, DONALD
	WALKER, LOURIE A
	WALLS, JOHNNY J
	WASHINGTON, EBONY
	WILLIAMS, CARRIE L
	WILSON, IVY
	YOUNG, RUDOLPH F
42	BARROW, VICTOR
62	NICHOLS, K
64	CLARKE, FREDRICA D
66	NESTOR, JOSEPH E
74	AHMED, MOHAMMED
75	HERBERT, DENNIS G
76	RAHMAN, JALILUR U
82	WADE, RYAN
86	POUGH, ROBERT
90	CLARK, TODD M
120	KELSEY, RAYMOND K

## N 2ND ST 2014

1 HEDGEPEETH, ALICE F  
 4 FELLEI, HENRY  
 22 BUCHANAN, LISA  
 CRUZ, CHASAREE  
 36 WAHL, JENNIFER M  
 41 AMEY, LIONEL L  
 ANDERSON, CRYSTAL  
 BAINER, GERTRUDE  
 BAKER, TROY L  
 BEARE, MARY E  
 BOLAND, SEAN M  
 BRADSHAW, LEE J  
 BRANTON, ELEANOR A  
 BROWN, STACY A  
 BURCH, VIRGINA  
 BUSTA, TARYN N  
 BUTLER, ANDREW  
 CITY OF HUDSON SECTION EIGHT PROGRAM  
 CLANTON, TOBBIE  
 CLARK, ARKELL  
 COPELAND, JOHNNY  
 COUSIN, SHANICE  
 CROWLEY, LAWRENCE  
 CUYLER, JAMES  
 DAVIS, JUSTIN F  
 DECKER, LAWRENCE D  
 DEMPSEY, GLENDA L  
 DENNIS, VERNEA  
 DOBY, S  
 DORVAL, JEANNINE  
 ELEM, CARL E  
 FASON, JACQUILINE E  
 FORBES, GLORIA  
 FULTON, ANNA L  
 GARBER, BRITTANY L  
 GILLES, DRAN  
 GRAHAM, PAULA M  
 GRIGGS, LAURIE A  
 HAMBLIN, DANIEL  
 HOLLOWAY, DORIS L  
 HOUSING AUTHORITY  
 INGHAM, COREY R  
 JACKSON, TIFFANY M  
 JOHNSON, WILLIAM  
 JONES, BARBARA G  
 KENNEDY, LEE M  
 KEYES, MITCHELL J  
 KING, KATHY  
 KINNEY, KRISTEN J  
 LABELLE, JOHN D

N 2ND ST

2014

(Cont'd)

41	LAWRENCE, AMARO L LONTON, LIZZIE LOUCKS, AMBER MALYSZ, FLORENCE MCPHERSON, ANIE MESSAM, CEGES M MICHEL, ROBERT A MILLER, MICKEY MUHAMMAD, NAILA NELSON, MAXINE OSTRANDER, SAMANTHA OWENS, GLENETTE PARKER, TAMMY L PEPE, HOLLY PEREZ, MICHAEL PERRY, LATASHA M RAHM, CAROLYN E RAMOS, AMY RAMSEY, MICHAEL RANDOLPH, RABEEM J REWATIRAMAN, SHEYENNE ROBERTS, EMMA ROBINSON, INGRID N SAUNDERS, MEGAN SCOTT, THEODOSIA M SEATON, ROGER C SELLER, KASEY SHIVERS, JOVINA SILLS, CHANTA SMART, JENNIFER SMITH, LASHAWN SNYDER, TAMI M STROMAN, SINDY I SUNK, JOHN TAYLOR, MICHAEL VANALSTYNE, ROSE VANVOORHEES, DAVIA J WALKER, LOURIE WASHINGTON, EBONY WHITE, SHAKIMA WHITEHEAD, LORI A WILLIAMS, CARRIE L WILLIAMS, LEROY WILLIAMS, THOMAS WINTERS, GEORGE
62	OCCUPANT UNKNOWN,
64	CLARKE, FREDRICA D
66	NESTOR, JOSEPH E
73	CHRISTOPHER NORMAN CHOCOLATES
74	AHMED, MOHAMMED

Target Street

Cross Street

Source

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Cole Information

**N 2ND ST**

**2014**

**(Cont'd)**

75	HERBERT, DENNIS G
76	RAHMAN, JALILUR
80	LOGAN, SAMUEL O
82	LAHART, SHANE S
86	BRENNER, STEVE J
120	KELSEY, RAYMOND K

## N 2ND ST 2010

1 RAMONOWSKI, ARTHUR  
 4 FELLEI, HENRY  
 FERNANDIS, DAMIEN  
 12 MORALES, ARINEX  
 22 WALCOTT, SHELDON  
 36 PARKER, JERRY  
 41 AMARA, LAWRENCE  
 ARMSTRONG, CHARLES  
 BOLAND, AMBER  
 BROCKINGTON, BONNIE  
 BROWN, ROBIN  
 CLANTON, DIXIE E  
 CLARK, ARKELL  
 CLARKE, FREDRICA D  
 COPELAND, JOHNNY  
 CORDOVA, SIRENA  
 COWAN, PATRICIA L  
 COX, ELAINE M  
 CROSS, TONI  
 CROWLEY, LAWRENCE  
 DANCE, SHANDELL  
 DANDRIDGE, ROBERT A  
 DEMPSEY, JANNINE  
 DOMINIQUE, BERNADETTE  
 DORVAL, JEANNINE  
 DOTY, CHARLES  
 FAULKNER, ASHLEY  
 FAVEEN, ISYS  
 FOLEY, JACK W  
 FORBES, MARIO  
 FORBES, NINA L  
 FULTON, ANNA L  
 GARDNER, PRISCILLA A  
 GRAHAM, PAULA M  
 GRIGGS, LAURIE A  
 HALL, JOANNE  
 HANSBERRY, MARIA  
 HARDER, ELIZABETH A  
 HARRIETT, E  
 HIBBERT, YOLANDA  
 HIGLEY, HOWARD  
 HOLLAWAY, DORIS  
 HOLLOWAY, SANDRA M  
 HOPKINS, SHERAYE  
 HUDSON CITY OFC  
 HUDSON HOUSING AUTHORITY  
 INGHAM, COREY  
 JACKSON, JACKIE  
 JOHNSON, WILLIAM  
 JONES, PATESHIA

## N 2ND ST

2010

(Cont'd)

41	KELLY, ROSELIND
	KENNEDY, LEE
	KINNEY, JANE
	LAURANGE, SHANE
	LAWRENCE, AMARA L
	LEWIS, GLORIA A
	MCCLARY, SELMA
	MCPHERSON, ANIE
	MICHEL, ROBERT
	MILLER, MICKEY
	MORGAN, JALISA
	MORRISON, SEAN
	MOSBY, PATINA
	MUIR, MICHAEL D
	NOLES, LATOYA A
	OJUMU, TRYEE
	OLIVER, DANAYA
	PLASS, CAROLE
	RED DOOR COMMUNITY RESIDENCE
	ROBINSON, INGRID N
	SALEM, MALEEKA
	SMITH, KIM
	SNYDER, TAMI M
	SUNK, JOHN
	VANETTEN, MITZI
	VANETTEN, WILLIAM L
	VANVOORHEES, DAVIA
	WALKER, HAROLD
	WALLS, JOHNNY J
	WELLS, MILES
	WILLIAMS, CARRIE
	WILLIAMSON, JULIE
	WINFIELD, JOHN V
	WRIGHT, CHARLENE
62	HINES, KIMBERLY M
64	CANTY, KAYAH
66	NESTOR, JOSEPH E
74	BEGUM, ANGUMANARA
75	HERBERT, DENNIS G
76	ISLAM, SAFIQL
80	GLOVER, JAMES
	WISDOM, BRENDA S
82	LAHART, SHANE
86	BRENNER, STEVE J
90	OCCUPANT UNKNOWN,
120	KELSEY, RAYMOND K



-

## N 2ND ST 2005

1 HEDGEPEETH, ALICE F  
 10 HAZELTON, SHARON A  
 12 MORALES, ARINEX  
 22 DENNIS, VERNEA  
 FRANGIONE, DANIEL  
 INNISS, DORSINE  
 LEWIS, REGINA  
 WALCOTT, SHELDON  
 36 WRIGHT, TERESA  
 41 ACKERMAN, STEPHANIE  
 AMEY, LIONEL L  
 ANDERSON, JENNETTE  
 ANGIER, CRYSTAL L  
 ART, H  
 BAINER, TRUDY  
 BAKER, ANTONIO L  
 BARNHILL, ANDRE J  
 BARRETT, C  
 BISHOP, CAROL  
 BRANGMAN, CANDI J  
 BRINK, SABRINA  
 BROWN, MAGGIE  
 BUCHAN, TIMOTHY  
 BUTLER, ANDREW  
 CARON, MELISSA  
 CARR, JOSEPH  
 CARRINGTON, BARRY  
 CASIVANT, HENRY  
 CHILCOAT, WOLFGANG  
 CHRISTIAN, VENESA  
 CINTRON, ESCALE  
 CLANTON, DIXIE E  
 COLON, HECTOR  
 CREGL, TODD  
 CROSS, QUINTIN  
 DAVILA, HECTOR L  
 DECKER, MARTIN E  
 DYER, HOWELL N  
 EDWARDS, CARMELISSA  
 ENRIQUEZ, C  
 EVANS, VERONICA  
 EVERTON, LEWIS  
 FASION, SEQUAN  
 FAULKNER, KATHY M  
 FERGUSON, APRIL  
 FOLEY, JACK W  
 GARDNER, PRISCILLA A  
 GOMEZ, ANGEL  
 GORDON, ALFRED  
 GRAHAM, PAULA M

N 2ND ST

2005

(Cont'd)

41 GRIGGS, LAURIE A  
 HARDER, ELIZABETH A  
 HARGROVE, DIANE  
 HARRIS, DORIAN  
 HOLLOWAY, GLORIA  
 HOTALING, TERESA A  
 HUDSON CITY HUDSON HOUSING ATH  
 HURST, DOROTHY  
 INGHAM, COREY  
 JACKSON, JACKIE  
 JOHNSON, WILLIAM  
 JONES, T  
 JORDAN, GERALD  
 KENNEDY, LEE  
 LABELLE, MARY J  
 LADUD, S  
 LASHOMB, DAVID  
 LAURSEN, EMMETT B  
 LEWIS, CAROL  
 LORD, PAULA  
 MCCLAIN, J  
 MCCLARY, S  
 MCDONALD, R  
 MCMILLAN, SYREETA  
 MESSAM, CEGES M  
 MICHEL, ROBERT  
 MILLER, MICKEY  
 MONSANTO, KENDRA  
 MOSBY, PATINA  
 NELSON, MAXINE  
 ORMSBY, RECARDO J  
 PARK, IRA  
 PEREZ, CRISTY  
 POSEY, RASHONNA  
 PRYOR, K  
 PURPLE HEART UNISEX SALON  
 RELYEA, KAYLA  
 ROBINSON, MELVA P  
 SANDERS, DAVINA  
 SCHAMMANN, DANIEL P  
 SCOTT, THEODOSIA M  
 SHOOK, LISA  
 SILLS, DENISE  
 SIMPSON, BAKARI  
 SINCLAIR, MELISSA A  
 SMITH, L  
 SPELLER, DANIEL  
 TERBUSH, M  
 TOMAS, SARA  
 VANALSTYNE, ELIZABETH

**N 2ND ST      2005      (Cont'd)**

- 41      VELAZQUEZ, RICHARD
- WILDER, MARSHALL R
- WILLIAMS, THOMAS
- WILLIS, GARY G
- WINFIELD, JOHN V
- WINTERS, WANDA E
- ZIMMERMAN, H
- 64      OCCUPANT UNKNOWN,
- 66      GEER, HELEN
- NESTOR, JOSEPH E
- PEARCE, LYNN
- PERKINS, HENRY A
- PIERCE, ROBERT
- 73      DAVIS, AVIS
- 74      AHMED, ROJENA
- 75      HERBERT, DENNIS G
- 76      OCCUPANT UNKNOWN,
- 80      BATES, JENNIFER
- 86      BRENNER, JOHN V
- 90      WARFIELD, CHERYL
- 120     KELSEY, RAYMOND K
- 128     HUDSON FABRICS LLC

## N 2ND ST 2000

1	BARROW, JUANITA
	BELL, MAEOLA
	ENGRAM, WILLIE M
	GAUTHIER, JOHN
	HEDGEPEETH, ALICE
	JOHNSON, G
	MACKEY, ELSIE
	MACKEY, WILLIAM
	RAMONOWSKI, ARTHUR
	WELLS, JOSEPH
10	KELLY, TERRY
	SCHERMERHORN, TABITHA J
20	CLAIR, BARBARA
22	ALEXANDER, ROBERT
	WATSON, VANESA
	WILSON, BURNETT
24	OCCUPANT UNKNOWN,
34	OCCUPANT UNKNOWN,
36	OCCUPANT UNKNOWN,
41	ANGIER, P
	CANTY, IMNDYD
	CARRINGTON, B
	COLEMAN, D
	CRISAFULLI BUILDERS INCORPORATED
	CROSS, OWEN
	DEJESUS, NECTOR
	DOTTIN, S
	DYER, HOWELL
	GIST, CYNTHIA
	GOLDEN, T
	GRIFFIN, INITA
	GRIGGS, LAURIE
	HARRIS, ALSTON
	HARTFIELD, WILLIE M
	HEAD START AT BLISS TOWERS
	HUDSON HOUSING AUTHORITY
	JACKSON, F
	JOHNSON, BIRDIA
	LEWIS, CAROL
	LEWIS, P
	LOHEIT, CLARA
	LOHEIT, E
	MACKEY, D
	MESSAM, CEGES
	MOSBY, P
	OWENS, BARBARA
	RESIDENT ASSOCIATION OF COLUMBIA
	RESIDENTIAL ASSOCIATION OF COLUMBIA COUNTY
	ROBINSON, JOE
	SINCLAIR, SOLOMON

Target Street

Cross Street

Source

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Cole Information

**N 2ND ST**

**2000**

**(Cont'd)**

41	THROWER, JOHNNIE VANETTEN, MITZI WILLIAMS, THOMAS WINTERS, WANDA
66	MOORE, RONDL L
73	OCCUPANT UNKNOWN,
74	DECKER, CHARLES
75	HERBERT, DENNIS
76	OCCUPANT UNKNOWN,
80	EGAN, JOHN
82	COLON, CARMEN M
86	BRENNER, JOHN V
124	WITTCOMM INCORPORATED

**N 2ND ST      1992**

- 20      THOMAS, JOHN WILLIE
- 22      HENRY, LILLIAN
- LUSSEN, M
- WILSON, BRUNETT
- 36      CORDATO, JOS W
- 41      BONANO, TINA
- 42      JORCY, MERGECIE
- 64      JACOB, KATHERINE
- WINTERS, EUGENIA
- 66      SABO, JOS
- 74      MC DONALD, DANL J
- 75      SISTERS OF ST JOSEPH
- 80      KARIC, JOHN
- 86      BRENNER, JOHN VINCENT

**N 2ND ST 1988**

000 Columbia St.

Phone 828-1115

Hudson, N.C. 27534

**10**

**1ST ST N -FROM 32  
WARREN NORTH TO 42  
COLUMBIA**

ZIP CODE 12534

**1**

**1ST ST S -FROM 31 WARREN  
SOUTH TO OPPOSITE 29  
UNION**

ZIP CODE 12534  
14 Johnson Walter L

**10**

**2D ST N -FROM 136  
WARREN NORTH BEYOND  
MILL**

ZIP CODE 12534

10 Vacant  
Vacant  
PRISON AL BEGINS

16 Vacant

18 Vacant

20 Sheldon Warren H Jr 828-1763  
Vacant (3 Hses 20-24)

22 Ciancetta Cheryl A © 828-2114  
Pelletier Jill  
COLUMBIA ST INTERSECTS

36 Cordato Joseph W © 828-7379  
Columbia Apartments 828-5415  
(FOR OCCUPANTS SEE  
COLUMBIA APTS)  
LONG ALLEY BEGINS  
City Of Hudson Housing  
Authority 828-5415  
City Of Hudson Auth Bd Of  
Comnrs

**2**

ROPE AL BEGINS

64 Jacobs Kath Mrs 828-9704  
Bower Robt

66 Sabo Mary Mrs © 828-3104  
Conklin Guy L

70 Becker Norman auto repr  
828-1123  
ROBINSON ST BEGINS

74 Mc Donald Danl J © 828-6947

75 Sacred Heart Rectory 828-3638  
Sacred Heart Church 828-3638  
Pulcher Paul Rev 828-3638

76 Vacant

80 Karic Mary M Mrs © 828-3182  
STRAWBERRY AL BEGINS

82 Vacant

86 Brenner John V © 828-3548

90 Coons Ernest P © 828-7279

120 Kelsey Kath A Mrs ©  
828-5367  
Whithem Ann Mrs  
MILL ST INTERSECTS

**2**

**2D ST EXTN N -FROM MILL  
ST NORTH TO DEAD END**

ZIP CODE 12534  
Emsig Mfg Corp button mfg  
828-7301

**1**

**2D ST S -FROM 135 WARREN  
SOUTH TO TANNERS LA**

ZIP CODE 12534

2 Vacant

4 Garage (Storage)  
Apartments

5 Vacant

11 Howard Gregory  
CHERRY AL INTERSECTS

15 Johnson Repair Shop auto  
UNION ST INTERSECTS

29 Saint Nicholas Ukrainian  
Catholic Church  
Kenas Alexander M Rev  
828-5226

30 No Return

34★Deamer Theresa  
★Munson Eddie L  
PARTITION ST INTERSECTS  
ALLEN ST INTERSECTS  
CROSS ST ENDS

68 Vacant

**10**

**3D ST N -FROM 260  
WARREN NORTH TO DEAD  
END**

ZIP CODE 12534

2 Foster Ann K Mrs 828-6022  
White Emma J Mrs 828-5384

3 Vacant  
★Jennings Shelia  
PRISON AL INTERSECTS

15 Scheu Olive M Mrs ©  
828-1282

16 Race Harold R © 828-9236

17 Taylor John  
COLUMBIA ST INTERSECTS

**N 2ND ST 1984**

COMPLETE BANKING SERVICES  
Member Federal Deposit Insurance Corporation

**10**  
**1ST ST N —FROM 32**  
**WARREN NORTH TO 42**  
**COLUMBIA**  
  
ZIP CODE 12534

**1**  
**1ST ST S —FROM 31 WARREN**  
**SOUTH TO OPPOSITE 29**  
**UNION**  
  
ZIP CODE 12534  
14★Johnson Walter

**10**  
**2D ST N —FROM 136**  
**WARREN NORTH BEYOND**  
**MILL**  
  
ZIP CODE 12534  
10 Vacant  
Race Fannie E 828-1778  
PRISON AL BEGINS  
16 Vacant  
18 Fields  
Sheldon Warren H  
20 Vacant (3 Hses 20-24)  
COLUMBIA ST INTERSECTS  
36 Cordato Joseph W © 828-7379  
Columbia Apts 828-5415  
(FOR OCCUPANTS SEE  
COLUMBIA APTS)  
LONG ALLEY BEGINS  
Hudson Housing Authority  
828-5415  
Hudson Housing Auth Bd Of  
Commnr

**2**  
**ROPE AL BEGINS**  
64 Vacant  
Jacobs Kath Mrs 828-9704  
Decker Everett  
Guy's Saw Sharpening  
66 Sabo Mary Mrs © 828-3104  
Conklin Guy L  
70 Becker Norman auto repr  
ROBINSON ST BEGINS  
74 Mc Donald Danl J 828-6947  
75 Sacred Heart Rectory 828-3638  
Sacred Heart Church 828-3638  
Pulcher Paul Rev  
76 Ryder Daisey L Mrs  
80 Karic Mary M Mrs © 828-3182  
STRAWBERRY AL BEGINS  
82 Dingman Morris W

86 Brenner John V © 828-3548  
90 Coons Ernest P © 828-7279  
120 Kelsey Frank C © 828-0189  
Whithem Ann Mrs  
MILL ST INTERSECTS

**1**  
**2D ST S —FROM 135 WARREN**  
**SOUTH TO TANNERS LA**  
  
ZIP CODE 12534  
2 Van Alstyne R Se M  
Vacant  
4 Garage (Storage)  
Apartments  
5★Smith Bertha  
6★Walker Laurie  
7★Jennings Hazel  
8★Paund Nathaniel  
11★Brandon Raythena  
★Brandon Helen  
★Walker Frank  
★Morrison Helen V  
CHERRY AL INTERSECTS  
15 Johnson Walter Garage  
UNION ST INTERSECTS  
29 Saint Nicholas Ukrainian  
Catholic Church  
Pawliuk Anthony M Rev  
828-5226  
30 Vacant  
34 Vacant  
Snyder Cheryl 828-7548  
Singer Julia F Mrs 828-5073  
PARTITION ST INTERSECTS  
ALLEN ST INTERSECTS  
CROSS ST ENDS  
68 Keith Willie L © 828-0521

**10**  
**3D ST N —FROM 260**  
**WARREN NORTH TO DEAD**  
**END**  
  
ZIP CODE 12534  
2 Foster Ann K Mrs 828-6022  
White Emma J Mrs 828-5384  
3★Hudson Lee  
Sullivan Mary Mrs 828-1253  
PRISON AL INTERSECTS  
15 Scheu Olive M Mrs ©  
828-1282  
16 Race Harold R © 828-9236  
17 Vacant  
★Taylor John  
COLUMBIA ST INTERSECTS  
25 Vacant

**N 2ND ST 1979**

PHONE 828-1113

**10**  
**1ST ST N —FROM 32**  
**WARREN NORTH TO 42**  
**COLUMBIA**

ZIP CODE 12534

Pulsifer Beverly A Mrs  
 86 Brenner John V © 828-3548  
 90 Coons Ernest P ©  
 120 Kelsey Frank C © 828-0189  
 Whithem Ann Mrs  
**MILL ST INTERSECTS**

**1**  
**1ST ST S —FROM 31 WARREN**  
**SOUTH TO OPPOSITE 29**  
**UNION**

ZIP CODE 12534  
 14 Concile Frank E 828-5115

**1**  
**2D ST S —FROM 135 WARREN**  
**SOUTH TO TANNERS LA**

ZIP CODE 12534  
 2 Van Alstyne Rose M Mrs  
 Roberts Cosby

**10**  
**2D ST N —FROM 136**  
**WARREN NORTH BEYOND**  
**MILL**

ZIP CODE 12534  
 10 Funk Theresa M Mrs 828-4292  
 Race Fannie 828-1778  
**PRISON AL BEGINS**

16 Vacant  
 Anderson Danl  
 18 Vacant (4 Hses 18-24)  
**COLUMBIA ST INTERSECTS**  
 36 Cordato Joseph W © 828-7379  
 Columbia Apts 828-5415  
 (FOR OCCUPANTS SEE  
**COLUMBIA APTS)**  
**LONG ALLEY BEGINS**  
 Hudson Housing Authority  
 828-5415  
 Hudson Housing Auth Bd Of  
 Commrs

**4** Garage (Storage)  
 Apartments  
 5★Cowall Robt  
 6 Carr Thos 828-1455  
 7★Cherry Annmarie  
 8 Cowan Richd  
 11 Mabry Willie 828-6637  
 Butler Gaynell 828-1721  
 ★Whitesid Rosetta  
 ★Lee Ida  
 ★Harris Wanita

**CHERRY AL INTERSECTS**  
 15 West End Garage 828-0856  
**UNION ST INTERSECTS**  
 29 Saint Nicholas Ukrainian  
 Catholic Church  
 Humanitzki Theo F Rev  
 828-5226

34★Mulholland Rita Mrs  
 Weed Helen  
 Towart Joan Mrs 828-1384  
 Singer Julia F Mrs 828-5073  
 ★Gueldner Robt

**PARTITION ST INTERSECTS**  
**ALLEN ST INTERSECTS**  
**CROSS ST ENDS**  
 68 Keith Willie © 828-0521

**2**  
**ROPE AL BEGINS**  
 64 Hawver Bruce  
 Jacobs Kath Mrs 828-9704  
 Vacant  
 Guy's Saw Sharpening  
 66 Vacant  
 Kosa Steve © 828-0384  
 Sabo Mary Mrs © 828-3104  
 Conklin Guy L

**ROBINSON ST BEGINS**  
 74 Mc Donald Danl J 828-6947  
 75 Sacred Heart Rectory 828-3638  
 Sacred Heart Church 828-3638  
 Pulcher Paul Rev  
 76 Ryder Daisey L Mrs  
 80 Karic Mary M Mrs © 828-3182  
**STRAWBERRY AL BEGINS**  
 82★Tranvan C J 828-5355

**10**  
**3D ST N —FROM 260**  
**WARREN NORTH TO DEAD**  
**END**

ZIP CODE 12534  
 2 Foster Ann K Mrs 828-6022  
 White Jane Mrs 828-3850  
 3 Vacant  
**PRISON AL INTERSECTS**  
 15 Scheu Conrad C © 828-1282  
 16 Race Harold R © 828-9236  
 17★Bitka Fredk  
**COLUMBIA ST INTERSECTS**  
 25 Vacant

**N 2ND ST 1974**

Member Federal Deposit Insurance Corporation

**10**  
**1ST ST N —FROM 32**  
**WARREN NORTH TO 42**  
**COLUMBIA**  
  
ZIP CODE 12534

**1**  
**1ST ST S —FROM 31 WARREN**  
**SOUTH TO OPPOSITE 29**  
**UNION**  
  
ZIP CODE 12534  
14 Vacant

**10**  
**2D ST N —FROM 136**  
**WARREN NORTH BEYOND**  
**MILL**  
  
ZIP CODE 12534  
10 ★ Burmel Martin H  
Race Fannie  
PRISON AL BEGINS  
13 Vacant  
16 Vacant  
Wilms Mabel L Mrs  
Vacant  
18 Vacant  
Centocanti Americo J ©  
828-3944  
★ Romano Barbara  
20 Sheldon Warren  
Carr Prattice V  
22 Cross Bernice  
24 Vacant  
COLUMBIA ST INTERSECTS  
36 Cordato Joseph W © 828-7379  
Columbia Apts 828-0600

**2**  
**ROPE AL BEGINS**  
64 ★ Brush Caroline L  
Jacobs Kath Mrs 828-9704  
Winters Clarence 828-3526  
Mc Mann Grant  
66 Kosa Steve gro 828-0384  
Sabo Mary Mrs © 828-3104  
Conklin Guy L  
ROBINSON ST BEGINS

74 Mc Donald Danl J © 828-6947  
75 Sacred Heart Of Jesus Rectory  
828-3638  
Sacred Heart Of Jesus Rc  
Church 828-3638  
76 Ryder Daisey L Mrs  
80 Karic John © 828-3182  
STRAWBERRY AL BEGINS  
82 ★ Harris John E Jr  
★ Gough Harold S 828-7989  
86 Brenner John V © 828-3548  
90 Coons Ernest P © 828-7279  
120 Kelsey Frank C © 828-9718  
Whithem Ann Mrs  
MILL ST INTERSECTS

**1**  
**2D ST S —FROM 135 WARREN**  
**SOUTH TO TANNERS LA**  
  
ZIP CODE 12534  
2 ★ Van Alstyne Rose M  
★ Roberts Cosby  
4 Garage (Storage)  
Apartments  
5 ★ Winters Audrey A  
6 ★ Carr Austin 828-1544  
7 ★ Lloyd Sonny  
8 ★ Mc Donald Cheryl  
11 Mabry Willie 828-6637  
★ Butler Gaynell  
★ Henderson Tina  
Whiteside Rosetta Mrs  
★ Hodges James  
Lee Ida  
CHERRY AL INTERSECTS  
15 West End Garage 828-0856  
UNION ST INTERSECTS  
29 Saint Nicholas Ukrainian  
Catholic Church  
Humanitzke Theo F Rev  
828-5226  
30 Goliszeski Anthony  
Yakman Martha Mrs  
34 Dugay Geo  
Hasbrouck Raymond  
★ Tappen Cath  
Singer Julia F 828-5073  
PARTITION ST INTERSECTS  
ALLEN ST INTERSECTS

JEREMIAH R. STARACE DISTRICT AGENT

N 2ND ST 1968

14 N. 6th St., Hudson, N.Y.

Tel. 828-9473

2

10  
1ST ST N -FROM 32 WARREN  
NORTH TO 42 COLUMBIA

- ZIP CODE 12534
- 11 SCOTT JAMES 828-3621  
DAVIS RAYMOND A  
828-6888
- 15 DEMPSEY PENNY MRS
- 23 WHITE JOHN P JR ●  
828-3649  
VACANT
- 24 RECREATION YOUTH CENTER  
828-9115  
GODSON JOSEPHINE MRS

1

1ST ST S -FROM 31 WARREN  
SOUTH TO OPPOSITE 29  
UNION

- ZIP CODE 12534
- 9 BOGARSKI WM  
GAMBINO SALVATORE  
828-1680
- 11 CONCILE MAY MRS  
828-0913  
SILVERID VINCENT
- 14 AGGRIPPINO MICHL P ●  
828-7492

10

2D ST N -FROM WARREN NORTH  
BEYOND MILL

- ZIP CODE 12534
- 10 VAN BENSCHOTEN DAVID H  
828-5064  
VACANT
- PRISON AL INTERSECTS
- 13 WILLIAMS MACK ●  
828-9328
- 15 COBBINS HERBIE H  
YAKMAN JOHN F 828-6808
- 16 VACANT  
WILMS MABLE L MRS  
WILMS THEO T
- 17 HILL SAML  
CARR AUSTIN
- 18 VACANT  
CENTOCANTI AMERICO J ●  
828-3944
- 20 SHELDON WARREN
- 21 EATON STANLEY A BARBER
- 22 CROSS BERNICE
- 24 STILE'S BAR 828-9174
- 23 VACANT
- COLUMBIA ST INTERSECTS

---CHAPEL ST ENDS  
36 CORDATO JOSEPH W ●  
828-7379

37 ROBINSON JOSEPH  
45 FINKELSTEIN A & SONS  
SCRAP DLR 828-6914

2

---ROPE AL BEGINS  
48 RONGE DONALD  
WINTERS CLARENCE  
50 LAURANGE SHIRLEY  
52 PULVER ELLSWORTH  
828-9525

54 LOOMIS LOUIS C 828-1678  
56 BATHRICK MAE MRS  
58 JASINSKI MARY MRS ●  
KOLOTA JOSEPH C  
828-3167

64 CHRISTIANA CHAUNCEY H  
SINAYI JOHN  
WHEELER HARVEY M  
828-3083

66 KOSA STEVE GRO ●  
828-0384  
SABO MARY MRS ●  
828-3104  
CONKLIN GUY L

---ROBINSON ST BEGINS  
74 MC DONALD DANL J ●  
828-6947

75 SACRED HEART OF JESUS  
RECTORY 828-3638  
SACRED HEART OF JESUS  
RC CHURCH 828-3638  
KLEMENTOWICZ CHESTER  
J REV 828-3638

76 RYDER DAISEY L MRS  
80 KARIC JOHN ● 828-3182

---STRAWBERRY AL BEGINS  
82 PAPP ANNA MRS ●  
828-0108

BULICZ ANTONIA MRS ●  
83 MILLARD EUG F 828-0932

85 VACANT  
86 BRENNER JOHN V ●  
828-3548

90 COONS ERNEST P ●  
91 FLOUTON LEMUEL ●  
828-7202

93 KELSEY FRANK C USED  
CARS ● 828-9718

101 KAZUKENAS ANTHONY ●  
SAWICKY ADOLPH  
828-0791

105 JENNINGS CLARENCE E ●  
828-7866

120 KELSEY FRANK C JR  
WHITEM FRANK C

---MILL ST INTERSECTS

Telephone 828-7107

N 2ND ST 1964

STAR ROUTE

HUDSON, N. Y.

TEL. 851-5492

- 10  
 1ST N—From 32 Warren north to  
 42 Columbia  
 11 Scott Jas 823-3621  
 Davis Raymond A 828-6888  
 15 Williams John 828-0974  
 Hunt Ileen Mrs  
 23 White John P © 828-3649  
 24 Recreation Youth Center  
 Kolkow Wm J © 828-1927

- 1  
 1ST S — From 31 Warren south to  
 opposite 29 Union  
 9 No return  
 11 Coon Edw G  
 Graziano Angelo L 828-7372  
 14 Aggrippino Michl P © 828-3657

- 10  
 2D N—From Warren north beyond  
 Mill  
 10 Thompson Edwin K 828-9783  
 VanBenschoten David H  
 828-5064  
 Prison alley crosses  
 13 Williams Mack © 828-9328  
 15 Yakman John F 828-6808  
 Carr Austin L  
 16 Thompson's Grill TA8-9176  
 Castignoli Lewis  
 Race John E TA8-9532  
 17 Winters Linel I  
 Sheldon Floyd  
 18 Nick's Market 828-3944  
 Centocanti Americo © 828-3944  
 Dingman Eliz M Mrs  
 20 Tamburro Angelo J 828-3437  
 Garrison Edw jr  
 23 Vacant  
 24 Zima Blazey P © restr 828-9173  
 Columbia crosses  
 Chapel ends  
 36 Cordato Jos W © 828-7379  
 Long alley begins  
 State crosses

- 2  
 Rope alley begins  
 45 Finkelstein A & Sons © junk  
 828-6914  
 48 Bermel Martin  
 50 Mango Rosemarie Mrs  
 52 Henry Martin P  
 54 Loomis Louis C 828-7793  
 56 Ham Herbert S 828-9281  
 58 Jasinski Mary Mrs © 828-3167  
 Kolota Jos C 828-3167  
 64 Scutt Everett C TA8-7794  
 Christiana Chauncey H  
 66 Kosa Steve E gro 828-0384  
 Sabo Mary Mrs © 828-3104  
 Conklin Guy  
 Robinson begins

- 74 MacDonald Danl J jr ©  
 828-6947  
 75 Sacred Heart of Jesus Roman  
 Catholic Church  
 Sacred Heart of Jesus Rectory  
 828-3638  
 76 Ryder Daisey Q Mrs 828-0050  
 80 Karic John © 828-2182  
 Strawberry alley begins  
 82 Papp Anna Mrs © 828-0108  
 Bulicz Antonia Mrs ©  
 83 Caparaso Rose Ann Mrs ©  
 828-7731  
 85 Quick Clarence E  
 86 Brenner John B © 828-3548  
 90 Shumsky Kunda Mrs ©  
 828-1420  
 91 Flouton Lemuel © 828-7202  
 93 Kelsey Frank C © used cars  
 828-9718  
 101 Kazukenas Anthony ©  
 Sawicky Adolph 828-0791  
 105 Jennings Clarence E ©  
 828-7866  
 120 Sitzer Leonard W  
 Whithen Frank C  
 Mill crosses  
 130 White Louis

- 1  
 2D S—From 135 Warren south to  
 Tanners la  
 2 Lawrence Elmira Mrs  
 Finn Thos F 828-0394  
 Cherry alley crosses  
 4 New York News garage  
 Pollack John 828-3105  
 Kavanaugh Marjorie Mrs  
 828-1773  
 Cherry la crosses  
 Union crosses  
 11 Mabb Alf J 828-7900  
 Hawver Ruth Mrs 828-3525  
 Kane Wm T  
 Jastombeck Mary Mrs  
 Klima Jos  
 Hamm Eliz M Mrs  
 29 StNicholas Ukranian Catholic  
 Church  
 Osidach Bohdan Rev 828-5226  
 30 Steerey Royal R 828-0754  
 34 Snyder Jennie M  
 Partition crosses  
 Allen crosses  
 68 Velie Walter E jr © 828-3059  
 Velie Walter E ©

- 10  
 3D N — From 260 Warren north to  
 dead end  
 2 Foster Fred S 828-6022  
 Mahota Francis E  
 3 Sullivan Mary M Mrs © nurse  
 828-1253  
 Malinoski John P 828-0937



**Parcel B**

41 N 2nd Street  
Hudson, NY 12534

Inquiry Number: 7387626.2s  
July 12, 2023

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

41 N 2ND STREET  
HUDSON, NY 12534

#### COORDINATES

Latitude (North): 42.2564960 - 42° 15' 23.38"  
Longitude (West): 73.7921180 - 73° 47' 31.62"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 599634.7  
UTM Y (Meters): 4678747.5  
Elevation: 57 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14106148 HUDSON NORTH, NY  
Version Date: 2019  
  
South Map: 14106150 HUDSON SOUTH, NY  
Version Date: 2019

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190805  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
41 N 2ND STREET  
HUDSON, NY 12534

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	NAT GRID	41 N. 2ND ST	NY Spills		TP
<a href="#">Reg</a>	HUDSON RIVER PCBS	NO STREET APPLICABLE	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	948, 0.180, NW
2	MERLE OIL COMPANY IN	205 STATE RTE 66	EDR Hist Auto	Higher	105, 0.020, SSE
<a href="#">A3</a>	NATIONAL GRID	209 ROBINSON ST	NY Spills	Higher	171, 0.032, ESE
<a href="#">B4</a>	HUDSON CITY GARAGE	DOCK ST	LTANKS	Higher	247, 0.047, East
<a href="#">B5</a>	CITY OF HUDSON CITY	DOCK STREET	TANKS	Higher	247, 0.047, East
6	HUDSON (C) DPW	6 DOCK ST	NY Spills	Lower	291, 0.055, NNE
<a href="#">A7</a>	STOCKPORT OIL STATE	220 STATE ST	NY Spills	Higher	294, 0.056, SE
<a href="#">C8</a>	F K A HALPERN MFG.	5 DOCK ST.	UST	Lower	374, 0.071, NNW
<a href="#">C9</a>	E A MORSE & CO INC/D	5 DOCK ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	374, 0.071, NNW
<a href="#">C10</a>	CHARLES M DAGWELL IN	5 DOCK ST	LTANKS, NY Spills, MANIFEST	Lower	374, 0.071, NNW
11	KLINE FLOYD E	79 COLUMBIA ST	EDR Hist Auto	Higher	396, 0.075, SW
<a href="#">C12</a>	HUDSON MAINT DOCK ST	DOCK ST MAINTENANCE	NY Spills	Lower	456, 0.086, North
<a href="#">C13</a>	HUDSON DEPT PUBLIC W	DOCK ST	NY Spills	Lower	456, 0.086, North
<a href="#">C14</a>	HUDSON CITY GARAGE	DOCK ST	NY Spills	Lower	456, 0.086, North
<a href="#">B15</a>	CRAFTECH INDUSTRIES	DOCK ST.	UST	Lower	458, 0.087, ENE
<a href="#">C16</a>	OLD HALPEN BLDG DOCK	DOCK ST	LTANKS	Lower	519, 0.098, NNW
<a href="#">D17</a>	FOSTER REFRIGERATION	119 N. SECOND STREET	SEMS-ARCHIVE	Lower	624, 0.118, ENE
<a href="#">D18</a>	FOSTER REFRIGERATION	119 N. 2ND ST (@ DOC	NY Spills	Lower	624, 0.118, ENE
<a href="#">E19</a>	CITY OF HUDSON WWTP	1 DOCK ST	CBS	Lower	647, 0.123, NNW
<a href="#">E20</a>	CRAFT TECHNOLOGIES D	DOCK ST	NY Spills	Lower	650, 0.123, NNW
21	XTRA MART COLUMBIA S	COLUMBIA ST (718) @	NY Spills	Higher	656, 0.124, WSW
<a href="#">D22</a>	FOSTER REFRIGERATION	85 MILL STREET	AST	Lower	707, 0.134, ENE
<a href="#">D23</a>	USEPA-FOSTER REFRIGE	85 MILL ST	MANIFEST	Lower	707, 0.134, ENE
<a href="#">D24</a>	FOSTER REFRIGERATION	85 MILL STREET	UST	Lower	707, 0.134, ENE
25	AJAX HUDSON TERMINAL	68 WARREN ST	MOSF, MOSF AST	Higher	709, 0.134, West
<a href="#">E26</a>	X-TYAL INTL CORP	N FRONT & DOCK ST	RCRA NonGen / NLR, MANIFEST	Lower	755, 0.143, NNW
<a href="#">F27</a>	COLUMBIA COUNTY OFFI	71 N THIRD ST	UST	Higher	819, 0.155, ESE
<a href="#">F28</a>	CHARLES WILLIAM SCHO	71 N. 3RD ST @ ROBIN	LTANKS	Higher	819, 0.155, ESE
<a href="#">E29</a>	CITY OF HUDSON	WASTEWATER TREATMENT	CBS, AST, CBS AST	Lower	862, 0.163, NNW
30	COLUMBIA COUNTY PLAN	44 UNION ST	MANIFEST	Higher	933, 0.177, WSW
31	HUDSON COAL TAR SITE	WATER STREET	EDR MGP	Higher	1150, 0.218, South
<a href="#">G32</a>	HUDSON SUPERMARKET	310-312 WARREN STREE	UST	Higher	1157, 0.219, SSE
<a href="#">G33</a>	THC ENTERPRISES PROP	318 - 324 WARREN STR	AST	Higher	1235, 0.234, SSE
<a href="#">G34</a>	THC ENTERPRISES PROP	318 - 324 WARREN STR	UST	Higher	1235, 0.234, SSE
35	GOLD'S SCRAP YARD	329-347 COLUMBIA STR	VCP, NY Spills	Higher	1248, 0.236, SSE
36	KAYBREN REALTY	347 WARREN STREET	LTANKS, UST	Higher	1646, 0.312, SSE
<a href="#">H37</a>	GRIFFIN SUPPLY WAREH	359-361 COLUMBIA STR	ERP	Higher	1699, 0.322, SSE
<a href="#">I38</a>	J L EDWARDS SCHOOL S	360 STATE ST J L EDW	LTANKS	Higher	1779, 0.337, SE

MAPPED SITES SUMMARY

Target Property Address:  
 41 N 2ND STREET  
 HUDSON, NY 12534

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">I39</a>	COLUMBIA CO DPW RT 2	178 RT 23B	LTANKS	Higher	1830, 0.347, SE
<a href="#">I40</a>	COLUMBIA CO OFFICE B	401 STATE ST	LTANKS, NY Spills	Higher	1866, 0.353, SE
<a href="#">H41</a>	HUDSON SCHOOL BUS GA	407 COLUMBIA ST	LTANKS	Higher	1903, 0.360, SSE
<a href="#">42</a>	NYNEX UNION ST	420 UNION ST	LTANKS, NY Spills	Higher	2243, 0.425, SSE
<a href="#">43</a>	HUDSON CORRECTIONAL	50 EAST COURT ST	LTANKS, NY Spills	Higher	2436, 0.461, South
<a href="#">44</a>	ATHENS BOAT YARD	35 SOUTH WASHINGTON	SHWS	Lower	4889, 0.926, West

# EXECUTIVE SUMMARY

## **TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NAT GRID 41 N. 2ND ST HUDSON, NY	NY Spills Spill Number/Closed Date: 1510294 / 2016-03-23 Site ID: 520962 Spill Date: 2016-01-14	N/A

## **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Lists of Federal RCRA generators***

RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Facility Register

### ***Lists of state and tribal leaking storage tanks***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
HIST LTANKS..... Listing of Leaking Storage Tanks

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
CBS UST..... Chemical Bulk Storage Database  
MOSF UST..... Major Oil Storage Facilities Database  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

RES DECL..... Restrictive Declarations Listing  
ENG CONTROLS..... Registry of Engineering Controls  
INST CONTROL..... Registry of Institutional Controls

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Brownfields Site List

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

SWTIRE..... Registered Waste Tire Storage & Facility List  
SWRCY..... Registered Recycling Facility List  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
DEL SHWS..... Delisted Registry Sites

## EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

### **Local Lists of Registered Storage Tanks**

HIST UST..... Historical Petroleum Bulk Storage Database  
HIST AST..... Historical Petroleum Bulk Storage Database

### **Local Land Records**

LIENS..... Spill Liens Information  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
NY Hist Spills..... SPILLS Database  
SPILLS 90..... SPILLS 90 data from FirstSearch  
SPILLS 80..... SPILLS 80 data from FirstSearch

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
ECHO..... Enforcement & Compliance History Information  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
UXO..... Unexploded Ordnance Sites

## EXECUTIVE SUMMARY

FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Location Listing
AIRS.....	Air Emissions Data
COAL ASH.....	Coal Ash Disposal Site Listing
DRYCLEANERS.....	Registered Drycleaners
E DESIGNATION.....	E DESIGNATION SITE LISTING
Financial Assurance.....	Financial Assurance Information Listing
HSWDS.....	Hazardous Substance Waste Disposal Site Inventory
LEAD.....	Lead-based Paint Testing Results
SPDES.....	State Pollutant Discharge Elimination System
VAPOR REOPENED.....	Vapor Intrusion Legacy Site List
UIC.....	Underground Injection Control Wells
COOLING TOWERS.....	Registered Cooling Towers
MINES MRDS.....	Mineral Resources Data System
PFAS TRIS.....	List of PFAS Added to the TRI

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal NPL (Superfund) sites***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> Cerclis ID:: 202229 EPA Id: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

#### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> Site ID: 0202229 EPA Id: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

#### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/26/2023 has revealed that there

## EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOSTER REFRIGERATION Site ID: 0204224 EPA Id: NYSFN0204224	119 N. SECOND STREET	ENE 0 - 1/8 (0.118 mi.)	D17	61

### ***Lists of Federal RCRA generators***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> EPA ID:: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/20/2023 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> EPA ID:: NYD980763841 EPA ID:: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/20/2023 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> EPA ID:: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

## EXECUTIVE SUMMARY

### ***Lists of state- and tribal hazardous waste facilities***

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 02/06/2023 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ATHENS BOAT YARD Site Code: 441531	35 SOUTH WASHINGTON	W 1/2 - 1 (0.926 mi.)	44	119

### ***Lists of state and tribal leaking storage tanks***

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 11 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUDSON CITY GARAGE Spill Number/Closed Date: 8705274 / 1987-10-22 Site ID: 237993 Spill Date: 1987-09-23	DOCK ST	E 0 - 1/8 (0.047 mi.)	B4	37
CHARLES WILLIAM SCHO Spill Number/Closed Date: 8801197 / 1988-12-06 Site ID: 166450 Spill Date: 1988-05-07	71 N. 3RD ST @ ROBIN	ESE 1/8 - 1/4 (0.155 mi.)	F28	85
<b>KAYBREN REALTY</b> Spill Number/Closed Date: 9415571 / 2001-06-21 Site ID: 62125 Spill Date: 1995-03-01	<b>347 WARREN STREET</b>	<b>SSE 1/4 - 1/2 (0.312 mi.)</b>	<b>36</b>	<b>101</b>
J L EDWARDS SCHOOL S Spill Number/Closed Date: 8705043 / 1987-09-29 Site ID: 62816 Spill Date: 1987-09-16	360 STATE ST J L EDW	SE 1/4 - 1/2 (0.337 mi.)	I38	107
COLUMBIA CO DPW RT 2 Spill Number/Closed Date: 9305487 / 1993-10-25 Site ID: 178452 Spill Date: 1993-08-03	178 RT 23B	SE 1/4 - 1/2 (0.347 mi.)	I39	108
<b>COLUMBIA CO OFFICE B</b> Spill Number/Closed Date: 8800944 / 1993-04-09 Site ID: 250724	<b>401 STATE ST</b>	<b>SE 1/4 - 1/2 (0.353 mi.)</b>	<b>I40</b>	<b>110</b>

