PERIODIC REVIEW REPORT
MARCH 2020 – MARCH 2023

SCHATZ FEDERAL BEARINGS
CITY OF POUGHKEEPSIE, NEW YORK 12602

NYSDEC Site No. 314003
Work Assignment No. D009812-25

Prepared for:

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JULY 2023

TRC Project No. 470744

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LIST OF ACRONYMS AND ABBREVIATIONS

AMSL	Above Mean Sea Level
AROD	Amended Record of Decision
COCs	Contaminants of Concern
COVID-19	Novel 2019 Coronavirus
cy	cubic yard
DCHD	Dutchess County Health Department
DER	Department of Environmental Remediation
DTW	Depth to Water
DUSR	Data Usability Summary Report
ECs	Engineering Controls
EN	Environmental Notice
FS	Feasibility Study
ft. bgs	Feet Below Ground Surface
GWMR	Groundwater Monitoring Report
ICs	Institutional Controls
IHWDS	Inactive Hazardous Waste Disposal Site
ID	Identification
MCL	Maximum Contaminant Level
M&E	Metcalf & Eddy of New York, Inc.
mg/L	milligrams per liter
ND	Not Detected
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PRR	Periodic Review Report
QAPP	Quality Assurance Project Plan
RA	Remedial Action
RAO	Remedial Action Objective
RI	Remedial Investigation
ROD	Record of Decision
SIM	Selective Ion Monitoring
SMP	Site Management Plan
SMR	Site Management Report
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
TRC	TRC Engineers, Inc.
VOCs	Volatile Organic Compounds
WA	Work Authorization
µg/L	micrograms per liter
ηg/L	nanograms per liter

Executive Summary

Category	Summary/Results
Engineering Controls	• Landfill cover • Site access control and perimeter fence • Groundwater monitoring well network • Groundwater interceptor trench
Institutional Controls	• The property is classified as a Class 4 Inactive Hazardous Waste Disposal Site (IHWDS). • An Environmental Notice was placed on the site on April 14th, 2014. • All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP). • All ECs must be inspected at a frequency and in a manner defined in the SMP. • The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the Dutchess County Department of Health (DCDH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the New York State Department of Environmental Conservation (NYSDEC). • Groundwater and other environmental or public health monitoring must be performed as defined in the SMP. • Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP. • All future activities that will disturb remaining impacted material must be conducted in accordance with the SMP. • Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP. • Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP. • Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement. • Vegetable gardens and farming on the Site are prohibited. • The potential for vapor intrusion must be evaluated for any buildings developed on the Site and any potential impacts that are identified must be monitored or mitigated.
Site Classification	Class 4 IHWDS
Site Management Plan	• SMP Rev. No 1 – 2014 • SMP Rev. No. 2 – 2019 ○ Addendum – 2021
Certification/Reporting Period	The SMP (2019) required a Groundwater Monitoring Report (GWMR) every fifth quarter and a Periodic Review Report (PRR) every three years. The date of the most recent GWMR was April 2018 and the most recent PRR was completed for the period March 2017 to March 2020. The July 2020 PRR recommended that the GWMR requirement be removed, which was approved by the NYSDEC. The 2021 SMP Addendum specifies a three-year reporting period for PRRs and that GWMRs are no longer required.
Inspection	**Frequency**
Site Inspection	Annually and as needed for severe weather events.