## EXECUTIVE SUMMARY

Spill Date: 1988-04-29				
HUDSON SCHOOL BUS GA	407 COLUMBIA ST	SSE 1/4 - 1/2 (0.360 mi.)	H41	112
Spill Number/Closed Date: 9205832 / 1992-10-15				
Site ID: 72736				
Spill Date: 1992-08-20				
<b>NYNEX UNION ST</b>	<b>420 UNION ST</b>	<b>SSE 1/4 - 1/2 (0.425 mi.)</b>	<b>42</b>	<b>114</b>
Spill Number/Closed Date: 9210382 / 1993-04-06				
Site ID: 149876				
Spill Date: 1992-12-08				
<b>HUDSON CORRECTIONAL</b>	<b>50 EAST COURT ST</b>	<b>S 1/4 - 1/2 (0.461 mi.)</b>	<b>43</b>	<b>116</b>
Spill Number/Closed Date: 9300407 / 1993-06-24				
Site ID: 94708				
Spill Date: 1993-04-08				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHARLES M DAGWELL IN</b>	<b>5 DOCK ST</b>	<b>NNW 0 - 1/8 (0.071 mi.)</b>	<b>C10</b>	<b>48</b>
Spill Number/Closed Date: 9702550 / 2005-03-02				
Site ID: 79723				
Spill Date: 1997-05-29				
OLD HALPEN BLDG DOCK	DOCK ST	NNW 0 - 1/8 (0.098 mi.)	C16	59
Spill Number/Closed Date: 8808487 / 1989-03-22				
Site ID: 237994				
Spill Date: 1989-01-25				

### ***Lists of state and tribal registered storage tanks***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, has revealed that there are 6 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COLUMBIA COUNTY OFFI	71 N THIRD ST	ESE 1/8 - 1/4 (0.155 mi.)	F27	83
Database: UST, Date of Government Version: 02/14/2023				
HUDSON SUPERMARKET	310-312 WARREN STREE	SSE 1/8 - 1/4 (0.219 mi.)	G32	90
Database: UST, Date of Government Version: 02/14/2023				
THC ENTERPRISES PROP	318 - 324 WARREN STR	SSE 1/8 - 1/4 (0.234 mi.)	G34	96
Database: UST, Date of Government Version: 02/14/2023				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
F K A HALPERN MFG.	5 DOCK ST.	NNW 0 - 1/8 (0.071 mi.)	C8	41
Database: UST, Date of Government Version: 02/14/2023				
CRAFTECH INDUSTRIES	DOCK ST.	ENE 0 - 1/8 (0.087 mi.)	B15	57
Database: UST, Date of Government Version: 02/14/2023				
FOSTER REFRIGERATION	85 MILL STREET	ENE 1/8 - 1/4 (0.134 mi.)	D24	68
Database: UST, Date of Government Version: 02/14/2023				

## EXECUTIVE SUMMARY

MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the MOSF list, as provided by EDR, and dated 02/14/2023 has revealed that there is 1 MOSF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AJAX HUDSON TERMINAL</b> Tank Status: Inactive Facility Id: 4-1300	<b>68 WARREN ST</b>	<b>W 1/8 - 1/4 (0.134 mi.)</b>	<b>25</b>	<b>71</b>

CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the CBS list, as provided by EDR, and dated 02/14/2023 has revealed that there are 2 CBS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF HUDSON WWTP Facility Status: Active CBS Number: 4-000329	1 DOCK ST	NNW 0 - 1/8 (0.123 mi.)	E19	63
<b>CITY OF HUDSON</b> Facility Status: Unregulated/Closed CBS Number: 4-000229	<b>WASTEWATER TREATMENT</b>	<b>NNW 1/8 - 1/4 (0.163 mi.)</b>	<b>E29</b>	<b>87</b>

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THC ENTERPRISES PROP Database: AST, Date of Government Version: 02/14/2023 Facility Id: 4-601549	318 - 324 WARREN STR	SSE 1/8 - 1/4 (0.234 mi.)	G33	92
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
FOSTER REFRIGERATION Database: AST, Date of Government Version: 02/14/2023 Facility Id: 4-601634	85 MILL STREET	ENE 1/8 - 1/4 (0.134 mi.)	D22	66
<b>CITY OF HUDSON</b> Database: AST, Date of Government Version: 02/14/2023 Facility Id: 4-000229	<b>WASTEWATER TREATMENT</b>	<b>NNW 1/8 - 1/4 (0.163 mi.)</b>	<b>E29</b>	<b>87</b>

## EXECUTIVE SUMMARY

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF HUDSON</b> Facility Status: 2 Facility Status: 1 CBS Number: 4-000229	<b>WASTEWATER TREATMENT</b>	<b>NNW 1/8 - 1/4 (0.163 mi.)</b>	<b>E29</b>	<b>87</b>

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 MOSF AST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AJAX HUDSON TERMINAL</b> Facility Status: 2 Facility Status: 3	<b>68 WARREN ST</b>	<b>W 1/8 - 1/4 (0.134 mi.)</b>	<b>25</b>	<b>71</b>

TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the TANKS list, as provided by EDR, has revealed that there is 1 TANKS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF HUDSON CITY</b> Database: TANKS, Date of Government Version: 02/14/2023 Facility Id: 4-027006 Site Status: Active	<b>DOCK STREET</b>	<b>E 0 - 1/8 (0.047 mi.)</b>	<b>B5</b>	<b>38</b>

### ***Lists of state and tribal voluntary cleanup sites***

VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, has revealed that there is 1 VCP site within

## EXECUTIVE SUMMARY

approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GOLD'S SCRAP YARD</b> Database: VCP, Date of Government Version: 02/06/2023 Site Code: 58477	<b>329-347 COLUMBIA STR</b>	<b>SSE 1/8 - 1/4 (0.236 mi.)</b>	<b>35</b>	<b>98</b>

### ***Lists of state and tribal brownfield sites***

ERP: In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

A review of the ERP list, as provided by EDR, and dated 02/06/2023 has revealed that there is 1 ERP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRIFFIN SUPPLY WAREH Site Code: 58195	359-361 COLUMBIA STR	SSE 1/4 - 1/2 (0.322 mi.)	H37	106

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Records of Emergency Release Reports***

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/06/2023 has revealed that there are 10 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NATIONAL GRID Spill Number/Closed Date: 2107704 / 2022-03-08 Site ID: 628634 Spill Date: 2021-11-19	209 ROBINSON ST	ESE 0 - 1/8 (0.032 mi.)	A3	36
STOCKPORT OIL STATE Spill Number/Closed Date: 8709189 / 1988-07-14 Site ID: 137366 Spill Date: 1988-01-28	220 STATE ST	SE 0 - 1/8 (0.056 mi.)	A7	40
XTRA MART COLUMBIA S Spill Number/Closed Date: 9416601 / 1999-09-01 Site ID: 250975	COLUMBIA ST (718) @	WSW 0 - 1/8 (0.124 mi.)	21	65

## EXECUTIVE SUMMARY

Spill Date: 1995-03-23

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUDSON (C) DPW Spill Number/Closed Date: 1902822 / 2019-06-25 Site ID: 590761 Spill Date: 2019-06-18	6 DOCK ST	NNE 0 - 1/8 (0.055 mi.)	6	39
<b>CHARLES M DAGWELL IN</b> Spill Number/Closed Date: 9205258 / 1993-11-03 Site ID: 79722 Spill Date: 1992-08-06	<b>5 DOCK ST</b>	<b>NNW 0 - 1/8 (0.071 mi.)</b>	<b>C10</b>	<b>48</b>
HUDSON MAINT DOCK ST Spill Number/Closed Date: 9414072 / 1995-03-08 Site ID: 92538 Spill Date: 1995-01-05	DOCK ST MAINTENANCE	N 0 - 1/8 (0.086 mi.)	C12	51
HUDSON DEPT PUBLIC W Spill Number/Closed Date: 9810003 / 2011-07-12 Site ID: 237998 Spill Date: 1998-11-09	DOCK ST	N 0 - 1/8 (0.086 mi.)	C13	53
HUDSON CITY GARAGE Spill Number/Closed Date: 8906469 / 1989-10-02 Site ID: 237995 Spill Date: 1989-10-02	DOCK ST	N 0 - 1/8 (0.086 mi.)	C14	56
FOSTER REFRIGERATION Spill Number/Closed Date: 9713265 / 2000-07-06 Site ID: 329671 Spill Date: 1998-02-23	119 N. 2ND ST (@ DOC)	ENE 0 - 1/8 (0.118 mi.)	D18	62
CRAFT TECHNOLOGIES D Spill Number/Closed Date: 9102150 / 1991-06-12 Site ID: 237996 Spill Date: 1991-05-23	DOCK ST	NNW 0 - 1/8 (0.123 mi.)	E20	63

### Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>E A MORSE &amp; CO INC/D</b> EPA ID:: NYD987011905	<b>5 DOCK ST</b>	<b>NNW 0 - 1/8 (0.071 mi.)</b>	<b>C9</b>	<b>43</b>
<b>X-TYAL INTL CORP</b> EPA ID:: NYD066813676	<b>N FRONT &amp; DOCK ST</b>	<b>NNW 1/8 - 1/4 (0.143 mi.)</b>	<b>E26</b>	<b>78</b>

## EXECUTIVE SUMMARY

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b> EPA ID:: NYD980763841	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 03/31/2023 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUDSON RIVER PCBS</b>	<b>NO STREET APPLICABLE</b>	<b>NW 1/8 - 1/4 (0.180 mi.)</b>	<b>0</b>	<b>9</b>

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 4 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COLUMBIA COUNTY PLAN</b> EPA ID: NYP000784322	<b>44 UNION ST</b>	<b>WSW 1/8 - 1/4 (0.177 mi.)</b>	<b>30</b>	<b>89</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHARLES M DAGWELL IN</b> EPA ID: NYP000784231	<b>5 DOCK ST</b>	<b>NNW 0 - 1/8 (0.071 mi.)</b>	<b>C10</b>	<b>48</b>
<b>USEPA-FOSTER REFRIGE</b> EPA ID: NYP000945899	<b>85 MILL ST</b>	<b>ENE 1/8 - 1/4 (0.134 mi.)</b>	<b>D23</b>	<b>67</b>
<b>X-TYAL INTL CORP</b> EPA ID: NYD066813676	<b>N FRONT &amp; DOCK ST</b>	<b>NNW 1/8 - 1/4 (0.143 mi.)</b>	<b>E26</b>	<b>78</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used

## EXECUTIVE SUMMARY

whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUDSON COAL TAR SITE	WATER STREET	S 1/8 - 1/4 (0.218 mi.)	31	90

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERLE OIL COMPANY IN	205 STATE RTE 66	SSE 0 - 1/8 (0.020 mi.)	2	35
KLINE FLOYD E	79 COLUMBIA ST	SW 0 - 1/8 (0.075 mi.)	11	51

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
NM - HUDSON MGP	SHWS
CON/RAIL (CITY OF HUDSON)	SHWS
HUDSON HANDLING CO	LTANKS

# OVERVIEW MAP - 7387626.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites

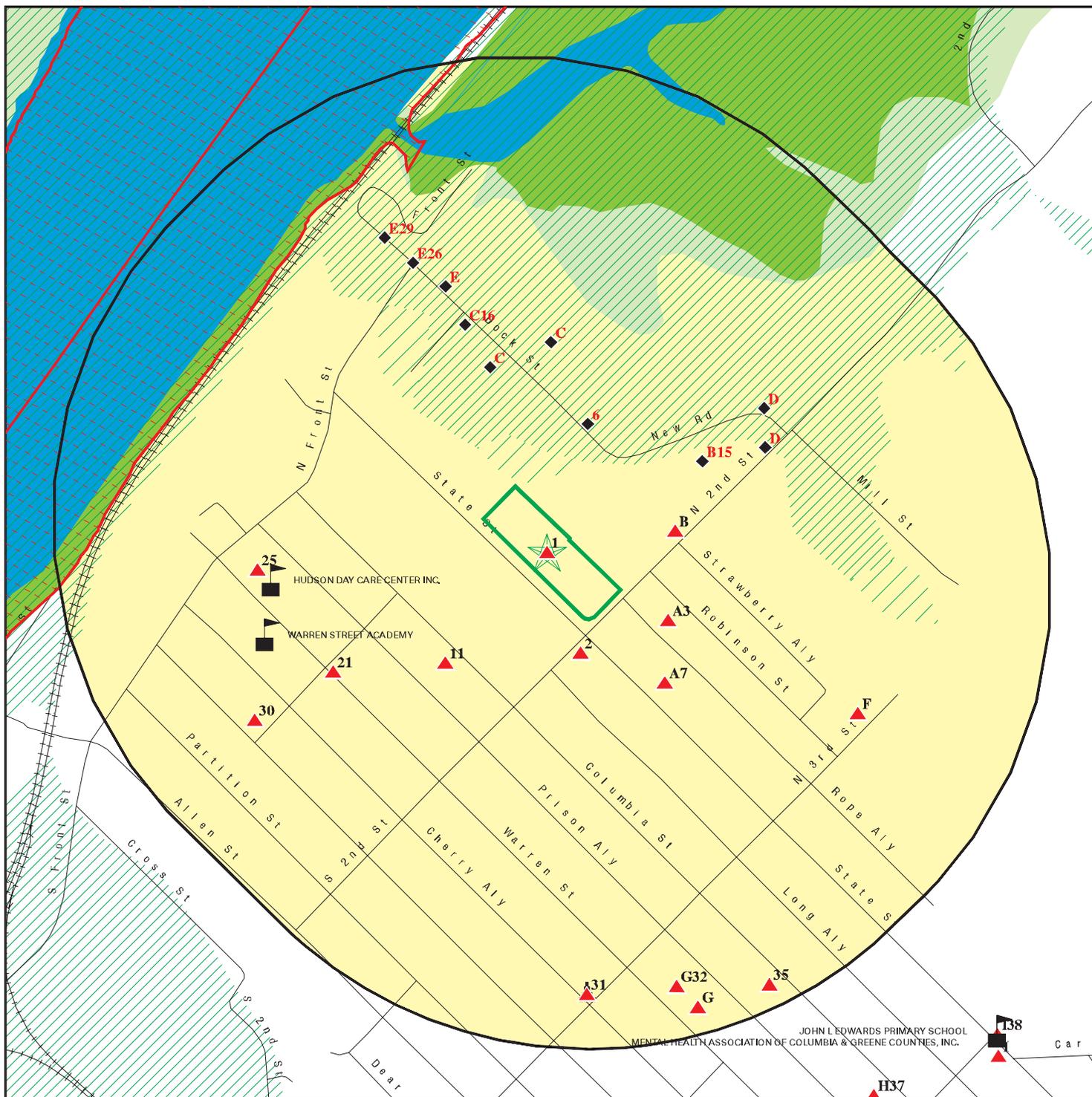
-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  Pipelines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
 Hudson NY 12534  
 LAT/LONG: 42.256496 / 73.792118

CLIENT: SESI Consulting Engineers  
 CONTACT: Annmarie Yannaco  
 INQUIRY #: 7387626.2s  
 DATE: July 12, 2023 10:48 am

# DETAIL MAP - 7387626.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  County Boundary
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
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CLIENT: SESI Consulting Engineers  
 CONTACT: Annmarie Yannaco  
 INQUIRY #: 7387626.2s  
 DATE: July 12, 2023 10:49 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROLS	0.500		0	1	0	NR	NR	1
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	1.000		0	0	0	1	NR	1
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
INDIAN LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LTANKS	0.500		3	1	7	NR	NR	11
HIST LTANKS	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	4	NR	NR	NR	6
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	1	0	NR	NR	1
CBS	0.250		1	1	NR	NR	NR	2
AST	0.250		0	3	NR	NR	NR	3
CBS AST	0.250		0	1	NR	NR	NR	1
MOSF AST	0.500		0	1	0	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		1	0	NR	NR	NR	1
<b><i>State and tribal institutional control / engineering control registries</i></b>								
RES DECL	0.125		0	NR	NR	NR	NR	0
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ERP	0.500		0	0	1	NR	NR	1
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
HIST UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST AST	0.001		0	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125	1	10	NR	NR	NR	NR	11
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		0	NR	NR	NR	NR	0
SPILLS 80	0.125		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	1	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	1	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		1	3	NR	NR	NR	4
SPDES	0.001		0	NR	NR	NR	NR	0
VAPOR REOPENED	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0

- Totals --		1	22	25	8	1	0	57
-------------	--	---	----	----	---	---	---	----

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
 EPA ID Number

**1**  
**Target**  
**Property**

**NAT GRID**  
**41 N. 2ND ST**  
**HUDSON, NY**

**NY Spills S118461348**  
**N/A**

**Actual:**  
**57 ft.**

**SPILLS:**

Name: NAT GRID  
 Address: 41 N. 2ND ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 1510294 / 2016-03-23  
 Facility ID: 1510294  
 Facility Type: ER  
 DER Facility ID: 475218  
 Site ID: 520962  
 DEC Region: 4  
 Spill Cause: Equipment Failure  
 Spill Class: C4  
 SWIS: 1106  
 Spill Date: 2016-01-14  
 Investigator: AXODONNE  
 Referred To: Not reported  
 Reported to Dept: 2016-01-19  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Transformer  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 2016-01-19  
 Spill Record Last Update: 2018-12-17  
 Spiller Name: BARBRA SCHIER (Barb Scheurer)  
 Spiller Company: NATIONAL GRID  
 Spiller Address: 41 NORTH 2ND ST  
 Spiller Company: 999  
 Contact Name: BARBRA SCHIER (BARB SCHEURER)  
 DEC Memo: "01/19/16 - Stopped at site. Walked around pad mount transformer and no signs of a spill noted.

**Remarks:**

"01/19/16 - Stopped at site. Walked around pad mount transformer and no signs of a spill noted.  
 Drove around building checking paved and concrete areas and no signs of a spill noted. DP 3/23/16 - per e-mail from Jeff Redfield (NG): MINERAL OIL DIELECTRIC FLUID, NONPCB, 3gal, NG cleaned "  
 "contained to cement pad clean up complete"

**All Materials:**

Site ID: 520962  
 Operable Unit ID: 1269990  
 Operable Unit: 01  
 Material ID: 2274159  
 Material Code: 0020A  
 Material Name: transformer oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 3.00  
 Units: G  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NAT GRID (Continued)**

**S118461348**

Site ID: 520962  
 Operable Unit ID: 1269990  
 Operable Unit: 01  
 Material ID: 2274161  
 Material Code: 0020A  
 Material Name: transformer oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 3.00  
 Units: G  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: Not reported

**NPL  
 Region  
 NW  
 1/8-1/4  
 948 ft.**

**HUDSON RIVER PCBS  
 NO STREET APPLICABLE  
 HUDSON RIVER, NY 12871**

**NPL 1000384273  
 SEMS NYD980763841  
 RCRA-LQG  
 US ENG CONTROLS  
 US INST CONTROLS  
 NY Spills  
 ROD  
 PRP  
 CONSENT**

**NPL:**

EPA Region: 2  
 EPA ID: NYD980763841  
 Site ID: 202229  
 Name: HUDSON RIVER PCBS  
 Address: NO STREET APPLICABLE  
 City,State,Zip: HUDSON RIVER, NY 12871  
 Federal: N  
 Final Date: 1984-09-21 00:00:00  
 Latitude: 43.1102  
 Longitude: -73.5765  
 Site Score: 54.659999999999997  
 NAI: Not reported  
 Native American Entity: Not reported

**Substance as of 08/2019:**

NPL Status: Currently on the Final NPL  
 Substance ID: Not reported  
 CAS Number: Not reported  
 Substance: Not reported  
 Pathway: Not reported  
 Scoring: Not reported

NPL Status: Currently on the Final NPL  
 Substance ID: A046  
 CAS Number: 1336-36-3  
 Substance: POLYCHLORINATED BIPHENYLS  
 Pathway: AIR PATHWAY  
 Scoring: 4

NPL Status: Currently on the Final NPL  
 Substance ID: A046  
 CAS Number: 1336-36-3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBs (Continued)**

**1000384273**

Substance: POLYCHLORINATED BIPHENYLS  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated 1.1 million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million (ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when the level of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabilize the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act (CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authorize a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action at the remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for parties potentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Category as of 08/2019:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer <= 10 Feet  
Category Value: 0

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population > 0 And <= 1/4 Mile  
Category Value: 10

Narratives as of 08/2019:

NPL Name: HUDSON RIVER PCBs

Site as of 08/2019:

EPA Region: 02  
Site ID: 0202229  
Site Status: F  
Federal Site: N  
Date Deleted: Not reported  
Date Finalized: 09/21/84  
Date Proposed: 09/08/83

Site Status as of 08/2019:

Proposed Date: 09/08/1983  
Final Date: 09/21/1984  
Deleted Date: Not reported  
NPL Status: Final

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Narr:

Site Name: Hudson River PCBS  
Site EPA ID: NYD980763841  
Listing Date: 9/21/1984  
Site Score: 54.66  
Federal Facility Indicator: No  
Site List URL: <https://semspub.epa.gov/src/document/02/363560>  
Site Progress URL: <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0202229>  
Federal Register URL: <https://semspub.epa.gov/src/document/11/189627>  
Site Location URL: [https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund\\_National\\_Priorities\\_List\\_\\_NPL\\_\\_Sites\\_with\\_Status\\_Information\\_7557,SITE\\_EPA\\_ID=%27NYD980763841%27](https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List__NPL__Sites_with_Status_Information_7557,SITE_EPA_ID=%27NYD980763841%27)

SEMS:

Site ID: 0202229  
EPA ID: NYD980763841  
Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
Address 2: Not reported  
City,State,Zip: HUDSON RIVER, NY 12871-2834  
Cong District: 21  
FIPS Code: 36115  
Latitude: +43.110200  
Longitude: -073.576500  
FF: N  
NPL: Currently on the Final NPL  
Non NPL Status: Not reported

SEMS Detail:

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1983-08-01 04:00:00  
Finish Date: 1983-09-01 04:00:00  
Qual: H  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: TG  
Action Name: TA GRANT  
SEQ: 1  
Start Date: 1995-09-29 04:00:00  
Finish Date: 2005-09-20 04:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1999-10-06 04:00:00
Finish Date:	2001-09-14 04:00:00
Qual:	S
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1992-11-19 05:00:00
Finish Date:	1992-12-01 05:00:00
Qual:	S
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	4
Start Date:	1998-10-14 04:00:00
Finish Date:	1999-01-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	RD
Action Name:	RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

SEQ: 2  
Start Date: 1989-02-02 05:00:00  
Finish Date: 1989-06-05 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 01  
Action Code: CO  
Action Name: RI/FS  
SEQ: 1  
Start Date: 1984-03-30 06:00:00  
Finish Date: 1984-09-25 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1983-09-01 04:00:00  
Finish Date: 1983-09-01 04:00:00  
Qual: L  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: NP  
Action Name: PROPOSED  
SEQ: 1  
Start Date: 1983-09-08 04:00:00  
Finish Date: 1983-09-08 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	2
Start Date:	1991-02-22 05:00:00
Finish Date:	2007-04-03 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	2005-11-07 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1983-07-01 04:00:00
Finish Date:	1983-07-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	2
Start Date:	2002-03-25 05:00:00
Finish Date:	2006-11-02 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: CO  
Action Name: RI/FS  
SEQ: 2  
Start Date: 1990-07-25 04:00:00  
Finish Date: 2002-02-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: NF  
Action Name: NPL FINL  
SEQ: 1  
Start Date: 1984-09-21 05:00:00  
Finish Date: 1984-09-21 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 1990-04-17 04:00:00  
Finish Date: 1990-08-21 04:00:00  
Qual: S  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 01  
Action Code: RO  
Action Name: ROD  
SEQ: 1  
Start Date: 1984-09-25 05:00:00  
Finish Date: 1984-09-25 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: RO  
Action Name: ROD  
SEQ: 2  
Start Date: 2002-02-01 05:00:00  
Finish Date: 2002-02-01 05:00:00  
Qual: R  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 1  
Start Date: 1991-09-30 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 03  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 3  
Start Date: 1998-06-03 04:00:00  
Finish Date: 1999-06-24 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: SS  
Action Name: ESI RI  
SEQ: 1  
Start Date: 2002-06-30 04:00:00  
Finish Date: 2005-08-31 04:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Qual: W  
Current Action Lead: EPA Perf  
  
Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: FE  
Action Name: 5 YEAR  
SEQ: 1  
Start Date: 2012-06-01 05:00:00  
Finish Date: 2012-06-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: RA  
Action Name: RA  
SEQ: 2  
Start Date: 2008-05-09 04:00:00  
Finish Date: 2009-11-24 05:00:00  
Qual: FR  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: RA  
Action Name: RA  
SEQ: 3  
Start Date: 2008-12-04 05:00:00  
Finish Date: 2009-12-23 05:00:00  
Qual: FR  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: FE  
Action Name: 5 YEAR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

SEQ:	2
Start Date:	2016-03-29 05:00:00
Finish Date:	2019-04-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1992-04-24 04:00:00
Finish Date:	Not reported
Qual:	E
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	2000-03-28 05:00:00
Finish Date:	Not reported
Qual:	V
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	1
Start Date:	1989-05-18 04:00:00
Finish Date:	1991-01-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	1
Start Date:	1989-10-13 04:00:00
Finish Date:	1992-09-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	EL
Action Name:	PRP CR
SEQ:	1
Start Date:	1989-07-07 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	1989-09-27 04:00:00
Finish Date:	1990-09-28 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	04
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	2008-09-08 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 01  
Action Code: BF  
Action Name: PRP RA  
SEQ: 2  
Start Date: 1990-09-28 04:00:00  
Finish Date: 1992-09-29 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: BE  
Action Name: PRP RD  
SEQ: 4  
Start Date: 2003-08-14 04:00:00  
Finish Date: 2008-01-25 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: BE  
Action Name: PRP RD  
SEQ: 3  
Start Date: 2002-07-23 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: BF  
Action Name: PRP RA  
SEQ: 4  
Start Date: 2010-12-31 05:00:00  
Finish Date: 2019-04-11 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: BF  
Action Name: PRP RA  
SEQ: 3  
Start Date: 2005-09-06 04:00:00  
Finish Date: 2012-09-04 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: BE  
Action Name: PRP RD  
SEQ: 6  
Start Date: 2003-08-14 04:00:00  
Finish Date: 2011-04-26 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 00  
Action Code: PJ  
Action Name: RP EM REM  
SEQ: 1  
Start Date: 2007-08-24 04:00:00  
Finish Date: 2007-08-27 04:00:00  
Qual: C  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 04  
Action Code: BB  
Action Name: PRP RV  
SEQ: 1  
Start Date: 2007-09-11 04:00:00  
Finish Date: 2012-04-10 04:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Qual: S  
Current Action Lead: EPA Ovrsght  
  
Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 02  
Action Code: OM  
Action Name: OM  
SEQ: 1  
Start Date: 2019-04-11 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 02  
Site ID: 0202229  
EPA ID: NYD980763841  
Site Name: HUDSON RIVER PCBS  
NPL: F  
FF: N  
OU: 01  
Action Code: RD  
Action Name: RD  
SEQ: 1  
Start Date: 1984-09-28 05:00:00  
Finish Date: 1990-05-18 04:00:00  
Qual: Not reported  
Current Action Lead: St Perf

**RCRA Listings:**

Date Form Received by Agency: 20180215  
Handler Name: Ge Hudson River Sediment Remediation Processing And Transporta  
Facility  
Handler Address: 446 LOCK 8 WAY  
Handler City,State,Zip: HUDSON FALLS, NY 12839  
EPA ID: NYD980763841  
Contact Name: ROBERT G GIBSON  
Contact Address: RIVER ROAD  
Contact City,State,Zip: SCHENECTADY, NY 12345  
Contact Telephone: 518-388-7505  
Contact Fax: Not reported  
Contact Email: BOB.GIBSON@GE.COM  
Contact Title: SENIOR PROJECT MANAGER  
EPA Region: 02  
Land Type: Other  
Federal Waste Generator Description: Large Quantity Generator  
Non-Notifier: Not reported  
Biennial Report Cycle: 2017  
Accessibility: Not reported  
Active Site Indicator: Handler Activities  
State District Owner: Ny  
State District: NYSDEC R5

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Mailing Address:	RIVER ROAD
Mailing City,State,Zip:	SCHENECTADY, NY 12345
Owner Name:	See Comments In Section 18
Owner Type:	Other
Operator Name:	General Electric Company
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Year: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Click Here for Biennial Reporting System Data:  
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D006  
Waste Description: Cadmium

Waste Code: D007  
Waste Description: Chromium

Waste Code: D008  
Waste Description: Lead

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: GENERAL ELECTRIC COMPANY  
Legal Status: Private  
Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: 1 RIVER ROAD  
Owner/Operator City,State,Zip: SCHENECTADY, NY 12345  
Owner/Operator Telephone: 518-388-7505  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: GENERAL ELECTRIC COMPANY  
Legal Status: Private  
Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: 9TH AVE SW  
Owner/Operator City,State,Zip: CALGARY T2P 4Z4  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: CANADIAN PACIFIC RR  
Legal Status: Private  
Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: 9TH AVE SW  
Owner/Operator City,State,Zip: CALGARY T2P 4Z4  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: GENERAL ELECTRIC COMPANY  
Legal Status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: USEPA  
Legal Status: Federal  
Date Became Current: 20080604  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SEE SECTION 11 COMMENTS  
Legal Status: State  
Date Became Current: 20070502  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: NY  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SEE COMMENTS IN SECTION 18  
Legal Status: Other  
Date Became Current: 20070204  
Date Ended Current: Not reported  
Owner/Operator Address: 446 LOCK WAY  
Owner/Operator City,State,Zip: HUDSON FALLS, NY 12839  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: WCC LLC  
Legal Status: Private  
Date Became Current: 20070402  
Date Ended Current: Not reported  
Owner/Operator Address: 67 WILLOW GLEN  
Owner/Operator City,State,Zip: MECHANICVILLE, NY 12188  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Owner/Operator Indicator: Operator  
Owner/Operator Name: GE HUDSON RIVER SEDIMENT REMEDIATION  
Legal Status: Private  
Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: 381 BROADWAY  
Owner/Operator City,State,Zip: FORT EDWARD, NY 12828  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: GENERAL ELECTRIC CO  
Legal Status: Private  
Date Became Current: 20070402  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: GE HUDSON RIVER SEDIMENT REMEDIATION  
Legal Status: Private  
Date Became Current: 20070423  
Date Ended Current: Not reported  
Owner/Operator Address: 381 BROADWAY  
Owner/Operator City,State,Zip: FORT EDWARD, NY 12828  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: CANADIAN PACIFIC RAILROAD  
Legal Status: Private  
Date Became Current: 20070502  
Date Ended Current: Not reported  
Owner/Operator Address: 401 9TH AVE SW  
Owner/Operator City,State,Zip: CALGARY, AB T2P4Z4  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:  
Receive Date: 20010101  
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20100303  
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY

Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20120301  
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY

Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20140303  
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY

Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20180215  
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY

Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 20060101  
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20070101  
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20080829  
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56291  
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Site:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
Address 2: Not reported  
City,State,Zip: HUDSON RIVER, NY 12871-2834  
Event Code: Not reported  
Action Taken Date: 02/01/2002  
EPA ID: NYD980763841  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 02  
Contaminated Media: Sediment  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

Media:  
EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 09/25/1984  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 1984  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 09/25/1984  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 1984  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON RIVER PCBS (Continued)

1000384273

Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 09/25/1984  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 1984  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 09/25/1984  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 1984  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Surface Water  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

EPA ID: NYD980763841  
Contaminated Media: Surface Water  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Latitude: +43.110200  
Longitude: -073.576500  
  
EPA ID: NYD980763841  
Contaminated Media: Sediment  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 02/01/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

**US INST CONTROLS:**

Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
Address 2: Not reported  
City,State,Zip: HUDSON RIVER, NY 12871-2834  
EPA ID: NYD980763841  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 02  
Actual Date: 02/01/2002  
Contaminated Media: Surface Water  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: N  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +43.110200  
Longitude: -073.576500

**SPILLS:**

Name: HUDSON RIVER  
Address: HUDSON RIVER  
City,State,Zip: OSSINING, NY  
Spill Number/Closed Date: 0308107 / 2003-10-31  
Facility ID: 0308107  
Facility Type: ER  
DER Facility ID: 278391  
Site ID: 237813  
DEC Region: 3  
Spill Cause: Abandoned Drums  
Spill Class: D4  
SWIS: 6000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Spill Date: 2003-10-31  
Investigator: rxamato  
Referred To: Not reported  
Reported to Dept: 2003-10-31  
CID: 297  
Water Affected: HUDSON RIVER  
Spill Source: Unknown  
Spill Notifier: Federal Government  
Cleanup Ceased: Not reported  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2003-10-31  
Spill Record Last Update: 2003-11-06  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller Company: 001  
Contact Name: PETTY OFFICER HAWKINS  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was SMITH 10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak."  
Remarks: "CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE"

All Materials:

Site ID: 237813  
Operable Unit ID: 874400  
Operable Unit: 01  
Material ID: 501630  
Material Code: 0066A  
Material Name: unknown petroleum  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 55.00  
Units: G  
Recovered: .00  
Resource Affected: Surface Water  
Oxygenate: Not reported

ROD:

Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
City,State,Zip: HUDSON RIVER, NY 12871  
EPA ID: NYD980763841  
RG: 2  
Site ID: 202229  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: REMNANT DEPOSIT CAPPING  
SEQ ID: 1  
Action Completion: 1984-09-25 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
City,State,Zip: HUDSON RIVER, NY 12871  
EPA ID: NYD980763841  
RG: 2  
Site ID: 202229  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: REASSESSMENT RIVER  
SEQ ID: 2  
Action Completion: 2002-02-01 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

PRP:

PRP Name: DELAWARE AND HUDSON RAILWAY CO INC  
GENERAL ELECTRIC COMPANY  
GOLUB PROPERTIES OF WATERVLIT INC  
NEW YORK STATE CANAL CORPORATION  
NIAGARA MOHAWK POWER COMPANY  
TOWN OF HALFMOON NEW YORK  
VILLAGE OF STILLWATER  
WATER COMMISSIONERS OF THE TOWN OF WATERFORD

CONSENT:

EPA ID: NYD980763841  
Site ID: 0284  
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)  
Court Num: 05-1270  
District: New York, North  
Entered Date: 11/02/06  
Name: HUDSON RIVER PCBS  
Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
City,State,Zip: HUDSON RIVER, NY 12801  
County: WASHINGTON

EPA ID: NYD980763841  
Site ID: 0284  
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)  
Court Num: 05-1270  
District: New York, North  
Entered Date: 11/02/06  
Name: HUDSON RIVER PCBS  
Name: HUDSON RIVER PCBS  
Address: NO STREET APPLICABLE  
City,State,Zip: HUDSON RIVER, NY 12801

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUDSON RIVER PCBS (Continued)**

**1000384273**

County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	0284
Case Title:	U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num:	05-1270
District:	New York, North
Entered Date:	11/02/06
Name:	HUDSON RIVER PCBS
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	Not reported
Case Title:	Not reported
Court Num:	Not reported
District:	Not reported
Entered Date:	Not reported
Name:	US V. GENERAL ELECTRIC COMPANY
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	0284
Case Title:	U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num:	05-1270
District:	New York, North
Entered Date:	11/02/06
Name:	HUDSON RIVER PCBS
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON

**2**  
**SSE**  
**< 1/8**  
**0.020 mi.**  
**105 ft.**

**MERLE OIL COMPANY INC**  
**205 STATE RTE 66**  
**HUDSON, NY 12534**

**EDR Hist Auto 1021060146**  
**N/A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**70 ft.**

Year:	Name:	Type:
2006	MERLE OIL COMPANY INC	Fuel Oil Dealers
2007	MERLE OIL COMPANY INC	Fuel Oil Dealers
2008	MERLE OIL COMPANY INC	Fuel Oil Dealers

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3**  
**ESE**  
**< 1/8**  
**0.032 mi.**  
**171 ft.**

**NATIONAL GRID**  
**209 ROBINSON ST**  
**HUDSON, NY**  
  
**Site 1 of 2 in cluster A**

**NY Spills**    **S128043593**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**78 ft.**

**SPILLS:**

Name: NATIONAL GRID  
Address: 209 ROBINSON ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 2107704 / 2022-03-08  
Facility ID: 2107704  
Facility Type: ER  
DER Facility ID: 575723  
Site ID: 628634  
DEC Region: 4  
Spill Cause: Traffic Accident  
Spill Class: C4  
SWIS: 1106  
Spill Date: 2021-11-19  
Investigator: AXODONNE  
Referred To: Not reported  
Reported to Dept: 2021-11-19  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Passenger Vehicle  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2021-11-19  
Spill Record Last Update: 2022-03-08  
Spiller Name: JENNIFER  
Spiller Company: MVA  
Spiller Address: 209 ROBINSON ST  
Spiller Company: 999  
Contact Name: JENNIFER  
DEC Memo: "11/19/2021-TC with Jennifer from National Grid, motor vehicle accident impacted pole and pole mounted transformer, transformer oil released to pavement. No other known impacts. She did not know quantity released. Ayla can follow up with Matt Root. KO 11.19.2021 - email sent to MR for cleanup detail. aod 03.08.22 - Transformer spill due to MVA, oil spilled on Blacktop roadway area.2 Drums of speedi-dri removed. Restoration complete. closed. aod"  
  
Remarks: "MVA CAR HIT POLE CLEANUP PENDING"

All Materials:

Site ID: 628634  
Operable Unit ID: 1375752  
Operable Unit: 01  
Material ID: 2389284  
Material Code: 0020A  
Material Name: transformer oil  
Case No.: Not reported  
Material FA: Petroleum

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NATIONAL GRID (Continued)**

**S128043593**

Quantity: Not reported  
 Units: Not reported  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: Not reported

**B4**  
**East**  
**< 1/8**  
**0.047 mi.**  
**247 ft.**

**HUDSON CITY GARAGE**  
**DOCK ST**  
**HUDSON, NY**

**LTANKS** **S100134778**  
**N/A**

**Site 1 of 3 in cluster B**

**Relative:**  
**Higher**  
**Actual:**  
**70 ft.**

**LTANKS:**  
 Name: HUDSON CITY GARAGE  
 Address: DOCK ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 8705274 / 1987-10-22  
 Facility ID: 8705274  
 Site ID: 237993  
 Spill Date: 1987-09-23  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: B3  
 Cleanup Ceased: 1987-10-22  
 SWIS: 1106  
 Investigator: MCDONALD  
 Referred To: Not reported  
 Reported to Dept: 1987-09-23  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 Meets Standard: True  
 UST Involvement: True  
 Remediation Phase: 0  
 Date Entered In Computer: 1987-09-25  
 Spill Record Last Update: 2010-11-10  
 Spiller Name: Not reported  
 Spiller Company: HUDSON CITY GARAGE  
 Spiller Address: DOCK ST  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 4  
 DER Facility ID: 396896  
 DEC Memo: "PBS 4-027006; see 8705274, 8906469, 9414072, 9810003 (Edocs)."  
 Remarks: "4K UGT FAILURE @ -.3539 GPH. WILL ISOLATE - REPAIR - RETEST."

**All TTF:**  
 Facility ID: 8705274  
 Spill Number: 8705274  
 Spill Tank Test: 1531711  
 Site ID: 237993  
 Tank Number: Not reported  
 Tank Size: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON CITY GARAGE (Continued)**

**S100134778**

Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 237993  
Operable Unit ID: 911462  
Operable Unit: 01  
Material ID: 467871  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

**B5**  
**East**  
**< 1/8**  
**0.047 mi.**  
**247 ft.**

**CITY OF HUDSON CITY GARAGE**  
**DOCK STREET**  
**HUDSON, NY 12534**

**TANKS** **U003075953**  
**N/A**

**Site 2 of 3 in cluster B**

**Relative:**  
**Higher**  
**Actual:**  
**70 ft.**

TANKS:  
Name: CITY OF HUDSON CITY GARAGE  
Address: DOCK STREET  
City,State,Zip: HUDSON, NY 12534  
Facility Id: 4-027006  
Region: STATE  
DEC Region: 4  
Site Status: Active  
Program Type: PBS  
Expiration Date: 09/19/2026  
UTM X: 599687.76883  
UTM Y: 4679053.77423

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**6**  
**NNE**  
**< 1/8**  
**0.055 mi.**  
**291 ft.**

**HUDSON (C) DPW**  
**6 DOCK ST**  
**HUDSON, NY**

**NY Spills**    **S124518018**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

**SPILLS:**

Name: HUDSON (C) DPW  
 Address: 6 DOCK ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 1902822 / 2019-06-25  
 Facility ID: 1902822  
 Facility Type: ER  
 DER Facility ID: 540958  
 Site ID: 590761  
 DEC Region: 4  
 Spill Cause: Deliberate  
 Spill Class: Not reported  
 SWIS: 1106  
 Spill Date: 2019-06-18  
 Investigator: DFPICKET  
 Referred To: Not reported  
 Reported to Dept: 2019-06-18  
 CID: Not reported  
 Water Affected: HUDSON RIVER  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Other  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 2019-06-18  
 Spill Record Last Update: 2019-06-25  
 Spiller Name: CARL PELLEGRINO  
 Spiller Company: HUDSON MUNICIPALITY  
 Spiller Address: 6 DOCK ST  
 Spiller Company: 999  
 Contact Name: CARL PELLEGRINO  
 DEC Memo: "06/18/19 - TC with Rob Perry (City of Hudson DPW Supt). He indicated that due to the rain they have not done anything today. The NRC report indicated it happened on 6/11/19 a week ago. Rob said they don t paint lines on the road. They use a product that is melted onto the road. Solid thin strip material that is put down and melted to roadway. He will check into it and let me know what he finds out. He did say they have a street sweeper that dumps into a settling basin on site to contain solids and then the settling basin is cleaned out periodically. DP 06/21/19 - Met on site with Rob Perry (Hudson (C) DPW) and Kevin Sarnowicz (DEC). Noted dried roadway paint on pavement by ditch and small amount on grass. Rob indicated paint due to doing test strips on pavement. Advised him to cleanup area on grass and properly disposed of material. Noted catch basin used to dump road sweeper material into. Catch basin goes to ditch along side of

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUDSON (C) DPW (Continued)**

**S124518018**

Remarks: building. While on site noted DPW employee washing off area in front of DPW building into catch basin. Water in ditch turbid. Noted sediment deposits in ditch and erosion along sides of ditch. Took photos. DP 06/25/19 - Referred to Division of Water for followup. CLOSED. DP "unknown product spilled is used to clean out tank sprayers, into drainage ditch, drains to Hudson . An anonymous report to US EPA."

All Materials:  
 Site ID: 590761  
 Operable Unit ID: 1338392  
 Operable Unit: 01  
 Material ID: 2347876  
 Material Code: 0064A  
 Material Name: unknown material  
 Case No.: Not reported  
 Material FA: Other  
 Quantity: Not reported  
 Units: Not reported  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: Not reported

**A7**  
**SE**  
 < 1/8  
 0.056 mi.  
 294 ft.

**STOCKPORT OIL STATE ST**  
**220 STATE ST**  
**HUDSON, NY**  
 Site 2 of 2 in cluster A

**NY Spills S104496330**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**75 ft.**

SPILLS:  
 Name: STOCKPORT OIL STATE ST  
 Address: 220 STATE ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 8709189 / 1988-07-14  
 Facility ID: 8709189  
 Facility Type: ER  
 DER Facility ID: 117524  
 Site ID: 137366  
 DEC Region: 4  
 Spill Cause: Human Error  
 Spill Class: B3  
 SWIS: 1106  
 Spill Date: 1988-01-28  
 Investigator: MCDONALD  
 Referred To: Not reported  
 Reported to Dept: 1988-01-28  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Police Department  
 Cleanup Ceased: 1988-01-28  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOCKPORT OIL STATE ST (Continued)**

**S104496330**

Date Entered In Computer: 1988-02-23  
Spill Record Last Update: 2000-01-21  
Spiller Name: Not reported  
Spiller Company: STOCKPORT OIL  
Spiller Address: RT 9  
Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: ""  
Remarks: "FIRE DEPT. & PUBLIC WORKS ON SCENE; RICHARD GABRIEL OWNER OF STOCKPORT OIL REFUSED TO DO WORK, MCDONALD HIRED NEMCO, GABRIEL ACCEPTED CLEAN-UP LATER; CAUSE OVERFILL OF TANKER @ VALLEY OIL."

All Materials:

Site ID: 137366  
Operable Unit ID: 914294  
Operable Unit: 01  
Material ID: 464521  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100.00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

**C8  
NNW  
< 1/8  
0.071 mi.  
374 ft.**

**F K A HALPERN MFG.  
5 DOCK ST.  
HUDSON, NY 12534  
Site 1 of 7 in cluster C**

**UST U001845917  
N/A**

**Relative:  
Lower  
Actual:  
9 ft.**

UST:  
Name: F K A HALPERN MFG.  
Address: 5 DOCK ST.  
City,State,Zip: HUDSON, NY 12534  
Id/Status: 4-484423 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: 599559.49661  
UTM Y: 4679121.25111  
Site Type: Unknown

Affiliation Records:

Site Id: 37159  
Affiliation Type: Facility Owner  
Company Name: CHARLES M. DAGWELL  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 5 DOCK ST.  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**F K A HALPERN MFG. (Continued)**

**U001845917**

Phone: (518) 828-6994  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37159  
Affiliation Type: Mail Contact  
Company Name: CHARLES M. DAGWELL  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 5 DOCK ST.  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-6994  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37159  
Affiliation Type: Facility Operator  
Company Name: F K A HALPERN MFG.  
Contact Type: Not reported  
Contact Name: CHARLES M. DAGWELL INC.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-6994  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37159  
Affiliation Type: Emergency Contact  
Company Name: CHARLES M. DAGWELL  
Contact Type: Not reported  
Contact Name: EMERSON A. MORSE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 392-3078  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**F K A HALPERN MFG. (Continued)**

**U001845917**

Tank Info:

Tank Number: 1  
Tank ID: 92372  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 01/01/1975  
Date Tank Closed: 08/01/1992  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 01  
Date Test: 01/01/1989  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

**C9**  
**NNW**  
**< 1/8**  
**0.071 mi.**  
**374 ft.**

**E A MORSE & CO INC/DAGWELL BR**  
**5 DOCK ST**  
**HUDSON, NY 12534**  
**Site 2 of 7 in cluster C**

**RCRA NonGen / NLR** **1000789727**  
**FINDS** **NYD987011905**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

RCRA Listings:  
Date Form Received by Agency: 20070101  
Handler Name: E A Morse & Co Inc/Dagwell Br  
Handler Address: 5 DOCK ST  
Handler City,State,Zip: HUDSON, NY 12534-2002  
EPA ID: NYD987011905  
Contact Name: Not reported  
Contact Address: DOCK ST  
Contact City,State,Zip: HUDSON, NY 12075  
Contact Telephone: Not reported  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 02  
Land Type: Private  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E A MORSE & CO INC/DAGWELL BR (Continued)**

**1000789727**

Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R4
Mailing Address:	DOCK ST
Mailing City,State,Zip:	HUDSON, NY 12075
Owner Name:	E A Morse & Co Inc
Owner Type:	Private
Operator Name:	E A Morse & Co Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	X001
Waste Description:	Not Defined

Handler - Owner Operator:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E A MORSE & CO INC/DAGWELL BR (Continued)**

**1000789727**

Owner/Operator Indicator: Owner  
Owner/Operator Name: E A MORSE & CO INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5 DOCK ST  
Owner/Operator City,State,Zip: HUDSON, NY 12075  
Owner/Operator Telephone: 518-828-6994  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: E A MORSE & CO INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5 DOCK ST  
Owner/Operator City,State,Zip: HUDSON, NY 12075  
Owner/Operator Telephone: 518-828-6994  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: E A MORSE & CO INC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 5 DOCK ST  
Owner/Operator City,State,Zip: HUDSON, NY 12075  
Owner/Operator Telephone: 518-828-6994  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708  
Handler Name: E A MORSE & CO INC/DAGWELL BR  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20060101  
Handler Name: E A MORSE & CO INC/DAGWELL BR  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E A MORSE & CO INC/DAGWELL BR (Continued)**

**1000789727**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20070101  
Handler Name: E A MORSE & CO INC/DAGWELL BR  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19920817  
Handler Name: E A MORSE & CO INC/DAGWELL BR  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:  
Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E A MORSE & CO INC/DAGWELL BR (Continued)**

**1000789727**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19970328
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2PFC
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110004493931

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000789727
Registry ID:	110004493931
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110004493931">http://echo.epa.gov/detailed-facility-report?fid=110004493931</a>
Name:	E A MORSE & CO INC/DAGWELL BR
Address:	5 DOCK ST
City,State,Zip:	HUDSON, NY 12534

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

C10  
NNW  
< 1/8  
0.071 mi.  
374 ft.

**CHARLES M DAGWELL INC**  
**5 DOCK ST**  
**HUDSON, NY 12534**

**LTANKS**  
**NY Spills**  
**MANIFEST**

**S102112044**  
**N/A**

**Site 3 of 7 in cluster C**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**9 ft.**

Name: DAGWELL CO DOCK ST  
Address: 5 DOCK ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 9702550 / 2005-03-02  
Facility ID: 9702550  
Site ID: 79723  
Spill Date: 1997-05-29  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: B3  
Cleanup Ceased: Not reported  
SWIS: 1106  
Investigator: AJKOKOCK  
Referred To: Not reported  
Reported to Dept: 1997-05-29  
CID: 369  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: 1997-06-02  
Recommended Penalty: False  
Meets Standard: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1997-05-29  
Spill Record Last Update: 2006-04-11  
Spiller Name: EMERSON MORSE  
Spiller Company: CHARLES M. DAGWELL CO.  
Spiller Address: 5 DOCK ST.  
Spiller County: 001  
Spiller Contact: GINA CALDERONE (CRAWFORD)  
Spiller Phone: (518) 828-2700  
Spiller Extention: Not reported  
DEC Region: 4  
DER Facility ID: 266709  
DEC Memo:

"Prior to Sept. 2004 data translation this spill Lead\_DEC Field was KOKOCKI SEE 8808487, 9205258. PHASE 2 SITE ASSESSMENT DISCOVERED CONTAMINATION IN THE GROUND ON SOUTH SIDE OF THE PROPERTY. ORIGINALLY THERE WAS A BULK PLANT THERE UNTIL THE LATE FIFTIES- EARLY SIXTIES. THE BULK PLANT PROPERTY WAS SPLIT-- PART GOING TO THE DAGRELL PROP. (I'VE ALSO SPELLED IT DAGWELL), THE REST NOW BELONGING TO: ARTHUR GREEN (SEE FOLDER) 200 NORTH ST. KINGSTON, NY 12401 NO FREE PRODUCT, SMELLS LIKE OLD PETRO. CRAWFORD ASSOC. DOING INVESTIGATION FOR REAL ESTATE TRANSACTION. PHASE II REC'D 7/21. SHOWS SMALL AMOUNT OF CONTAMINATION IN TWO ISOLATED SPOTS-- ONE IN BACK OF BUILDING, AND SOME RESIDUE FROM THE OLD TANK PULL IN THE FRONT. ADDITIONALLY, THERE IS SOME SEVERELY CONTAMINATED SOIL ALONG THE SOUTH BORDER OF THE PROPERTY LINE, WHERE AN OLD TANK FARM USED TO BE. IT IS UNCLER WHETHER THE DAGWELL PROPERTY WAS PART OF THAT TANK FARM (WHICH WOULD MAKE THEM RESPONSIBLE FOR THE CLEANUP OF THOSE OLD SPILLS), OR NOT (CONTAMINATION CAME FROM OFFSITE). LETTER REQUESTING CLARIFICATION SENT WEEK OF AUG. 14, 1997. Title search revealed existence of a Mobil tank farm on the adjacent property many years ago. Some of the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES M DAGWELL INC (Continued)**

**S102112044**

land may have been transferred to the property that became Dagwell. Arthur Green owns the next door property. SENT A LETTER TO MR. GREEN 6/3/97. SECOND LETTER SENT RETURN RECEIPT 8/22/97. WB 9/1/98 Dec title search. Links made showing Mobil ownership of the property. Sent results to Lisa Harris of the AG's Office. Richard Shapiro is the Atty. for Dagwell (914)342-3296. 1/10/01 Report rec'd. from Dagwell, showing contamination on the Green (former Mobil) site, going onto Dagwell. 11/13/01 CALL FROM aTTY FOR Dagwell? FOIL request. JUDY KARPEN CONTACTED. She inherited Lisa's cases. 12/9/02: Site transferred from TK to KG. Mobil has agreed to perform required subsurface investigation. KG has requested time table but has yet to receive. (KG) 04/11/2006 File update, Mobil excavated petroleum contaminated soils from property. Confirmation sampling was submitted to the Department. Some residuals remained, overall cleanup met wokplan objectives. No additional investigation or remediation is required. Closure letter dated 3/2/2005 was sent to Mobil. " "CONTAMINATED SOIL-DURING PHASE 2 EVALUATION "

Remarks:

All Materials:

Site ID: 79723  
Operable Unit ID: 1048557  
Operable Unit: 01  
Material ID: 335487  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

SPILLS:

Name: CHARLES DAGRELL CO  
Address: 5 DOCK ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 9205258 / 1993-11-03  
Facility ID: 9205258  
Facility Type: ER  
DER Facility ID: 266709  
Site ID: 79722  
DEC Region: 4  
Spill Cause: Unknown  
Spill Class: B3  
SWIS: 1106  
Spill Date: 1992-08-06  
Investigator: AJKOKOCK  
Referred To: Not reported  
Reported to Dept: 1992-08-07  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: 1993-11-03  
Cleanup Meets Std: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES M DAGWELL INC (Continued)**

**S102112044**

Last Inspection: 1994-08-21  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1992-08-13  
Spill Record Last Update: 2007-11-01  
Spiller Name: Not reported  
Spiller Company: CHARLES DAGRELL [DAGWELL]  
Spiller Address: 5 DOCK ST  
Spiller Company: 001  
Contact Name: EMERSON MORSE  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was KOKOCKI SOILS LETTER SENT 11/95. CALL FROM EMERSON MORSE 4/3/97. WILL FORWARD RESULTS FROM TESTING. WANTS TO SELL BLDG. 4/3/97 RESULTS RECEIVED. CLOSEOUT SENT. WB SEE REPORT; 8808487, 9702550 (FOLDER). "  
Remarks: "4K UGT, FOUND CONT. SOIL DURING REMOVAL. 4 TRUCKS CONT. SOIL TREATED O NSITE. SITE LOCATED ON TOP OF REALLY OLD LANDFILL. SOIL TREATED, COMPL ETE."

All Materials:  
Site ID: 79722  
Operable Unit ID: 972675  
Operable Unit: 01  
Material ID: 409479  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 250.00  
Units: G  
Recovered: 125.00  
Resource Affected: Soil  
Oxygenate: Not reported

NY MANIFEST:  
Name: CHARLES M DAGWELL INC  
Address: 5 DOCK ST  
City,State,Zip: HUDSON, NY 12534  
Country: USA  
EPA ID: NYP000784231  
Facility Status: Not reported  
Location Address 1: 5 DOCK ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: HUDSON  
Location State: NY  
Location Zip: 12534  
Location Zip 4: 2002

NY MANIFEST:  
EPAID: NYP000784231  
Mailing Name: CHARLES M DAGWELL INC  
Mailing Contact: CHARLES M DAGWELL INC  
Mailing Address 1: 5 DOCK ST

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHARLES M DAGWELL INC (Continued)**

**S102112044**

Mailing Address 2: Not reported  
 Mailing City: HUDSON  
 Mailing State: NY  
 Mailing Zip: 12534  
 Mailing Zip 4: 2002  
 Mailing Country: USA  
 Mailing Phone: 5188286994

**11**  
**SW**  
 < 1/8  
 0.075 mi.  
 396 ft.

**KLINE FLOYD E**  
**79 COLUMBIA ST**  
**HUDSON, NY 12534**

**EDR Hist Auto 1020148630**  
**N/A**

**Relative:**  
**Higher**

EDR Hist Auto

**Actual:**  
**58 ft.**

Year:	Name:	Type:
1970	KLINE FLOYD E	Auto And Home Supply Stores
1971	KLINE FLOYD E	Auto And Home Supply Stores
1972	KLINE FLOYD E	Auto And Home Supply Stores
1973	KLINE FLOYD E	Auto And Home Supply Stores

**C12**  
**North**  
 < 1/8  
 0.086 mi.  
 456 ft.

**HUDSON MAINT DOCK ST**  
**DOCK ST MAINTENANCE GARAGE**  
**HUDSON, NY**

**NY Spills S102115934**  
**N/A**

**Site 4 of 7 in cluster C**

**Relative:**  
**Lower**

**SPILLS:**

**Actual:**  
**8 ft.**

Name: HUDSON MAINT DOCK ST  
 Address: DOCK ST MAINTENANCE GARAGE  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9414072 / 1995-03-08  
 Facility ID: 9414072  
 Facility Type: ER  
 DER Facility ID: 83097  
 Site ID: 92538  
 DEC Region: 4  
 Spill Cause: Housekeeping  
 Spill Class: C3  
 SWIS: 1106  
 Spill Date: 1995-01-05  
 Investigator: WEBLAIN  
 Referred To: Not reported  
 Reported to Dept: 1995-01-05  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Citizen  
 Cleanup Ceased: 1995-01-26  
 Cleanup Meets Std: True  
 Last Inspection: 1995-01-26  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON MAINT DOCK ST (Continued)**

**S102115934**

Date Entered In Computer: 1995-03-08  
Spill Record Last Update: 2010-11-10  
Spiller Name: Not reported  
Spiller Company: CITY OF HUDSON GARAGE  
Spiller Address: DOCK ST MAINTENANCE GARAG  
Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was BLAIN 09/28/95: This is additional information about material spilled from the translation of the old spill file: DIESEL & GAS. PBS 4-027006; see 8705274, 8906469, 9810003 (Edocs). "  
Remarks: "LETTER RPTS PETRO SPILLS @ PUMPS, POSSIBLE PBS &/OR CODE VIOLATIONS. DOB PBS REVIEW FOUND SITE IN COMPLIANCE; BLAIN INSP FOUND MINOR STAIN, TO BE FIXED; SEE RPT; APPARENT NEIGHBOR DISPUTE."

All TTF:

Facility ID: 9414072  
Spill Number: 9414072  
Spill Tank Test: 1543560  
Site ID: 92538  
Tank Number: Not reported  
Tank Size: 0  
Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 92538  
Operable Unit ID: 1007663  
Operable Unit: 01  
Material ID: 372828  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

Site ID: 92538  
Operable Unit ID: 1007663  
Operable Unit: 01  
Material ID: 372827  
Material Code: 0008  
Material Name: diesel  
Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON MAINT DOCK ST (Continued)**

**S102115934**

Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

**C13**  
**North**  
**< 1/8**  
**0.086 mi.**  
**456 ft.**

**HUDSON DEPT PUBLIC WORKS**  
**DOCK ST**  
**HUDSON, NY**  
**Site 5 of 7 in cluster C**

**NY Spills S103574075**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**8 ft.**

**SPILLS:**  
Name: HUDSON DEPT PUBLIC WORKS  
Address: DOCK ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 9810003 / 2011-07-12  
Facility ID: 9810003  
Facility Type: ER  
DER Facility ID: 196016  
Site ID: 237998  
DEC Region: 4  
Spill Cause: Unknown  
Spill Class: B3  
SWIS: 1106  
Spill Date: 1998-11-09  
Investigator: KDKOERTZ  
Referred To: Not reported  
Reported to Dept: 1998-11-09  
CID: 257  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: 2011-05-24  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1998-11-09  
Spill Record Last Update: 2011-07-12  
Spiller Name: ROBERT PERRY  
Spiller Company: HUDSON DEPT PUBLIC WORKS  
Spiller Address: CITY HALL 520 WARREN STREET  
Spiller Company: 999  
Contact Name: ROBERT PERRY  
DEC Memo: "11/10/98 Blain onsite. 50 tons of contaminated soil stockpiled. Contractor unable to remove all contaminated soil. Unsure of next steps. Spoke briefly with Chas. Butterworth. 11/17 Called Precision, asking for next steps. 11/24 Soil samples from excavation very contaminated. Groundwater study required. Blain spoke to Brandee Nelson of Crawford Assoc. 12/01/98 about doing study. Edocs; 8705274, 8906469, 9414072 3/19/99 Crawford Assoc. (Brandee Nelson 828-2700 ext123) submitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON DEPT PUBLIC WORKS (Continued)**

**S103574075**

report, with plan for ORC application. Letter sent requiring upgraded monitoring, and additional testing. Fall 2003 nother letter sent. 5/06 STIP R4-381 sent. 4/99 Soil pile incorporated into a larger pile from the best oil site. The soil pile was closed out after getting sampling results. 2008 Crawford investigation. Still somewhat contaminated. ORC injection scheduled summer '99 5/3/99 ORC application proposal rec'd. ORC is an appropriate direction for remediation, but scope not quite intensive enough. 6/1/99 Blain, Kokocki, Yuchenevicz met w Brandee Nelson, Donna Verna of Crawford Assoc. 7/14 Letter sent from Crawford-- revised ORC plan. Approval letter returned 7/23. 7/12 Letter regarding soil pile treatment. OK 10/5/99 Left message w Brandee Nelson. Asked for update. 12/1/99 Called Brandee Nelson. She will forward Soil treatment results. Remediation going out to bid. 12/24/99 Soil data submitted. Insufficient. Letter response. 1/27/00 Response rec'd. Explained soil cell operation and maintenance. Doesn't meet stds. yet. 5/00 ORC injection done. Took GW samples. 8/00 report rec'd. 10/03 Review. Soil samples failed STARS, but meet TAGM. That part is closed. Letter sent req. well sampling. 2003 or so. No response. Asked Crawford, and Hudson DPW director. Case referral. Low priority-- gw quality is not much of an issue since the property is adjacent to the Hudson STP. 11/07 Referred for enforcment. 12/08 re-referred to Stipulation. 12/08 Blain telecon Robt. Perry, att'y for Hudson sent him copy of DEC files. 4/09 Got a report from Crawford updating the GW info. Reg. Spill Engr. asks for a remedial plan. Letter sent 4/09. 5/09 Got proposal O2 enhancer. Sent letter approving ORC injection, sampling. 10/09/09 - Received Groundwater Sampling Event 1. Results of the ORC injection are mixed. Report will be entered into e-doc. wtc 04/01/2010 - Semi-Annual Groundwater Sampling Event #2 received on 03/26/2010. Analytical results show contamination is degrading. Next sampling due should take place in September of 2010. wtc 10/28/10: Sent Andrew of Crawford and Associates an e-mail denying spill closure and requiring continued sampling of the MW's and surveying and creating a GW contour map. (KG) 5/23/10: Made site visit. Absolutely no third party receptors and Hudson River is 950 feet away. Will ask for contour maps for both low and high tide to verify groundwater flow direction. Plume has reached steady state. Will consider closure once maps have been recieved. This PBS facility (4-27006)needs an inspection. Some housekeeping issues near diesel tank fill which I instructed Superintendent Robert Perry to have cleaned up. (KG) 6/7/2010: Received the groundwater contour maps for both low and high tide. The tidal effects do not

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON DEPT PUBLIC WORKS (Continued)

S103574075

Remarks: change the gw flow direction significantly. Once I have received confirmation that the wells are abandoned, I will draft an No Further Action letter and close this spill. (KG) 712/2011: Received well closure report. Will close not meeting standards and issue a No Further Action letter. (KG)" "during tank removal caller found contaminated soil around the tanks the gas tank is under a building"

All TTF:

Facility ID: 9810003  
Spill Number: 9810003  
Spill Tank Test: 1546511  
Site ID: 237998  
Tank Number: Not reported  
Tank Size: 0  
Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 237998  
Operable Unit ID: 1070999  
Operable Unit: 01  
Material ID: 313890  
Material Code: 0008  
Material Name: diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

Site ID: 237998  
Operable Unit ID: 1070999  
Operable Unit: 01  
Material ID: 313891  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**C14**  
**North**  
**< 1/8**  
**0.086 mi.**  
**456 ft.**

**HUDSON CITY GARAGE**  
**DOCK ST**  
**HUDSON, NY**  
  
**Site 6 of 7 in cluster C**

**NY Spills**    **S110612317**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**8 ft.**

**SPILLS:**

Name: HUDSON CITY GARAGE  
Address: DOCK ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 8906469 / 1989-10-02  
Facility ID: 8906469  
Facility Type: ER  
DER Facility ID: 396898  
Site ID: 237995  
DEC Region: 4  
Spill Cause: Equipment Failure  
Spill Class: B3  
SWIS: 1106  
Spill Date: 1989-10-02  
Investigator: MCDONALD  
Referred To: Not reported  
Reported to Dept: 1989-10-02  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 1989-10-02  
Cleanup Meets Std: True  
Last Inspection: 1989-10-02  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 1989-10-04  
Spill Record Last Update: 2010-11-10  
Spiller Name: Not reported  
Spiller Company: CITY OF HUDSON  
Spiller Address: Not reported  
Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: "PBS 4-027006; see 8705274, 8906469, 9414072, 9810003 (Edocs)."  
Remarks: "MCDONALD ON SITE 0930 HRS WHEN SPILL DISCOVERED. EARLIER DISCOVERY OF TANK TAKING ON H2O. ABANDONED IN PLACE, TO INSTALL 3K AGT. CONTAMINATION MINOR, REMOVED BY CITY DPW."

**All Materials:**

Site ID: 237995  
Operable Unit ID: 931548  
Operable Unit: 01  
Material ID: 446882  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 50.00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**B15**  
**ENE**  
**< 1/8**  
**0.087 mi.**  
**458 ft.**

**CRAFTECH INDUSTRIES INC.**  
**DOCK ST.**  
**HUDSON, NY 12537**  
**Site 3 of 3 in cluster B**

**UST** **U001845955**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**21 ft.**

UST:  
Name: CRAFTECH INDUSTRIES INC.  
Address: DOCK ST.  
City,State,Zip: HUDSON, NY 12537  
Id/Status: 4-505978 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: 599475.87862  
UTM Y: 4679253.25247  
Site Type: Unknown

Affiliation Records:  
Site Id: 37325  
Affiliation Type: Facility Owner  
Company Name: CRAFTECH INDUSTRIES INC.  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: P.O. BOX 1021, DOCK ST.  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12537  
Country Code: 001  
Phone: (518) 828-2304  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37325  
Affiliation Type: Mail Contact  
Company Name: CRAFTECH INDUSTRIES INC.  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: P.O. BOX 1021, DOCK ST.  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12537  
Country Code: 001  
Phone: (518) 828-2304  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37325  
Affiliation Type: Facility Operator  
Company Name: CRAFTECH INDUSTRIES INC.  
Contact Type: Not reported  
Contact Name: CRAFTECH INDUSTRIES INC.  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRAFTECH INDUSTRIES INC. (Continued)**

**U001845955**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-2304  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37325  
Affiliation Type: Emergency Contact  
Company Name: CRAFTECH INDUSTRIES INC.  
Contact Type: Not reported  
Contact Name: CRAFTECH INDUSTRIES, INC.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-2304  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1  
Tank ID: 92658  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 10/01/1980  
Date Tank Closed: 05/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
D10 - Pipe Type - Copper

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CRAFTECH INDUSTRIES INC. (Continued)**

**U001845955**

G00 - Tank Secondary Containment - None  
 J02 - Dispenser - Suction Dispenser  
 A00 - Tank Internal Protection - None

Tank Number: 2  
 Tank ID: 92659  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 5000  
 Install Date: 08/01/1978  
 Date Tank Closed: 05/01/1991  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0001  
 Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
 Date Test: Not reported  
 Next Test Date: Not reported  
 Pipe Model: Not reported  
 Modified By: MJGRIFFI  
 Last Modified: 05/09/2022

Equipment Records:

D10 - Pipe Type - Copper  
 H00 - Tank Leak Detection - None  
 I00 - Overfill - None  
 B00 - Tank External Protection - None  
 C00 - Pipe Location - No Piping  
 F00 - Pipe External Protection - None  
 A00 - Tank Internal Protection - None  
 G00 - Tank Secondary Containment - None  
 J02 - Dispenser - Suction Dispenser

**C16**  
**NNW**  
**< 1/8**  
**0.098 mi.**  
**519 ft.**

**OLD HALPEN BLDG DOCK ST**  
**DOCK ST**  
**HUDSON, NY**

**Site 7 of 7 in cluster C**

**LTANKS S103037251**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**12 ft.**

**LTANKS:**  
 Name: OLD HALPEN BLDG DOCK ST  
 Address: DOCK ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 8808487 / 1989-03-22  
 Facility ID: 8808487  
 Site ID: 237994  
 Spill Date: 1989-01-25  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: B4  
 Cleanup Ceased: 1989-03-22  
 SWIS: 1106  
 Investigator: MCDONALD  
 Referred To: Not reported  
 Reported to Dept: 1989-01-25

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLD HALPEN BLDG DOCK ST (Continued)**

**S103037251**

CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: True  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1989-01-25  
Spill Record Last Update: 1998-02-27  
Spiller Name: Not reported  
Spiller Company: HUDSON DEVELOPMENT CORP.  
Spiller Address: Not reported  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 4  
DER Facility ID: 196016  
DEC Memo: ""  
Remarks: "3.5 H2O IN TANK, WHICH HAD PVC PIPE ATTACHED AS VENT. 4K UGT FAILED PETROTITE AT -.10 PGH. EOI EMPTIED TANK. NO CONTAMINATED SOIL PER CONTRACTOR. NO DEC INSPECTION."

**All TTF:**

Facility ID: 8808487  
Spill Number: 8808487  
Spill Tank Test: 1535114  
Site ID: 237994  
Tank Number: Not reported  
Tank Size: 0  
Material: 0001  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

**All Materials:**

Site ID: 237994  
Operable Unit ID: 924886  
Operable Unit: 01  
Material ID: 453245  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: L  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D17  
ENE  
< 1/8  
0.118 mi.  
624 ft.

**FOSTER REFRIGERATION**  
**119 N. SECOND STREET**  
**HUDSON, NY 12534**

**SEMS-ARCHIVE 1001814332**  
**NYSFN0204224**

Site 1 of 5 in cluster D

Relative:  
Lower  
Actual:  
15 ft.

SEMS Archive:  
Site ID: 0204224  
EPA ID: NYSFN0204224  
Name: FOSTER REFRIGERATION  
Address: 119 N. SECOND STREET  
Address 2: Not reported  
City,State,Zip: HUDSON, NY 12534  
Cong District: 22  
FIPS Code: 36021  
FF: N  
NPL: Not on the NPL  
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region: 02  
Site ID: 0204224  
EPA ID: NYSFN0204224  
Site Name: FOSTER REFRIGERATION  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 2003-08-18 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 02  
Site ID: 0204224  
EPA ID: NYSFN0204224  
Site Name: FOSTER REFRIGERATION  
NPL: N  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 1999-05-13 04:00:00  
Finish Date: 1999-09-28 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 02  
Site ID: 0204224  
EPA ID: NYSFN0204224  
Site Name: FOSTER REFRIGERATION  
NPL: N  
FF: N  
OU: 00  
Action Code: RV  
Action Name: RMVL  
SEQ: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FOSTER REFRIGERATION (Continued)**

**1001814332**

Start Date: 1999-10-15 04:00:00  
 Finish Date: 1999-12-17 05:00:00  
 Qual: C  
 Current Action Lead: EPA Perf

**D18  
 ENE  
 < 1/8  
 0.118 mi.  
 624 ft.**

**FOSTER REFRIGERATION N. 2ND ST  
 119 N. 2ND ST (@ DOCK ST)  
 HUDSON, NY**

**NY Spills S103036320  
 N/A**

**Site 2 of 5 in cluster D**

**Relative:  
 Lower  
 Actual:  
 15 ft.**

**SPILLS:**

Name: FOSTER REFRIGERATION N. 2ND ST  
 Address: 119 N. 2ND ST (@ DOCK ST)  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9713265 / 2000-07-06  
 Facility ID: 9713265  
 Facility Type: ER  
 DER Facility ID: 361233  
 Site ID: 329671  
 DEC Region: 4  
 Spill Cause: Housekeeping  
 Spill Class: B3  
 SWIS: 1106  
 Spill Date: 1998-02-23  
 Investigator: ANGEISEN  
 Referred To: Not reported  
 Reported to Dept: 1998-02-27  
 CID: 999  
 Water Affected: Not reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Local Agency  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: 1998-04-13  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1998-02-27  
 Spill Record Last Update: 2012-06-08  
 Spiller Name: Not reported  
 Spiller Company: FOSTER REFRIGERATION  
 Spiller Address: N. SECOND ST  
 Spiller Company: 001  
 Contact Name: Not reported  
 DEC Memo:

"Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
 GEISENDORFER SEE 9102309  
 (edoc); B00184 (C.O. project); (NO CBS OR PBS #?). SEE FOLDER (Edocs)  
 (9910906?, cylinder found  
 near site, unk source) THERE WAS A COLLECTION OF DRUMS, SOME WHICH  
 CONTAINED HAZARDOUS MATERIALS.  
 SINCE AFTER INVESTIGATION, NO SPILL WAS FOUND, FILE WAS CLOSED. MEMO  
 SENT TO STEVE WOOD AND CLIFF  
 VAN GUILDER. 2/99 Letter sent to Hudson City att'y Carl Whitbeck,  
 asking the status of property  
 ownership- supposedly the Town, or County owns it. There are  
 unregistered petroleum tanks there--

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FOSTER REFRIGERATION N. 2ND ST (Continued)**

**S103036320**

1-10k AGT and 2-1k UGT's. 4/27/99 ERIC HAMILTON ADVISES THAT JIM D'ALOIA (EPA) WILL LOOK AT IN NEXT 4 TO 5 WEEKS.NO VIABLE RP COULD BE FOUND BY DEC. Eric Hamilton group will follow up. 11/16/99  
 Blain- query to Hamilton asking for EPA's disposition on property.  
 SUMMARY--EPA performed a remediation at the site, removing all hazmat found. Extensive test pitting revealed no large scale impacts. Project closed Spring '00."  
 Remarks: "prospective property transfer, possible tanks brought to city's notice, attorney to dec dow + so to spills"

All Materials:

Site ID: 329671  
 Operable Unit ID: 1056162  
 Operable Unit: 01  
 Material ID: 324283  
 Material Code: 0033B  
 Material Name: dichloromethane  
 Case No.: 00075092  
 Material FA: Hazardous Material  
 Quantity: .00  
 Units: G  
 Recovered: .00  
 Resource Affected: Soil  
 Oxygenate: Not reported

**E19  
 NNW  
 < 1/8  
 0.123 mi.  
 647 ft.**

**CITY OF HUDSON WWTP  
 1 DOCK ST  
 HUDSON, NY 12534**

**CBS S110768292  
 N/A**

**Site 1 of 4 in cluster E**

**Relative:  
 Lower  
 Actual:  
 11 ft.**

CBS:  
 Name: CITY OF HUDSON WWTP  
 Address: 1 DOCK ST  
 City,State,Zip: HUDSON, NY 12534  
 CBS Number: 4-000329  
 Program Type: CBS  
 Facility Status: Active  
 Expiration Date: 03/31/2025  
 Dec Region: 4  
 UTMX: 599499.78098  
 UTM Y: 4679224.80972

**E20  
 NNW  
 < 1/8  
 0.123 mi.  
 650 ft.**

**CRAFT TECHNOLOGIES DOCK ST  
 DOCK ST  
 HUDSON, NY**

**NY Spills S109829475  
 N/A**

**Site 2 of 4 in cluster E**

**Relative:  
 Lower  
 Actual:  
 11 ft.**

SPILLS:  
 Name: CRAFT TECHNOLOGIES DOCK ST  
 Address: DOCK ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9102150 / 1991-06-12

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRAFT TECHNOLOGIES DOCK ST (Continued)**

**S109829475**

Facility ID: 9102150  
Facility Type: ER  
DER Facility ID: 196016  
Site ID: 237996  
DEC Region: 4  
Spill Cause: Equipment Failure  
Spill Class: B3  
SWIS: 1106  
Spill Date: 1991-05-23  
Investigator: O'BRIEN  
Referred To: Not reported  
Reported to Dept: 1991-05-23  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: 1991-06-07  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1991-05-23  
Spill Record Last Update: 2009-08-27  
Spiller Name: Not reported  
Spiller Company: CRAFT TECHNOLOGIES (CRAFTECH)  
Spiller Address: DOCK ST  
Spiller Company: 999  
Contact Name: Not reported  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was O'BRIEN/BLAIN PBS 4-505978"  
Remarks: "FOUND CONT. SOIL DURING TANK REMOVAL. 5/24,8:45-BLAIN ON SITE, 5-10 TRUCKLOADS SOIL TO CATSKILL."

All Materials:

Site ID: 237996  
Operable Unit ID: 953224  
Operable Unit: 01  
Material ID: 424672  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

21  
WSW  
< 1/8  
0.124 mi.  
656 ft.

**XTRA MART COLUMBIA ST @ WARREN (CITGO)  
COLUMBIA ST (718) @ WARREN ST  
HUDSON, NY**

**NY Spills S103482141  
N/A**

**Relative:  
Higher  
Actual:  
71 ft.**

**SPILLS:**

Name: XTRA MART COLUMBIA ST @ WARREN (CITGO)  
 Address: COLUMBIA ST (718) @ WARREN ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9416601 / 1999-09-01  
 Facility ID: 9416601  
 Facility Type: ER  
 DER Facility ID: 205704  
 Site ID: 250975  
 DEC Region: 4  
 Spill Cause: Equipment Failure  
 Spill Class: B3  
 SWIS: 1106  
 Spill Date: 1995-03-23  
 Investigator: KDKOERTZ  
 Referred To: Not reported  
 Reported to Dept: 1995-03-23  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Gasoline Station or other PBS Facility  
 Spill Notifier: Other  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: True  
 Remediation Phase: 0  
 Date Entered In Computer: 1995-04-12  
 Spill Record Last Update: 2017-04-26  
 Spiller Name: THOMAS MICHAEL  
 Spiller Company: MID VALLEY OIL XTRA MART (CITGO)  
 Spiller Address: PO BOX 4092  
 Spiller Company: 999  
 Contact Name: Not reported  
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was GOERTZ SEE FOLDER; 9808695, 9902474, 0109149, 0403803. PBS 4-054402 MD TO KDG 8/98. 9/1/99: CONTAMINATED SOIL WAS ENCOUNTERED DURING A WASTE OIL TANK REMOVAL. SOIL WAS EXCAVATED AND DISPOSED OF, BUT NO END POINT SAMPLING WAS DONE. AFTER THREATENING LEGAL ACTION, MID-VALLEY DRILLED A GEOPROBE THROUGH THE OLD TANK GRAVE COLLECTED A SOIL SAMPLE AND IT MET THE STARS CRITERION. NO FURTHER ACTION IS NEEDED. (KG) "  
 Remarks: "FOUND CONT. SOIL @ TANK PULL."  
 All Materials:  
 Site ID: 250975  
 Operable Unit ID: 1010333  
 Operable Unit: 01  
 Material ID: 556709  
 Material Code: 0022  
 Material Name: waste oil/used oil  
 Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**XTRA MART COLUMBIA ST @ WARREN (CITGO) (Continued)**

**S103482141**

Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

**D22**  
**ENE**  
**1/8-1/4**  
**0.134 mi.**  
**707 ft.**

**FOSTER REFRIGERATION**  
**85 MILL STREET**  
**HUDSON, NY 12534**  
**Site 3 of 5 in cluster D**

**AST A100470054**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

**AST:**  
Name: FOSTER REFRIGERATION  
Address: 85 MILL STREET  
City,State,Zip: HUDSON, NY 12534  
Region: STATE  
DEC Region: 4  
Site Status: Unregistered  
Facility Id: 4-601634  
Program Type: PBS  
UTM X: Not reported  
UTM Y: Not reported  
Expiration Date: N/A  
Site Type: Other

**Affiliation Records:**  
Site Id: 580993  
Affiliation Type: Facility Owner  
Company Name: CITY OF HUDSON  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 520 WARREN ST  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2019-01-03

Site Id: 580993  
Affiliation Type: Facility Operator  
Company Name: FOSTER REFRIGERATION  
Contact Type: Not reported  
Contact Name: CITY OF HUDSON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER REFRIGERATION (Continued)**

**A100470054**

EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2019-01-03

Tank Info:

Tank Number: 1  
Tank Id: 278699

Equipment Records:

D00 - Pipe Type - No Piping  
L00 - Piping Leak Detection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
K00 - Spill Prevention - None  
A00 - Tank Internal Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 10000  
Tightness Test Method: -  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022  
Material Name: #2 fuel oil (on-site consumption)

**D23**  
**ENE**  
**1/8-1/4**  
**0.134 mi.**  
**707 ft.**

**USEPA-FOSTER REFRIGERATION**  
**85 MILL ST**  
**HUDSON, NY 12534**  
**Site 4 of 5 in cluster D**

**MANIFEST 1009234844**  
**N/A**

**Relative:**  
**Lower**

NY MANIFEST:  
Name: USEPA-FOSTER REFRIGERATION  
Address: 85 MILL ST  
City,State,Zip: HUDSON, NY 12534  
Country: USA  
EPA ID: NYP000945899  
Facility Status: Not reported  
Location Address 1: 85 MILL ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: HUDSON  
Location State: NY

**Actual:**  
**9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEPA-FOSTER REFRIGERATION (Continued)**

**1009234844**

Location Zip: 12534  
Location Zip 4: Not reported  
NY MANIFEST:  
EPAID: NYP000945899  
Mailing Name: USEPA-FOSTER REFRIGERATION  
Mailing Contact: ARLENE ANDERSON  
Mailing Address 1: 2890 WOODBRIDGE AVE  
Mailing Address 2: Not reported  
Mailing City: EDISON  
Mailing State: NJ  
Mailing Zip: 08837  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 9089066904

**D24  
ENE  
1/8-1/4  
0.134 mi.  
707 ft.**

**FOSTER REFRIGERATION  
85 MILL STREET  
HUDSON, NY 12534**

**UST U004293513  
N/A**

**Site 5 of 5 in cluster D**

**Relative:  
Lower  
Actual:  
9 ft.**

UST:  
Name: FOSTER REFRIGERATION  
Address: 85 MILL STREET  
City,State,Zip: HUDSON, NY 12534  
Id/Status: 4-601634 / Unregistered  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: Not reported  
UTM Y: Not reported  
Site Type: Other

Affiliation Records:  
Site Id: 580993  
Affiliation Type: Facility Owner  
Company Name: CITY OF HUDSON  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 520 WARREN ST  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2019-01-03

Site Id: 580993  
Affiliation Type: Facility Operator  
Company Name: FOSTER REFRIGERATION  
Contact Type: Not reported  
Contact Name: CITY OF HUDSON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER REFRIGERATION (Continued)**

**U004293513**

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2019-01-03

Tank Info:

Tank Number: 2  
Tank ID: 278700  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: Not reported  
Date Tank Closed: 07/31/2018  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: -  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None  
G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
J02 - Dispenser - Suction Dispenser  
C02 - Pipe Location - Underground/On-ground  
K00 - Spill Prevention - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 3  
Tank ID: 278702  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 2000  
Install Date: Not reported  
Date Tank Closed: 07/31/2018  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOSTER REFRIGERATION (Continued)**

**U004293513**

Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
K00 - Spill Prevention - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 4  
Tank ID: 278704  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 2000  
Install Date: Not reported  
Date Tank Closed: 07/31/2018  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: -  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
C02 - Pipe Location - Underground/On-ground  
K00 - Spill Prevention - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

25  
West  
1/8-1/4  
0.134 mi.  
709 ft.

AJAX HUDSON TERMINAL INC  
68 WARREN ST  
HUDSON, NY 12534

MOSF S102636461  
MOSF AST N/A

Relative:  
Higher  
Actual:  
62 ft.

MOSF:  
Name: AJAX HUDSON TERMINAL INC  
Address: 68 WARREN ST  
City,State,Zip: HUDSON, NY 12534  
Facility ID: 4-1300  
Program Type: MOSF  
Tank Status: Inactive  
Expiration Date: Not reported  
Dec Region: 4  
UTMX: 599396.64440  
UTMY: 4678887.12120

MOSF AST:  
MOSF Number: 4-1300  
SWIS Code: 10  
Facility Town: HUDSON  
Facility Phone: (518) 828-9406  
Emergency Contact Name: Not reported  
Emergency Contact Phone: Not reported  
Total Tanks: 0  
Total Capacity: 0  
Daily Throughput: 12600  
License Status: 3  
Facility Type: STORAGE TERMINAL/PETROLEUM DISTRIBUTOR  
Product Transfer Operation: Not reported  
Facility Status: TEMPORARILY OUT-OF-SERVICE  
Operator Name: JOHN BARTHOLOMEW  
Owner Name: AJAX HUDSON TERMINAL INC  
Owner Address: 402 WARREN STREET  
Owner City,St,Zip: HUDSON, NY 12534-  
Owner Phone: (518) 828-9406  
Owner Type: Corporate/Commercial  
Owner Status: 1  
Owner Mark: First Owner  
Mailing Name: AJAX HUDSON TERMINAL INC  
Mailing Address: 402 WARREN STREET  
Mailing Address 2: Not reported  
Mailing City,St,Zip: HUDSON, NY 12534-  
Mailing Contact: JOHN BARTHOLOMEW  
Mailing Phone: (518) 828-4116  
Legal Agent Name: SNOW, BECKER, KROLL, KLARIS AND KRAUSS  
Legal Agent Address: 605 THIRD AVENUE  
Legal Agent City,St,Zip: NEW YORK, NY 10158-  
LIC Expires: / /

Tank ID: 010  
Tank Location: ABOVEGROUND  
Install Date: 08/33  
Product: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Pipe Type: Steel/Iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 179555  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 011  
Tank Location: ABOVEGROUND  
Install Date: 09/29  
Product: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/Iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 244918  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 012  
Tank Location: ABOVEGROUND  
Install Date: 09/29  
Product: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 244918  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 013  
Tank Location: ABOVEGROUND  
Install Date: 08/33  
Product: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: 07/86  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 179278  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 014  
Tank Location: ABOVEGROUND  
Install Date: 08/33  
Product: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/Iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 179405  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Date License Application Received: //  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 015  
Tank Location: ABOVEGROUND  
Install Date: 08/33  
Product: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 179378  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: //  
Inspector: Not reported  
Renew Date: //  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: //  
Date License Issued: //  
Date License Application Received: //  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 016  
Tank Location: ABOVEGROUND  
Install Date: 08/40  
Product: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: Product Level Gauge

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 456126  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 017  
Tank Location: ABOVEGROUND  
Install Date: 08/40  
Product: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/Iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 456414  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 018  
Tank Location: ABOVEGROUND  
Install Date: 09/48  
Product: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: Product Level Gauge  
Dispensing Mthd: Not reported  
Test Date: 03/85  
Date Closed: 06/89  
Status of Data: Not reported  
Capacity (gal): 672528  
Lat/Long: Not reported  
Federal ID: Not reported  
Inspected Date: / /  
Inspector: Not reported  
Renew Date: / /  
Inspected State: Not reported  
Pipe Flag: True  
Vessel ID: Not reported  
Reserve Flag: True  
Tank Status: 0  
COI Date: / /  
Date License Issued: / /  
Date License Application Received: / /  
Chemical Bulk Storage Number: Not reported  
Pollution Discharge Elimination System Num: Not reported  
Date Legal Agent Filed with Secretary of State: 06/86

Tank ID: 019  
Tank Location: ABOVEGROUND  
Install Date: 07/50  
Product: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Steel/iron  
Pipe Internal: Not reported  
Pipe External: Not reported  
Secondary Containment: Not reported  
Leak Detection: 03  
Overfill Protection: None  
Dispensing Mthd: Not reported  
Test Date: Not reported  
Date Closed: 06/89

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AJAX HUDSON TERMINAL INC (Continued)**

**S102636461**

Status of Data: Not reported  
 Capacity (gal): 993708  
 Lat/Long: Not reported  
 Federal ID: Not reported  
 Inspected Date: / /  
 Inspector: Not reported  
 Renew Date: / /  
 Inspected State: Not reported  
 Pipe Flag: True  
 Vessel ID: Not reported  
 Reserve Flag: True  
 Tank Status: 0  
 COI Date: / /  
 Date License Issued: / /  
 Date License Application Received: / /  
 Chemical Bulk Storage Number: Not reported  
 Pollution Discharge Elimination System Num: Not reported  
 Date Legal Agent Filed with Secretary of State: 06/86

[Click this hyperlink](#) while viewing on your computer to access additional NY\_AST\_MOS: detail in the EDR Site Report.

**E26**  
**NNW**  
**1/8-1/4**  
**0.143 mi.**  
**755 ft.**

**X-TYAL INTL CORP**  
**N FRONT & DOCK ST**  
**HUDSON, NY 12534**  
**Site 3 of 4 in cluster E**

**RCRA NonGen / NLR** **1000441098**  
**MANIFEST** **NYD066813676**

**Relative:**  
**Lower**  
**Actual:**  
**9 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20070101  
 Handler Name: X-Tyal Intl Corp  
 Handler Address: N FRONT & DOCK ST  
 Handler City,State,Zip: HUDSON, NY 12534  
 EPA ID: NYD066813676  
 Contact Name: Not reported  
 Contact Address: BOX 969  
 Contact City,State,Zip: HUDSON, NY 12534  
 Contact Telephone: Not reported  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 02  
 Land Type: Not reported  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Ny  
 State District: NYSDEC R4  
 Mailing Address: BOX 969  
 Mailing City,State,Zip: HUDSON, NY 12534  
 Owner Name: Ownername  
 Owner Type: Private  
 Operator Name: Ownername  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**X-TYAL INTL CORP (Continued)**

**1000441098**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	F002
Waste Description:	The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

**Handler - Owner Operator:**

Owner/Operator Indicator:	Operator
Owner/Operator Name: OWNERNAME	
Legal Status:	Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**X-TYAL INTL CORP (Continued)**

**1000441098**

Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999  
Owner/Operator Telephone: 212-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: OWNERNAME  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999  
Owner/Operator Telephone: 212-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: OWNERNAME  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999  
Owner/Operator Telephone: 212-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708  
Handler Name: X-TYAL INTL CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20060101  
Handler Name: X-TYAL INTL CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Ny  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**X-TYAL INTL CORP (Continued)**

**1000441098**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name:	X-TYAL INTL CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19831227
Handler Name:	X-TYAL INTL CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:  
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:  
Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**X-TYAL INTL CORP (Continued)**

**1000441098**

Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 19851126  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: NYDEC  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**NY MANIFEST:**

Name: X-TYAL INTERNATIONAL CORP  
Address: N FRONT & DOCK ST  
City,State,Zip: HUDSON, NY 12534  
Country: USA  
EPA ID: NYD066813676  
Facility Status: Not reported  
Location Address 1: NORTH FRONT & DOCK ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: HUDSON  
Location State: NY  
Location Zip: 12534  
Location Zip 4: Not reported

**NY MANIFEST:**

EPAID: NYD066813676  
Mailing Name: X-TYAL INTERNATIONAL CORP  
Mailing Contact: KENNETH B SIEBERT  
Mailing Address 1: PO DRAWER H  
Mailing Address 2: Not reported  
Mailing City: HUDSON  
Mailing State: NY  
Mailing Zip: 12534  
Mailing Zip 4: Not reported  
Mailing Country: USA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**X-TYAL INTL CORP (Continued)**

1000441098

Mailing Phone: 5188284188

**F27**  
**ESE**  
**1/8-1/4**  
**0.155 mi.**  
**819 ft.**

**COLUMBIA COUNTY OFFICE BLDG**  
**71 N THIRD ST**  
**HUDSON, NY 12534**

**UST** **U001845452**  
**N/A**

**Site 1 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**83 ft.**

UST:  
Name: COLUMBIA COUNTY OFFICE BLDG  
Address: 71 N THIRD ST  
City,State,Zip: HUDSON, NY 12534  
Id/Status: 4-163597 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: 599910.60247  
UTM Y: 4678787.06643  
Site Type: Other

Affiliation Records:  
Site Id: 36328  
Affiliation Type: Facility Owner  
Company Name: COLUMBIA COUNTY DPW  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 401 STATE ST  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-0871  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 36328  
Affiliation Type: Mail Contact  
Company Name: COLUMBIA COUNTY DPW  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 401 STATE ST  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-0871  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 36328

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA COUNTY OFFICE BLDG (Continued)**

**U001845452**

Affiliation Type: Facility Operator  
Company Name: COLUMBIA COUNTY OFFICE BLDG  
Contact Type: Not reported  
Contact Name: COUNTY OF COLUMBIA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-0871  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 36328  
Affiliation Type: Emergency Contact  
Company Name: COLUMBIA COUNTY DPW  
Contact Type: Not reported  
Contact Name: ANTHONY ORLICH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-0871  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1  
Tank ID: 89390  
Tank Status: Closed Prior to Micro Conversion, 03/91  
Material Name: Closed Prior to Micro Conversion, 03/91  
Capacity Gallons: 10000  
Install Date: Not reported  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA COUNTY OFFICE BLDG (Continued)**

**U001845452**

J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 1A  
Tank ID: 89391  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 10000  
Install Date: 12/01/1988  
Date Tank Closed: 09/01/1997  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode  
C02 - Pipe Location - Underground/On-ground  
J02 - Dispenser - Suction Dispenser  
D02 - Pipe Type - Galvanized Steel  
I04 - Overfill - Product Level Gauge (A/G)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
A00 - Tank Internal Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
H99 - Tank Leak Detection - Other

**F28**  
**ESE**  
**1/8-1/4**  
**0.155 mi.**  
**819 ft.**

**CHARLES WILLIAM SCHOOL 3RD @ ROBINSON**  
**71 N. 3RD ST @ ROBINSON ST**  
**HUDSON, NY**

**LTANKS S100132455**  
**N/A**

**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**83 ft.**

LTANKS:  
Name: CHARLES WILLIAM SCHOOL 3RD @ ROBINSON  
Address: 71 N. 3RD ST @ ROBINSON ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 8801197 / 1988-12-06  
Facility ID: 8801197  
Site ID: 166450  
Spill Date: 1988-05-07  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: B6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES WILLIAM SCHOOL 3RD @ ROBINSON (Continued)**

**S100132455**

Cleanup Ceased: 1988-12-06  
SWIS: 1106  
Investigator: MCDONALD  
Referred To: Not reported  
Reported to Dept: 1988-05-07  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: True  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1988-05-10  
Spill Record Last Update: 2010-08-24  
Spiller Name: Not reported  
Spiller Company: CHARLES WILLIAM SCHOOL  
Spiller Address: THIRD AND ROBIN STREETS  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: (518) 828-1114  
Spiller Extension: Not reported  
DEC Region: 4  
DER Facility ID: 140241  
DEC Memo: ""  
Remarks: "10K UGT FAILED AT 1.3 GPH. UPDATE 12/6/88 SPILLER COL. CO. DPW, 401 STATE ST., HUDSON. CITY STP WITH #4 OIL, TRACED BACK TO DPW 10KUGT CLEANED 3 WEEKS AGO RETESTED 9/1/88, PASSED."