Category	Summary/Results
Monitoring	**Frequency**
Groundwater	Every three years
Surface Water and Sediment	Every three years
Soil Vapor Sampling	As needed
Prior PRR/SMR Recommendations	The 2020 PRR recommended the following: • The Site inspection frequency should be reduced from semi-annually to annually and following severe weather events (as needed) to certify that the Institutional Controls (ICs)/ECs are functioning as intended. A Site inspection report should be completed following each inspection event. • Water level measurements should continue to be collected from the Site monitoring wells during the inspection and groundwater sampling events. • Based on the elevated per- and polyfluoroalkyl substances (PFAS) results in downgradient overburden and bedrock monitoring wells, S-3 and B-3, respectively, PFAS should be included as an analyte in all monitoring wells for at least one future groundwater sampling event to confirm the presence/absence of PFAS at the Site. • It is recommended that the groundwater, surface water, and sediment sampling frequency be reduced from one sampling event every fifth quarter to one sampling event every three years. • The GWMR requirement should be eliminated. • The April 2019 SMP should be revised to reflect the above changes/modifications, if the changes are acceptable to the NYSDEC.
Site Management Activities	Site inspections were conducted in accordance with the 2019 SMP and 2021 Addendum during the reporting period (2020-2023). Media (groundwater, sediment, and surface water) monitoring was not performed as scheduled (Q4 2020) due to the COVID-19 pandemic and the approved sampling period extension (three years) recommended in the 2020 PRR and included in the 2021 Addendum. The Q4 2020 media monitoring was not performed during subsequent inspections due to an oversight. The next sampling round will occur in August 2023. • 6/24/2020: A semi-annual Site inspection was performed by TRC Engineers, Inc. (TRC) to document conditions of the landfill cap and gas vents, monitoring wells, perimeter drainage channel, drainage swales, access roads, and perimeter fence. • 9/10/2020: TRC collected a potable water sample from a residence for emerging contaminant analysis. The sample was submitted for PFAS analysis by United States Environmental Protection Agency (USEPA) Method 537 Modified and 1,4-dioxane analysis by USEPA Method 8270 Selective Ion Monitoring (SIM). • 3/23/2021 and 11/2/2021: A semi-annual Site inspection was performed by TRC to document conditions of the landfill cap and gas vents, monitoring wells, perimeter drainage channel, drainage swales, access roads, and perimeter fence. • 3/1/2022: An annual Site inspection was performed by TRC to document conditions of the landfill cap and gas vents, monitoring wells, perimeter drainage channel, drainage swales, access roads, and perimeter fence. • 7/28/2022: A Site inspection was performed by TRC to assess the repair work completed by Precision Environmental Services on the Site's fence and entrance gate.

Category	Summary/Results
	• 2/27/2023: An annual Site inspection was performed by TRC to document conditions of the landfill cap and gas vents, monitoring wells, perimeter drainage channel, drainage swales, access roads, and perimeter fence.
Significant Findings or Concerns	• Per the 2021 Addendum, groundwater, surface water, and sediment monitoring are to be performed every three years. The last monitoring event occurred in September 2019. Per the 2019 SMP, the next monitoring event would have been performed in Q4 2020. This event was delayed due to the COVID-19 pandemic and the approved sampling period extension (three years). Monitoring was not performed during subsequent inspections due to an oversight. The next monitoring event will be in August 2023. • PFAS compounds and 1,4-dioxane were not detected in the September 10, 2020 private drinking water well sample. • Woody vegetation was observed growing in the drainage swales in February 2023. • Damage to the perimeter fence was observed near monitoring well S-8 in February 2023. • The following observations were noted in March 2022: o Monitoring well B-1 was missing the well riser cap. The well could not be locked as the polyvinyl chloride (PVC) well riser was flush with the protective casing thus preventing the locking mechanism from function properly. o Monitoring well B-5 was missing the protective casing lid. o Monitoring well S-7 was missing the protective casing lid and the PVC well riser was bent, but the well can still be gauged and sampled. o Monitoring well S-4 had damage to the locking components of the protective casing lid which prevented the well from being locked.
Recommendations	• Routine Site inspections and media monitoring activities should continue as defined in the 2019 SMP and 2021 Addendum. The next sampling event is scheduled for August 2023. • As recommended in the 2020 PRR based on elevated PFAS results in monitoring wells S-3 and B-3, PFAS should be included as an analyte in all monitoring wells for at least one future groundwater sampling event to confirm the presence/absence of PFAS at the Site. • Periodic Review Reporting should be changed to every five years. • Revise the SMP to combine the 2019 version and 2021 Addendum, and to include as-builts and monitoring methods for the groundwater interceptor trench to verify its effectiveness, and the five-year reporting period. • Remove vegetation within the drainage channels to limit the possibility of Site flooding and erosion of the landfill cap. • Repair damage to the Site perimeter fence near monitoring well S-8. • Repair/replace the well casing lids for monitoring wells B-5, S-4, and S-7 and cut the PVC riser in monitoring well B-1 so that a riser cap can fit and the well cap can be locked.
Cost Evaluation	TRC's cost for Site management activities during this reporting period was $61,495. This cost includes labor incurred by TRC. It should be noted that this total does not include any direct costs incurred by the NYSDEC.