All TTF:

Facility ID: 8801197  
Spill Number: 8801197  
Spill Tank Test: 1533855  
Site ID: 166450  
Tank Number: Not reported  
Tank Size: 0  
Material: 0002  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 166450  
Operable Unit ID: 916679  
Operable Unit: 01  
Material ID: 460346  
Material Code: 0002A  
Material Name: #4 fuel oil  
Case No.: Not reported  
Material FA: Petroleum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES WILLIAM SCHOOL 3RD @ ROBINSON (Continued)**

**S100132455**

Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

**E29  
NNW  
1/8-1/4  
0.163 mi.  
862 ft.**

**CITY OF HUDSON  
WASTEWATER TREATMENT PLANT  
HUDSON, NY 12534**

**CBS S103825965  
AST N/A  
CBS AST**

**Site 4 of 4 in cluster E**

**Relative:  
Lower  
Actual:  
9 ft.**

**CBS:**  
Name: CITY OF HUDSON  
Address: WASTEWATER TREATMENT PLANT  
City,State,Zip: HUDSON, NY 12534  
CBS Number: 4-000229  
Program Type: CBS  
Facility Status: Unregulated/Closed  
Expiration Date: Not reported  
Dec Region: 4  
UTMX: 599475.87862  
UTMY: 4679253.25247

**AST:**  
Name: CITY OF HUDSON  
Address: WASTEWATER TREATMENT PLANT  
City,State,Zip: HUDSON, NY 12534  
Region: STATE  
DEC Region: 4  
Site Status: Unregulated/Closed  
Facility Id: 4-000229  
Program Type: CBS  
UTM X: 599475.87862  
UTM Y: 4679253.25247  
Expiration Date: N/A  
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

**Tank Info:**

Tank Number: 001  
Tank Id: 193164  
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Tank Converted to Non-Regulated Use  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 375  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 10/01/2001  
Register: True  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022  
Material Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF HUDSON (Continued)**

**S103825965**

**CBS AST:**

CBS Number: 4-000229  
ICS Number: Not reported  
PBS Number: Not reported  
MOSF Number: Not reported  
SPDES Number: 0-022039  
Facility Status: IN SERVICE  
Facility Type: EF  
Telephone: (518) 828-1020  
Facility Town: HUDSON (C)  
Region: STATE  
Expiration Date: 01/29/2003  
Total Capacity of All Active Tanks(gal): 0  
Operator: PAUL LOSSI  
Emergency Contact: CHARLES E. BUTTERWORTH  
Emergency Phone: (518) 828-9458  
Owner Name: CITY OF HUDSON  
Owner Address: 520 WARREN STREET  
Owner City,St,Zip: HUDSON, NY 12534  
Owner Telephone: (518) 828-9458  
Owner Type: Corporate/Commercial  
Owner Sub Type: Not reported  
Mail Name: CITY OF HUDSON  
Mail Contact Addr: 520 WARREN STREET  
Mail Contact Addr2: Not reported  
Mail Contact Contact: CHARLES E. BUTTERWORTH  
Mail Contact City,St,Zip: HUDSON, NY 12534  
Mail Phone: (518) 828-9458

Tank Id: 001  
CAS Number: 7722647  
Federal ID: Not reported  
Tank Status: 0  
Install Date: 00/00  
Tank Closed: 10/01  
Capacity (Gal): 375  
Chemical: Potassium permanganate  
Tank Location: Indoors, Aboveground  
Tank Type: Steel/carbon steel  
Total Tanks: 0  
Tank Secret: False  
Tank Secondary Containment: None  
Tank Error Status: No Missing Data  
Date Entered: 01/27/1999  
Certified Date: 01/24/2001  
Substance: Single Hazardous Substance on DEC List  
Internal Protection: None  
External Protection: Painted/Asphalt Coating  
Pipe Location: Aboveground  
Pipe Type: Steel/Iron  
Pipe Internal: None  
Pipe External: Painted/Asphalt Coating  
Pipe Flag: Painted/Asphalt Coating  
Leak Detection: None  
Overfill Protection: None  
Haz Percent: 3  
Last Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF HUDSON (Continued)**

**S103825965**

Due Date: Not reported  
SWIS Code: 1006  
Lat/Long: 42|45|00 / 73|47|38  
Is Updated: False  
Renew Date: Not reported  
Is It There: False  
Delinquent: False  
Date Expired: Not reported  
Owner Mark: 1  
Certificate Needs to be Printed: 42|45|00 / 73|47|38  
Fiscal Amt for Registration Fee Correct: 42|45|00 / 73|47|38  
Renewal Has Been Printed for Facility: 42|45|00 / 73|47|38  
Pre-Printed Renewal App Last Printed: 42|45|00 / 73|47|38

**30**  
**WSW**  
**1/8-1/4**  
**0.177 mi.**  
**933 ft.**

**COLUMBIA COUNTY PLANNING & DEVELOPMENT**  
**44 UNION ST**  
**HUDSON, NY 12534**

**MANIFEST 1009231727**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**58 ft.**

NY MANIFEST:  
Name: COLUMBIA COUNTY PLANNING & DEVELOPMENT  
Address: 44 UNION ST  
City,State,Zip: HUDSON, NY 12534  
Country: USA  
EPA ID: NYP000784322  
Facility Status: Not reported  
Location Address 1: 44 UNION ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: HUDSON  
Location State: NY  
Location Zip: 12534  
Location Zip 4: 3114

NY MANIFEST:  
EPAID: NYP000784322  
Mailing Name: COLUMBIA COUNTY PLANNING & DEVELOPMENT  
Mailing Contact: ROBERT OTTY  
Mailing Address 1: 44 UNION ST  
Mailing Address 2: Not reported  
Mailing City: HUDSON  
Mailing State: NY  
Mailing Zip: 12534  
Mailing Zip 4: 3114  
Mailing Country: USA  
Mailing Phone: 5188283375

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>31</b> South 1/8-1/4 0.218 mi. 1150 ft.	<b>HUDSON COAL TAR SITE</b> <b>WATER STREET</b> <b>HUDSON, NY 12534</b>	<b>EDR MGP</b>	<b>1008407951</b> N/A
<b>Relative:</b> Higher	Manufactured Gas Plants: No additional information available		
<b>Actual:</b> 84 ft.			

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<b>G32</b> SSE 1/8-1/4 0.219 mi. 1157 ft.	<b>HUDSON SUPERMARKET</b> <b>310-312 WARREN STREET</b> <b>HUDSON, NY 12534</b>  Site 1 of 3 in cluster G	<b>UST</b>	<b>U003418697</b> N/A
<b>Relative:</b> Higher	UST:		
<b>Actual:</b> 82 ft.	Name: HUDSON SUPERMARKET Address: 310-312 WARREN STREET City,State,Zip: HUDSON, NY 12534 Id/Status: 4-600612 / Unregulated/Closed Program Type: PBS Region: STATE DEC Region: 4 Expiration Date: N/A UTM X: 599750.01716 UTM Y: 4678545.12079 Site Type: Other		
	Affiliation Records:		
	Site Id: 37945 Affiliation Type: Facility Owner Company Name: IKA OF NEW YORK, INC. Contact Type: Not reported Contact Name: Not reported Address1: PO BOX 489 Address2: Not reported City: KINDERHOOK State: NY Zip Code: 12106 Country Code: 001 Phone: Not reported EMail: Not reported Fax Number: Not reported Modified By: TRANSLAT Date Last Modified: 2004-03-04		
	Site Id: 37945 Affiliation Type: Mail Contact Company Name: CRAWFORD & ASSOCIATES Contact Type: Not reported Contact Name: BRANDEE NELSON Address1: 551 WARREN STREET Address2: Not reported City: HUDSON State: NY Zip Code: 12534 Country Code: 001 Phone: (518) 828-2700		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON SUPERMARKET (Continued)**

**U003418697**

EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37945  
Affiliation Type: Facility Operator  
Company Name: HUDSON SUPERMARKET  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 37945  
Affiliation Type: Emergency Contact  
Company Name: IKA OF NEW YORK, INC.  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

**Tank Info:**

Tank Number: 001  
Tank ID: 97704  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 2000  
Install Date: Not reported  
Date Tank Closed: 11/01/1998  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON SUPERMARKET (Continued)**

**U003418697**

Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- G00 - Tank Secondary Containment - None
- C03 - Pipe Location - Aboveground/Underground Combination
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None

**G33**  
**SSE**  
**1/8-1/4**  
**0.234 mi.**  
**1235 ft.**

**THC ENTERPRISES PROPERTIES**  
**318 - 324 WARREN STREET**  
**HUDSON, NY 12534**  
**Site 2 of 3 in cluster G**

**AST A100416542**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**82 ft.**

AST:  
Name: THC ENTERPRISES PROPERTIES  
Address: 318 - 324 WARREN STREET  
City,State,Zip: HUDSON, NY 12534  
Region: STATE  
DEC Region: 4  
Site Status: Unregulated/Closed  
Facility Id: 4-601549  
Program Type: PBS  
UTM X: 599799.29097  
UTM Y: 4678526.69921  
Expiration Date: N/A  
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 526410  
Affiliation Type: Facility Owner  
Company Name: THC ENTERPRISES INC  
Contact Type: VICE PRESIDENT  
Contact Name: ALBERT CICHETTI  
Address1: 541 WARREN STREET  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-7300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Site Id: 526410  
Affiliation Type: Mail Contact  
Company Name: HUDSON TOWN & COUNTRY REALTY LTD  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: 541 WARREN STREET  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**A100416542**

City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-7300  
EMail: BHERMAN@BHERMANLAW.COM  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Site Id: 526410  
Affiliation Type: Facility Operator  
Company Name: THC ENTERPRISES PROPERTIES  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-7300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Site Id: 526410  
Affiliation Type: Emergency Contact  
Company Name: THC ENTERPRISES INC  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 965-9057  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Tank Info:

Tank Number: 2  
Tank Id: 261618

Equipment Records:

F00 - Pipe External Protection - None  
C01 - Pipe Location - Aboveground  
D10 - Pipe Type - Copper  
J04 - Dispenser - On Site Heating System (Suction)  
L00 - Piping Leak Detection - None  
G00 - Tank Secondary Containment - None  
E00 - Piping Secondary Containment - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**A100416542**

H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
K00 - Spill Prevention - None  
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 04/07/2016  
Register: True  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022  
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 3  
Tank Id: 261619

Equipment Records:

C01 - Pipe Location - Aboveground  
D10 - Pipe Type - Copper  
G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
J04 - Dispenser - On Site Heating System (Suction)  
L00 - Piping Leak Detection - None  
K00 - Spill Prevention - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
E00 - Piping Secondary Containment - None  
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 03/30/2016  
Register: True  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022  
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 4  
Tank Id: 261620

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**A100416542**

Equipment Records:

E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
G00 - Tank Secondary Containment - None  
J04 - Dispenser - On Site Heating System (Suction)  
L00 - Piping Leak Detection - None  
F00 - Pipe External Protection - None  
C01 - Pipe Location - Aboveground  
D10 - Pipe Type - Copper  
I05 - Overfill - Vent Whistle  
A00 - Tank Internal Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service

Pipe Model: Not reported

Install Date: Not reported

Capacity Gallons: 275

Tightness Test Method: NN

Date Test: Not reported

Next Test Date: Not reported

Date Tank Closed: Not reported

Register: True

Modified By: MJGRIFFI

Last Modified: 05/09/2022

Material Name: #2 fuel oil (on-site consumption)

Tank Number: 5

Tank Id: 261621

Equipment Records:

F00 - Pipe External Protection - None  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
G12 - Tank Secondary Containment - Double-Walled (AG only)  
C01 - Pipe Location - Aboveground  
D10 - Pipe Type - Copper  
I04 - Overfill - Product Level Gauge (A/G)  
J04 - Dispenser - On Site Heating System (Suction)  
L00 - Piping Leak Detection - None  
B05 - Tank External Protection - Jacketed  
I05 - Overfill - Vent Whistle  
A00 - Tank Internal Protection - None  
K00 - Spill Prevention - None

E00 - Piping Secondary Containment - None  
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Plastic

Tank Status: In Service

Pipe Model: Not reported

Install Date: Not reported

Capacity Gallons: 275

Tightness Test Method: NN

Date Test: Not reported

Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**A100416542**

Date Tank Closed: Not reported  
Register: True  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022  
Material Name: #2 fuel oil (on-site consumption)

**G34  
SSE  
1/8-1/4  
0.234 mi.  
1235 ft.**

**THC ENTERPRISES PROPERTIES  
318 - 324 WARREN STREET  
HUDSON, NY 12534**

**UST U004251092  
N/A**

**Site 3 of 3 in cluster G**

**Relative:  
Higher**

UST:

**Actual:  
82 ft.**

Name: THC ENTERPRISES PROPERTIES  
Address: 318 - 324 WARREN STREET  
City,State,Zip: HUDSON, NY 12534  
Id/Status: 4-601549 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: 599799.29097  
UTM Y: 4678526.69921  
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 526410  
Affiliation Type: Facility Owner  
Company Name: THC ENTERPRISES INC  
Contact Type: VICE PRESIDENT  
Contact Name: ALBERT CICHETTI  
Address1: 541 WARREN STREET  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-7300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Site Id: 526410  
Affiliation Type: Mail Contact  
Company Name: HUDSON TOWN & COUNTRY REALTY LTD  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: 541 WARREN STREET  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-7300  
EMail: BHERMAN@BHERMANLAW.COM  
Fax Number: Not reported  
Modified By: DFPICKET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**U004251092**

Date Last Modified: 2016-05-03  
  
Site Id: 526410  
Affiliation Type: Facility Operator  
Company Name: THC ENTERPRISES PROPERTIES  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-7300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

Site Id: 526410  
Affiliation Type: Emergency Contact  
Company Name: THC ENTERPRISES INC  
Contact Type: Not reported  
Contact Name: BRIAN HERMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 965-9057  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DFPICKET  
Date Last Modified: 2016-05-03

**Tank Info:**

Tank Number: 1  
Tank ID: 261617  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 2000  
Install Date: Not reported  
Date Tank Closed: 03/24/2016  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

**Equipment Records:**

E00 - Piping Secondary Containment - None

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**THC ENTERPRISES PROPERTIES (Continued)**

**U004251092**

- G03 - Tank Secondary Containment - Vault (w/o access)
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- J04 - Dispenser - On Site Heating System (Suction)
- L00 - Piping Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- K00 - Spill Prevention - None
- C01 - Pipe Location - Aboveground
- D10 - Pipe Type - Copper

**35**  
**SSE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**GOLD'S SCRAP YARD**  
**329-347 COLUMBIA STREET**  
**HUDSON, NY 12534**

**VCP** **S104953845**  
**NY Spills** **N/A**

**Relative:**  
**Higher**

VCP:

**Actual:**  
**71 ft.**

Name: GOLD'S SCRAP YARD  
 Address: 329-347 COLUMBIA STREET  
 City,State,Zip: HUDSON, NY 12534-  
 Program Type: VCP  
 Site Code: 58477  
 HW Code: V00445  
 Site Class: N  
 SWIS: 1106  
 Region: 4  
 Town: Hudson (c)  
 Acres: Not reported  
 Date Record Added: 03/20/2001  
 Date Record Updated: 05/08/2002  
 Updated By: REEVANS  
 Site Description: "Site is a former scrap yard with heavy metal, volatile organic compounds and petroleum byproduct contamination. The owner intends to demolish the two buildings on the site in order to build an asphalt parking lot to serve the downtown Hudson business district. The contaminants found at the site include metals, VOCs and petroleum by-products. Volunteer will further investigate the remaining contaminants and undertake a remedial program as necessary under an agreed upon work plan. The applicant terminated their VCP and this site was managed under spill #0100079"  
 Env Problem: ""  
 Health Problem: ""  
 Dump: Not reported  
 Structure: Not reported  
 Lagoon: Not reported  
 Landfill: Not reported  
 Pond: Not reported  
 Disp Start: Not reported  
 Disp Term: Not reported  
 Lat/Long: Not reported  
 Dell: Not reported  
 Record Add: Not reported  
 Record Upd: Not reported  
 Updated By: Not reported  
 Own Op: 1  
 Sub Type: ZZZ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOLD'S SCRAP YARD (Continued)**

**S104953845**

Owner Name: Not reported  
Owner Company: THE CONNORS GROUP,INC  
Owner Address: 341 COLUMBIA STREET  
Owner Addr2: Not reported  
Owner City,St,Zip: HUDSON, NY 12534  
Owner Country: United States of America  
Own Op: 6  
Sub Type: 09  
Owner Name: KEVIN O'NEILL,EX DIR.  
Owner Company: HUDSON COMMUNITY DEV.& PLANNING AGEN  
Owner Address: C/O HOUSING RES.OF COL.CO.605 STATE  
Owner Addr2: Not reported  
Owner City,St,Zip: HUDSON, NY 12534  
Owner Country: United States of America  
HW Code: Not reported  
Waste Type: Not reported  
Waste Quantity: Not reported  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

**SPILLS:**

Name: GOLDS SCRAP YARD COLUMBIA ST  
Address: 329-347 COLUMBIA ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 0100079 / 2004-09-08  
Facility ID: 0100079  
Facility Type: ER  
DER Facility ID: 248311  
Site ID: 307469  
DEC Region: 4  
Spill Cause: Housekeeping  
Spill Class: B3  
SWIS: 1106  
Spill Date: 1988-08-23  
Investigator: KDGOERTZ  
Referred To: Not reported  
Reported to Dept: 2001-04-02  
CID: 999  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2001-04-03  
Spill Record Last Update: 2011-06-01  
Spiller Name: Not reported  
Spiller Company: CONNORS GROUP GOLDS SCRAP  
Spiller Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOLD'S SCRAP YARD (Continued)**

**S104953845**

Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: "Site to be acquired by City of Hudson. Brownfield project. Applicant withdrew from volunteer program and declined to enter brownfield. 2/05/2004 Crawford and Sons, on behalf of City of Hudson submits CAP dated 11/14/2003 proposing excavation and capping of metal and petroleum contamination. Following discussions with Crawford and RD, agree to proceed administratively as a spill remediation. Draft approval letter on 3/09 incorporating modified (expanded) closure sampling program. Note this CAP is the same that was developed when considering volunteer program."  
Remarks: "site report prepared by kaaterskill engineering associates for hudson community dev & plan agency references crawford & associates report prepared 09/23/88. metals and petroleum detected in geoprobe investigation"

All Materials:

Site ID: 307469  
Operable Unit ID: 837136  
Operable Unit: 01  
Material ID: 539355  
Material Code: 0064A  
Material Name: unknown material  
Case No.: Not reported  
Material FA: Other  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

Site ID: 307469  
Operable Unit ID: 837136  
Operable Unit: 01  
Material ID: 539354  
Material Code: 0066A  
Material Name: unknown petroleum  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**36**  
**SSE**  
**1/4-1/2**  
**0.312 mi.**  
**1646 ft.**

**KAYBREN REALTY**  
**347 WARREN STREET**  
**HUDSON, NY 12534**

**LTANKS** **U001845255**  
**UST** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**87 ft.**

**LTANKS:**

Name: KAYBREN REALTY WARREN ST  
 Address: 347 WARREN ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9415571 / 2001-06-21  
 Facility ID: 9415571  
 Site ID: 62125  
 Spill Date: 1995-03-01  
 Spill Cause: Tank Failure  
 Spill Source: Gasoline Station or other PBS Facility  
 Spill Class: B3  
 Cleanup Ceased: Not reported  
 SWIS: 1106  
 Investigator: WEBLAIN  
 Referred To: Not reported  
 Reported to Dept: 1995-03-01  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Other  
 Last Inspection: 1995-05-03  
 Recommended Penalty: False  
 Meets Standard: True  
 UST Involvement: True  
 Remediation Phase: 0  
 Date Entered In Computer: 1995-04-07  
 Spill Record Last Update: 2011-06-02  
 Spiller Name: JOE KENNEALLY  
 Spiller Company: KAYBREN REALTY OLD GAS ST  
 Spiller Address: 347 WARREN ST  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 4  
 DER Facility ID: 60265  
 DEC Memo: "Prior to Sept. 2004 data translation this spill Lead\_DEC Field was BLAIN OLD UNUSED TANKS REMOVED. CONTAMINATED SOILS BEING TREATED ONSITE. TANKS WERE LOCATED INSIDE AN OLD FOUNDATION OF SUFFICIENT QUALITY TO CONTAIN SPILLAGE. URBAN AREA WHICH LIMITS EXCAVATION. OCCUPIED BLDG. NEXT DOOR WAS MONITORED- NO READINGS, NO COMPLAINTS. CONCLUSION- REMEDIATION COMPLETE. SOILS MUST BE MANAGED. 11/14/95 WB Also known as something or other Glass Co. TANK CLOSURE REPORT SENT TO BULK STORAGE TO CLOSE OUT FILE. (PBS 4-133809) 1/97 LETTER SENT RE SOIL SAMPLES. PHONE RESP. ALB TANK SERVCE. WILL SAMPLE IN SPRING. WB 2/98 Second letter sent. PHONE REPLY-- WILL SAMPLE WHEN IT THAWS. 10/98 Called John Johnson, asked for status report. He had not been called on it, but will try to track it down. 10/98 Johnson reply: no sample taken, will try to get things going. 4/01 Blain telecon Kenneally-- left message. 4/11 -- He has engaged Dale Hitchcock, Albany Tank. 6/01 Sample results rec'd. ND for all constituents. closed no folder"

Remarks: "FOUND CONT. SOIL @ TANK PULL."

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAYBREN REALTY (Continued)**

**U001845255**

All Materials:

Site ID: 62125  
Operable Unit ID: 1009019  
Operable Unit: 01  
Material ID: 370754  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

UST:

Name: KAYBREN REALTY  
Address: 347 WARREN STREET  
City,State,Zip: HUDSON, NY 12534  
Id/Status: 4-133809 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: N/A  
UTM X: 599830.40773  
UTM Y: 4678450.19659  
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 35895  
Affiliation Type: Facility Owner  
Company Name: KAYBREN REALTY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 347 WARREN STREET  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534  
Country Code: 001  
Phone: (518) 828-9323  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 35895  
Affiliation Type: Mail Contact  
Company Name: KAYBREN REALTY  
Contact Type: Not reported  
Contact Name: JOSEPH KENNEALLY  
Address1: 347 WARREN STREET  
Address2: Not reported  
City: HUDSON  
State: NY  
Zip Code: 12534

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAYBREN REALTY (Continued)**

**U001845255**

Country Code: 001  
Phone: (518) 828-9323  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 35895  
Affiliation Type: Facility Operator  
Company Name: KAYBREN REALTY  
Contact Type: Not reported  
Contact Name: JOSEPH KENNEALLY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-9323  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Site Id: 35895  
Affiliation Type: Emergency Contact  
Company Name: KAYBREN REALTY  
Contact Type: Not reported  
Contact Name: JOSEPH KENNEALLY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 828-9323  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1  
Tank ID: 87933  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 3000  
Install Date: 07/01/1956  
Date Tank Closed: 03/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAYBREN REALTY (Continued)**

**U001845255**

Date Test: 08/01/1984  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None

Tank Number: 2  
Tank ID: 87934  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 3000  
Install Date: 07/01/1956  
Date Tank Closed: 03/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 08/01/1984  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None

Tank Number: 3  
Tank ID: 87935  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 07/01/1956  
Date Tank Closed: 03/01/1995  
Registered: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAYBREN REALTY (Continued)**

**U001845255**

Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 2722  
Common Name of Substance: Kerosene [#1 Fuel Oil] (Resale/Redistribute)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None

Tank Number: 4  
Tank ID: 87936  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 07/01/1956  
Date Tank Closed: 03/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MJGRIFFI  
Last Modified: 05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

H37  
SSE  
1/4-1/2  
0.322 mi.  
1699 ft.

**GRIFFIN SUPPLY WAREHOUSE**  
**359-361 COLUMBIA STREET**  
**HUDSON (C), NY 12534**

ERP S108524806  
N/A

Site 1 of 2 in cluster H

Relative:  
Higher  
Actual:  
83 ft.

ERP:

Name: GRIFFIN SUPPLY WAREHOUSE  
Address: 359-361 COLUMBIA STREET  
City,State,Zip: HUDSON (C), NY 12534-  
Site Code: 58195  
Program: ERP  
HW Code: B00172  
Site Class: C  
Class N: C  
SWIS: 1106  
Region: 4  
Town: Hudson (c)  
Acres: 0.370  
Record Added: 10/31/2003  
Record Updated: 01/04/2008  
Updated By: JAAVERSA  
Site Description:

"Griffin Supply Warehouse site is located at 359-361 Columbia Street in the City of Hudson, Columbia County. The warehouse is a 3 story 15,800 sq. ft brick warehouse located on a 0.37 acre lot in an area of the City of Hudson zoned for general commercial uses. Site is map 109.52, Block 2, Lot 19. A three-story 32,000 sq. ft. structure exists on-site, built in the mid 1800's. Building and site was suspected to contain numerous hazardous substances including 1,1,1-Trichloroethane (TCE), an UST, asbestos, and lead based paint. The site was formerly used by a lumberyard, automobile garage, clothes manufacturer, for storage, and for illegal TCE storage and distillation. (X-Tyal International Corp. occupied the site and the adjacent site to the west - - 357 Columbia St. - - in the 1980's and was storing/distilling TCE.) An explosion occurred in 1983 at the adjacent site's building. At the time of the explosion, 375 barrels of TCE were discovered on the two properties. In 1997, the City of Hudson took title to the building. It used a small portion of the structure for storage; the building and site were otherwise vacant. In 2002, a site investigation and a tank removal IRM were conducted under the Environmental Restoration Program, and a no further action Record of Decision was signed. "

Env Problem:

"A Site Investigation to determine the nature and extent of any contamination by hazardous substances was completed in July 2002. Semi-volatile organic compounds (SVOCs) and five metals exceeded SCGs in the subsurface soil. The SVOCs that exceeded SCGs in the subsurface soil were chrysene, benzo(b)fluoranthene, and benzo(a)pyrene. The metals detected in soil above guidance values were arsenic, barium, magnesium, mercury and nickel. Surface soils were sampled for SVOCs, PCBs, pesticides and two metals of concern, lead and mercury. None of the nine (9) surface soil samples collected indicated contaminants at concentrations above guidance values. A groundwater sample collected from monitoring well MW-2 did not indicate the presence of any VOCs above standards other than acetone at 120 ppb and chloroform at 14 ppb. These low concentrations of acetone and chloroform were assumed to be laboratory analysis artifacts. The only metal detected in groundwater above standard was sodium at 51,800 ppb, exceeding the groundwater standard of 20,000 ppb. No SVOCs, pesticides, or PCBs were detected above standards in

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRIFFIN SUPPLY WAREHOUSE (Continued)**

**S108524806**

the groundwater. During the site investigation, tracing the copper feed and return lines from the south wall of the building revealed a 1,000 gallon underground storage tank (UST). Once located, the UST was excavated, inspected, and properly disposed off site. Using a backhoe, contaminated soils adjacent to the UST were then excavated. Soil samples were collected during the excavation and screened with a PID. Approximately 60 tons of petroleum contaminated soils were excavated, transported, and disposed of at the EMSI burn facility in Fort Edward, N.Y. Composite soil samples were then collected from each of the excavation pit walls and floor and submitted for laboratory analysis. None of these five composite samples indicated contaminants at concentrations above guidance values. The excavation area was backfilled with clean soil. Based on the results of the Site Investigation and the IRM that has been performed, it was determined that no further Action was necessary."

Health Problem: "Removal actions completed at the site have eliminated any future potential exposures."

**I38  
 SE  
 1/4-1/2  
 0.337 mi.  
 1779 ft.**

**J L EDWARDS SCHOOL STATE ST  
 360 STATE ST J L EDWARDS  
 HUDSON, NY**

**LTANKS S100134763  
 N/A**

**Site 1 of 3 in cluster I**

**Relative:  
 Higher  
 Actual:  
 102 ft.**

**LTANKS:**  
 Name: J L EDWARDS SCHOOL STATE ST  
 Address: 360 STATE ST J L EDWARDS  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 8705043 / 1987-09-29  
 Facility ID: 8705043  
 Site ID: 62816  
 Spill Date: 1987-09-16  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: B6  
 Cleanup Ceased: 1987-09-29  
 SWIS: 1106  
 Investigator: MCDONALD  
 Referred To: Not reported  
 Reported to Dept: 1987-09-16  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 Meets Standard: True  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1987-09-18  
 Spill Record Last Update: 2010-08-24  
 Spiller Name: Not reported  
 Spiller Company: HUDSON CITY SCHOOL  
 Spiller Address: Not reported  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 4

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J L EDWARDS SCHOOL STATE ST (Continued)**

**S100134763**

DER Facility ID: 60836  
 DEC Memo: ""  
 Remarks: "UGT FAILED @ -.08939 GPH. WILL ISOLATE AND RETEST"

All TTF:

Facility ID: 8705043  
 Spill Number: 8705043  
 Spill Tank Test: 1531643  
 Site ID: 62816  
 Tank Number: Not reported  
 Tank Size: 0  
 Material: 0002  
 EPA UST: Not reported  
 UST: Not reported  
 Cause: Not reported  
 Source: Not reported  
 Test Method: 00  
 Test Method 2: Unknown  
 Leak Rate: .00  
 Gross Fail: Not reported  
 Modified By: Spills  
 Last Modified Date: Not reported

All Materials:

Site ID: 62816  
 Operable Unit ID: 908887  
 Operable Unit: 01  
 Material ID: 570991  
 Material Code: 0002A  
 Material Name: #4 fuel oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: .00  
 Units: G  
 Recovered: .00  
 Resource Affected: Groundwater  
 Oxygenate: Not reported

**I39  
 SE  
 1/4-1/2  
 0.347 mi.  
 1830 ft.**

**COLUMBIA CO DPW RT 23B  
 178 RT 23B  
 GREENPORT HUDSON ZIP, NY  
 Site 2 of 3 in cluster I**

**LTANKS S112231340  
 N/A**

**Relative:  
 Higher**

LTANKS:  
 Name: COLUMBIA CO DPW RT 23B  
 Address: 178 RT 23B  
 City,State,Zip: GREENPORT HUDSON ZIP, NY  
 Spill Number/Closed Date: 9305487 / 1993-10-25  
 Facility ID: 9305487  
 Site ID: 178452  
 Spill Date: 1993-08-03  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: B6  
 Cleanup Ceased: 1993-09-03  
 SWIS: 1140

**Actual:  
 102 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA CO DPW RT 23B (Continued)**

**S112231340**

Investigator: WXOBRIEN  
Referred To: Not reported  
Reported to Dept: 1993-08-03  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: True  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 1993-08-10  
Spill Record Last Update: 2015-05-21  
Spiller Name: Not reported  
Spiller Company: COLUMBIA CO DPW  
Spiller Address: Not reported  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
DEC Region: 4  
DER Facility ID: 462872  
DEC Memo: "8710347, 9012643, 9503643, 9902346, 9908444, 0306220. PBS 4-442356"  
Remarks: "3K UGT FAILED PETROTITE @ -1.388GPH, EIR. 8/4, 13:20-4K DIES SYS TEST  
- -.807GPH PER BOB GROCK, EIR. SEE RPT, PASSING RESULTS RECD &  
ACCEPTED."

All TTF:

Facility ID: 9305487  
Spill Number: 9305487  
Spill Tank Test: 1541839  
Site ID: 178452  
Tank Number: Not reported  
Tank Size: 0  
Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 178452  
Operable Unit ID: 986994  
Operable Unit: 01  
Material ID: 395404  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA CO DPW RT 23B (Continued)**

**S112231340**

Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

**I40  
SE  
1/4-1/2  
0.353 mi.  
1866 ft.**

**COLUMBIA CO OFFICE BLDG STATE ST  
401 STATE ST  
HUDSON, NY**

**LTANKS S103939366  
NY Spills N/A**

**Site 3 of 3 in cluster I**

**Relative:  
Higher  
Actual:  
102 ft.**

**LTANKS:**  
Name: COLUMBIA CO DPW STATE ST  
Address: 401 STATE ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 8800944 / 1993-04-09  
Facility ID: 8800944  
Site ID: 250724  
Spill Date: 1988-04-29  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: B4  
Cleanup Ceased: 1993-04-09  
SWIS: 1106  
Investigator: MCDONALD  
Referred To: Not reported  
Reported to Dept: 1988-04-29  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: True  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1988-05-02  
Spill Record Last Update: 2011-06-02  
Spiller Name: Not reported  
Spiller Company: COLUMBIA PUBLIC WORKS DPW  
Spiller Address: Not reported  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 4  
DER Facility ID: 205533  
DEC Memo: ""  
Remarks: "WILL EXCAVATE, REPAIR, RETEST."

**All TTF:**  
Facility ID: 8800944  
Spill Number: 8800944  
Spill Tank Test: 1533795  
Site ID: 250724  
Tank Number: Not reported  
Tank Size: 0  
Material: 0002  
EPA UST: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA CO OFFICE BLDG STATE ST (Continued)**

**S103939366**

UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 250724  
Operable Unit ID: 916419  
Operable Unit: 01  
Material ID: 460108  
Material Code: 0002A  
Material Name: #4 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Groundwater  
Oxygenate: Not reported

SPILLS:

Name: COLUMBIA CO OFFICE BLDG STATE ST  
Address: 401 STATE ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 0010001 / 2000-12-05  
Facility ID: 0010001  
Facility Type: ER  
DER Facility ID: 404517  
Site ID: 250723  
DEC Region: 4  
Spill Cause: Human Error  
Spill Class: C4  
SWIS: 1106  
Spill Date: 2000-12-05  
Investigator: WEBLAIN  
Referred To: Not reported  
Reported to Dept: 2000-12-05  
CID: 257  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2000-12-05  
Spill Record Last Update: 2011-06-02  
Spiller Name: SHIRLEY FINGER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA CO OFFICE BLDG STATE ST (Continued)**

**S103939366**

Spiller Company: COLUMBIA CO OFFICE BLDG  
Spiller Address: 401 STATE ST [DPW?]  
Spiller Company: 001  
Contact Name: SHIRLEY FINGER  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was BLAIN 8800944; PBS 4-163600 10:20 - WEB TELECON W/BUDDY, 275 AGT, 3 MEN USING SPEEDIDRY, CLEANING CEMENT FLOOR, BUNG WAS CROSS-THREADED & BLEW OUT, DIDN'T REACH FLOOR DRAIN, CLEANUP ALMOST COMPLETE, ADVISED CITRIKLEEN; SPOKE W/TARA HETTESCHEIMER (CCHD) WHO WILL INSPECT; TARA RPTs <5gal SPILLED & SUCCESSFULLY CLEANED.  
"

Remarks: "caller filled the tank and someone had taken the plug out of the top of the tank"

All Materials:  
Site ID: 250723  
Operable Unit ID: 830974  
Operable Unit: 01  
Material ID: 543927  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20.00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

**H41  
SSE  
1/4-1/2  
0.360 mi.  
1903 ft.**

**HUDSON SCHOOL BUS GARAGE COLUMBIA ST  
407 COLUMBIA ST  
HUDSON, NY  
Site 2 of 2 in cluster H**

**LTANKS S100491554  
N/A**

**Relative:  
Higher  
Actual:  
87 ft.**

LTANKS:  
Name: HUDSON SCHOOL BUS GARAGE COLUMBIA ST  
Address: 407 COLUMBIA ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 9205832 / 1992-10-15  
Facility ID: 9205832  
Site ID: 72736  
Spill Date: 1992-08-20  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: B3  
Cleanup Ceased: 1992-10-15  
SWIS: 1106  
Investigator: WEBLAIN  
Referred To: Not reported  
Reported to Dept: 1992-08-10  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: 1992-10-15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON SCHOOL BUS GARAGE COLUMBIA ST (Continued)**

**S100491554**

Recommended Penalty: False  
Meets Standard: True  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 1992-09-01  
Spill Record Last Update: 2017-05-17  
Spiller Name: Not reported  
Spiller Company: HUDSON CITY SCHOOLS  
Spiller Address: Not reported  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
DEC Region: 4  
DER Facility ID: 68587  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was BLAIN See PBS 4-087505 for details (Edocs); 9206407 (Edocs), 0503031 (Edocs). (other Hudson School rpts: 8705043, 8801197, 8807488, 9205655, 9607927) 5/17/17 - FOIL W020936-041917, EDOCS via WebQA w/0200562"  
Remarks: "UGT FAILED HORNER @ -.2462GPH, TO PUMP OUT TANK. FENLY & NICOL REMOVED TANK. EXTENSIVE CONTAMINATION. EXCAVATION WAS EFFECTIVE IN REMOVING THE CONTAMINATED SOILS. SOIL DISPOSED OF."

All TTF:

Facility ID: 9205832  
Spill Number: 9205832  
Spill Tank Test: 1540421  
Site ID: 72736  
Tank Number: Not reported  
Tank Size: 0  
Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 72736  
Operable Unit ID: 973159  
Operable Unit: 01  
Material ID: 410024  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**42**  
**SSE**  
**1/4-1/2**  
**0.425 mi.**  
**2243 ft.**

**NYNEX UNION ST**  
**420 UNION ST**  
**HUDSON, NY**

**LTANKS** **S101340545**  
**NY Spills** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**97 ft.**

**LTANKS:**

Name: NYNEX UNION ST  
 Address: 420 UNION ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9210382 / 1993-04-06  
 Facility ID: 9210382  
 Site ID: 149876  
 Spill Date: 1992-12-08  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: B3  
 Cleanup Ceased: 1993-04-06  
 SWIS: 1106  
 Investigator: WEBLAIN  
 Referred To: Not reported  
 Reported to Dept: 1992-12-08  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 Meets Standard: True  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1992-12-09  
 Spill Record Last Update: 2000-01-21  
 Spiller Name: Not reported  
 Spiller Company: NYNEX NY TEL VERIZON  
 Spiller Address: 158 STATE ST.  
 Spiller County: 999  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 4  
 DER Facility ID: 127459  
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was BLAIN/O'BRIEN 9409122 "  
 Remarks: "3K UGT FAILED PETROTITE @ -.656GPH, EIR.TANK ABANDONED. 4/6/93-TANK CLOSURE REPT RECD. MINOR CONTAMINATION. CLOSE."

**All TTF:**

Facility ID: 9210382  
 Spill Number: 9210382  
 Spill Tank Test: 1540934  
 Site ID: 149876  
 Tank Number: Not reported  
 Tank Size: 0  
 Material: 0001  
 EPA UST: Not reported  
 UST: Not reported  
 Cause: Not reported  
 Source: Not reported  
 Test Method: 00  
 Test Method 2: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX UNION ST (Continued)**

**S101340545**

Leak Rate: -.66  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 149876  
Operable Unit ID: 974648  
Operable Unit: 01  
Material ID: 403846  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

SPILLS:

Name: NYNEX UNION ST  
Address: 420 UNION ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 9409122 / 1994-10-21  
Facility ID: 9409122  
Facility Type: ER  
DER Facility ID: 127459  
Site ID: 149877  
DEC Region: 4  
Spill Cause: Equipment Failure  
Spill Class: C4  
SWIS: 1106  
Spill Date: 1994-10-08  
Investigator: WEBLAIN  
Referred To: Not reported  
Reported to Dept: 1994-10-08  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: 1994-10-08  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1994-10-21  
Spill Record Last Update: 2010-10-26  
Spiller Name: Not reported  
Spiller Company: NYNEX VERIZON  
Spiller Address: 420 UNION ST  
Spiller Company: 999  
Contact Name: Not reported  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYNEX UNION ST (Continued)**

**S101340545**

Remarks: BLAIN/DOB 9210382"  
 "1K AGT BUSHING DRIP, EPS TO FIX, REMOVE CONT. SOIL, SM QUAN."

All TTF:

Facility ID: 9409122  
 Spill Number: 9409122  
 Spill Tank Test: 1543229  
 Site ID: 149877  
 Tank Number: 0  
 Tank Size: 0  
 Material: 0001  
 EPA UST: Not reported  
 UST: Not reported  
 Cause: Not reported  
 Source: Not reported  
 Test Method: 00  
 Test Method 2: Unknown  
 Leak Rate: .00  
 Gross Fail: Not reported  
 Modified By: Spills  
 Last Modified Date: Not reported

All Materials:

Site ID: 149877  
 Operable Unit ID: 1003112  
 Operable Unit: 01  
 Material ID: 378551  
 Material Code: 0001A  
 Material Name: #2 fuel oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: .00  
 Units: G  
 Recovered: .00  
 Resource Affected: Soil  
 Oxygenate: Not reported

**43**  
**South**  
**1/4-1/2**  
**0.461 mi.**  
**2436 ft.**

**HUDSON CORRECTIONAL - ADMIN TRANSFORMER PAD**  
**50 EAST COURT ST**  
**HUDSON, NY**

**LTANKS** **S100492796**  
**NY Spills** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**85 ft.**

LTANKS:

Name: HUDSON CORR FAC E COURT ST NYS DOCS APPLETREE RES  
 Address: 50 E. COURT ST  
 City,State,Zip: HUDSON, NY  
 Spill Number/Closed Date: 9300407 / 1993-06-24  
 Facility ID: 9300407  
 Site ID: 94708  
 Spill Date: 1993-04-08  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: B3  
 Cleanup Ceased: 1993-06-15  
 SWIS: 1106  
 Investigator: WEBLAIN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON CORRECTIONAL - ADMIN TRANSFORMER PAD (Continued)**

**S100492796**

Referred To: Not reported  
Reported to Dept: 1993-04-08  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: True  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1993-04-13  
Spill Record Last Update: 2015-06-09  
Spiller Name: HUDSON CORR FACILITY  
Spiller Company: NYS DOCS CORRECTIONS OGS  
Spiller Address: E. COURT ST APPLETREE RES  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
DEC Region: 4  
DER Facility ID: 84780  
DEC Memo: "Prior to Sept. 2004 data translation this spill Lead\_DEC Field was BLAIN/O'BRIEN See Edocs; PBS 4-009016; 9207787, 9300407, 9416472, 9902596, 1301846."  
Remarks: "1K UGT FAILED PETROTITE @ -.086GPH, EIR. SEE RPT FOR DETAILS, TANK OUT, CLOSURE RPT RECD."

All TTF:

Facility ID: 9300407  
Spill Number: 9300407  
Spill Tank Test: 1541389  
Site ID: 94708  
Tank Number: Not reported  
Tank Size: 0  
Material: 0001  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 94708  
Operable Unit ID: 979086  
Operable Unit: 01  
Material ID: 401166  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HUDSON CORRECTIONAL - ADMIN TRANSFORMER PAD (Continued)

S100492796

Recovered: .00  
Resource Affected: Soil  
Oxygenate: Not reported

SPILLS:

Name: HUDSON CORRECTIONAL - ADMIN TRANSFORMER PAD  
Address: 50 EAST COURT ST  
City,State,Zip: HUDSON, NY  
Spill Number/Closed Date: 2010296 / 2021-06-03  
Facility ID: 2010296  
Facility Type: ER  
DER Facility ID: 565104  
Site ID: 617336  
DEC Region: 4  
Spill Cause: Equipment Failure  
Spill Class: C4  
SWIS: 1106  
Spill Date: 2021-03-22  
Investigator: DJWEHN  
Referred To: Not reported  
Reported to Dept: 2021-03-22  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Transformer  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2021-03-22  
Spill Record Last Update: 2021-06-03  
Spiller Name: NICK COZZOLINO - MAINTENANCE SUPVR  
Spiller Company: HUDSON CORRECTIONAL FACILITY  
Spiller Address: 50 EAST COURT ST  
Spiller Company: 999  
Contact Name: NICK COZZOLINO - MAINTENANCE SUPVR  
DEC Memo: "06/03/2021 - From Eric Greppo email - On 3-22-21 at approximately 15:00 hours a wet mark on transformer pad at base of transformer was noticed. Upon further investigation there appeared to be a pinhole leak on transformer. Speedy dry was applied to stained area to contain any oil. DEC was notified and NYS DEC Spill Reference # 2010296 was assigned. O Connell Electric was called in to trouble shoot leak. O Connell Electric arrived on site at approximately 21:00 hours. They were able to wipe down exterior of transformer and apply an epoxy to fix leak. While on site they also looked inside transformer vault to check oil level which was found to be perfect, but did find a small amount of oil on transformer concrete pad. This was cleaned prior to closing door and reenergizing transformer. O Connell Electric returned on 4-26-21 to perform facilities Triannual Switchgear PM.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUDSON CORRECTIONAL - ADMIN TRANSFORMER PAD (Continued)**

**S100492796**

Remarks: While on site it was found that one of the fuses inside of hi voltage portion of transformer was leaking. Repairs were made, interior of cabinet was cleaned as well as concrete pad. Over the next few days a small amount of residual oil continued to leach out from under cabinet due to shape of the bottom of hi voltage/transformer cabinet. . Speedy dry was applied swept up and disposed of. Although concrete pad is stained where oil had been, issue has been corrected, and at no time did oil migrate from the concrete pad. Further monitoring showed no additional leaking oil. Facility would like to close out DEC Spill Reference # 2010296. Closed - DJW" "Transformer leaked onto concrete pad. O'Connell Electric responding to assess the situation. Cleanup is pending."

All Materials:

Site ID: 617336  
Operable Unit ID: 1364470  
Operable Unit: 01  
Material ID: 2376903  
Material Code: 0020A  
Material Name: transformer oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .01  
Units: G  
Recovered: Not reported  
Resource Affected: Soil  
Oxygenate: Not reported

44  
West  
1/2-1  
0.926 mi.  
4889 ft.

**ATHENS BOAT YARD**  
**35 SOUTH WASHINGTON STREET**  
**ATHENS, NY 12015**

**SHWS S113916772**  
**N/A**

Relative:  
Lower  
Actual:  
15 ft.

SHWS:

Name: ATHENS BOAT YARD  
Address: 35 SOUTH WASHINGTON STREET  
City,State,Zip: ATHENS, NY 12015  
Program: HW  
Site Code: 441531  
Classification: N  
Region: 4  
Acres: 3.400  
HW Code: 420028  
Record Add: 11/01/2010  
Record Upd: 10/26/2011  
Updated By: SRHEIGEL  
Site Description: "LOCATION:The Athens Boatyard is located at the southern edge of the village of Athens. The site is located between South Washington Street and the Hudson River. Fourth Street lies to the north of the site, with the Hudson River and undeveloped land to the south and east. The site is approximately 3.4 acres. SITE FEATURES: Two large main buildings are located on the site. The primary building is a concrete block structure, approximately 220 x 190 feet, that contains

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATHENS BOAT YARD (Continued)**

**S113916772**

manufacturing and warehouse space and a small office. The second building is slab-on-grade steel building, approximately 150 x100 feet, primarily used as storage. The buildings are connected by an enclosed loading dock. There is an 10,000 gallon above-ground fuel-oil tank adjacent to the primary building. The parking areas on site are crushed stone. CURRENT ZONING: The site is zoned industrial. HISTORICAL USES: The site was purchased in 2002 by the current owners. Past operations have included an icehouse, boat builders and aircraft engineering industries. Historical documents show a marine railway and dry-dock area on the southern part of the property. Shortly after purchasing the property, the owners removed a 1000 gallon underground gasoline tank, as well as contaminated soil and groundwater identified during the removal. SITE GEOLOGY AND HYDROLOGY: Groundwater at the site is shallow, generally between 2 and 4 feet below ground surface. There appears to be tidal influence from the adjacent Hudson River. Groundwater generally flows toward the river. Soil borings indicate primarily clay, with sand and silt near the surface and gravel and fines within the clay layer at deeper depths."

Env Problem: "NATURE AND EXTENT OF CONTAMINATION: Based on results of sampling conducted during tank removal, lead was identified as a contaminant at this site. Limited investigations were conducted by private parties in 2002, 2006 and 2009-10. Those investigations noted lead levels in soil exceeding the industrial soil clean-up objective of 3900 ppm, generally in the area between the two primary buildings. Trace amounts of volatile organic chemicals (VOCs) were also identified in soil. The state funded site characterization, performed in 2011, confirmed past investigation results. Three test trenches, 23 soil borings (sampled at one foot intervals) and 11 groundwater locations were sampled at the site. No VOCs were detected, and the groundwater samples confirmed that lead in the soil was not dissolving into the groundwater. Soil samples showed three samples that exceeded the industrial soil cleanup objective for lead. Two of the samples were located in a previously identified area. However, no specific source for the lead was identified. Based on the results of the sampling, there does not appear to be a significant threat, and therefore, the site will not be listed."

Health Problem:

""

Dump: Not reported  
Structure: Not reported  
Lagoon: Not reported  
Landfill: Not reported  
Pond: Not reported  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: Not reported  
Record Upd: Not reported  
Updated By: Not reported  
Own Op: 1  
Sub Type: 06  
Owner Name: Peter Houghton  
Owner Company: Athens Boatyard  
Owner Address: 35 S. Washington St / P O Box 335  
Owner Addr2: fax = cell no.  
Owner City,St,Zip: Athens NY, NY 12015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATHENS BOAT YARD (Continued)**

**S113916772**

Owner Country: United States of America  
Own Op: 1  
Sub Type: 06  
Owner Name: Thomas Glendening  
Owner Company: Athens BoatYard  
Owner Address: 9 Woodland Drive  
Owner Addr2: fax = cell no.  
Owner City,St,Zip: Campbell Hall,, NY 10916  
Owner Country: United States of America  
HW Code: Not reported  
Waste Type: Not reported  
Waste Quantity: Not reported  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HUDSON	S102675574	HUDSON HANDLING CO	S. FRONT ST		LTANKS
HUDSON	S103919842	NM - HUDSON MGP	WATER STREET	12534	SHWS
HUDSON	S113917110	CON/RAIL (CITY OF HUDSON)	WATER STREET	12534	SHWS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: N/A
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2023  
Date Data Arrived at EDR: 05/02/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 15

Source: EPA  
Telephone: N/A  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023  
Date Data Arrived at EDR: 03/28/2023  
Date Made Active in Reports: 05/30/2023  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/23/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023  
Date Data Arrived at EDR: 05/02/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 15

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (212) 637-3660
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023	Source: Department of the Navy
Date Data Arrived at EDR: 02/09/2023	Telephone: 843-820-7326
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/23/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/04/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023

Date Data Arrived at EDR: 03/21/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 70

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/20/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/06/2023

Date Data Arrived at EDR: 02/07/2023

Date Made Active in Reports: 04/24/2023

Number of Days to Update: 76

Source: Department of Environmental Conservation

Telephone: 518-402-9622

Last EDR Contact: 05/05/2023

Next Scheduled EDR Contact: 08/21/2023

Data Release Frequency: Annually

## ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/31/2023

Date Data Arrived at EDR: 04/04/2023

Date Made Active in Reports: 06/21/2023

Number of Days to Update: 78

Source: Department of Environmental Conservation

Telephone: 518-402-8678

Last EDR Contact: 06/22/2023

Next Scheduled EDR Contact: 10/09/2023

Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022

Date Data Arrived at EDR: 12/06/2022

Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 6

Telephone: 214-665-6597

Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022

Date Data Arrived at EDR: 12/06/2022

Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/08/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-8677
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/06/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/07/2023	Telephone: 518-402-9549
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 05/05/2023
Number of Days to Update: 2	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## ***Lists of state and tribal registered storage tanks***

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

### UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 02/14/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/21/2023	Telephone: 518-402-9549
Date Made Active in Reports: 06/02/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: No Update Planned

### CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

### MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

### CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 02/14/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/21/2023	Telephone: 518-402-9549
Date Made Active in Reports: 06/02/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 02/14/2023  
Date Data Arrived at EDR: 03/21/2023  
Date Made Active in Reports: 06/02/2023  
Number of Days to Update: 73

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 06/20/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Quarterly

## AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 02/14/2023  
Date Data Arrived at EDR: 03/21/2023  
Date Made Active in Reports: 06/02/2023  
Number of Days to Update: 73

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 06/20/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: No Update Planned

## CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

## MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 05/09/2023  
Next Scheduled EDR Contact: 07/31/2023  
Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 05/09/2023  
Next Scheduled EDR Contact: 07/31/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 05/09/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 02/14/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/21/2023	Telephone: 518-402-9543
Date Made Active in Reports: 06/02/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## **State and tribal institutional control / engineering control registries**

### RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 09/27/2022	Source: NYC Department of City Planning
Date Data Arrived at EDR: 12/12/2022	Telephone: 212-720-3401
Date Made Active in Reports: 03/06/2023	Last EDR Contact: 06/14/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Varies

### ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 09/27/2022	Source: New York City Department of City Planning
Date Data Arrived at EDR: 03/21/2023	Telephone: 212-720-3300
Date Made Active in Reports: 06/02/2023	Last EDR Contact: 06/12/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Varies

### ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/06/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/07/2023	Telephone: 518-402-9553
Date Made Active in Reports: 04/24/2023	Last EDR Contact: 05/05/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Quarterly

### INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/06/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/07/2023	Telephone: 518-402-9553
Date Made Active in Reports: 04/24/2023	Last EDR Contact: 05/05/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Quarterly

## **Lists of state and tribal voluntary cleanup sites**

### VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/06/2023  
Date Data Arrived at EDR: 02/07/2023  
Date Made Active in Reports: 04/24/2023  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 518-402-9711  
Last EDR Contact: 05/05/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Semi-Annually

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 06/13/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 03/06/2023  
Date Data Arrived at EDR: 03/08/2023  
Date Made Active in Reports: 05/25/2023  
Number of Days to Update: 78

Source: New York City Office of Environmental Protection  
Telephone: 212-788-8841  
Last EDR Contact: 06/06/2023  
Next Scheduled EDR Contact: 09/18/2023  
Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/06/2023  
Date Data Arrived at EDR: 02/07/2023  
Date Made Active in Reports: 04/24/2023  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 05/05/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Semi-Annually

### ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/06/2023  
Date Data Arrived at EDR: 02/07/2023  
Date Made Active in Reports: 04/24/2023  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 05/05/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 06/08/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 03/31/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/04/2023	Telephone: 518-402-8678
Date Made Active in Reports: 06/21/2023	Last EDR Contact: 06/22/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Quarterly

#### SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/06/2018	Telephone: 518-402-8694
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/05/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2023
	Data Release Frequency: No Update Planned

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/19/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/11/2023  
Next Scheduled EDR Contact: 10/30/2023  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 04/27/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/23/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 48

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/23/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: No Update Planned

### DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/06/2023  
Date Data Arrived at EDR: 02/07/2023  
Date Made Active in Reports: 04/24/2023  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 05/05/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Quarterly

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/22/2023  
Date Data Arrived at EDR: 05/23/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 48

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/23/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Quarterly

## Local Lists of Registered Storage Tanks

### HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 06/02/2006  
Date Made Active in Reports: 07/20/2006  
Number of Days to Update: 48

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 06/02/2006  
Date Made Active in Reports: 07/20/2006  
Number of Days to Update: 48

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: No Update Planned

## Local Land Records

### LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/01/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 04/25/2023  
Number of Days to Update: 82

Source: Office of the State Comptroller  
Telephone: 518-474-9034  
Last EDR Contact: 04/27/2023  
Next Scheduled EDR Contact: 08/14/2023  
Data Release Frequency: Quarterly

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/26/2023  
Date Data Arrived at EDR: 05/02/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023  
Date Data Arrived at EDR: 03/21/2023  
Date Made Active in Reports: 05/30/2023  
Number of Days to Update: 70

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 06/20/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Quarterly

### SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/06/2023  
Date Data Arrived at EDR: 02/07/2023  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 2

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 05/05/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Varies

### HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 07/08/2005  
Date Made Active in Reports: 07/14/2005  
Number of Days to Update: 6

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 07/07/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/12/2013  
Number of Days to Update: 40

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 03/07/2013  
Number of Days to Update: 63

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 06/20/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/08/2023  
Date Data Arrived at EDR: 05/16/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 05/16/2023  
Next Scheduled EDR Contact: 08/28/2023  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 07/10/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/05/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/13/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2023	Telephone: 202-566-1917
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/20/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/01/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/04/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 06/16/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/19/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/17/2023	Source: EPA
Date Data Arrived at EDR: 04/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 703-416-0223
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Annually

## RMP: Risk Management Plans

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 06/12/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023	Source: EPA
Date Data Arrived at EDR: 05/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**MLTS: Material Licensing Tracking System**

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/21/2023	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 04/13/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

**COAL ASH DOE: Steam-Electric Plant Operation Data**

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

**COAL ASH EPA: Coal Combustion Residues Surface Impoundments List**

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/25/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

**PCB TRANSFORMER: PCB Transformer Registration Database**

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/04/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

**RADINFO: Radiation Information Database**

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 06/22/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 04/25/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2023  
Date Data Arrived at EDR: 04/20/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/20/2023  
Next Scheduled EDR Contact: 10/02/2023  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/05/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/24/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/28/2023
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 05/17/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 15	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023  
Date Data Arrived at EDR: 04/04/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 09/11/2023  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/02/2023  
Date Data Arrived at EDR: 02/22/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/24/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022  
Date Data Arrived at EDR: 02/24/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 82

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/25/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/25/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/17/2023  
Date Data Arrived at EDR: 03/17/2023  
Date Made Active in Reports: 05/30/2023  
Number of Days to Update: 74

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 06/13/2023  
Next Scheduled EDR Contact: 09/18/2023  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023  
Date Data Arrived at EDR: 02/28/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 24

Source: EPA  
Telephone: (212) 637-3000  
Last EDR Contact: 05/25/2023  
Next Scheduled EDR Contact: 09/11/2023  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023  
Date Data Arrived at EDR: 03/31/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 70

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 06/29/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/21/2021  
Date Made Active in Reports: 08/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 05/17/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021  
Date Data Arrived at EDR: 10/20/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 82

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023  
Date Data Arrived at EDR: 05/17/2023  
Date Made Active in Reports: 07/10/2023  
Number of Days to Update: 54

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/17/2023  
Next Scheduled EDR Contact: 08/28/2023  
Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2023  
Date Data Arrived at EDR: 06/08/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 1

Source: Environmental Protection Agency  
Telephone: 703-603-8895  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/07/2023  
Number of Days to Update: 8

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 33

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020  
Date Data Arrived at EDR: 03/17/2021  
Date Made Active in Reports: 11/08/2022  
Number of Days to Update: 601

Source: Department of Health & Human Services  
Telephone: 202-741-5770  
Last EDR Contact: 04/20/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 05/02/2023  
Number of Days to Update: 33

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/07/2023  
Number of Days to Update: 8

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilities name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023  
Date Data Arrived at EDR: 03/30/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 4

Source: Environmental Protection Agency  
Telephone: 202-272-0167  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

## PFAS 2: New York State Inactive Landfill Initiative

A list of landfills that were investigated and the analytical results for PFOA and PFOS for those landfills. These data represent the landfills from the ILI database that were investigated.

Date of Government Version: 11/14/2022	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/12/2023	Telephone: 518-402-9662
Date Made Active in Reports: 01/23/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

## PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/08/2019	Telephone: 518-402-9020
Date Made Active in Reports: 06/24/2019	Last EDR Contact: 05/04/2023
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

## PFAS 3: PFAS Environmental Site Remediation List

Per- and Polyfluoroalkyl Substances (PFAS) are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Fluoropolymer coatings are blends of resins and lubricants used in products such as water-repellent clothing, furniture, adhesives, paint and varnish, food packaging, heat-resistant non-stick cooking surfaces and insulation of electrical wires. Chemicals in this group include perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS).

Date of Government Version: 02/06/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/07/2023	Telephone: 518-402-9759
Date Made Active in Reports: 04/25/2023	Last EDR Contact: 05/05/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

## AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 02/14/2023	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/15/2023	Telephone: 518-402-8452
Date Made Active in Reports: 05/09/2023	Last EDR Contact: 04/13/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/2023  
Date Data Arrived at EDR: 03/24/2023  
Date Made Active in Reports: 06/07/2023  
Number of Days to Update: 75

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 06/22/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/06/2023  
Date Data Arrived at EDR: 03/08/2023  
Date Made Active in Reports: 05/25/2023  
Number of Days to Update: 78

Source: Department of Environmental Conservation  
Telephone: 518-402-8403  
Last EDR Contact: 05/31/2023  
Next Scheduled EDR Contact: 09/18/2023  
Data Release Frequency: Annually

## E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/27/2022  
Date Data Arrived at EDR: 12/12/2022  
Date Made Active in Reports: 03/07/2023  
Number of Days to Update: 85

Source: New York City Department of City Planning  
Telephone: 718-595-6658  
Last EDR Contact: 06/13/2023  
Next Scheduled EDR Contact: 09/25/2023  
Data Release Frequency: Semi-Annually

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 03/27/2023  
Date Data Arrived at EDR: 03/29/2023  
Date Made Active in Reports: 06/13/2023  
Number of Days to Update: 76

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 06/22/2023  
Next Scheduled EDR Contact: 10/09/2023  
Data Release Frequency: Quarterly

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/31/2021  
Date Data Arrived at EDR: 01/05/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 78

Source: Department of Environmental Conservation  
Telephone: 518-402-8712  
Last EDR Contact: 05/31/2023  
Next Scheduled EDR Contact: 09/18/2023  
Data Release Frequency: Varies

## HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2003  
Date Data Arrived at EDR: 10/20/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 518-402-9564  
Last EDR Contact: 05/26/2009  
Next Scheduled EDR Contact: 08/24/2009  
Data Release Frequency: No Update Planned

## NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 12/31/2022  
Date Data Arrived at EDR: 02/01/2023  
Date Made Active in Reports: 04/25/2023  
Number of Days to Update: 83

Source: New York City Department of Education  
Telephone: 212-374-5141  
Last EDR Contact: 05/04/2023  
Next Scheduled EDR Contact: 08/14/2023  
Data Release Frequency: Varies

## NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City's Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 01/30/2023  
Date Data Arrived at EDR: 02/01/2023  
Date Made Active in Reports: 04/25/2023  
Number of Days to Update: 83

Source: New York City Department of Housing Preservation & Development  
Telephone: 212-863-8200  
Last EDR Contact: 05/03/2023  
Next Scheduled EDR Contact: 08/14/2023  
Data Release Frequency: Varies

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 10/29/2021  
Date Made Active in Reports: 01/19/2022  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/27/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Quarterly

## SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/20/2022  
Date Data Arrived at EDR: 11/09/2022  
Date Made Active in Reports: 01/30/2023  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 04/13/2023  
Next Scheduled EDR Contact: 07/31/2023  
Data Release Frequency: No Update Planned

## VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022  
Date Data Arrived at EDR: 02/08/2022  
Date Made Active in Reports: 05/06/2022  
Number of Days to Update: 87

Source: Department of Environmental Conservation  
Telephone: 518-402-9814  
Last EDR Contact: 05/11/2023  
Next Scheduled EDR Contact: 08/21/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 02/26/2023  
Date Data Arrived at EDR: 03/01/2023  
Date Made Active in Reports: 05/19/2023  
Number of Days to Update: 79

Source: Department of Environmental Conservation  
Telephone: 518-402-8056  
Last EDR Contact: 05/30/2023  
Next Scheduled EDR Contact: 09/11/2023  
Data Release Frequency: Quarterly

## COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 04/04/2023  
Date Data Arrived at EDR: 04/12/2023  
Date Made Active in Reports: 06/28/2023  
Number of Days to Update: 77

Source: Department of Health  
Telephone: 518-402-7650  
Last EDR Contact: 07/12/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: No Update Planned

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 05/25/2023  
Next Scheduled EDR Contact: 09/04/2023  
Data Release Frequency: Varies

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023  
Date Data Arrived at EDR: 06/08/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 1

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 07/05/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/10/2014  
Number of Days to Update: 193

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### CORTLAND COUNTY:

#### AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019  
Date Data Arrived at EDR: 08/20/2019  
Date Made Active in Reports: 10/16/2019  
Number of Days to Update: 57

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 04/20/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Quarterly

#### UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019  
Date Data Arrived at EDR: 08/20/2019  
Date Made Active in Reports: 10/16/2019  
Number of Days to Update: 57

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 04/20/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Quarterly

### NASSAU COUNTY:

#### AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 02/15/2017  
Number of Days to Update: 35

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 04/20/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: No Update Planned

#### AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011  
Date Data Arrived at EDR: 02/23/2011  
Date Made Active in Reports: 03/29/2011  
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal  
Telephone: 516-572-1000  
Last EDR Contact: 04/20/2023  
Next Scheduled EDR Contact: 08/07/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TANKS NASSAU: Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017	Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 04/20/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

## UST - NASSAU: Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 04/20/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: No Update Planned

## UST NCFM: Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 04/20/2023
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

## ROCKLAND COUNTY:

### AST - ROCKLAND: Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017	Source: Rockland County Health Department
Date Data Arrived at EDR: 03/17/2017	Telephone: 914-364-2605
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 05/23/2023
Number of Days to Update: 189	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: No Update Planned

### UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017	Source: Rockland County Health Department
Date Data Arrived at EDR: 03/17/2017	Telephone: 914-364-2605
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 05/23/2023
Number of Days to Update: 189	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: No Update Planned

## SUFFOLK COUNTY:

### AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 12/06/2018	Telephone: 631-854-2521
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 04/20/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TANKS SUFFOLK: Storage Tank Database

This county is not included in the state's database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018	Source: Department of Health Services
Date Data Arrived at EDR: 02/05/2019	Telephone: 631-854-2516
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 04/20/2023
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

## UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 12/06/2018	Telephone: 631-854-2521
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 04/20/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: No Update Planned

## WESTCHESTER COUNTY:

### AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2023	Source: Westchester County Department of Health
Date Data Arrived at EDR: 02/16/2023	Telephone: 914-813-5161
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Semi-Annually

### UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2023	Source: Westchester County Department of Health
Date Data Arrived at EDR: 02/16/2023	Telephone: 914-813-5161
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Semi-Annually

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 05/11/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/27/2023  
Next Scheduled EDR Contact: 10/16/2023  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 05/10/2022  
Next Scheduled EDR Contact: 08/28/2023  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019  
Date Data Arrived at EDR: 10/29/2019  
Date Made Active in Reports: 01/09/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 07/06/2023  
Next Scheduled EDR Contact: 10/23/2023  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2023  
Next Scheduled EDR Contact: 09/18/2023  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

PARCEL B  
41 N 2ND STREET  
HUDSON, NY 12534

### TARGET PROPERTY COORDINATES

Latitude (North): 42.256496 - 42° 15' 23.39"  
Longitude (West): 73.792118 - 73° 47' 31.62"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 599634.7  
UTM Y (Meters): 4678747.5  
Elevation: 57 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 14106148 HUDSON NORTH, NY  
Version Date: 2019  
  
South Map: 14106150 HUDSON SOUTH, NY  
Version Date: 2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

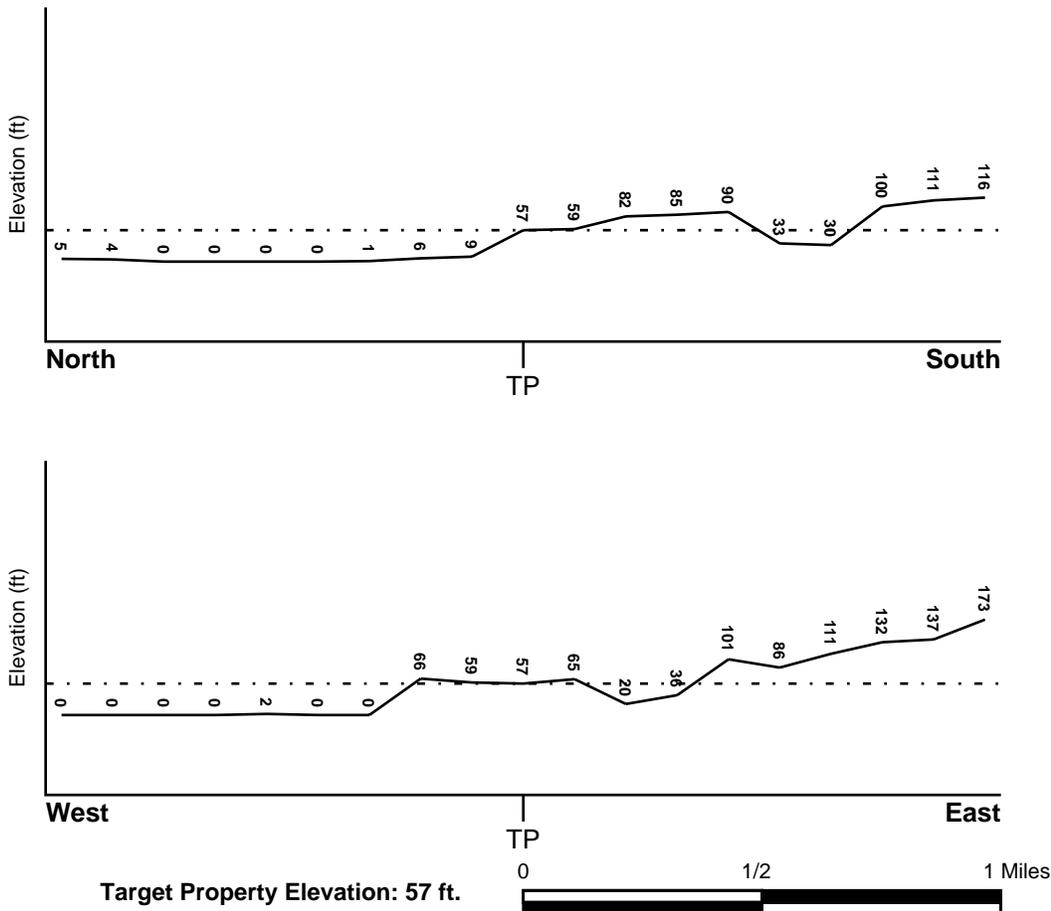
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
36039C0293F	FEMA FIRM Flood data

<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3613190002C	FEMA Q3 Flood data
3613190004C	FEMA Q3 Flood data
3615120001C	FEMA Q3 Flood data
3613190005C	FEMA Q3 Flood data
3613190010C	FEMA Q3 Flood data
3613190007C	FEMA Q3 Flood data

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HUDSON NORTH	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	FROM TP	GROUNDWATER FLOW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

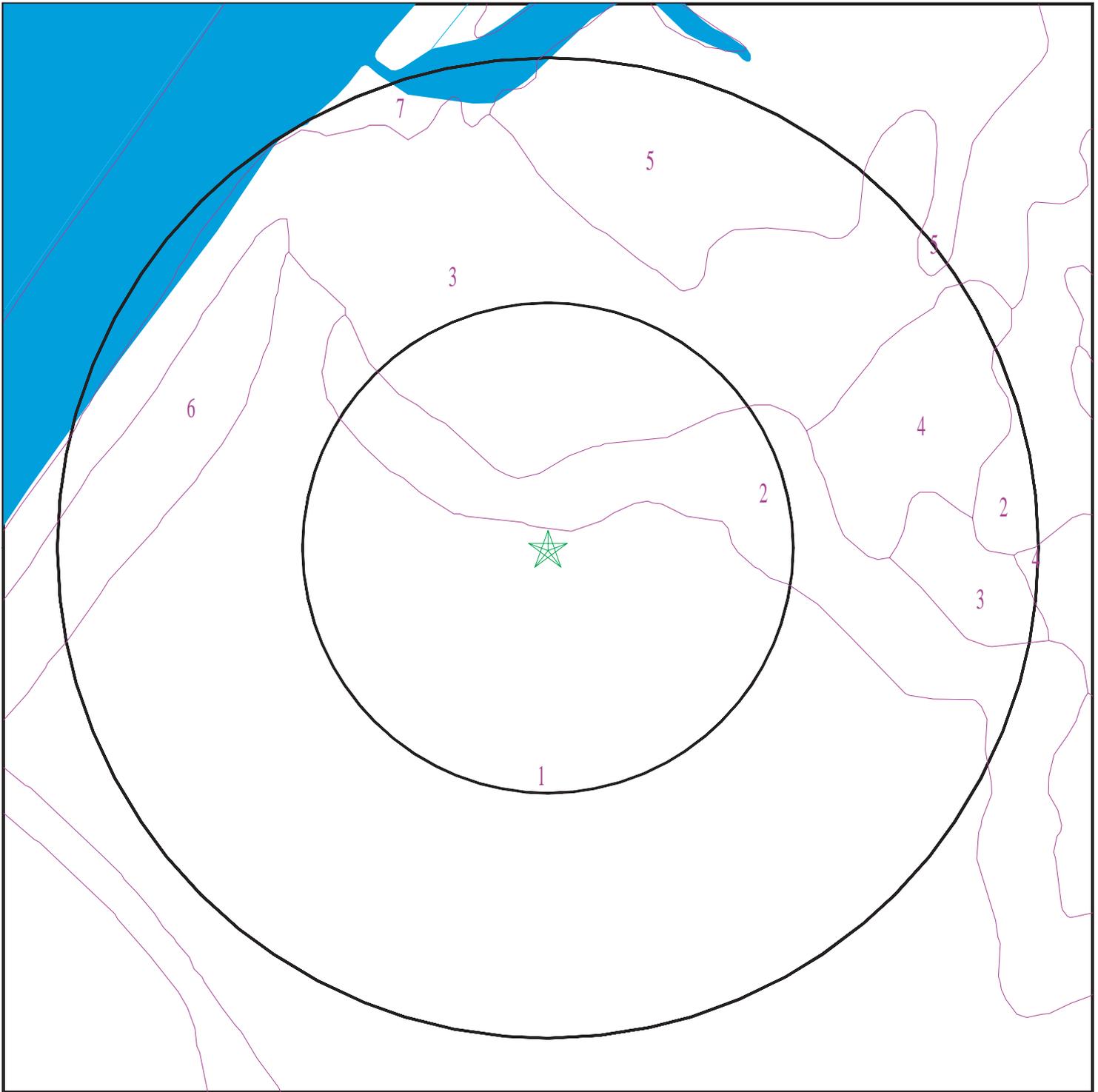
Era:	Paleozoic
System:	Devonian
Series:	Lower Devonian
Code:	D1 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7387626.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Parcel B  
ADDRESS: 41 N 2nd Street  
Hudson NY 12534  
LAT/LONG: 42.256496 / 73.792118

CLIENT: SESI Consulting Engineers  
CONTACT: Annmarie Yannaco  
INQUIRY #: 7387626.2s  
DATE: July 12, 2023 10:50 am

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

#### Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:  
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

No Layer Information available.

---

#### Soil Map ID: 2

Soil Component Name: Hudson

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	9 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	14 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	25 inches	59 inches	stratified silty clay loam to silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

### Soil Map ID: 3

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 0.42	Max: 7.8 Min: 5.1
2	3 inches	72 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 0.42	Max: 7.8 Min: 5.1

### Soil Map ID: 4

Soil Component Name: Hudson

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	14 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	25 inches	59 inches	stratified silty clay loam to silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

### Soil Map ID: 5

Soil Component Name: Saprists

Soil Surface Texture: mucky peat

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	mucky peat	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 1.4	Max: 7.3 Min: 4.5
2	7 inches	29 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 1.4	Max: 7.3 Min: 4.5
3	29 inches	72 inches	fine sandy loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 1.4	Max: 7.3 Min: 4.5

**Soil Map ID: 6**

Soil Component Name: Nassau

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	3 inches	16 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
3	16 inches	26 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

### Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000852527	1/4 - 1/2 Mile SW
3	USGS40000852530	1/2 - 1 Mile WSW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

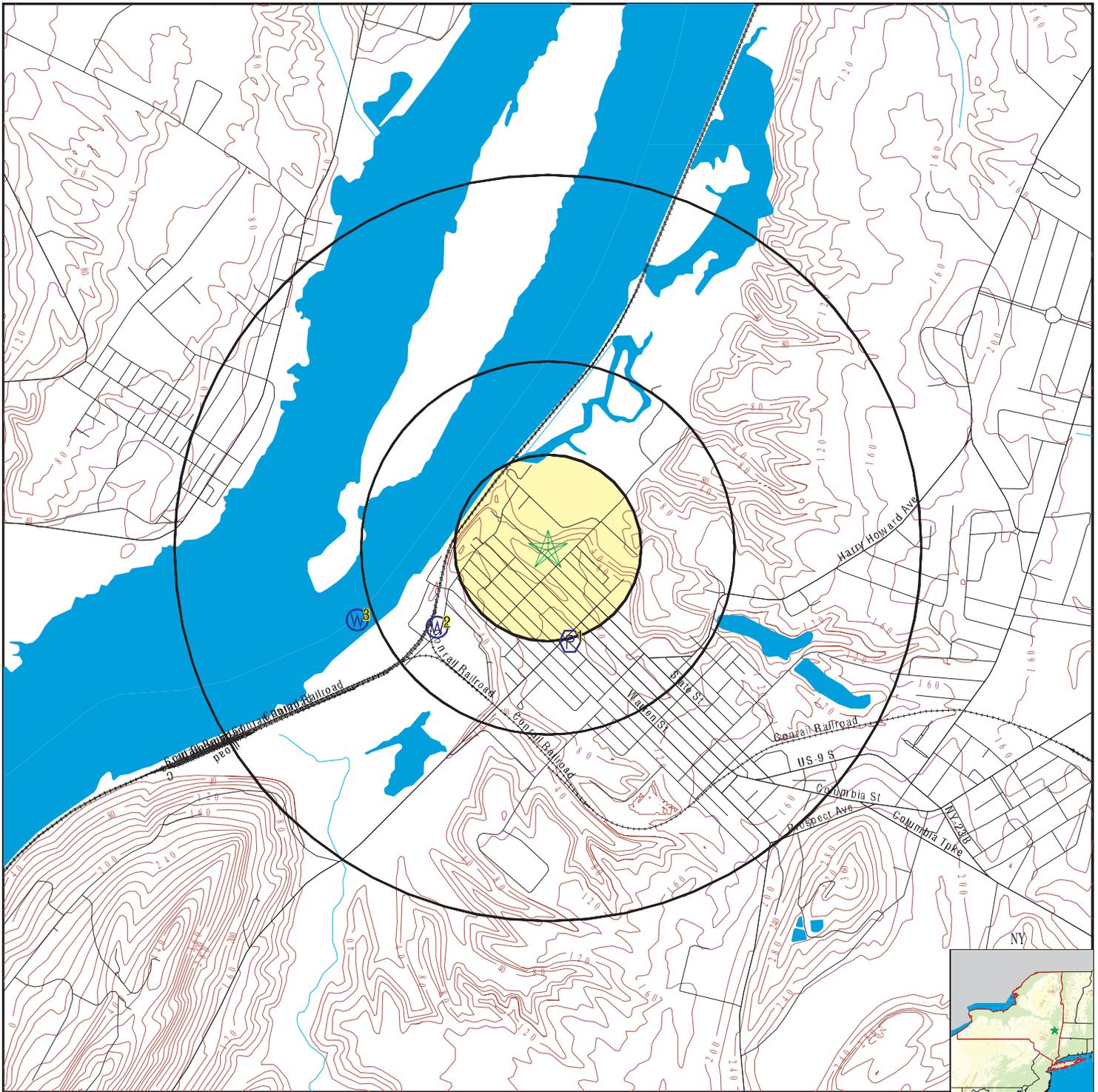
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NY0002625	1/4 - 1/2 Mile SSE

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

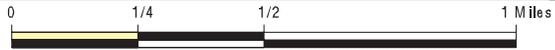
## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 7387626.2s



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



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
 Hudson NY 12534  
 LAT/LONG: 42.256496 / 73.792118

CLIENT: SESI Consulting Engineers  
 CONTACT: Anmarie Yannaco  
 INQUIRY #: 7387626.2s  
 DATE: July 12, 2023 10:50 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**SSE**  
**1/4 - 1/2 Mile**  
**Higher**

**FRDS PWS      NY0002625**

PWS ID:	NY0002625	PWS type:	System Owner/Responsible Party
PWS name:	Not Reported	PWS address:	HUDSON CITY SCHOOL DISTRICT
PWS city:	HUDSON	PWS state:	NY
PWS zip:	12534	PWS ID:	NY0002625
PWS type:	System Owner/Responsible Party		
PWS name:	Not Reported	PWS address:	HUDSON CITY SCHOOL DISTRICT
PWS city:	HUDSON	PWS state:	NY
PWS zip:	12534	PWS ID:	NY0002625
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000121
System name:	CLAVERACK SCHOOL	System address:	Not Reported
System address:	ROUTE 23	System city:	CLAVERACK
System state:	NY	System zip:	12513
County FIPS:	010	City served:	CLAVERACK (T)
Latitude:	421510	Longitude:	0734729

**2**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS4000085257**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	CB 854	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	26
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**3**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000852530**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	CB 852	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Normanskill Formation
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	1008	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: NY Radon

### Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
COLUMBIA	ANCRAM	18	11.14	8.75	31.5
COLUMBIA	AUSTERLITZ	13	4.52	3.11	16.6
COLUMBIA	CANAAN	23	6.46	4.15	22.7
COLUMBIA	CHATHAM	79	9.38	4.32	298
COLUMBIA	CLAVERACK	28	6	4.02	29.3
COLUMBIA	CLERMONT	29	7.7	4.75	27.9
COLUMBIA	COPAKE	45	10.34	5.32	49.6
COLUMBIA	GALLATIN	9	6.92	5.32	13.7
COLUMBIA	GERMANTOWN	31	5.28	2.62	45.5
COLUMBIA	GHENT	40	8.04	4.89	28.7
COLUMBIA	GREENPORT	5	2.06	1.73	3.2
COLUMBIA	HILLSDALE	34	7.98	4.16	49.6
COLUMBIA	HUDSON C.	61	3.4	1.69	65.1
COLUMBIA	KINDERHOOK	136	6.57	3.78	80.6
COLUMBIA	LIVINGSTON	23	7.07	5.01	35
COLUMBIA	NEW LEBANON	24	2.84	2.04	9.9
COLUMBIA	STOCKPORT	3	0.57	0.52	0.9
COLUMBIA	STUYVESANT	12	3.93	2.48	11.7
COLUMBIA	TAGHKANIC	26	6.71	3.47	56.1

Federal EPA Radon Zone for COLUMBIA County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for COLUMBIA COUNTY, NY

Number of sites tested: 31

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.520 pCi/L	89%	11%	0%
Basement	3.270 pCi/L	68%	29%	3%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

## OTHER STATE DATABASE INFORMATION

#### Oil and Gas Well Database

Source: Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

### RADON

#### State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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Parcel B  
41 N 2nd Street  
Hudson, NY 12534

Inquiry Number: 7387626.3

July 14, 2023

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

07/14/23

**Site Name:**

Parcel B  
41 N 2nd Street  
Hudson, NY 12534  
EDR Inquiry # 7387626.3

**Client Name:**

SESI Consulting Engineers  
959 Route 46E 3rd Floor  
Parsippany, NJ 07054  
Contact: Annmarie Yannaco



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** FA65-43C2-82AB

**PO #** NA

**Project** 13045B

**Maps Provided:**

1961  
1949  
1923  
1911  
1903  
1895  
1889  
1884



Sanborn® Library search results

Certification #: FA65-43C2-82AB

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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## Sanborn Sheet Key

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### 1961 Source Sheets



Volume 1, Sheet 5  
1961



Volume 1, Sheet 7  
1961

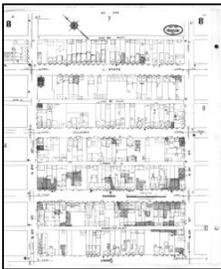


Volume 1, Sheet 8  
1961

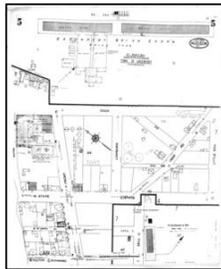


Volume 1, Sheet 4  
1961

### 1949 Source Sheets



Volume 1, Sheet 8  
1949



Volume 1, Sheet 5  
1949



Volume 1, Sheet 7  
1949



Volume 1, Sheet 4  
1949

### 1923 Source Sheets



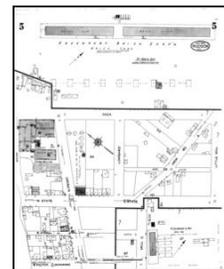
Volume 1, Sheet 8  
1923



Volume 1, Sheet 4  
1923



Volume 1, Sheet 7  
1923



Volume 1, Sheet 5  
1923

### 1911 Source Sheets



Volume 1, Sheet 8  
1911



Volume 1, Sheet 7  
1911



Volume 1, Sheet 4  
1911



Volume 1, Sheet 5  
1911

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1903 Source Sheets



Volume 1, Sheet 4  
1903



Volume 1, Sheet 6  
1903



Volume 1, Sheet 7  
1903

### 1895 Source Sheets



Volume 1, Sheet 4  
1895



Volume 1, Sheet 15  
1895



Volume 1, Sheet 5  
1895

### 1889 Source Sheets



Volume 1, Sheet 13  
1889



Volume 1, Sheet 6  
1889



Volume 1, Sheet 4  
1889



Volume 1, Sheet 14  
1889

### 1884 Source Sheets



Volume 1, Sheet 11  
1884



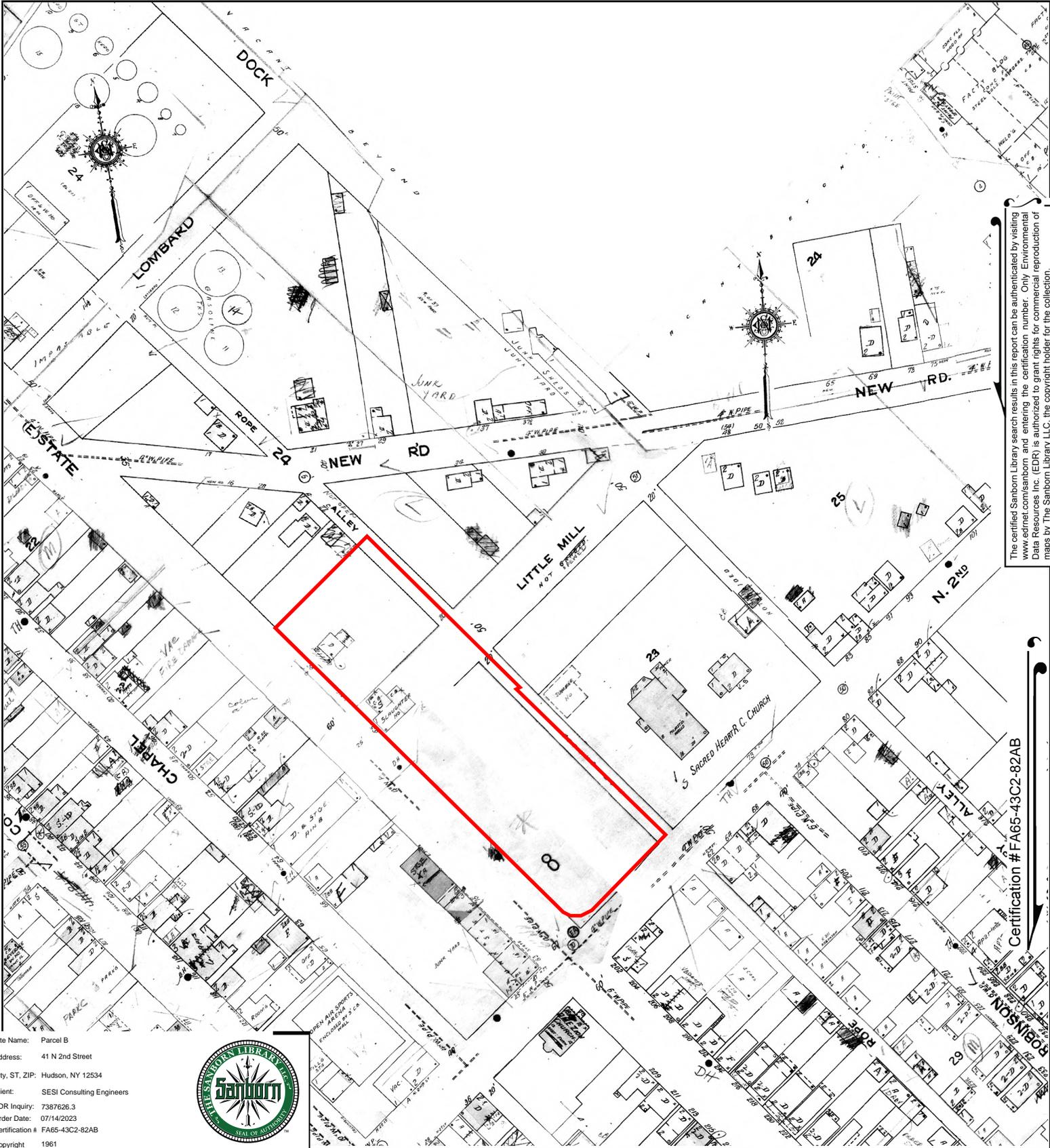
Volume 1, Sheet 4  
1884



Volume 1, Sheet 6  
1884



Volume 1, Sheet 2  
1884



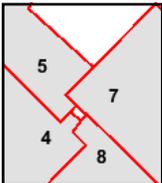
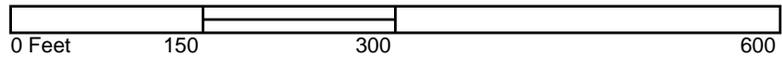
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Site Name: Parcel B  
 Address: 41 N 2nd Street  
 City, ST, ZIP: Hudson, NY 12534  
 Client: SESI Consulting Engineers  
 EDR Inquiry: 7387626.3  
 Order Date: 07/14/2023  
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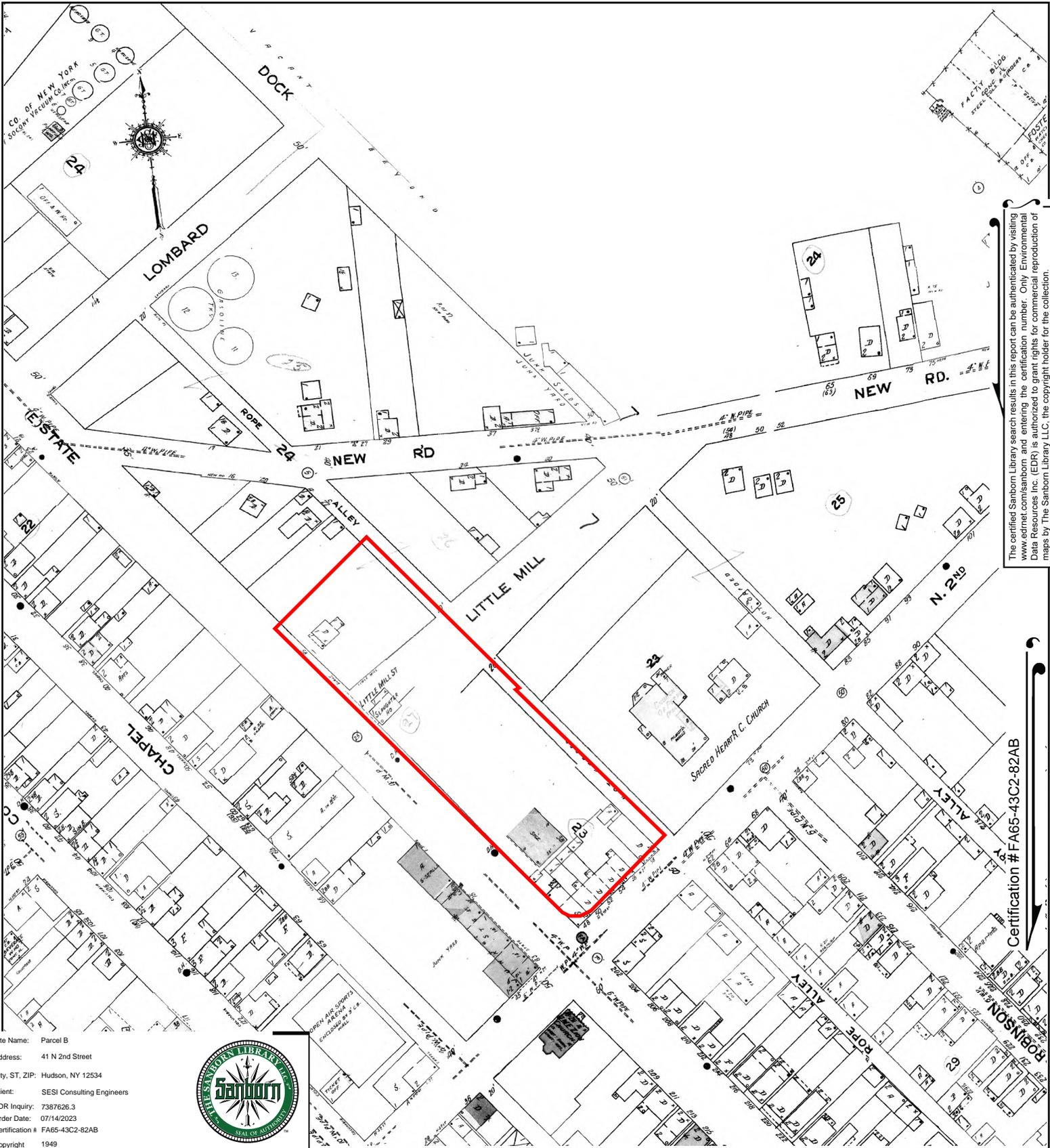


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Volume 1, Sheet 4  
 Volume 1, Sheet 8  
 Volume 1, Sheet 7  
 Volume 1, Sheet 5





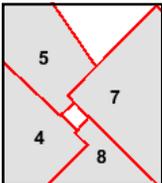
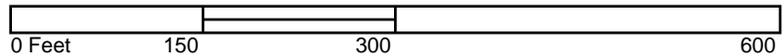
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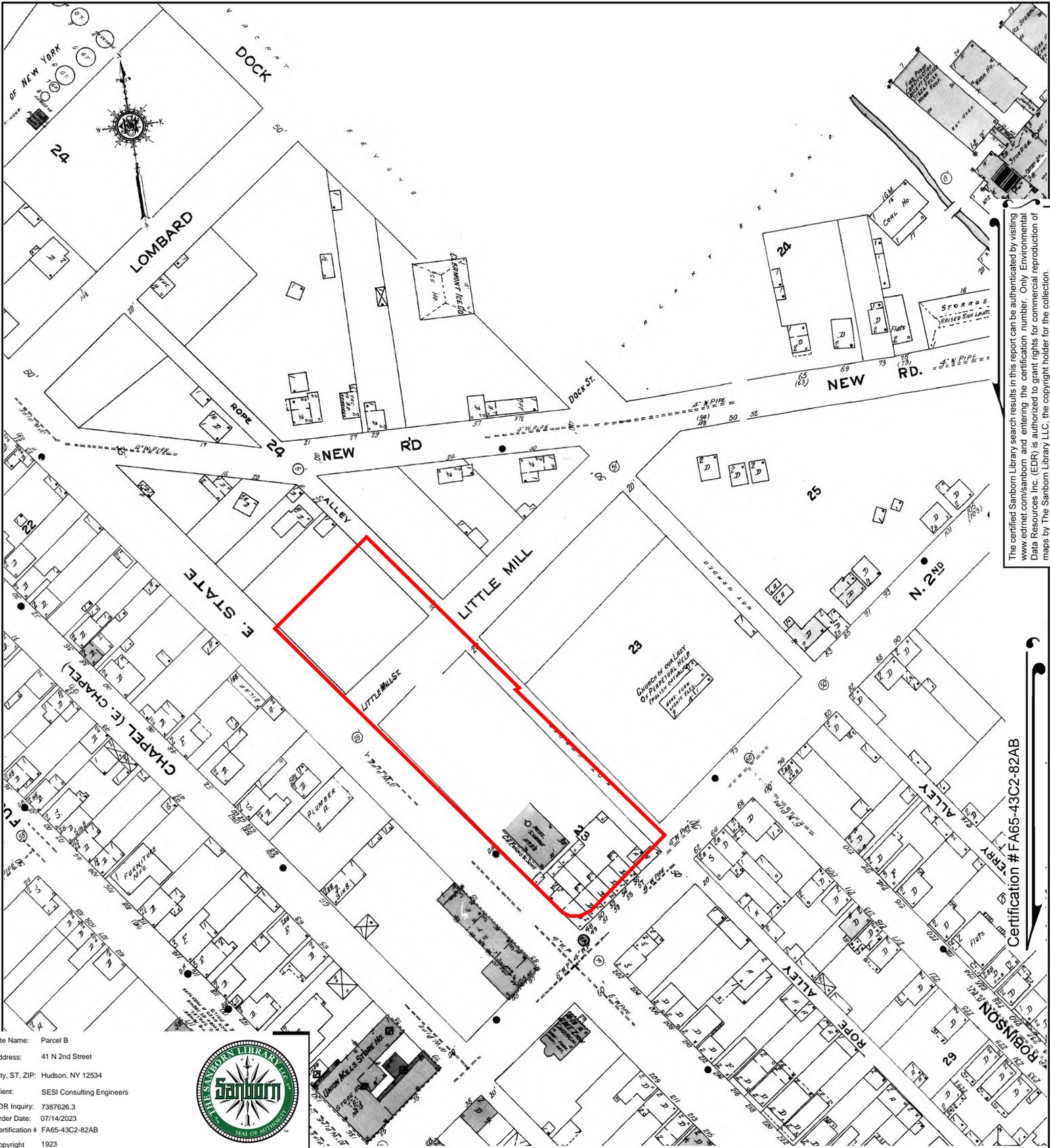


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- Volume 1, Sheet 5
- Volume 1, Sheet 8





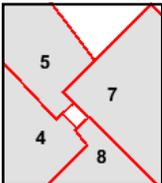
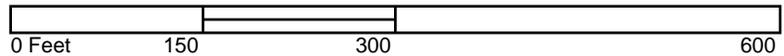
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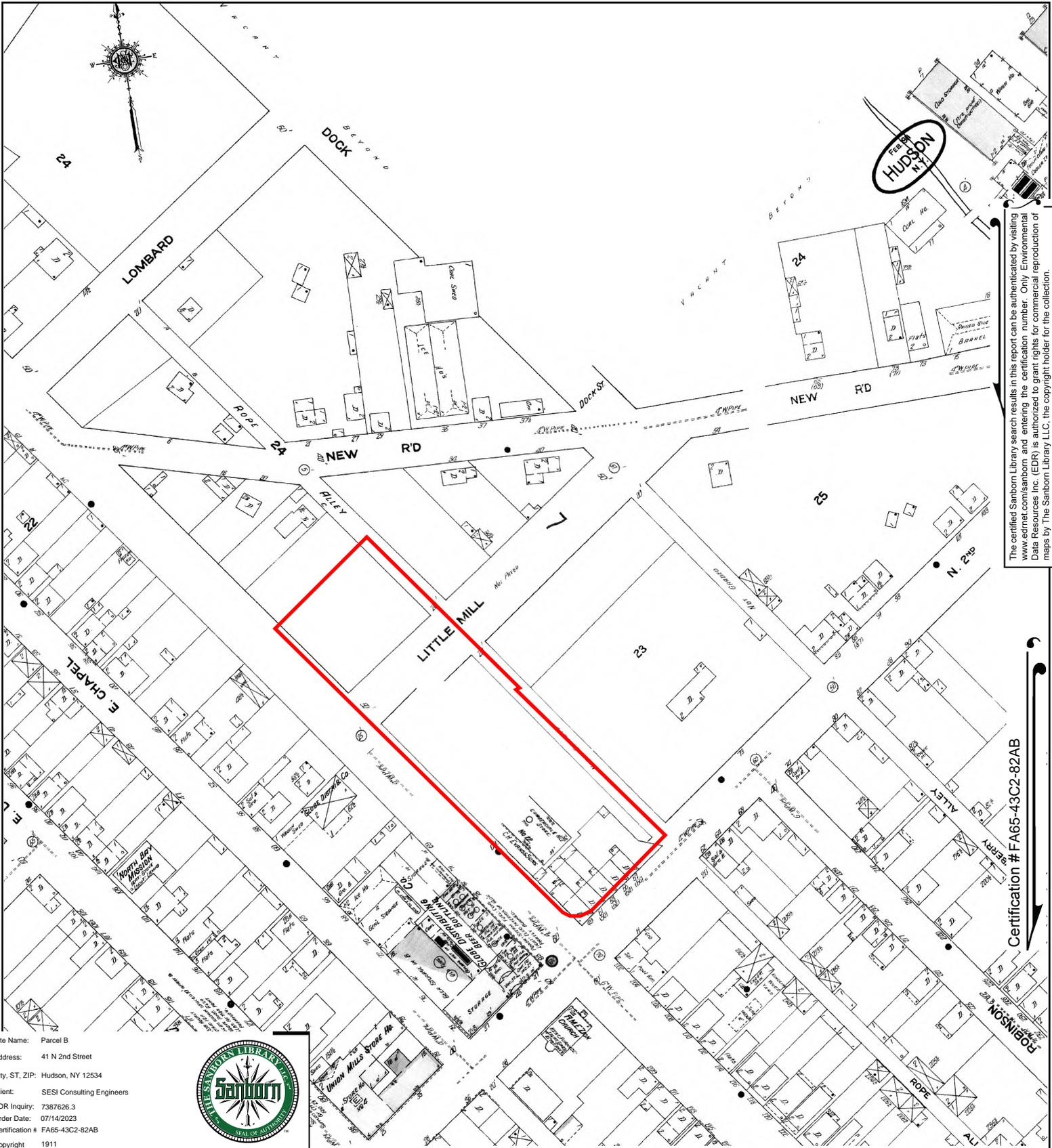


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- Volume 1, Sheet 5
- Volume 1, Sheet 7
- Volume 1, Sheet 4
- Volume 1, Sheet 8



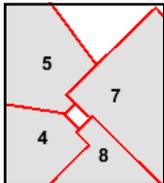
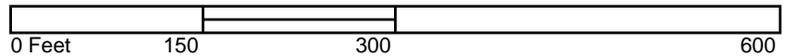


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 Client: SESI Consulting Engineers  
 EDR Inquiry: 7387626.3  
 Order Date: 07/14/2023  
 Certification # FA65-43C2-82AB  
 Copyright 1911



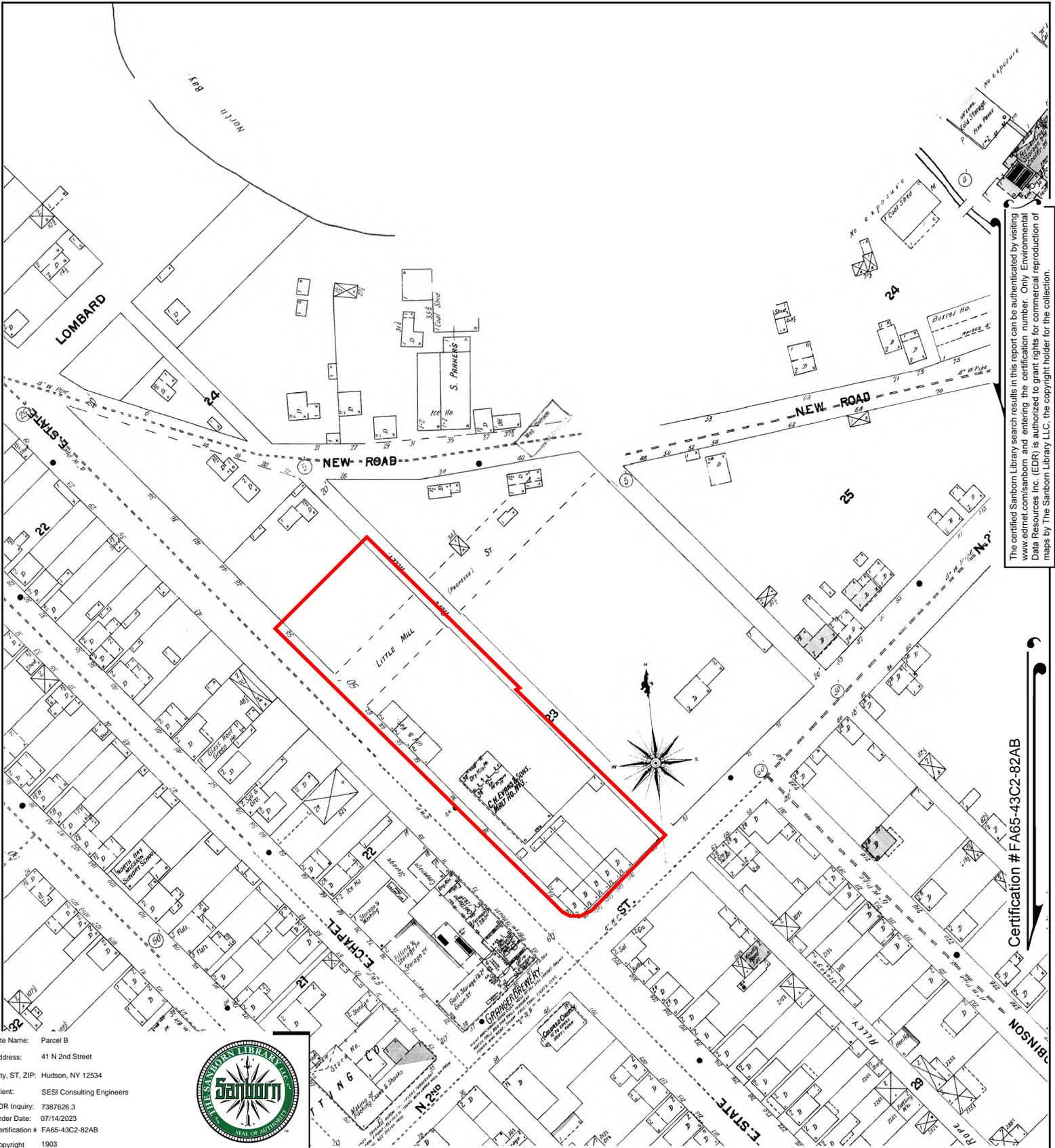
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- Volume 1, Sheet 4
- Volume 1, Sheet 7
- Volume 1, Sheet 8





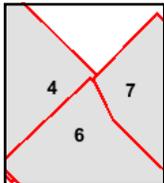
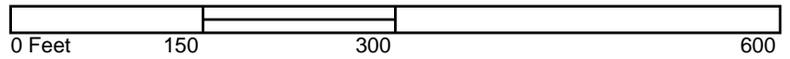
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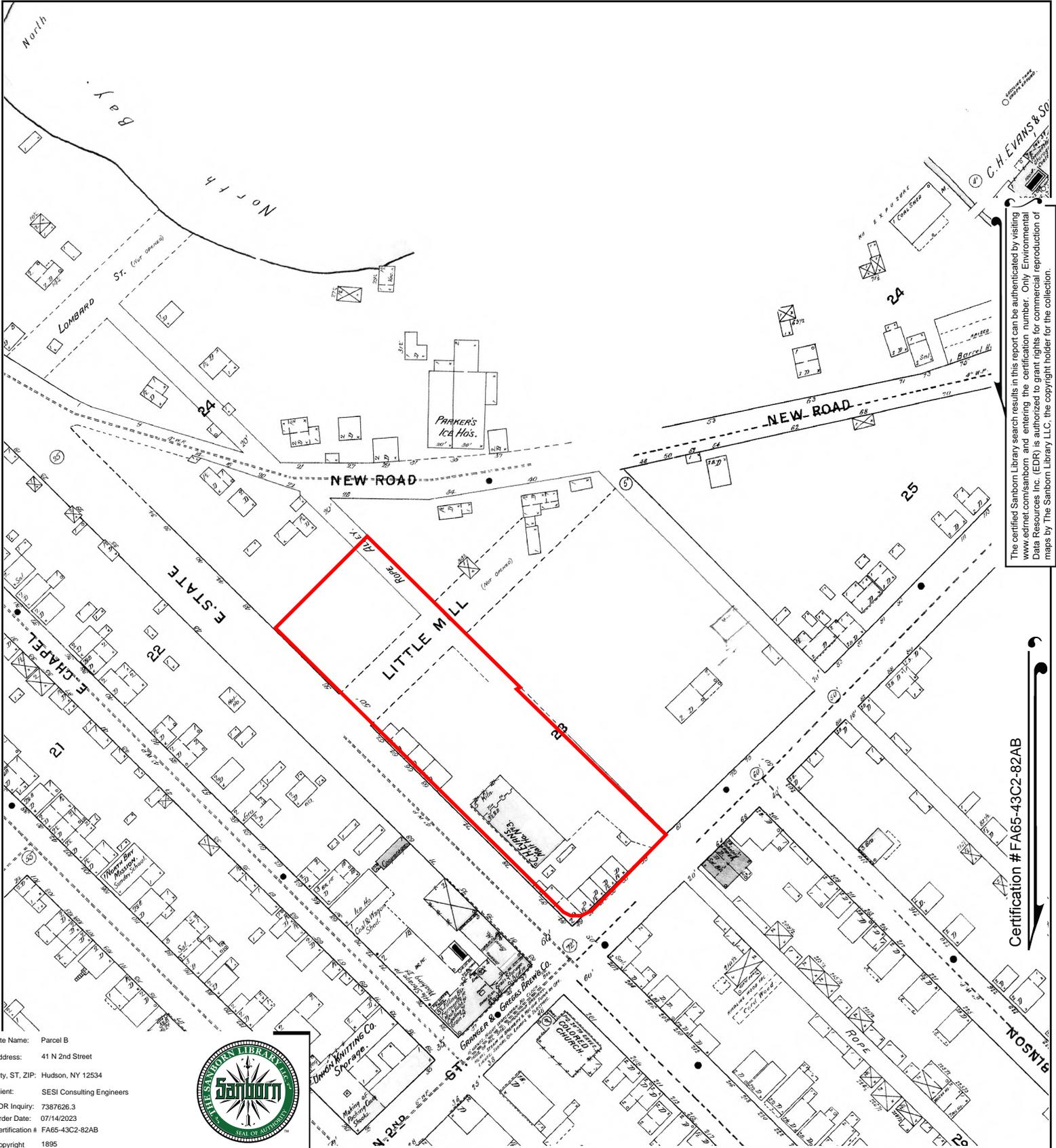


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Volume 1, Sheet 7  
 Volume 1, Sheet 6  
 Volume 1, Sheet 4





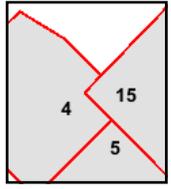
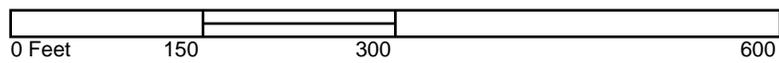
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Certification # FA65-43C2-82AB

Site Name: Parcel B  
 Address: 41 N 2nd Street  
 City, ST, ZIP: Hudson, NY 12534  
 Client: SESI Consulting Engineers  
 EDR Inquiry: 7387626.3  
 Order Date: 07/14/2023  
 Certification # FA65-43C2-82AB  
 Copyright 1895

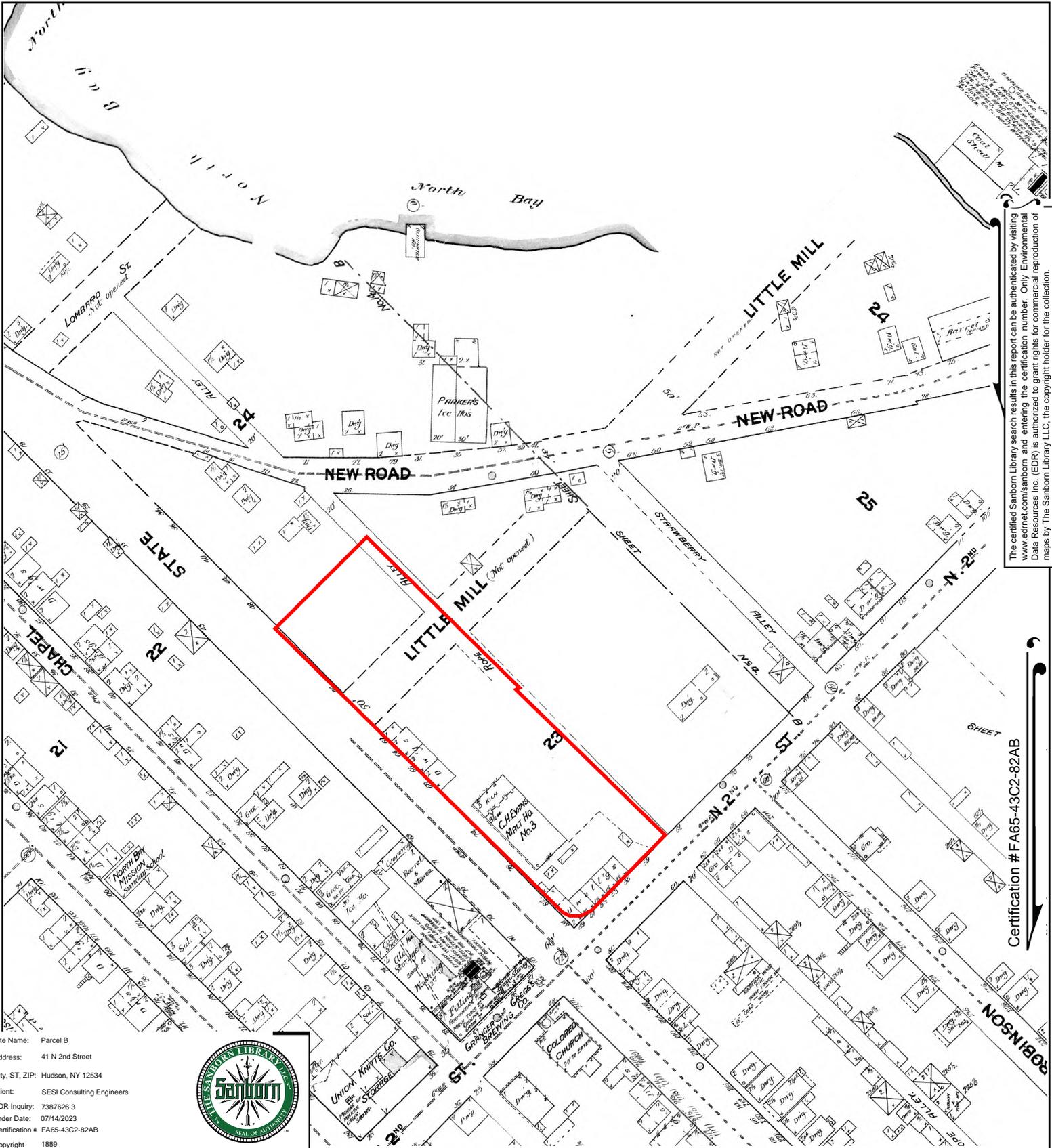


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5  
 Volume 1, Sheet 15  
 Volume 1, Sheet 4





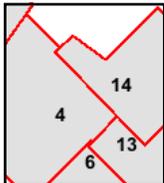
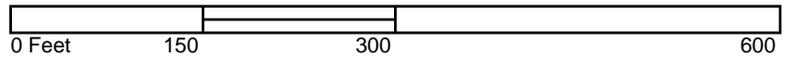
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 Order Date: 07/14/2023  
 Certification # FA65-43C2-82AB  
 Copyright 1889

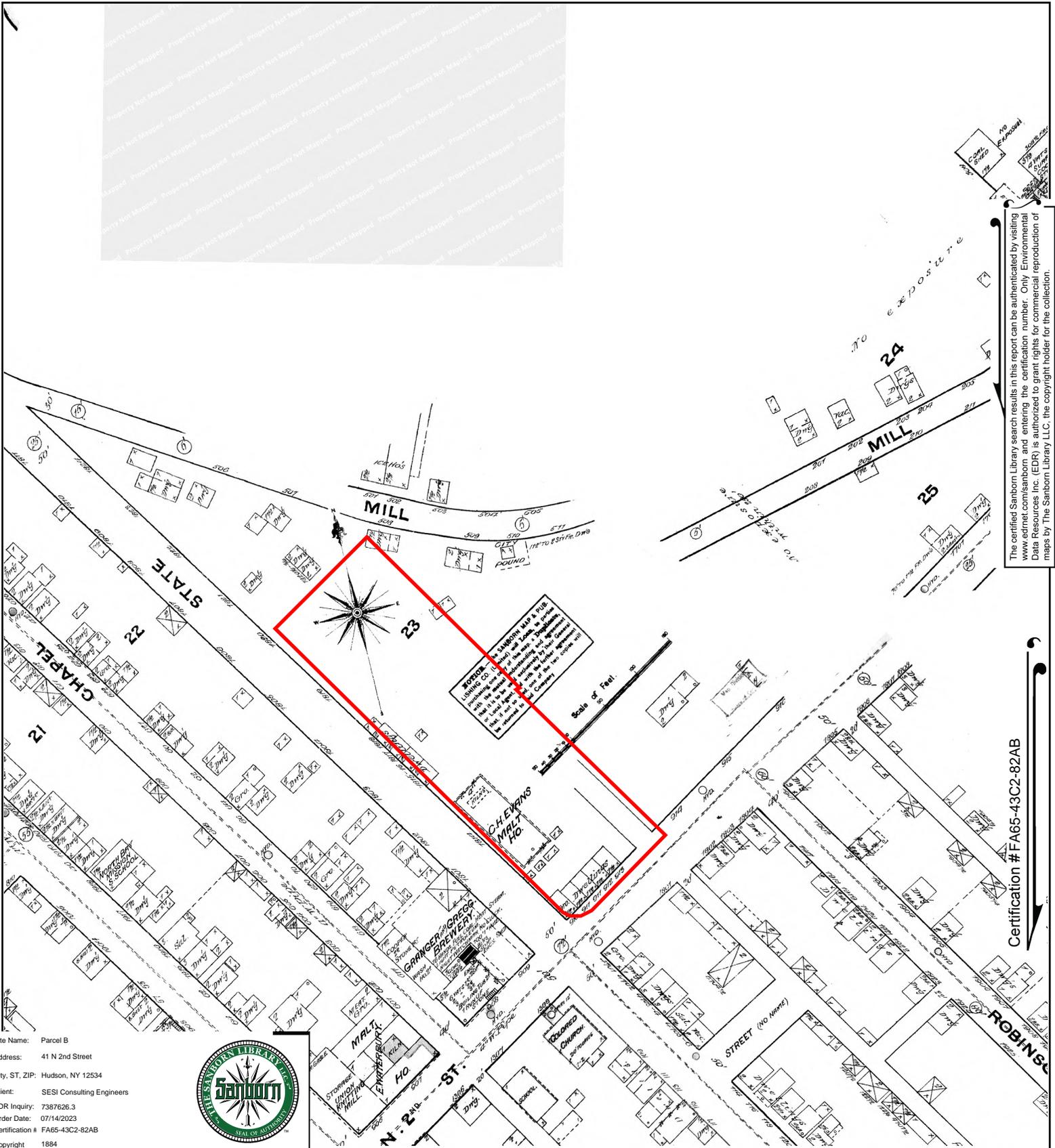


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 14
- Volume 1, Sheet 4
- Volume 1, Sheet 6
- Volume 1, Sheet 13



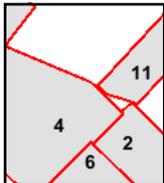


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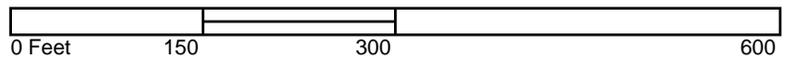
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 Address: 41 N 2nd Street  
 City, ST, ZIP: Hudson, NY 12534  
 Client: SESI Consulting Engineers  
 EDR Inquiry: 7387626.3  
 Order Date: 07/14/2023  
 Certification # FA65-43C2-82AB  
 Copyright: 1884



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 2
- Volume 1, Sheet 6
- Volume 1, Sheet 4
- Volume 1, Sheet 11



Parcel B  
41 N 2nd Street  
Hudson, NY 12534

Inquiry Number: 7387626.4  
July 12, 2023

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

07/12/23

**Site Name:**

Parcel B  
41 N 2nd Street  
Hudson, NY 12534  
EDR Inquiry # 7387626.4

**Client Name:**

SESI Consulting Engineers  
959 Route 46E 3rd Floor  
Parsippany, NJ 07054  
Contact: Annmarie Yannaco



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by SESI Consulting Engineers were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	42.256496 42° 15' 23" North
<b>Project:</b>	13045B	<b>Longitude:</b>	-73.792118 -73° 47' 32" West
		<b>UTM Zone:</b>	Zone 18 North
		<b>UTM X Meters:</b>	599631.90
		<b>UTM Y Meters:</b>	4678961.58
		<b>Elevation:</b>	56.02' above sea level

**Maps Provided:**

2019	1929, 1934
2016	1894, 1895
2013	1893
1980	
1963	
1953	
1941	
1938	

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2019 Source Sheets



Hudson North  
2019  
7.5-minute, 24000



Hudson South  
2019  
7.5-minute, 24000

### 2016 Source Sheets



Hudson North  
2016  
7.5-minute, 24000

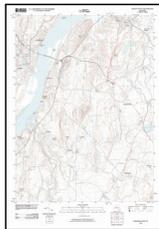


Hudson South  
2016  
7.5-minute, 24000

### 2013 Source Sheets

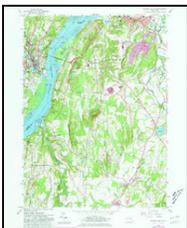


Hudson North  
2013  
7.5-minute, 24000

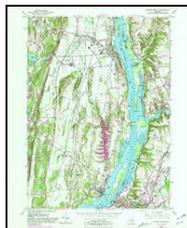


Hudson South  
2013  
7.5-minute, 24000

### 1980 Source Sheets



Hudson South  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1978



Hudson North  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1952

## **Topo Sheet Key**

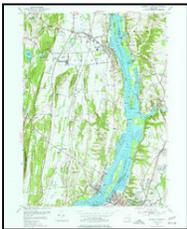
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1963 Source Sheets**



Hudson South  
1963  
7.5-minute, 24000  
Aerial Photo Revised 1962

### **1953 Source Sheets**



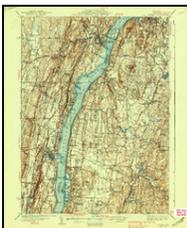
Hudson North  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

### **1941 Source Sheets**



SAUGERTIES  
1941  
15-minute, 50000

### **1938 Source Sheets**



Catskill  
1938  
15-minute, 62500

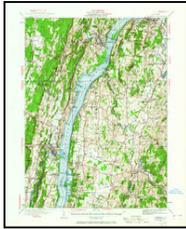
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1929, 1934 Source Sheets

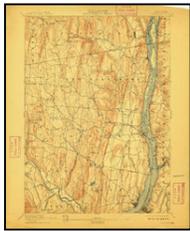


Cocksackie  
1929  
15-minute, 62500

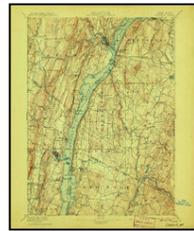


Catskill  
1934  
15-minute, 62500

### 1894, 1895 Source Sheets

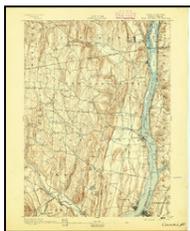


Cocksackie  
1894  
15-minute, 62500

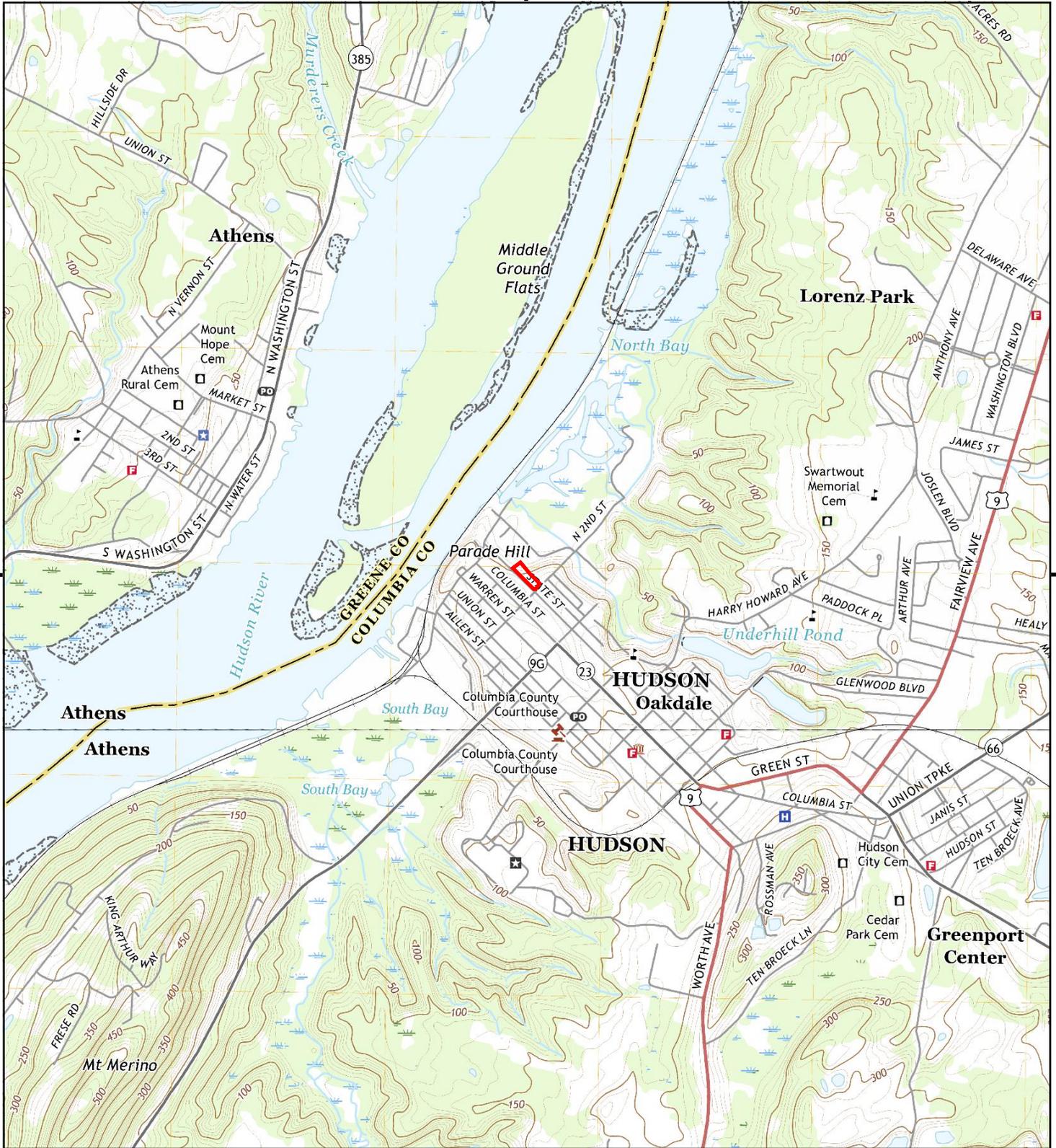


Catskill  
1895  
15-minute, 62500

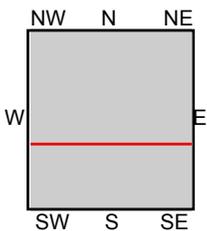
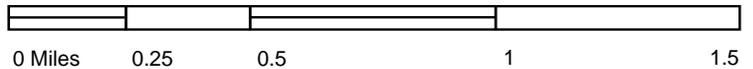
### 1893 Source Sheets



Cocksackie  
1893  
15-minute, 62500



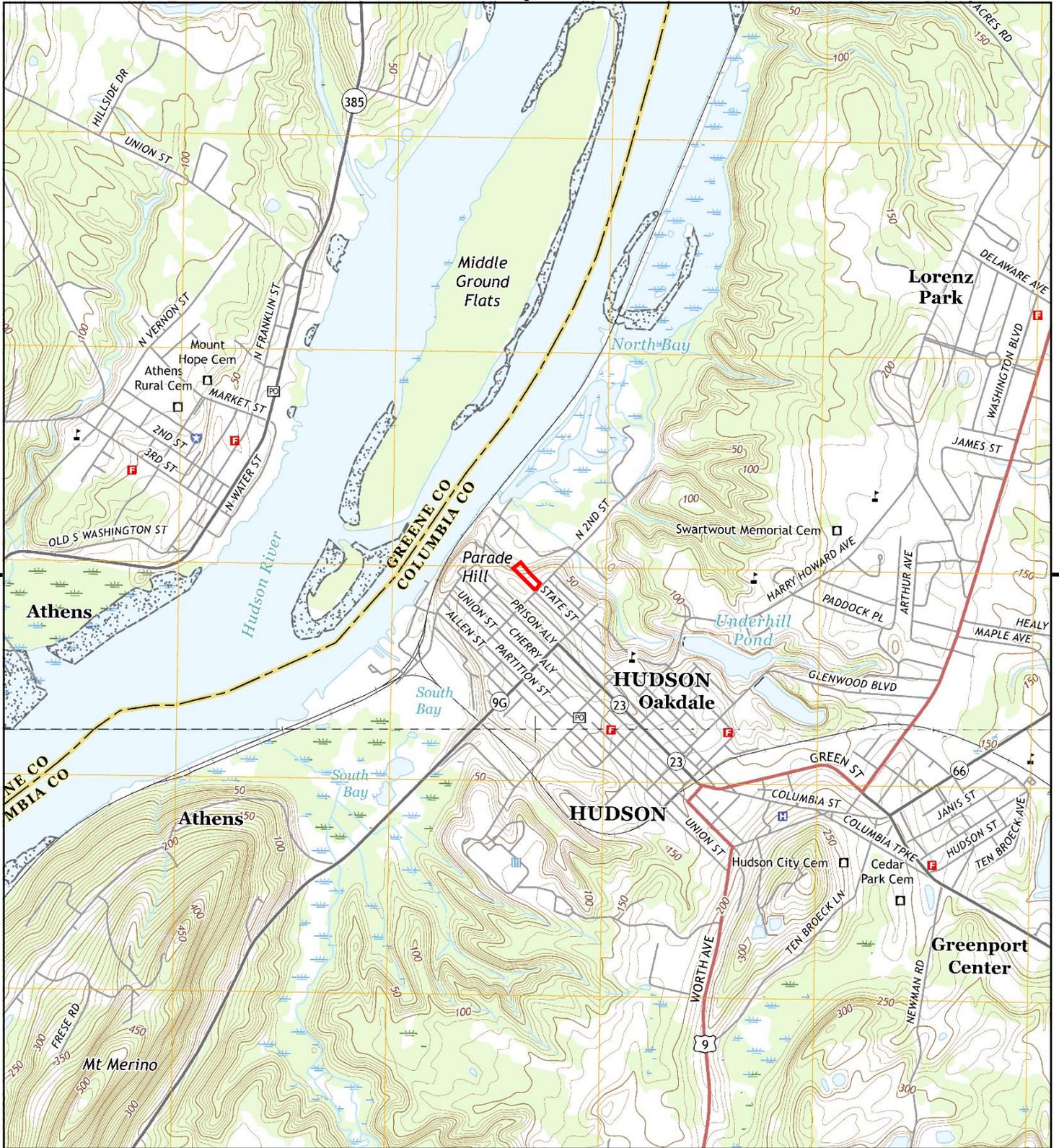
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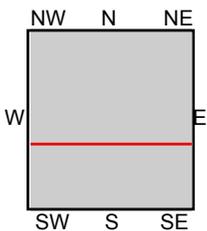
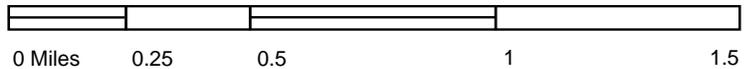
TP, Hudson North, 2019, 7.5-minute  
S, Hudson South, 2019, 7.5-minute

**SITE NAME:** Parcel B  
**ADDRESS:** 41 N 2nd Street  
Hudson, NY 12534  
**CLIENT:** SESI Consulting Engineers





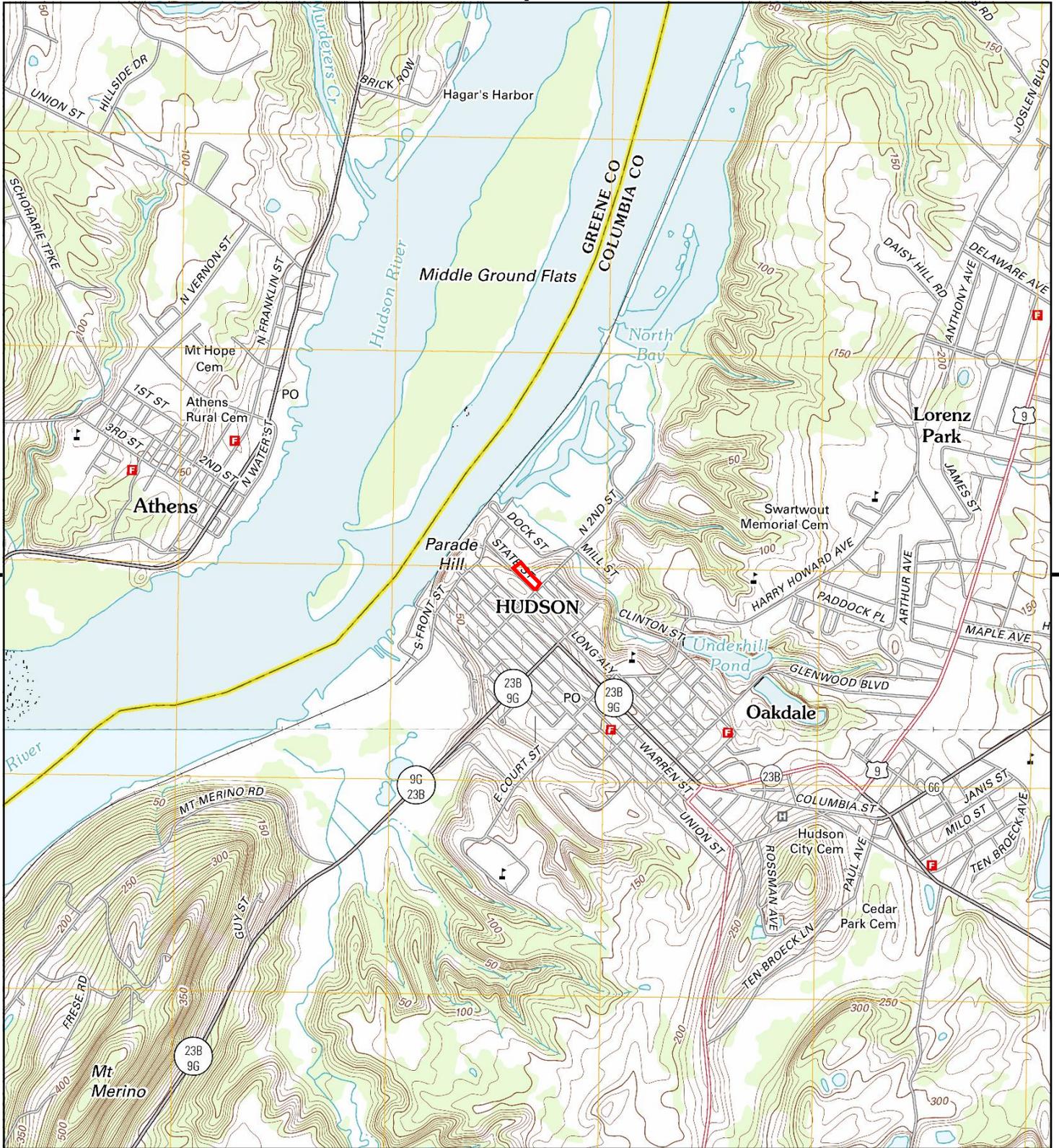
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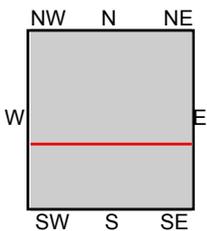
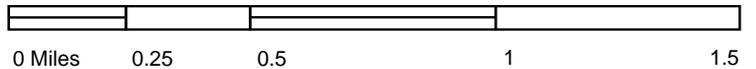
TP, Hudson North, 2016, 7.5-minute  
S, Hudson South, 2016, 7.5-minute

**SITE NAME:** Parcel B  
**ADDRESS:** 41 N 2nd Street  
Hudson, NY 12534  
**CLIENT:** SESI Consulting Engineers





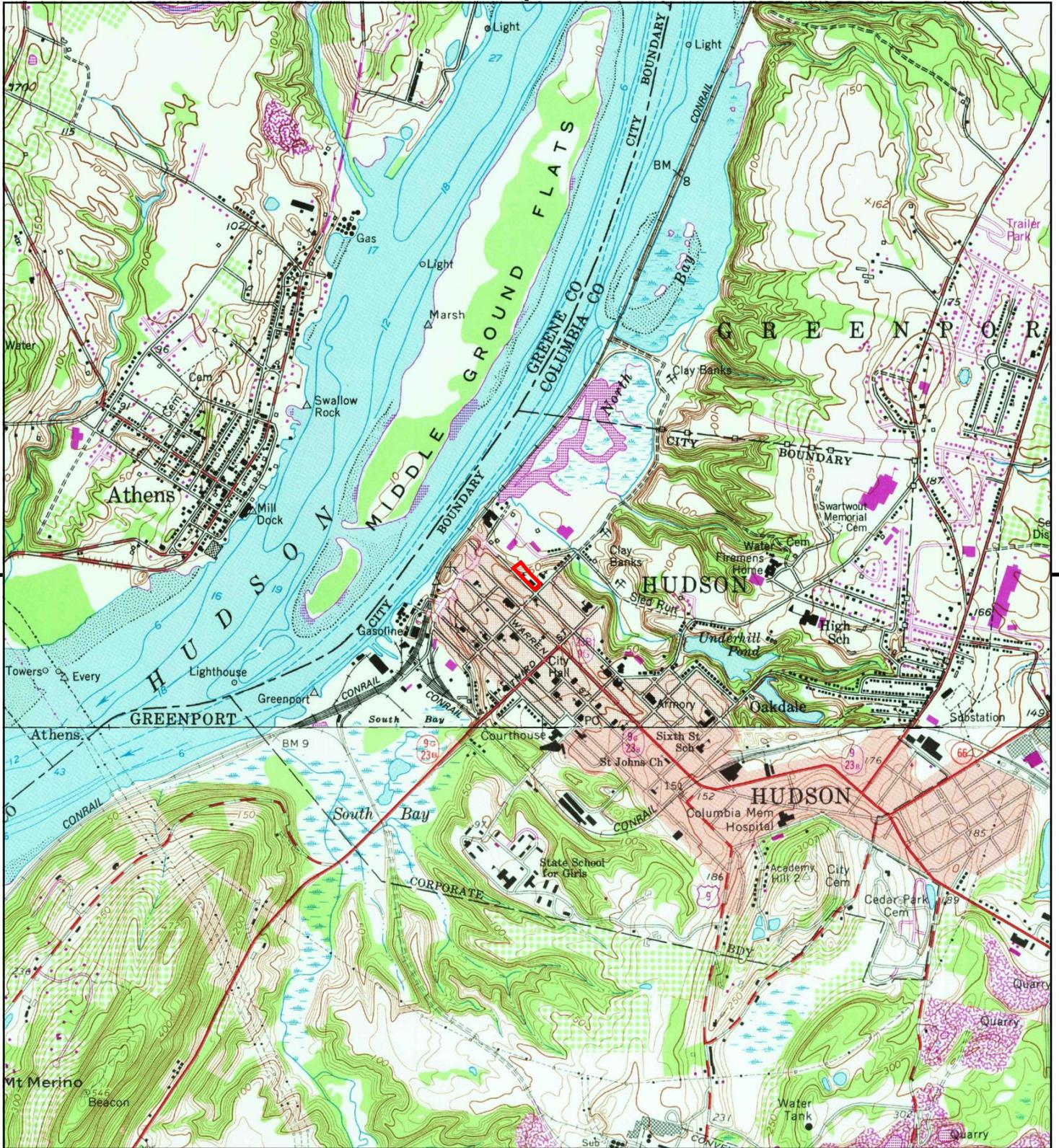
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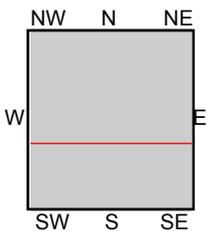
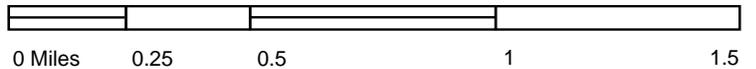
TP, Hudson North, 2013, 7.5-minute  
S, Hudson South, 2013, 7.5-minute

**SITE NAME:** Parcel B  
**ADDRESS:** 41 N 2nd Street  
Hudson, NY 12534  
**CLIENT:** SESI Consulting Engineers





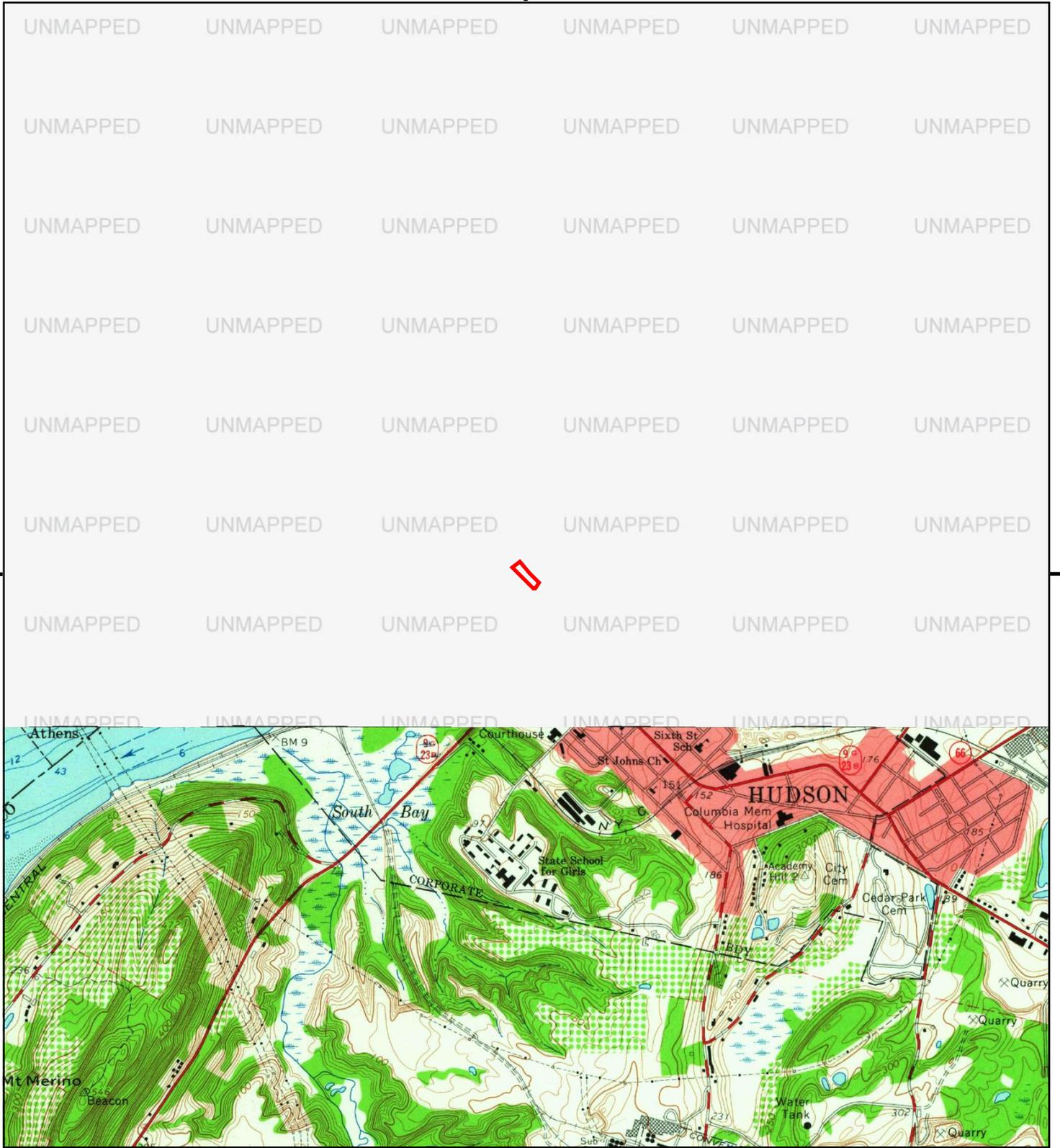
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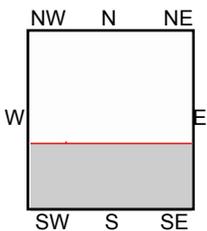
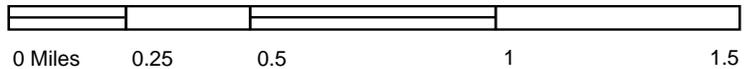
TP, Hudson North, 1980, 7.5-minute  
S, Hudson South, 1980, 7.5-minute

SITE NAME: Parcel B  
ADDRESS: 41 N 2nd Street  
Hudson, NY 12534  
CLIENT: SESI Consulting Engineers





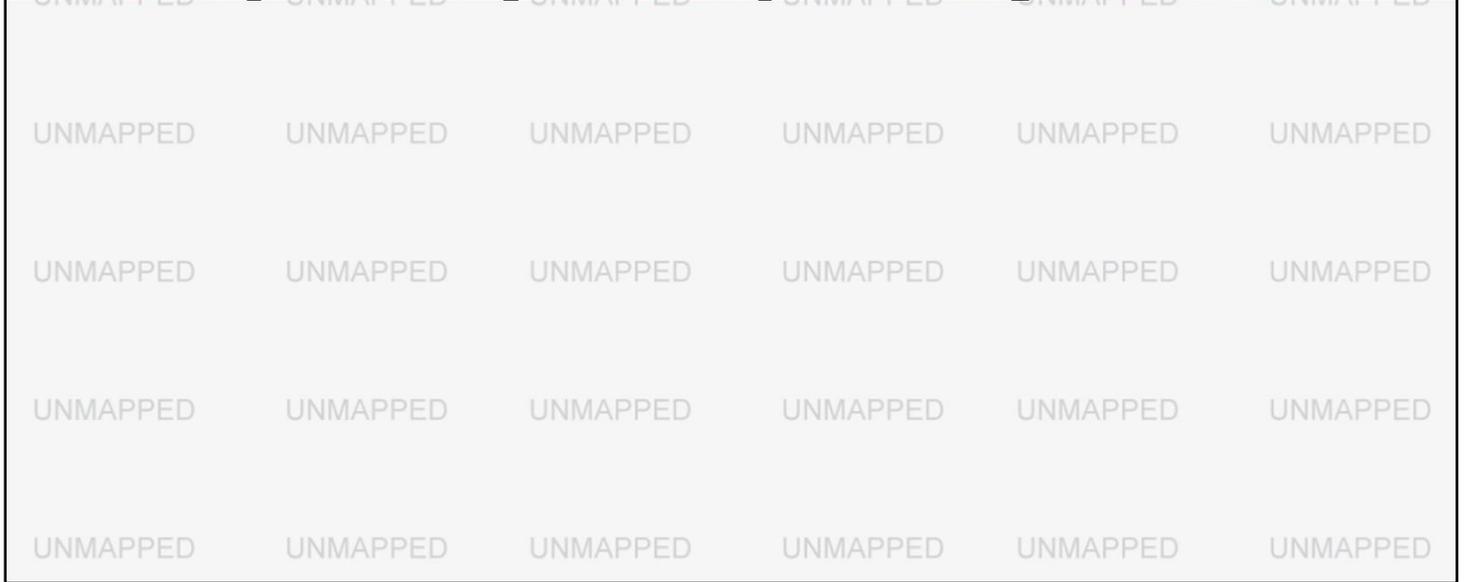
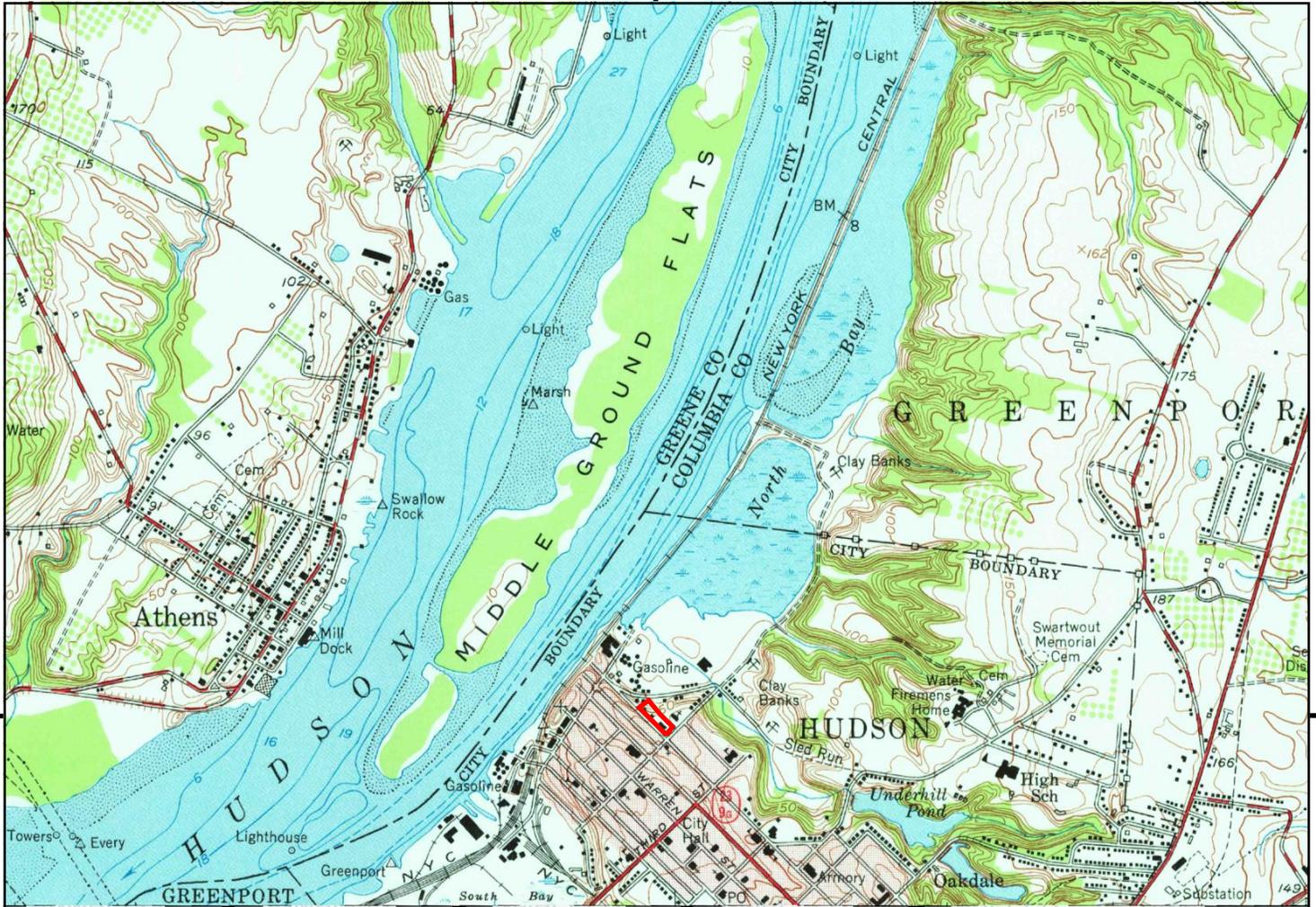
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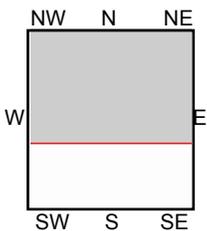
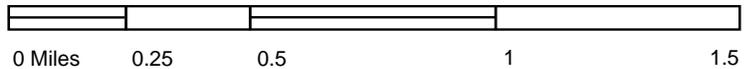
S, Hudson South, 1963, 7.5-minute

**SITE NAME:** Parcel B  
**ADDRESS:** 41 N 2nd Street  
 Hudson, NY 12534  
**CLIENT:** SESI Consulting Engineers





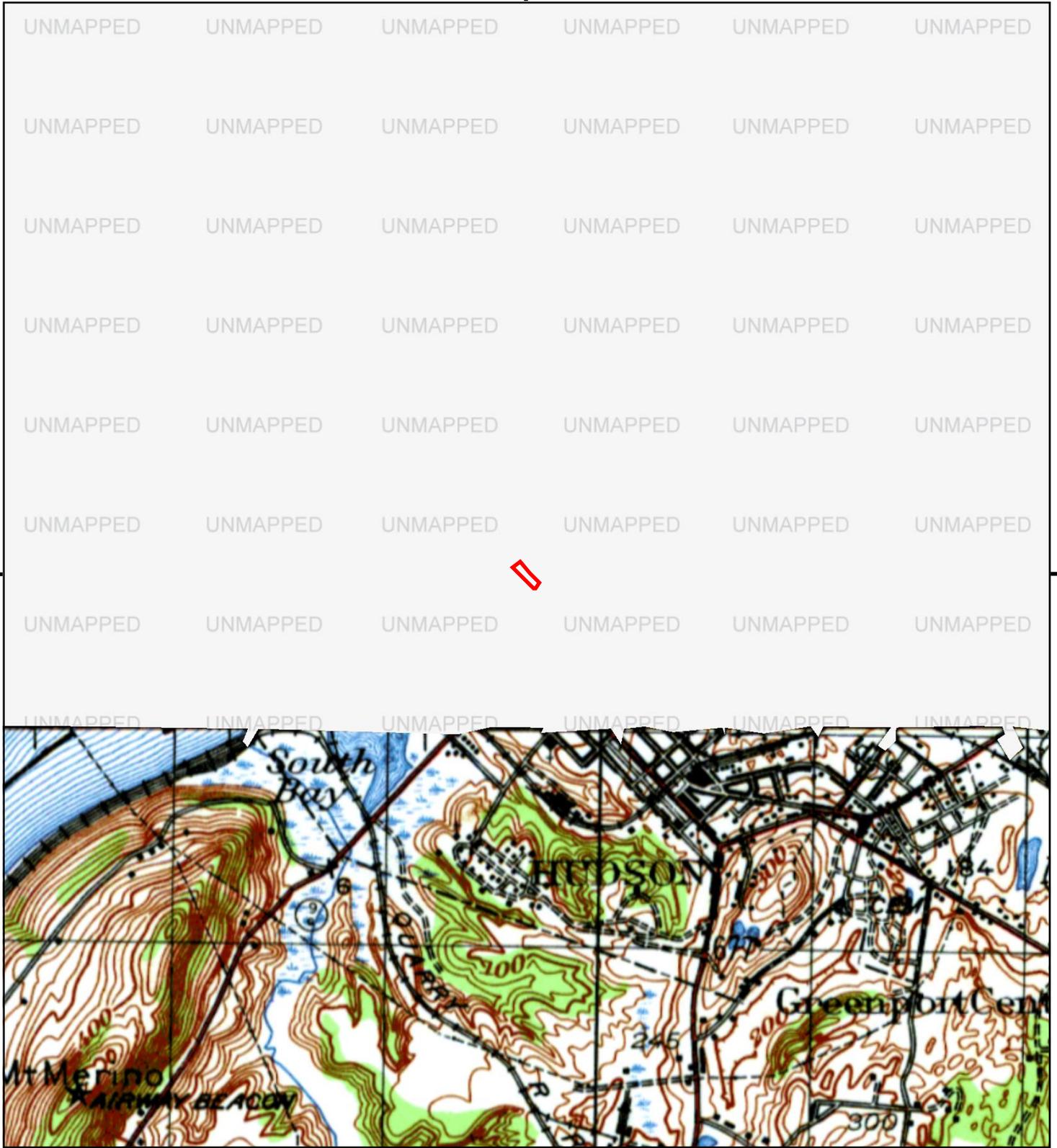
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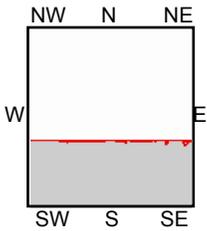
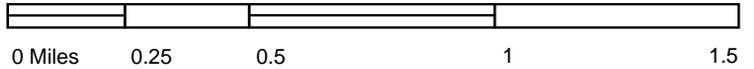
TP, Hudson North, 1953, 7.5-minute

**SITE NAME:** Parcel B  
**ADDRESS:** 41 N 2nd Street  
 Hudson, NY 12534  
**CLIENT:** SESI Consulting Engineers





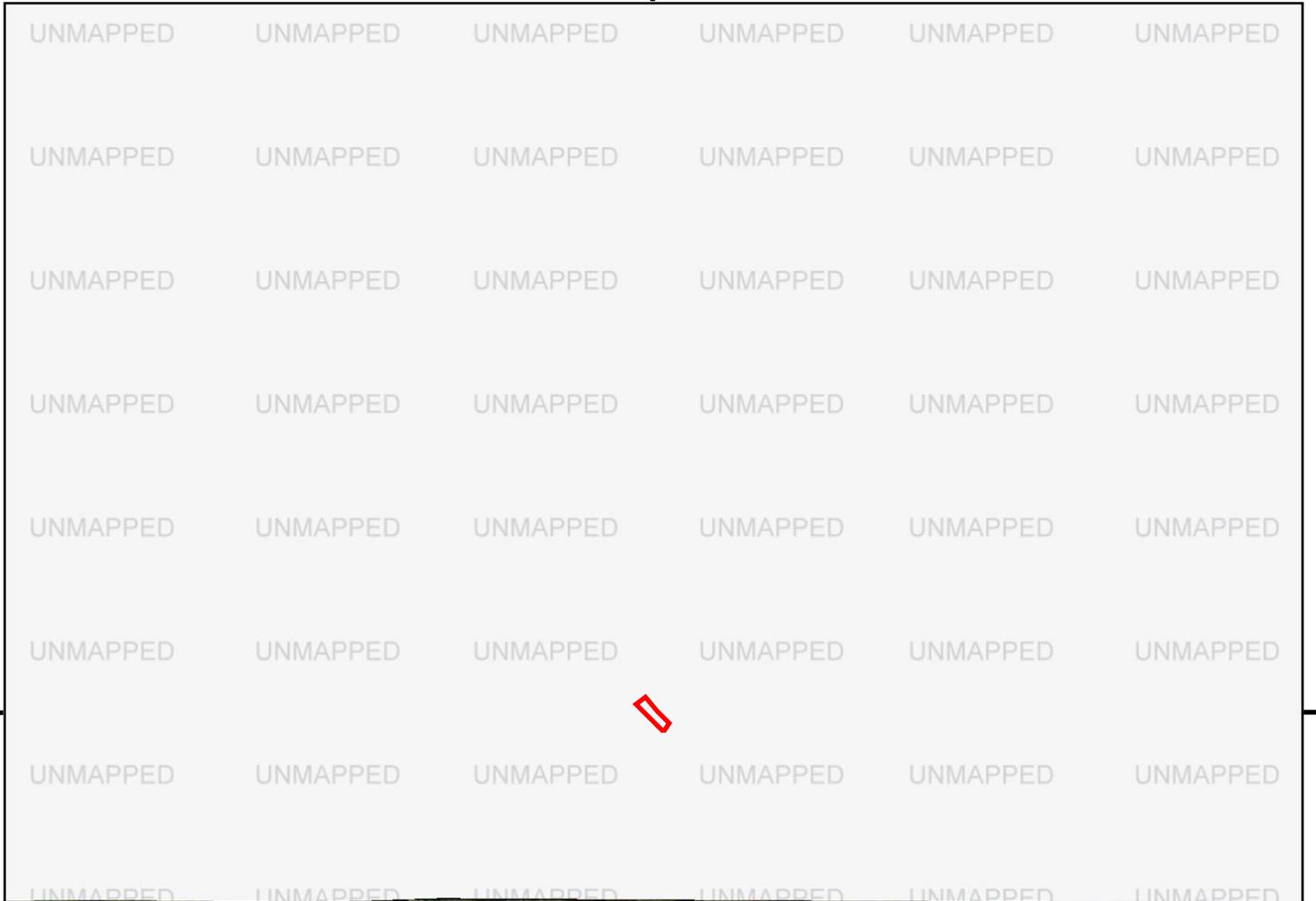
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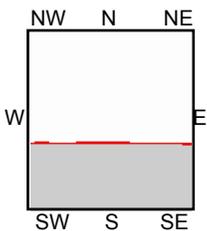
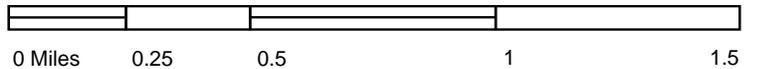
SW, SAUGERTIES, 1941, 15-minute

SITE NAME: Parcel B  
ADDRESS: 41 N 2nd Street  
Hudson, NY 12534  
CLIENT: SESI Consulting Engineers





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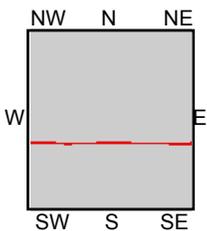
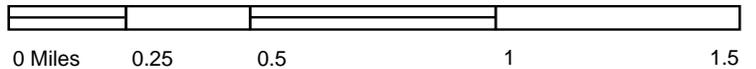
SW, Catskill, 1938, 15-minute

SITE NAME: Parcel B  
ADDRESS: 41 N 2nd Street  
Hudson, NY 12534  
CLIENT: SESI Consulting Engineers





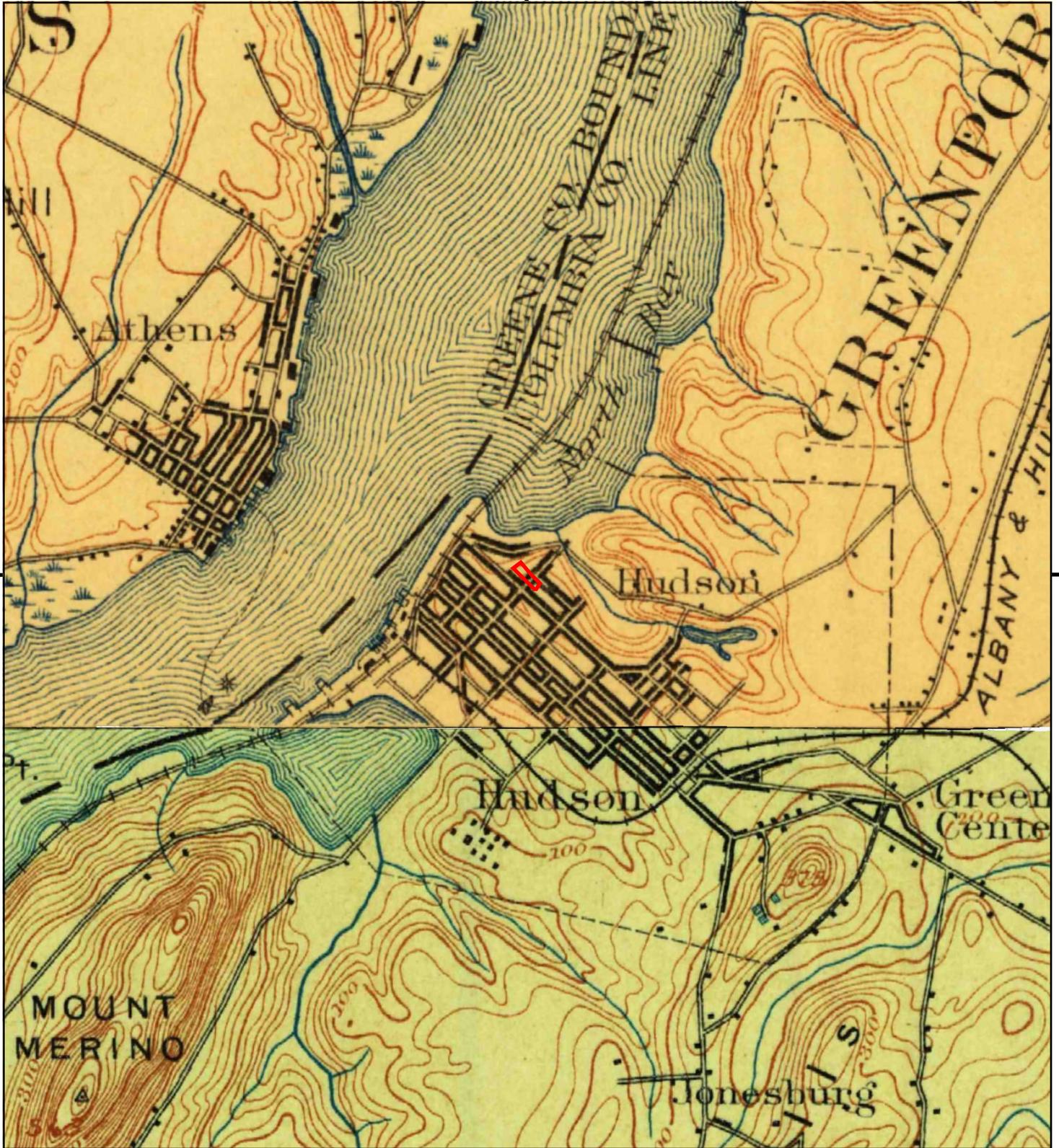
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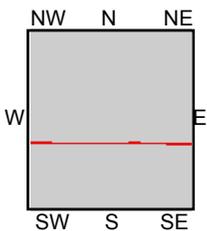
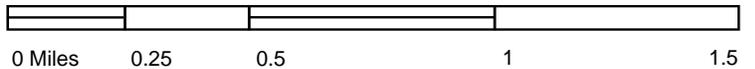
TP, Coxsackie, 1929, 15-minute  
 SW, Catskill, 1934, 15-minute

SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
 Hudson, NY 12534  
 CLIENT: SESI Consulting Engineers





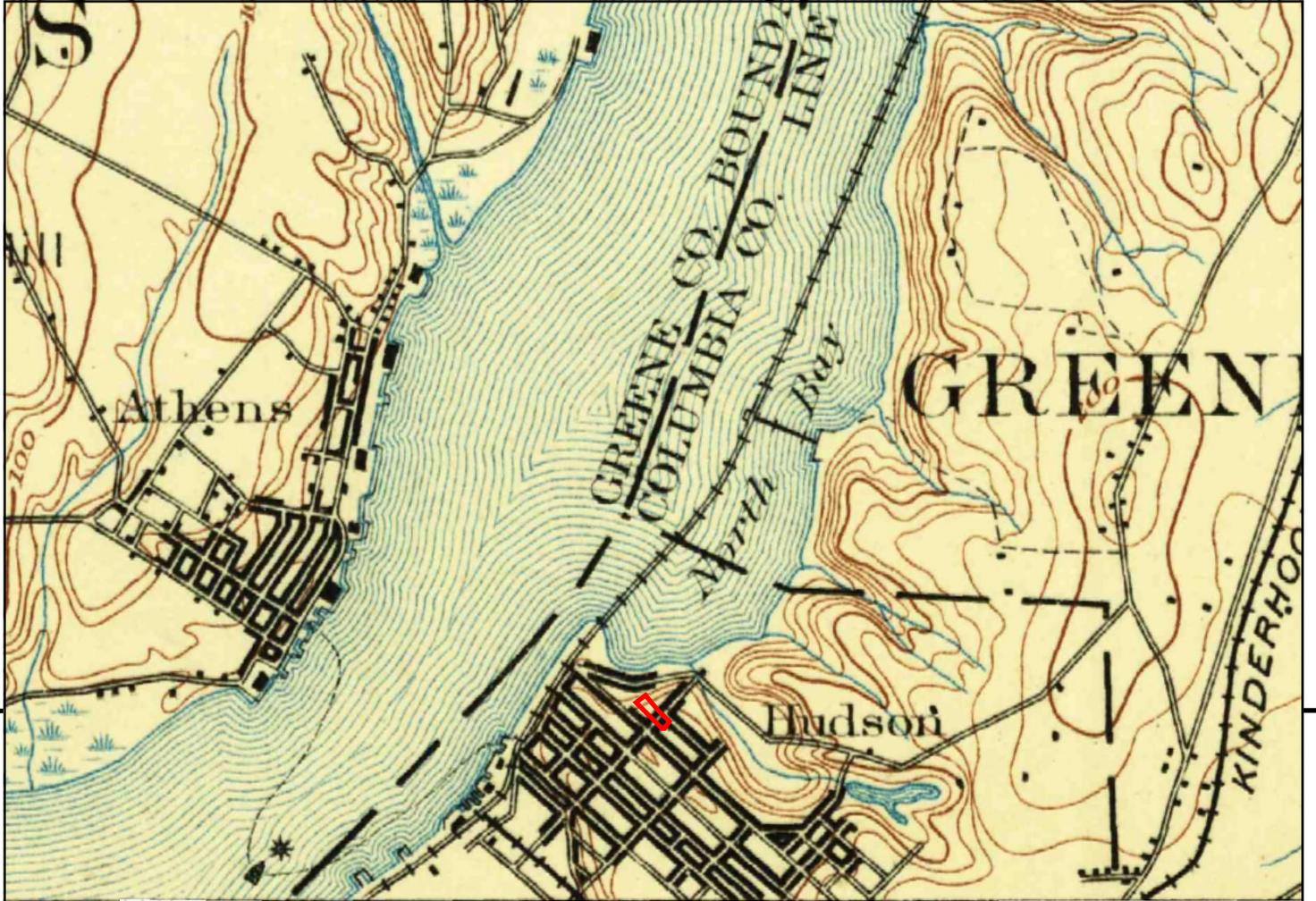
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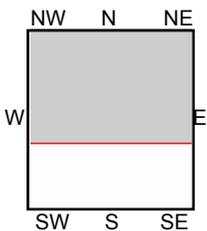
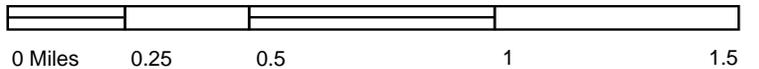
TP, Coxsackie, 1894, 15-minute  
 SW, Catskill, 1895, 15-minute

SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
 Hudson, NY 12534  
 CLIENT: SESI Consulting Engineers





This report includes information from the following map sheet(s).



TP, Coxsackie, 1893, 15-minute

SITE NAME: Parcel B  
 ADDRESS: 41 N 2nd Street  
 Hudson, NY 12534  
 CLIENT: SESI Consulting Engineers



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**Appendix B:**  
User Questionnaire

---

Phase I Environmental Site Assessment

**Phase I Environmental Site Assessment  
Questionnaire  
For ASTM E 1527-21**

According to the American Society for Testing and Materials (ASTM) standard practice for environmental site assessments (Designation: E 1527-21) "All Appropriate Inquiry" (AAI) (40 CRF 312.20) standard, the client must provide the following information (if available) to the environmental consultant during a Phase I Environmental Site Assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

**Client/Responsible Party Information (person completing this questionnaire) :**

Name: Jeffrey Dodson  
Title: Executive Director, Hudson Housing Authority ("HHA")  
Interest to Property: HHA/HHA affiliate is owner and property manager of sites  
Ownership/Operational Duration: HHA ownership since 1965  
Street Address: 41 North Second Street  
City: Hudson  
State: NY  
Phone: 518-828-5415

**Property Owner/Tenant Site Information:**

Company Name: HHA  
Description of Operations: HHA/HHA affiliate is owner and property manager of sites  
Ownership/Operational Duration: 1965  
Street Address: 41 North Second Street  
Township: \_\_\_\_\_  
City: Hudson  
County/State: Columbia County, NY  
Size of Property: A=2.995 acres; B=1.412 acres  
Block/Lot: \_\_\_\_\_  
Phone: 518-828-5415  
Contact: Jeffrey Dodson

I, Jeffrey E. Dodson, to the best of my knowledge, have truthfully provided the information herein.  
(FULL NAME)

  
SIGNATURE

7/18/23  
DATE

**Identification of the site contact and how the contact can be reached (person who will conduct or conducted the site walk and/or will provide or provided access):**

Mike Ester  
SITE CONTACT NAME

518-567-4757  
CONTACT INFORMATION

## Phase I Environmental Site Assessment

### 1. ENVIRONMENTAL CLEANUP LIENS/OTHER LIENS

- a. Are there any environmental cleanup liens/and or other liens that are filed or recorded against the subject property in any applicable jurisdiction?

Not to my knowledge

### 2. ACTIVITY OR USE LIMITATIONS AND WETLANDS

- A) Are you aware of any environmental restrictions/limitations to the use of the subject property? (i.e. Engineering or Institutional Controls)

No

- i) If yes, please explain.

- ii) Can you provide any lien or deed restriction paperwork (ie. deed notice or environmental lien)?

- B) Is any of the subject property to your knowledge used as a child-care facility or are plans in place to have a child-care facility on-site?

Not currently used as child-care facility, but proposed plans may include child care or YMCA

- C) Are there any wetlands or marshlands at the site to your knowledge?

No

### 3. COMMONLY KNOW OR REASONABLE ASCERTAINABLE INFORMATION ABOUT THE PROPERTY

- A) Do you have any knowledge of the past uses of the property?

Possible use as junkyard prior to 1965

- i) If so, please explain (dates or tenant contracts should be collected if available for any commercial or industrial uses).

no other information available

- ii) Has the property ever been used for industrial purposes?

Possible use as a junkyard

- a. If yes can you provide the NAICS code for the industrial use?

423930

- B) Do you know of any Environmental Spills Incident Numbers or Notices of Violation? (i.e., tank removals/Unregulated Heating Oil Tank removals)? No

## Phase I Environmental Site Assessment

- i) If yes, please provide information or available paperwork (ie. former reports or incident numbers)
- C) Do you know if the site has been subject to an environmental cleanup or received a Closure Approval (No Further Action) or other Environmental Outcome in the past?  
No/Unknown
- D) Do you know of any underground storage tanks (USTs), aboveground storage tanks (ASTs) and/or septic tanks?  
No/Unknown
- E) Do any buildings on the site have a basement or crawlspace?  
No
- F) Does the site use/have an incinerator, compactor, or dumpster? (This should include any cooking oil containers or other media.)  
Yes, compactor and dumpster; No incinerator
- G) How is heating and cooling supplied to the site?      Natural Gas
- a. If by oil, name of usual supplier:
- b. If by gas, name of utility company:  
National Grid
- c. If by electric, name of utility company:  
National Grid
- H) How is water supplied to the site?
- a. Local municipal hookup?  
i. If so, name of provider:  
Municipal Water
- b. Potable Well?      No  
i. If so, well number/designation and location:
- I) Is any portion of the site prone to flooding or has had a significant flood?  
No

#### 4. ADJOINING PROPERTIES

- A) Have any of the adjoining properties been used for Industrial purposes currently or in the past? Sites A and B adjoin; Both may have been used previously as junkyards prior to 1965
- i) If yes, please provide compass direction and name (if known) of the property.

## Phase I Environmental Site Assessment

- B) Have any of the adjoining properties been used as a gas station, dry cleaner or auto shop currently or in the past?

No/Unknown

- i) If yes, please provide compass direction and name (if known) of the property.

- C) Have any of the adjoining properties been used for commercial purposes currently or in the past?

No/Unknown

- i) If yes, please provide compass direction and name/ industry (if known) of the property.

- D) Have any adjoining properties been used as a school currently or in the past?

No/Unknown

- i) If yes, please provide compass direction and name (if known) of the property.

- E) Are any of the adjoining properties currently or in the future (to your knowledge) a child-care facility?

Other than Sites A or B, no/unknown

- i) If yes, please provide compass direction and name (if known) of the property.

### 5. ENVIRONMENTAL SITE CONDITIONS

- A) Are there any present environmental conditions at the site that may prove an obvious threat to the environment or human health?

Unknown-potential asbestos in existing building; potential for soil contamination

- B) Do you have any chemical storage areas?

No

- C) Do you have any drum storage areas?

No

- D) Do you have any USTs or ASTs not related to heating?

No/Unknown

- E) Do you have any of the following at or on the site:

- a. On-site dry cleaning or washing machine facilities?

Laundry facilities on site

## Phase I Environmental Site Assessment

- b. Landfills or known fill areas?  
No
- c. Machinery or equipment that uses hazardous or petroleum compounds?  
Roof motors and elevators utilize oil lubrication
- d. Dust collectors?  
No
- e. Spray booths?  
No
- f. Floor drains or sumps?  
Yes, floor drains in laundry rooms and garbage/compactor room; no sump
- g. Other machinery or equipment?  
No

### 7. ADDITIONAL PERTINENT INFORMATION

A) Please provide the reason why the Phase I is required (i.e., sale, purchase, transfer, due diligence, cessation of operation, off-site source of groundwater contamination).

Redevelopment of Project Sites

B) Please provide the complete and correct address or addresses for the property (any previous surveys maps or any change in tax lot and blocks that are proposed or not yet recorded at the local/county municipality or re-zoning plans):

41 North Second Street, Hudson, NY

C) Any additional services or out-of-scope services you wish to be provided in addition to the standard set of services (mold assessment/asbestos assessment/geotechnical/lead-based paint/indoor or sub-slab air sampling):

TBD

D) Please identify all parties to your knowledge who will rely on this ESA?  
(excluding regulatory agencies)

Hudson Housing Authority and Mountco Construction and Development Corp in addition to regulatory agencies

E) Please provide any former Phase I or Phase II reports, incident reports, state records, reports, current or former permits for the operation of machinery, tank registration documents, AIRS permits, or other environmental permits.

Not currently available

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**Appendix C:**  
Environmental Record Search Requests  
and Information Requests

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Search

Tools

**DEC Information Layers**

Environmental Quality Outdoor Activity

Permits and Registrations

**Environmental Cleanup**

Check / Uncheck all **i** Layer Information

 Remediation Parcels

 Remediation Sites

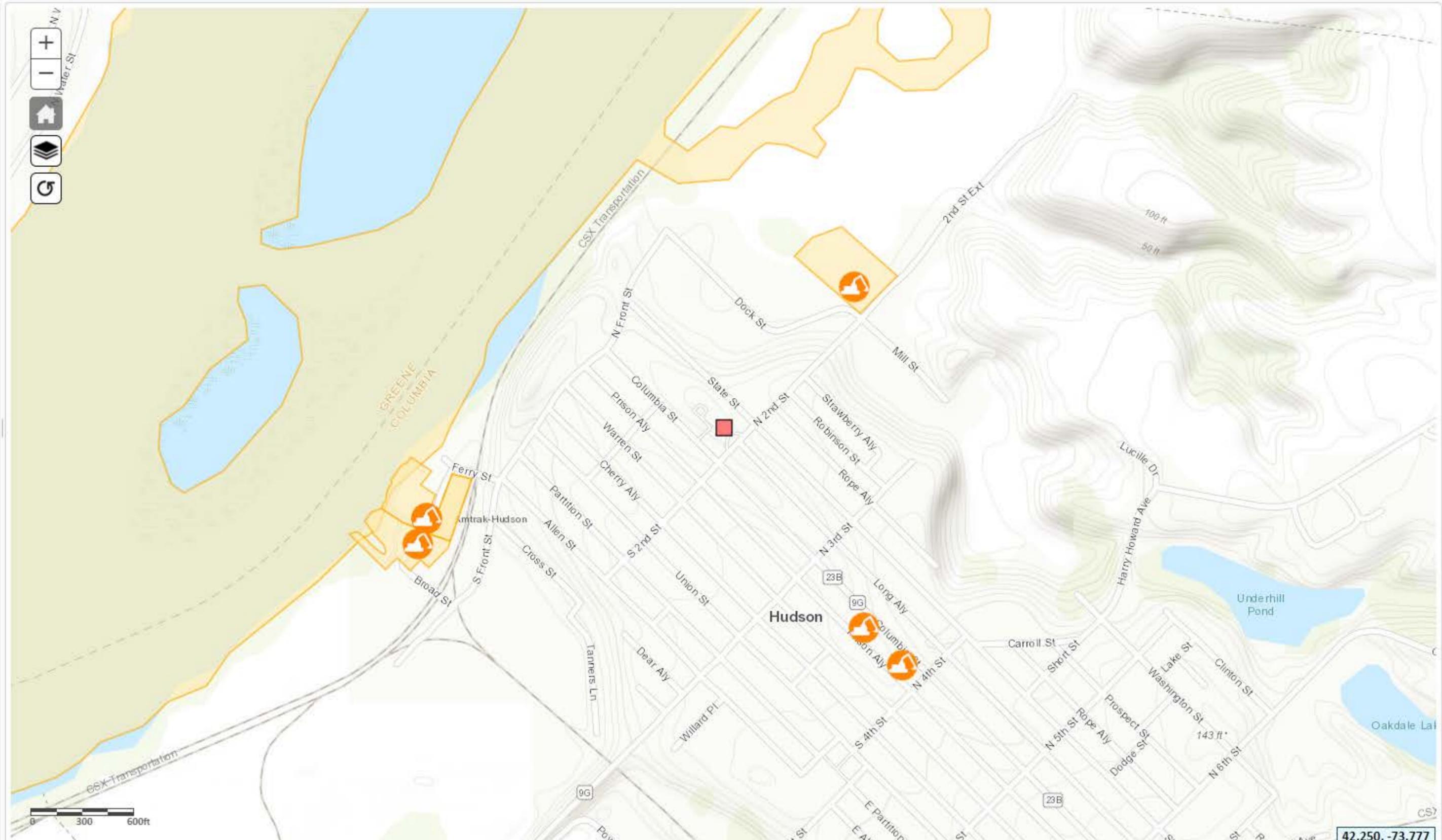
Environmental Monitoring

Public Involvement

Environmentally Sensitive Areas

Legal Information

Reference Layers



# ENVIROFACTS Search | US EPA

FACILITY INFORMATION	ICIS-Air	ACRES	BR	SEMS	GHG	ICIS-NPDES	RADInfo	RCRAInfo	TRI	TSCA
ADVANCED RECYCLING TECHNOLOGIES 41B CROSS ST (2ND FLOOR) HUDSON, NY 12534-3104 Latitude: 42.25292 Longitude: -73.79553										<a href="#">ViewReport</a>
C S X TRANSPORTATION INC BROAD & WATER STS HUDSON, NY 12534 Latitude: 42.253446 Longitude: -73.799369										<a href="#">ViewReport</a>
CITY OF HUDSON WATERFRONT WATER ST HUDSON, NY 12534 Latitude: 42.255109 Longitude: -73.798593		<a href="#">ViewReport</a>								
COLUMBIA COUNTY PLANNING DEPT 414 UNION ST HUDSON, NY 12534 Latitude: 42.25016 Longitude: -73.78904										<a href="#">ViewReport</a>
E A MORSE & CO INC/ DAGWELL BR 5 DOCK ST HUDSON, NY 12534-2002 Latitude: 42.25821 Longitude: -73.79262										<a href="#">ViewReport</a>
HIGH TECHNOLOGY COMPUTERS N SECOND ST EXTENSION HUDSON, NY 12534 Latitude: 42.25853 Longitude: -73.78806										<a href="#">ViewReport</a>
HUDSON CITY SCHOOL DIST 400 STATE ST HUDSON, NY 12534 Latitude: 42.25237 Longitude: -73.78702										<a href="#">ViewReport</a>
HUDSON OPERA HOUSE 327 WARREN ST HUDSON, NY 12534 Latitude: 42.25234 Longitude: -73.7903										<a href="#">ViewReport</a>
HUDSON STOCKPILE SOUTH FRONT STREET EXTENSION HUDSON, NY 12534 Latitude: 42.251639 Longitude: -73.799306						<a href="#">ViewReport</a>				

FACILITY INFORMATION	ICIS-Air	ACRES	BR	SEMS	GHG	ICIS-NPDES	RADInfo	RCRAInfo	TRI	TSCA
NYSDEC HUDSON CREOSOTE SITES WATER & RIVER STS HUDSON, NY 12534 Latitude: 42.25479 Longitude: -73.79877										<a href="#">ViewReport</a>
RECORD PRINTING & PUBG CO 366 WARREN ST HUDSON, NY 12534-2419 Latitude: 42.25137 Longitude: -73.78898										<a href="#">ViewReport</a>
WATERFRONT DOCK 175 SOUTH FRONT ST HUDSON, NY 12534 Latitude: 42.251 Longitude: -73.8										<a href="#">ViewReport</a>

**From:** [New York DEC FOIL Center](#)  
**To:** [Annmarie Yannaco](#)  
**Subject:** FOIL Request :: W118397-071223  
**Date:** Wednesday, July 12, 2023 2:04:13 PM

---

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Dear Annmarie:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 7/12/2023 and given the reference number FOIL #W118397-071223 for tracking purposes. You may expect the Department's response to your request no later than **8/9/2023**.

Record Requested: **Site Address: 41 North 2nd Street Parcel B, Hudson, New York 12534 Site Parcels: 100600-109.35-2-19** This parcel has the same lot number as the parcel across the street. This parcel is bordered to the south by State Street and to the east by North Second Street. I have attached a map for clarity. As part of a Phase I Environmental assessment, SESI requests the following: **Documentation of storage tank operation, illegal dumping; hazardous material storage or use; documented release(s), spills or discharges of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling. Please also provide previous assessment records/assessment cards, building department permits, tax and zoning maps, and any construction/development records or year that the current building was constructed. Electronic copies are preferred, if possible.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

[Click here to login to the FOIL Center.](#)

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: [https://link.edgepilot.com/s/1beeae48/\\_kuWM0-BZEmj6xh27C-q8g?u=https://newyorkdec.govqa.us/WEBAPP/\\_rs/RequestEdit.aspx?rid=118397](https://link.edgepilot.com/s/1beeae48/_kuWM0-BZEmj6xh27C-q8g?u=https://newyorkdec.govqa.us/WEBAPP/_rs/RequestEdit.aspx?rid=118397)

# NYSDEC SPILL REPORT FORM

**DEC REGION:** 4 **SPILL NUMBER:** 1510294  
**SPILL NAME:** NAT GRID **DEC LEAD:** AXODONNE

**CALLER NAME:** BARBRA SCHIER (Barb Scheurer) **NOTIFIER'S NAME:** BARBRA SCHIER (Barb Scheurer)  
**CLR'S AGENCY:** NATIONAL GRID **NOTIFIER'S AGENCY:** NATIONAL GRID  
**CALLER'S PHONE:** (518) 433-3696 **NOTIFIER'S PHONE:** (518) 433-3696

**SPILL DATE:** 01/14/2016 **SPILL TIME:** 2:00 pm **DISPATCHER:**  
**CALL RECEIVED DATE:** 01/19/2016 **RECEIVED TIME:** 8:02 am cealekso

### SPILL LOCATION

**PLACE:** NAT GRID **COUNTY:** Columbia  
**STREET:** 41 N. 2ND ST **TOWN/CITY:** Hudson (c)  
TRANSFORMER 41 NORTH 2ND ST **COMMUNITY:** HUDSON  
**CONTACT:** BARBRA SCHIER (BARB SCHEURI **CONTACT PHONE:** (518) 433-3696

**CONT. FACTOR:** Equipment Failure **SPILL REPORTED BY:** Responsible Party  
**FACILITY TYPE:** Transformer **WATERBODY:** \_\_\_\_\_

**CALLER REMARKS:**

contained to cement pad clean up complete

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
transformer oil	Petroleum	3.00 G		
transformer oil	Petroleum	3.00 G		

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
NATIONAL GRID	41 NORTH 2ND ST HUDSON NY	BARBRA SCHIER (Barb Sci (518) 433-3696

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
----------	-----------	----------	-------	--------	-------------	-----------	---------------

**DEC REMARKS:**

01/19/16 - Stopped at site. Walked around pad mount transformer and no signs of a spill noted. Drove around building checking paved and concrete areas and no signs of a spill noted. DP

3/23/16 - per e-mail from Jeff Redfield (NG): "MINERAL OIL DIELECTRIC FLUID, NONPCB, 3gal, NG cleaned"

**PIN** **T & A** **COST CENTER**

**CLASS:** C4 **CLOSE DATE:** 03/23/2016 **MEETS STANDARDS:** True

**From:** [Annmarie Yannaco](#)  
**To:** [Kelly.Baccaro@columbiacountyny.com](mailto:Kelly.Baccaro@columbiacountyny.com)  
**Subject:** FOIL request for 41 North 2nd Street Parcel B, Hudson, New York 12534  
**Date:** Wednesday, July 12, 2023 2:11:00 PM  
**Attachments:** [Referecne10 NY061000001 HHA Site Survey 2018.10.11.pdf](#)

---

Dear Ms. Baccaro,

I am writing to submit a FOIL request. If a form was on the website, I overlooked it. I'm happy to resubmit as needed.

I am writing regarding the following:

Site Address: 41 North 2nd Street Parcel B, Hudson, New York 12534

Site Parcels: 100600-109.35-2-19

This parcel has the same lot number as the parcel across the street. This parcel is bordered to the south by State Street and to the east by North Second Street.

As part of a Phase I Environmental assessment, SESI requests the following: Documentation of storage tank operation, illegal dumping; hazardous material storage or use; documented release(s), spills or discharges of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling. Please also provide previous assessment records/assessment cards, building department permits, tax and zoning maps, and any construction/development records or year that the current building was constructed. Electronic copies are preferred, if possible.

My name and request might look familiar. This is the second for this property, which has the same number for Parcel A and B. I have attached a map.

Thank you.

Best,

Annmarie

**From:** [Baccaro, Kelly](#)  
**To:** [Annmarie Yannaco](#)  
**Subject:** Re: FOIL request for 41 North 2nd Street Parcel A, Hudson, New York 12534  
**Date:** Friday, July 14, 2023 12:28:41 PM  
**Attachments:** [noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)  
[noname](#)

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Dear Annmarie:

May this email serve to acknowledge receipt of your two FOIL requests for records pursuant to the Freedom of Information Law.

Your FOIL requests will be processed by the appropriate County agency. Within twenty (20) business days, you will be advised whether your requests have been approved or denied. At that time, we will provide you with further information consistent with our decision.

~Kelly~

Kelly S. Baccaro, Clerk/FOIL Officer  
Columbia County Board of Supervisors  
401 State Street  
Hudson, NY 12534  
(P) 518-828-1527  
(F) 518-822-0684

[https://link.edgepilot.com/s/2ab189c9/C\\_SgHNLAgEaRSkXWQ4PhAg?  
u=http://www.columbiacountyny.com/](https://link.edgepilot.com/s/2ab189c9/C_SgHNLAgEaRSkXWQ4PhAg?u=http://www.columbiacountyny.com/)

*Have you "Liked" us on Facebook? Search "Columbia County Board of Supervisors"*

On Wed, Jul 12, 2023 at 10:34 AM Annmarie Yannaco <[annmarie.yannaco@sesi.org](mailto:annmarie.yannaco@sesi.org)> wrote:

Dear Ms. Baccaro,

I am writing to submit a FOIL request. If a form was on the website, I overlooked it. I'm happy to resubmit as needed.

I am writing regarding the following:

Site Address: 41 North 2nd Street Parcel A, Hudson, New York 12534

Site Parcels: 100600-109.35-2-19

This parcel has the same lot number as the parcel across the street. This parcel is bordered to the north by State Street and to the east by North Second Street. I have attached a map for reference.

As part of a Phase I Environmental assessment, SESI requests the following: Documentation of storage tank operation, illegal dumping; hazardous material storage or use; documented release(s), spills or discharges of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling. Please also provide previous assessment records/assessment cards, building department permits, tax and zoning maps, and any construction/development records or year that the current building was constructed. Electronic copies are preferred, if possible.

I will be submitting a second request for another parcel across the street; I wanted to keep things separate to prevent confusion.

Thank you.

Best,

Annmarie



Annmarie Yannaco  
Copy Editor

✉ [annmarie.yannaco@sesi.org](mailto:annmarie.yannaco@sesi.org)

☎ 973-808-9050 Ext 280

☎ 862-702-5730

📍 959 Route 46E Floor 3, Suite 300,  
Parsippany, NJ 07054



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**From:** [Cherri Hirsch](#)  
**To:** [Annmarie Yannaco](#)  
**Subject:** Acknowledgment for FOIL request for 41 North 2nd Street Parcel B, Hudson, New York 12534  
**Date:** Wednesday, July 19, 2023 9:24:47 AM

---

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Dear Ms. Yannaco,

In response to your FOIL request received by this office on 7/12/2023 to obtain “Environmental records, emergency response for 41 North 2<sup>nd</sup> Street Parcel B, Hudson, NY 12534,” please be advised that the City of Hudson is working to gather the responsive document(s) and are reviewing same to ensure disclosure is in accordance with Freedom of Information Law. To that end, the City Clerk’s Office anticipates a response to your request, either granting or denying in whole or in part, to be completed on or before 8/16/2023.

Regards,

*Cherri Hirsch*  
Account Clerk  
City Clerk's Office  
520 Warren Street  
Hudson, NY 12534  
tel. 518-828-1030  
fax. 518-828-3103



# City of Hudson

## Records Access Application

Return completed application to:  
City Clerk  
Records Access Officer  
City Hall, 520 Warren Street  
Hudson, New York 12534

(Please Print or Type)

July 12, 2023

Today's Date

Annamarie Yannaco

Name

SESI Consulting Engineers

Representing

Signature

*Annamarie Yannaco*

959 Rt. 46E, Floor 3, Suite 300

Mailing Address

Parsippany, NJ 07054

City

State

Zip

973 808 9050 ext 280

Telephone

annmarie.yannaco@sesi.org

E-Mail

I hereby apply to inspect  and/or copy  the following record(s):

Environmental records, emergency response

Record or Incident Type

41 North 2nd Street, Parcel B, Hudson NY 12534

Date of Incident (if applicable)

Incident Street Address (if applicable)

Police or Fire Report # (if applicable)

Name(s) and Date of Birth/Age of Person(s) Involved (if applicable)

Describe Record(s) in Detail

### FOR AGENCY USE ONLY

- Approved
- Partially Approved
- Denied. Reason \_\_\_\_\_
- Record not maintained by City

Records Access Officer

Date

### FOR APPEAL ONLY

If you wish to appeal the Record access Officer's decision on your application, for public access to records, sign below and send this form within 30 days:  
Mayor  
City Hall, 520 Warren St.  
Hudson, NY 12534

I hereby appeal:

Signature

Date

**Fee:** The City of Hudson may charge a fee for copies of records provided. Fees are 25¢ per page or the cost of the reproduction of said pictures, videotapes, CD's, maps, etc.

---

**Appendix D:**  
Site Photo Log

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Photo 1: View of subject property facing southeast



Photo 2: View of subject property and adjacent properties, facing northwest



Photo 3: View the subject property at the subject property facing east.



Photo 4: View of Subject Property, looking Northwest.



Photo 5: View of subject property facing southeast.



Photo 6: View of Play Area.



Photo 7: View of basketball Court



Photo 8: View of maintenance Storage Garage.



Photo 9: Interior of Storage Garage.



Photo 10: Off-Site properties to the North



Photo 11: View adjacent properties to the southwest.



Photo 12: Off-site Properties to the Southeast

## Phase II ESA

July 2, 2024

Mountco Construction & Development  
ATTN: Richard Caruso  
700 White Plains Road, Suite 363  
Scarsdale, New York 10583

Re: **Phase II Environmental Site Assessment;** Parcel B & Portion of Parcel A, 41 North 2<sup>nd</sup> Street, City of Hudson, Columbia County, New York 12534  
Tax ID #109.35-2-19 – Parcel B (Approx. 1.4 acres)  
Tax ID #109.35-2-19 – Portion of Parcel A (Approx. 0.76 acres)  
PVE File #20240218

Dear Mr. Caruso:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, dated May 15, 2024, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data, and recommendations.

## 1.0 INTRODUCTION

PVE reviewed a Phase I ESA prepared by SESI Consulting Engineers (SESI) for "Parcel A" of the subject property dated August 2023. This ESA identified the following Recognized Environmental Conditions:

1. Historic Furniture Manufacturing - Based on the EDR database, a historic manufacturing facility was documented in the 1923 map at the site.
2. Historic Junk Yard - Based on the EDR database, a historic junk yard was documented between 1949 and 1961 at the Site.
3. Historic Filling Station - Based on the EDR database review, a filling station was documented in the 1961 map at the Site. Further investigation is warranted for this REC.

PVE reviewed a Phase I ESA prepared by SESI Consulting Engineers (SESI) for the subject property dated August 2023. The following Recognized Environmental Conditions (RECs) were identified in the Phase I ESA:

1. Historic Junk Yard – Based on the User Questionnaire, the site may have been utilized as a junk yard prior to 1965. Further investigation is warranted for the REC.

Further, the historic Sandborn Fire Insurance Map review portion of the ESA identified C.H. Evans (Brewery) Malt House and a kiln on the subject property and a cooperage, icehouse with ammonia tanks, and junk yard on an adjoining, topographically up-gradient, property (known as parcel A).

PVE understands the client is interested in pursuing the New York State Department of Environmental Conservation (NYSEC) Brownfield Cleanup Program (BCP) for the remediation and redevelopment of this property. As such, PVE proposed a Phase II ESA to assess impacts to the subject property, if any. Below is a summary of field activities, analytical data, and conclusions/recommendations.

## 2.0 FIELD ACTIVITIES

### 2.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor was retained to screen the proposed soil boring locations for private utilities and/or anomalies that could obstruct drilling/sampling activities. Geophysical field activities were completed on June 6, 2024; sample locations were adjusted accordingly. No anomalies warranting bias sampling locations were observed in the areas scanned.

### 2.2 Soil Borings and Sample Collection

PVE completed a total of fourteen (14) soil borings throughout the subject property (Figure 3) from June 11 to June 13, 2024. Soil borings were installed via direct push drilling method using a track-mounted Geoprobe™ 54DT drill rig equipped with 4-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Soil borings were advanced to a maximum depth of 24.0-feet below ground surface (bgs).

The project scientist kept a detailed log of each core including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of refusal. Soil samples were screened in the field for the presence of Volatile Organic Compounds (VOCs) using a calibrated photoionization detector (PID) and headspace techniques. PVE personnel collected one (1) to two (2) soil samples from each of the soil borings for a total of twenty (20) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Target Compound List (TCL) VOCs via United State Environmental Protection Agency (USEPA) Method 8260;
- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- RCRA Metals via USEPA Method 6010/7473;
- Part 375 List Pesticides via USEPA Method 8081 (6 shallow locations/samples); &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082 (6 locations/samples).

Soil borings are summarized below:

**Boring SB-1** was advanced to 24.0 feet bgs. Soil consisted of dark gray silt, with clay, and fill. Fill material consisted of crushed brick fragments. Groundwater was not encountered at the time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 3.0-4.0 feet bgs for laboratory analysis.

**Boring SB-2** was advanced to 20.0 feet bgs. Soil consisted of brown fine, medium, coarse sand, some silt, with gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.0 feet bgs for laboratory analysis.

**Boring SB-3** was advanced to 16.0 feet bgs. Soil consisted of brown/light brown silt, with clay. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 2.0-3.0 feet bgs for laboratory analysis.

**Boring SB-4** was advanced via to 16.0 feet bgs. Soil consisted of brown fine, medium, coarse sand, some silt, some gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 2.0-3.0 feet bgs for laboratory analysis.

**Boring SB-5** was advanced to 12.0 feet bgs. Soil consisted of brown fine, medium sand, with silt, some gravel, comingled with fill. Fill material consisted of glass, brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 1.0-3.0 feet bgs for laboratory analysis.

**Boring SB-6** was advanced to 8.0 feet bgs. Soil consisted of brown fine, medium sand, with silt, some gravel, comingled with fill. Fill material consisted of brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-2.0 feet bgs for laboratory analysis.

**Boring SB-7** was advanced to 24.0 feet bgs. Soil consisted of olive gray clay, with silt, comingled with fill. Fill material consisted of glass, brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 12.0-16.0 feet bgs for laboratory analysis.

**Boring SB-8** was advanced to 16.0 feet bgs. Soil consisted of dark brown silt, with fine sand, some gravel, comingled with fill. Fill material consisted of brick fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

**Boring SB-9** was advanced to 18.4 feet bgs. Soil consisted of brown silt, with clay, with fine, medium sand, comingled with fill. Fill material consisted of brick and brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 16.0-18.0 feet bgs for laboratory analysis.

**Boring SB-10** was advanced to 12.0 feet bgs. Soil consisted of dark brown silt, some clay, little fine sand, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 5.0-6.0 feet bgs for laboratory analysis.

**Boring SB-11** was advanced to 16.0 feet bgs. Soil consisted of dark brown silt, with fine, medium sand, comingled with fill. Fill material consisted of brick, coal and coal ash. Groundwater was encountered at 12.0 feet bgs ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 10.0-12.0 feet bgs for laboratory analysis. SB-11 was converted into temporary monitoring well TMW-1.

**Boring SB-12** was advanced to 16.0 feet bgs. Soil consisted of dark brown, fine and medium sand, with silt, little gravel, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. An elevated PID reading of 43.6ppm was observed at interval 8.0-9.0 feet. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 8.0-9.0 feet bgs for laboratory analysis.

**Boring SB-13** was advanced to 24.0 feet bgs. Soil consisted of brown silt with clay, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 11.0-12.0 feet bgs for laboratory analysis.

**Boring SB-14** was advanced to 12.0 feet bgs. Soil consisted of brown silt, some fine, medium, coarse sand to brown silt with clay, comingled with fill. Fill material consisted of brick, coal fragments and ash. Groundwater was not

encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

Soil borings were backfilled with native cuttings and clean sand (as necessary). Borings through asphalt were repaired with cold patch.

### 2.3 Temporary Monitoring Well Installation and Sampling

Temporary monitoring well location, depth, and date of drilling are summarized in the table below; the location is depicted in Figure 3.

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
TMW-1 / SB-11	06/12/2024	16.0-feet	12.0-feet at time of drilling; static at 13.38-feet

The temporary monitoring well was constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser. After sampling, the well was removed and the borehole was backfilled with drill cuttings and sand.

On June 13, 2024, one (1) groundwater sample was collected from the one (1) temporary monitoring well using a peristaltic pump and dedicated tubing. Additionally, PVE collected one (1) groundwater sample from a preexisting monitoring well on the subject property, on June 11, 2024. Groundwater samples were dispensed into laboratory provided containers and delivered to a NYSDOH ELAP certified laboratory for analysis of:

- TCL VOCs via USEPA Method 8260;
- CP-51 SVOCs via USEPA Method 8270;
- RCRA Metals via USEPA Method 6010/7473; &
- PCBs via USEPA Method 8082 (MW-1 only).

### 2.4 Vapor Sampling

A total of six (6) vapor samples were collected throughout the subject property. Five (5) exterior vapor probes were installed via a track-mounted Geoprobe™ unit to a depth of 4-feet below grade surface. Probes were constructed of a stainless-steel mesh vapor probe installed at the bottom of the borehole and connected to polyethylene tubing extending to the ground surface; annular space surrounding the mesh interval was backfilled with clean filter sand while the remaining annular space was backfilled with hydrated bentonite to ground surface to create a seal. One (1) sub-slab soil vapor sample was collected through the concrete slab of the single-story garage. PVE installed the interior temporary vapor probes using a hammer drill and 5/8-inch drill bit and sealed the probe at the surface with non-VOC emitting clay. All soil vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity and demonstrate that ambient air was not being drawn into the samples being collected.

Each sample was collected in a certified clean Summa canister with a regulator set to collect a sample over a 2-hour sampling period. Samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of VOCs via USEPA Method TO-15 following standard chain-of-custody procedures.

### 3.0 RESULTS

Soil, groundwater, and soil vapor sample results are summarized in Tables 1-5, 6-9, and 10, respectively. Analytical reports are attached.

#### 3.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-5 and compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as defined in 6NYCRR Part 375. Analytical reports are attached. See Figure 3 for soil sample locations.

##### 3.1.1 VOCs

One (1) VOC (acetone) was detected in six (6) of the fourteen (14) soil samples collected and analyzed. Acetone was detected in two (2) samples at concentrations exceeding UUSCOs; acetone was not detected in either sample at concentrations exceeding RRSCOs. Exceedances are defined below:

- SB-1 (3-4-feet)
  - Acetone (0.073 mg/kg)
- SB-12 (8-9-feet)
  - Acetone (0.33 mg/kg)

##### 3.1.2 SVOCs

SVOCs were detected in twelve (12) of the fourteen (14) soil samples collected and analyzed. SVOCs were detected in three (3) of the twelve (12) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-10 (5-6-feet)
  - **Benzo(b)fluoranthene (1.2 mg/kg)**
  - **Indeno(1,2,3-cd)pyrene (0.66 mg/kg)**
- SB-11 (2-6-feet)
  - **Benzo(a)pyrene (1.1 mg/kg)**
  - **Benzo(b)fluoranthene (1.4 mg/kg)**
  - **Indeno(1,2,3-cd)pyrene (0.83 mg/kg)**
- SB-13 (11-12-feet)
  - **Benzo(a)Anthracene (1.3 mg/kg)**
  - Benzo(k)fluoranthene (0.84 mg/kg)
  - **Indeno(1,2,3-cd)pyrene (0.65 mg/kg)**

**Bold font** indicates RRSCO exceedance.

##### 3.1.3 Metals

Metals were detected in all fourteen (14) soil samples collected and analyzed. Metals were detected in thirteen (13) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-1 (3-4-feet)
  - **Lead (440 mg/kg)**
  - Selenium (4.75 mg/kg)
  - **Mercury (0.844 mg/kg)**
- SB-2 (0.5-1-foot)
  - Selenium (4.26 mg/kg)
- SB-3 (0.5-1-foot)
  - Selenium (5.58 mg/kg)
- SB-5 (1-3-feet)
  - Arsenic (14.4 mg/kg)
  - Lead (147 mg/kg)
  - Mercury (0.459 mg/kg)
- SB-6 (0.5-2-feet)
  - **Arsenic (21.6 mg/kg)**
  - **Barium (508 mg/kg)**
  - Cadmium (2.88 mg/kg)
  - **Lead (1,060 mg/kg)**
  - **Mercury (1.01 mg/kg)**
- SB-7 (12-16-feet)
  - Lead (173 mg/kg)
  - Selenium (4.07 mg/kg)
  - Mercury (0.880 mg/kg)
- SB-8 (4-6-feet)
  - Arsenic (14.1 mg/kg)
  - Lead (329 mg/kg)
  - Selenium (4.26 mg/kg)
  - Mercury (0.620 mg/kg)
- SB-9 (5-8-feet)
  - Arsenic (14.5 mg/kg)
  - Lead (257 mg/kg)
  - Mercury (0.790 mg/kg)
- SB-10 (5-6-feet)
  - **Arsenic (17.9 mg/kg)**
  - Lead (273 mg/kg)
  - **Mercury (0.944 mg/kg)**
- SB-11 (10-12-feet)
  - **Arsenic (40.1 mg/kg)**
  - **Barium (535 mg/kg)**
  - Chromium, Total (34.9 mg/kg)
  - **Lead (735 mg/kg)**
  - Selenium (6.56 mg/kg)
  - **Mercury (1.35 mg/kg)**
- SB-12 (8-9-feet)
  - **Arsenic (28.6 mg/kg)**
  - Lead (333 mg/kg)
  - Mercury (0.444 mg/kg)

- SB-13 (11-12-feet)
  - **Arsenic (38.5 mg/kg)**
  - **Barium (550 mg/kg)**
  - Chromium, Total (54.6 mg/kg)
  - **Lead (412 mg/kg)**
  - Selenium (7.41 mg/kg)
  - Mercury (0.348 mg/kg)
- SB-14 (4-8-feet)
  - Lead (350 mg/kg)
  - Mercury (0.539 mg/kg)

**Bold** font indicates RRSCO exceedance.

#### **3.1.4 Pesticides**

Pesticides were not detected in any of the six (6) soil samples collected for analysis of pesticides.

#### **3.1.5 PCBs**

PCBs were not detected in any of the six (6) soil samples collected for analysis of PCBs.

### **3.2 Groundwater Samples**

Groundwater sample results are summarized in Table 6-9 and compared to Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Analytical reports are attached. See Figure 3 for groundwater sampling locations.

#### **3.2.1 VOCs**

VOCs were detected in both groundwater samples collected and analyzed. No VOCs were detected at concentrations exceeding Class GA GQS.

#### **3.2.2 SVOCs**

SVOCs were not detected in either groundwater sample collected for analysis.

#### **3.2.3 Metals**

Metals were detected in both groundwater samples collected and analyzed. One (1) metal was detected at a concentration exceeding its Class GA GQS. The exceedance is defined below:

- TWM-1
  - Selenium (0.0115 mg/L)

#### **3.2.4 PCBs**

PCBs were not detected in the groundwater sample collected for analysis of PCBs.

### 3.3 Vapor Samples

Analytical results from soil vapor samples are summarized in Table 10 and compared to NYSDOH Decision Matrices as defined in *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (February 2024)*. Analytical reports are attached. See Figure 3 for soil vapor sampling locations.

According to the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)* and subsequent amendments, twenty-one (21) compounds are regulated by NYSDOH: 1,1-Dichloroethene (1,1-DCE); Cis-1,2-Dichloroethene (Cis-1,2-DCE); Vinyl Chloride (VC); 1,1,1 – Trichloroethane (1,1,1-TCA); Carbon Tetrachloride; Methylene Chloride; Tetrachloroethylene (PCE); Trichloroethylene (TCE); Benzene; Ethylbenzene; Naphthalene; Cyclohexane; Isooctane (2,2,4-Trimethylpentane); 1,2,4-Trimethylbenzene; 1,3,5-Trimethylbenzene; o-Xylene; m-Xylene; p-Xylene; Heptane; Hexane; and Toluene. The following NYSDOH-regulated compounds were detected in the vapor samples collected:

- SSV-1
  - 1,2,4-Trimethylbenzene (29 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (8.6 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (3.41 µg/m<sup>3</sup>)
  - Benzene (19 µg/m<sup>3</sup>)
  - Cyclohexane (12 µg/m<sup>3</sup>)
  - Ethylbenzene (60 µg/m<sup>3</sup>)
  - m,p-Xylene (85 µg/m<sup>3</sup>)
  - N-Heptane (14 µg/m<sup>3</sup>)
  - N-Hexane (29 µg/m<sup>3</sup>)
  - O-Xylene (1,2-Dimethylbenzene) (35 µg/m<sup>3</sup>)
  - Toluene (100 µg/m<sup>3</sup>)
- SV-1
  - 1,2,4-Trimethylbenzene (29 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (7.4 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (2.82 µg/m<sup>3</sup>)
  - Benzene (7.3 µg/m<sup>3</sup>)
  - Cyclohexane (2.8 µg/m<sup>3</sup>)
  - Ethylbenzene (76 µg/m<sup>3</sup>)
  - m,p-Xylene (72 µg/m<sup>3</sup>)
  - Naphthalene (5.5 µg/m<sup>3</sup>)
  - N-Heptane (8.5 µg/m<sup>3</sup>)
  - N-Hexane (12 µg/m<sup>3</sup>)
  - O-Xylene (1,2-Dimethylbenzene) (25 µg/m<sup>3</sup>)
  - Toluene (60 µg/m<sup>3</sup>)
  - Trichloroethylene (TCE) (0.29 µg/m<sup>3</sup>)
  - Vinyl Chloride (0.56 µg/m<sup>3</sup>)
- SV-2
  - 1,2,4-Trimethylbenzene (25 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (6.5 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (5.18 µg/m<sup>3</sup>)
  - Benzene (12 µg/m<sup>3</sup>)
  - Cyclohexane (4.5 µg/m<sup>3</sup>)
  - Ethylbenzene (88 µg/m<sup>3</sup>)

- m,p-Xylene (81 µg/m<sup>3</sup>)
- Naphthalene (3.6 µg/m<sup>3</sup>)
- N-Heptane (9.2 µg/m<sup>3</sup>)
- N-Hexane (11 µg/m<sup>3</sup>)
- O-Xylene (1,2-Dimethylbenzene) (28 µg/m<sup>3</sup>)
- Toluene (79 µg/m<sup>3</sup>)
- Trichloroethylene (TCE) (0.64 µg/m<sup>3</sup>)
- Vinyl Chloride (0.54 µg/m<sup>3</sup>)
- SV-3
  - 1,2,4-Trimethylbenzene (26 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (6.5 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (4.79 µg/m<sup>3</sup>)
  - Benzene (8.7 µg/m<sup>3</sup>)
  - Cyclohexane (13 µg/m<sup>3</sup>)
  - Ethylbenzene (75 µg/m<sup>3</sup>)
  - m,p-Xylene (77 µg/m<sup>3</sup>)
  - Naphthalene (3.5 µg/m<sup>3</sup>)
  - N-Heptane (12 µg/m<sup>3</sup>)
  - N-Hexane (10 µg/m<sup>3</sup>)
  - O-Xylene (1,2-Dimethylbenzene) (26 µg/m<sup>3</sup>)
  - Toluene (77 µg/m<sup>3</sup>)
- SV-4
  - 1,2,4-Trimethylbenzene (28 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (6.7 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (4.17 µg/m<sup>3</sup>)
  - Benzene (19 µg/m<sup>3</sup>)
  - Carbon Tetrachloride (0.60 µg/m<sup>3</sup>)
  - Cyclohexane (39 µg/m<sup>3</sup>)
  - Ethylbenzene (110 µg/m<sup>3</sup>)
  - m,p-Xylene (83 µg/m<sup>3</sup>)
  - Naphthalene (5.2 µg/m<sup>3</sup>)
  - N-Heptane (53 µg/m<sup>3</sup>)
  - N-Hexane (96 µg/m<sup>3</sup>)
  - O-Xylene (1,2-Dimethylbenzene) (27 µg/m<sup>3</sup>)
  - Toluene (78 µg/m<sup>3</sup>)
- SV-5
  - 1,2,4-Trimethylbenzene (30 µg/m<sup>3</sup>)
  - 1,3,5-Trimethylbenzene (Mesitylene) (7.9 µg/m<sup>3</sup>)
  - 2,2,4-Trimethylpentane (5.48 µg/m<sup>3</sup>)
  - Benzene (7.0 µg/m<sup>3</sup>)
  - Ethylbenzene (100 µg/m<sup>3</sup>)
  - m,p-Xylene (100 µg/m<sup>3</sup>)
  - N-Heptane (11 µg/m<sup>3</sup>)
  - N-Hexane (11 µg/m<sup>3</sup>)
  - O-Xylene (1,2-Dimethylbenzene) (34 µg/m<sup>3</sup>)
  - Toluene (100 µg/m<sup>3</sup>)

Based on the concentration of the NYSDOH regulated compound detected in the soil vapor, the following actions may be required:

- SSV-1
  - **Monitor or Mitigate**
- SV-1
  - **Monitor or Mitigate**
- SV-2
  - **Monitor or Mitigate**
- SV-3
  - **Monitor or Mitigate**
- SV-4
  - **Monitor or Mitigate**
- SV-5
  - **Monitor or Mitigate**

A co-located ambient indoor air sample would be required to confirm the NYSDOH recommended action at each location. PVE did not collect such indoor air samples as the SSV-1 sample was collected from a garage with chemicals present and the remainder of the samples were collected outside, therefore, the presence of VOCs in indoor air would not necessarily be attributed to a vapor encroachment.

#### **4.0 DISCUSSION and CONCLUSIONS**

##### **4.1 Soil**

1. Fourteen (14) soil borings were installed throughout the subject property. One (1) to two (2) soil samples were collected from each of the twenty (20) soil borings for laboratory analysis.
2. VOCs were detected in two (2) of the fourteen (14) soil samples at concentrations exceeding UUSCOs.
3. SVOCs were detected in three (3) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
4. Metals were detected in thirteen (13) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
5. Pesticides and PCBs were not detected in soil samples collected and analyzed.

##### **4.2 Groundwater**

1. One (1) temporary monitoring well was installed in the subject property. Additionally, PVE sampled a pre-existing monitoring well located in the asphalt parking lot of Parcel B. One (1) groundwater sample was collected from each well for laboratory analysis.
2. VOCs and metals were detected in both groundwater samples. VOCs were not detected at concentrations exceeding Class GA GQS. One (1) metal (selenium) was detected in the TMW located on Parcel B at a concentration exceeding Class GA GQS.
3. SVOCs and PCBs were not detected in groundwater samples collected and analyzed.

#### 4.3 Vapor

1. A total of six (6) soil vapor samples were collected. Petroleum-related compounds and/or chlorinated VOCs were detected in all six (6) soil vapor samples. One petroleum related compound (ethylbenzene) was detected in all six (6) soil vapor samples at concentrations potentially warranting additional actions according to NYSDOH Guidance.

#### 5.0 RECOMMENDATIONS

1. SVOCs and metals were detected in soil samples at concentrations exceeding applicable State Standards and the intended use of the subject property. These concentrations are consistent with historical fill. If soil is excavated from the site, collection and analysis of additional soil samples would be necessary to characterize soil for purposes of waste characterization, proper handling and selecting an appropriate disposal facility.
  - a. One VOC (acetone) was detected in two (2) soil samples at a concentration exceeding UUSCOs. Acetone is a common laboratory contaminant. PVE does not believe this concentration is representative of soil conditions at the site.
2. Selenium was detected in one (1) groundwater sample at a concentration exceeding applicable State Standards.
3. Based on the concentrations of NYSDOH regulated compounds detected in soil vapor, a VEC may exist at the site. Consideration should be given to the design and installation of a sub-slab depressurization system (SSDS) within the enclosed portions of structures on the subject property to prevent exposure to building occupants.
4. Unconsolidated materials (below surface cover) throughout the subject property (Parcel B) contained urban fill (glass, brick, coal fragments, wood, and coal ash). If requested, PVE can prepare a Soil and Materials Management Plan (SMMP) adhering to 6 NYCRR Part 360 which will outline processes for the excavation and handling of this urban fill during any future site earthwork activities.

If you have any questions, please do not hesitate to contact us.

Sincerely,

PVE Engineering

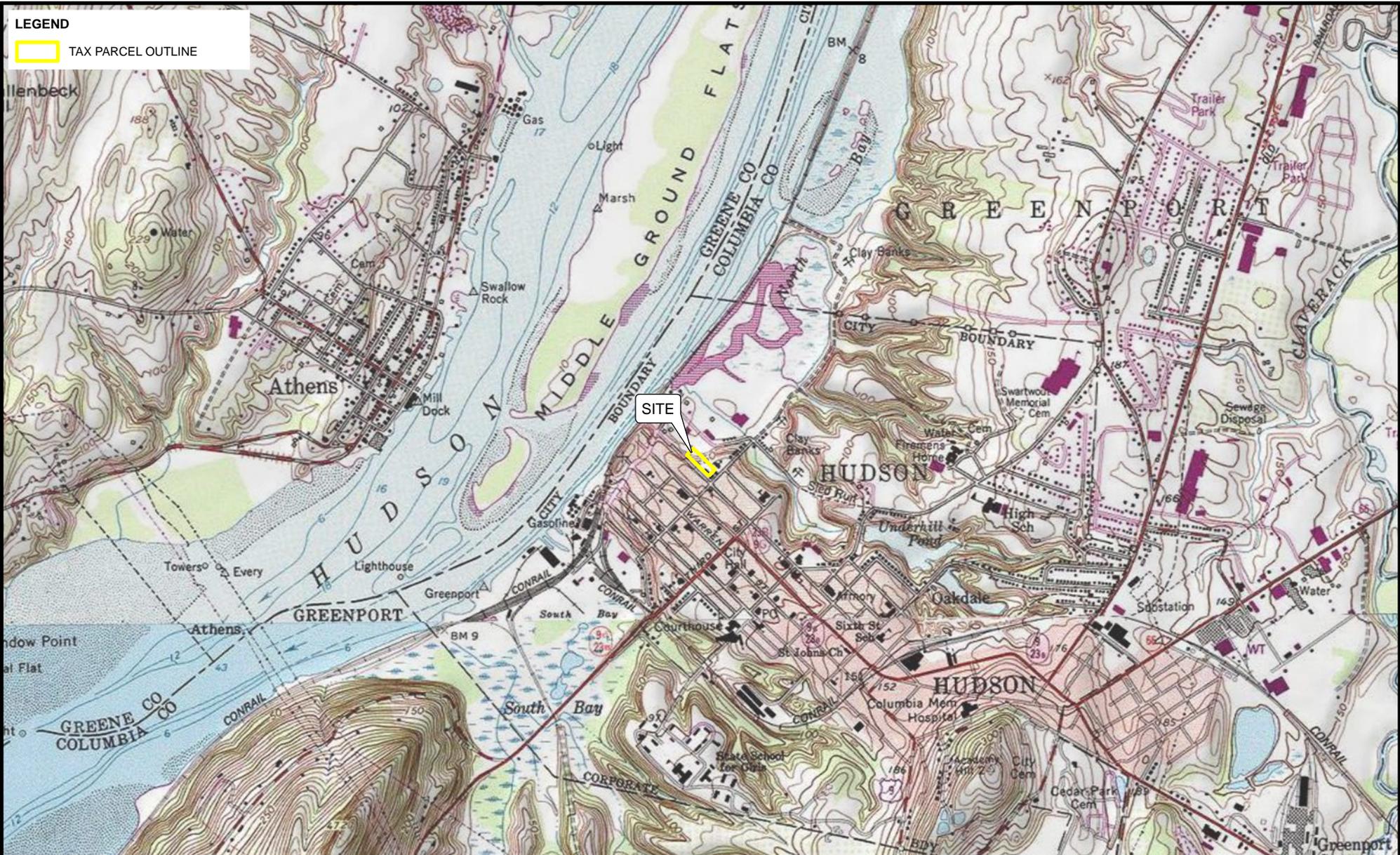


Conor B. Tarbell, QEP  
Regional Director of Environmental Services

Attachments:

Figure 1 – Site Location Map  
Figure 2 – Selected Site Features  
Figure 3 – Sample Location Map  
Soil, Groundwater, and Soil Vapor Tables (1 – 10)  
Soil Boring Logs  
Vapor Logs  
Analytical Lab Report

# FIGURES



DATA SOURCES:  
 Tax Parcel Outline: Site Plan, Phase I ESA, SESI Consulting Engineers, 07/28/2023  
 Basemap: New York State, Maxar, Copyright:© 2013 National Geographic Society, i-cubed



**PVE**  
 48 Springside Avenue  
 Poughkeepsie, NY 12603  
 Office: 845.454.2544  
 Fax: 845.454.2655

**SITE LOCATION MAP**

PARCEL B, 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.  
 20240218



**FIGURE 1**

DATE: 05/24/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

**LEGEND**  
 TAX PARCEL OUTLINE  
 PARCEL A PARTIAL  
 PARCEL B



DATA SOURCES:  
 Tax Parcel Outline: Columbia County, Tax parcel Viewer Map, 03/22/2024  
 Basemap: New York State, Maxar, New York State, Maxar, Microsoft



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**SELECTED SITE FEATURES**

*PARCEL A PARTIAL & B, 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK*

PROJECT NO.

20240218

N



**FIGURE 2**

DATE: 05/24/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

- LEGEND**
-  MONITORING WELL
  -  SOIL BORING
  -  SOIL BORING / TEMPORARY MONITORING WELL
  -  SOIL VAPOR
- TAX PARCEL OUTLINE
-  PARCEL A PARTIAL
  -  PARCEL B



48 Springside Avenue  
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 Fax: 845.454.2655

**SAMPLE LOCATION MAP**

PARCEL A PARTIAL & B, 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.

20240218

N



**FIGURE 3**

DATE: 06/17/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

**SUPPLEMENTAL PHASE II  
ESA**

August 13, 2024

Mountco Construction & Development  
ATTN: Joel Mounty  
700 White Plains Road, Suite 363  
Scarsdale, New York 10583

Re: **Supplemental Phase II Environmental Site Assessment**; Parcel B & Portion of Parcel A, 41 North 2<sup>nd</sup> Street, City of Hudson, Columbia County, New York 12534  
Tax ID #109.35-2-19 – Parcel B (Approx. 1.4 acres)  
Tax ID #109.35-2-19 – Portion of Parcel A (Approx. 0.76 acres)  
PVE File #20240218

Dear Mr. Mounty:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Supplemental Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, dated July 23, 2024, for the above referenced property (Figures 1 & 2). As discussed, our objective was to further evaluate soil quality in support of our New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Application. Below is a summary of field activities, analytical data and recommendations.

## 1.0 FIELD ACTIVITIES

### 1.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor was retained to conduct a mark-out to screen the proposed boring locations for utilities or anomalies which may interfere with drilling activities. Sample locations were adjusted accordingly, and field activities were completed on July 26, 2024.

### 1.2 Soil Borings and Sample Collection

On July 26, 2024, PVE completed a total of (8) soil borings throughout the subject property (Figure 3). These soil borings (SB-15 to SB-22) were installed via direct push drilling method using a track-mounted Geoprobe™ 54DT drill rig equipped with 4-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Soil borings were advanced to a maximum depth of 12-feet below ground surface (bgs).

The project technician kept a detailed log of each core including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of refusal. Soil samples were screened in the field for the presence of Volatile Organic Compounds (VOCs) using a calibrated photoionization detector (PID) and headspace techniques. PVE personnel collected a total of eight (8) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Diesel Range Organics (DRO) via USEPA Method 8015D;
- RCRA Metals via USEPA Method 6010/7473; &
- NY 21 List Per- & Polyfluoroalkyl Substances (PFAS) via USEPA Method 1633.

As discussed in the approved scope of work, if any petroleum or elevated PID readings were observed, soil samples were submitted to the laboratory for analysis of VOCs via USEPA Method 8260.

Soil borings are summarized below:

**Boring SB-15** was advanced to 4.0 feet bgs. Soil consisted of brown/light brown silt, with clay. Groundwater was not encountered at the time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 2.0-4.0 feet bgs for laboratory analysis.

**Boring SB-16** was advanced to 4.0 feet bgs. Soil consisted of brown silt, with clay. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-4.0 feet bgs for laboratory analysis.

**Boring SB-17** was advanced to 8.0 feet bgs. Soil consisted of brown silt, with clay and fill. Fill material consisted of coal and brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-4.0 feet bgs for laboratory analysis.

**Boring SB-18** was advanced via to 8.0 feet bgs. Soil consisted of brown/dark brown silt, with clay, some gravel and fill. Fill material consisted of brick and coal fragments and some ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-4.0 feet bgs for laboratory analysis.

**Boring SB-19** was advanced to 16.0 feet bgs. Soil consisted of gray silt, with clay, with fill. Fill material consisted of brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 8.0-11.0 feet bgs for laboratory analysis.

**Boring SB-20** was advanced to 12.0 feet bgs. Soil consisted of black/dark gray silt, some clay, comingled with fill. Fill material consisted of brick and coal fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 7.0-8.0 feet bgs for laboratory analysis.

**Boring SB-21** was advanced to 12.0 feet bgs. Soil consisted of brown silt, with clay to gray clay with silt. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 3.5-5.0 feet bgs for laboratory analysis.

**Boring SB-22** was advanced to 12.0 feet bgs. Soil consisted of light gray sit, with clay; visual and olfactory evidence of petroleum contamination was encountered. Groundwater was not encountered ATD. A maximum PID reading of 32.7 ppm was recorded from 5.0-6.0 feet bgs. One (1) soil sample was collected from 5.0-6.0 feet bgs for laboratory analysis.

Soil borings were backfilled with native cuttings and clean sand (as necessary). Borings through asphalt were repaired with cold patch.

## 2.0 RESULTS

Soil sample results are summarized in Tables 1-5. Analytical reports are attached.

## 2.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-5 and compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as defined in 6NYCRR Part 375. Analytical reports are attached. See Figure 3 for soil sample locations.

### 2.1.1 VOCs

Only one (1) of the eight (8) soil samples collected was analyzed for VOCs (SB-22 5-6'). Four (4) VOCs were detected in the sample. No VOCs were detected at concentrations exceeding either UUSCOs and RRSCOs.

### 2.1.2 SVOCs

SVOCs were detected in seven (7) of the eight (8) soil samples collected and analyzed. SVOCs were detected in two (2) of the eight (8) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-18 (2-4-feet)
  - Benzo(A)anthracene (1.9 mg/kg)
  - Benzo(A)pyrene (2.1 mg/kg)
  - Benzo(b)fluoranthene (2.6 mg/kg)
  - Benzo(k)fluoranthene (0.88 mg/kg)
  - Chrysene (2.1 mg/kg)
  - Indeno(1,2,3-cd)pyrene (1.6 mg/kg)
  
- SB-20 (7-8-feet)
  - Benzo(A)anthracene (2.8 mg/kg)
  - Benzo(A)pyrene (2.8 mg/kg)
  - Benzo(b)fluoranthene (2.3 mg/kg)
  - Benzo(k)fluoranthene (1.4 mg/kg)
  - Chrysene (2.9 mg/kg)
  - Dibenz(A,H)anthracene (0.54 mg/kg)
  - Indeno(1,2,3-cd)pyrene (2.5 mg/kg)

**Bold font** indicates RRSCO exceedance.

### 2.1.3 Metals

Metals were detected in all eight (8) soil samples collected and analyzed. Metals were detected in six (6) of the eight (8) soil samples at concentrations exceeding UUSCOs; metals were detected in two (2) of the six (6) soil samples at concentrations exceeding RRSCOs. Exceedances are defined below:

- SB-16 (0-2-feet)
  - Mercury (0.218 mg/kg)
  
- SB-17 (2-4-feet)
  - Lead (332 mg/kg)
  - Mercury (1.16 mg/kg)

- SB-18 (2-4-feet)
  - Lead (331 mg/kg)
  - Mercury (0.380 mg/kg)
  
- SB-19 (8-11-feet)
  - Lead (77.2 mg/kg)
  - Mercury (0.364 mg/kg)
  
- SB-20 (7-8-feet)
  - Arsenic (14.5 mg/kg)
  - **Lead (951 mg/kg)**
  - **Mercury (1.21 mg/kg)**
  
- SB-21 (3.5-5-feet)
  - Chromium, Total (34.2 mg/kg)
  - Lead (234 mg/kg)
  - Mercury (0.463 mg/kg)

**Bold** font indicates RRSCO exceedance.

#### **2.1.4 Diesel Range Organics**

DRO were detected in seven (7) of the eight (8) soil samples collected and analyzed.

#### **2.1.5 Per- & Polyfluoroalkyl Substances**

PFAS were detected in all of the eight (8) soil samples collected and analyzed. No PFAS were detected at concentrations exceeding either UUSCOs or RRSCOs.

### **3.0 DISCUSSION and CONCLUSIONS**

#### **3.1 Soil**

1. Eight (8) soil borings were installed throughout the subject property during this supplemental investigation. One (1) soil sample was collected from each of the eight (8) soil borings for laboratory analysis.
2. No VOCs were detected in the one (1) soil sample analyzed for these compounds at concentrations exceeding either UUSCOs or RRSCOs.
3. SVOCs were detected in two (2) of the eight (8) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
4. Metals were detected in six (6) of the eight (8) soil samples at concentrations exceeding UUSCOs; and metals were detected in two (2) of the six (6) soil samples at concentrations exceeding RRSCOs.
5. DRO were detected in seven (7) of the eight (8) soil samples collected and analyzed.
6. No PFAS were detected in soil samples at concentrations exceeding either UUSCOs and RRSCOs.

#### 4.0 RECOMMENDATIONS

1. SVOCs and metals were detected in soil samples at concentrations suggesting the past site operations have adversely affected the subject property. Three (3) soil samples contained one (1) or more contaminants at concentrations exceeding the intended use criteria for soil, the RRSCOs.
2. Redevelopment of the Site will require special handling, testing and potentially off-site disposal of contaminated soils.

If you have any questions, please do not hesitate to contact us.

Sincerely,

PVE Engineering

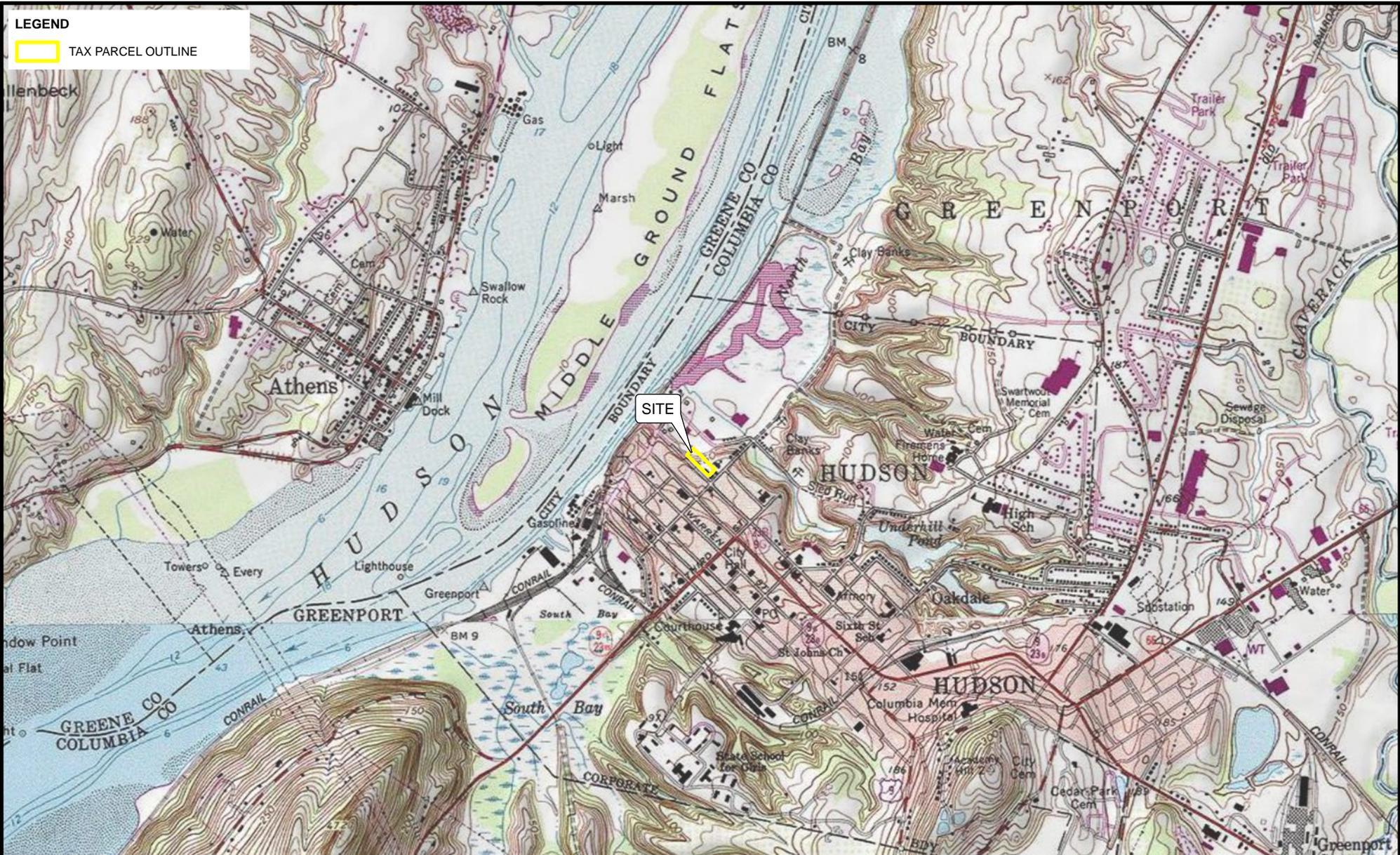


Conor B. Tarbell, QEP  
Regional Director of Environmental Services

#### Attachments:

- Figure 1 – Site Location Map
- Figure 2 – Selected Site Features
- Figure 3 – Sample Location Map
- Soil Tables (1 – 5)
- Soil Boring Logs
- Analytical Lab Report

# FIGURES



DATA SOURCES:  
 Tax Parcel Outline: Site Plan, Phase I ESA, SESI Consulting Engineers, 07/28/2023  
 Basemap: New York State, Maxar, Copyright:© 2013 National Geographic Society, i-cubed



**PVE**  
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 Fax: 845.454.2655

**SITE LOCATION MAP**  
 PARCEL B, 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO. 20240218	<b>FIGURE 1</b>
	DATE: 05/24/2024
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

**LEGEND**  
 TAX PARCEL OUTLINE  
 PARCEL A PARTIAL  
 PARCEL B



DATA SOURCES:  
 Tax Parcel Outline: Columbia County, Tax parcel Viewer Map, 03/22/2024  
 Basemap: New York State, Maxar, New York State, Maxar, Microsoft



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**SELECTED SITE FEATURES**

*PARCEL A PARTIAL & B, 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK*

PROJECT NO.

20240218

N



**FIGURE 2**

DATE: 05/24/2024

SCALE: AS INDICATED

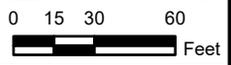
PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



- LEGEND**
-  SOIL BORING
  -  PROPOSED BCP BOUNDARY
  -  TAX PARCEL OUTLINE

DATA SOURCES:  
 Tax Parcel Outline: Columbia County Tax Parcel Access  
 Basemap: New York State, Maxar, Microsoft, New York State, Earthstar Geographics



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**SAMPLE LOCATION MAP**  
 41 NORTH 2ND STREET  
 CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.  
 20240218



<b>FIGURE 3</b>	
DATE: 07/30/2024	
SCALE: AS INDICATED	
PROJECTION: STATE PLANE NAD83 NY EAST	
ALL LOCATIONS APPROXIMATE	