1.0 Introduction

This Periodic Review Report (PRR) has been prepared for the Schatz Federal Bearings Site (referred to as "the Site") and covers the period from March 30, 2020 through March 30, 2023. This PRR was prepared in accordance with the New York State Department of Environmental Conservation (NYSDEC) Work Authorization (WA) No. D007620-45 Notice to Proceed dated October 11, 2018, the NYSDEC-approved Scope of Work dated February 19, 2019, NYSDEC WA No. D009812-25 Notice to Proceed dated November 19, 2021, the NYSDEC-approved Scope of Work dated April 1, 2022, and NYSDEC Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation.

A Site summary and applicable remedial program information are summarized below.

Site Information			
Site Name:	Schatz Federal Bearings	**NYSDEC Site No:**	3-14-003
Site Location:	Van Wagner Road, Poughkeepsie, Dutchess County, NY	**Remedial Program:**	State Superfund Program
Site Type:	Landfill	**Classification:**	Class 4 IHWDS
Parcel Identification(s):	Dutchess County Tax Map – 006.262-0003-101.380	**Parcel Acreage**	22
Selected Remedy:	Landfill cover system, perimeter fence, groundwater monitoring, and groundwater interceptor trench	**Site COC(s):**	• Volatile Organic Compounds (VOCs) • Polychlorinated Biphenyls (PCBs) • Metals
Current Remedial Program Phase:	Post Remedial Action (RA) Site Monitoring: Site Management	**Institutional Controls:**	• Record of Decision (1989) • Amended Record of Decision (1994) • Environmental Notice (2014) • SMP (2021)
Post-Remediation Monitoring and Sampling Frequency:	Every three years - Groundwater, surface water, and sediment sampling Annually and as needed following severe weather events - Site inspection	**Engineering Controls:**	Landfill cover system, perimeter fence, monitoring wells, and groundwater interceptor trench.
Monitoring Locations:	Overburden wells (9) Bedrock monitoring wells (5)	**Required Reporting:**	PRR – Every 3 years

1.1 Site Location, Ownership, and Description

The Schatz Federal Bearings site (the "Site") is located at 223-247 Van Wagner Road, about two miles northeast of downtown Poughkeepsie, Dutchess County, New York. A Site Location Map is included as **Figure 1**. The Site area consists of a 22-acre portion of a 56.6-acre property identified on the Dutchess County Tax Maps as Section 6262, Block 03, Lot 101380 (tax parcel identification 006.262-0003-101.380). The capped landfill, covering about five-acres, is currently the only use for the Site. A fence surrounds the five-acre landfill to restrict access. The current owner of the property is listed as McKebe Corporation in the Dutchess County Tax Records. The Site is currently unoccupied, and there are no structures on the property.

The Site rises from Van Wagner Road to a plateau surrounded by small hills, wetlands/ponded areas, and forested areas. Abandoned railroad tracks run along the southwest border of the property, which have been redeveloped by the Rails-to-Trails Conservancy program into a paved bicycle/pedestrian path. The surrounding area is sparsely developed with mixed residential and commercial use. Three residences are adjacent to the Site, the nearest being approximately 100-feet east of the Site boundary. Businesses and homes adjacent to the Site are served by public water. The Dutchess County Sanitation (FICA) landfill, another Class 4 IHWDS (Site No. 3-14-047), is located approximately 0.5-miles northeast of the Site. A Site Layout Map is included as **Figure 2**.

1.2 Investigation/Remedial History

The Site area was originally a wetland that was filled by waste disposal activities and transfer of soil from surrounding upland areas. Disposal activities occurred from 1935 to 1973 and included an estimated 125,000 cubic yards of municipal and industrial waste. A major contributor of the waste was Schatz Federal Bearing Co., which operated at the Site from 1949 until 1973. Manufacturing waste including cutting oils, lubricants, grinding sludges, solvents, coolants, and metal parts were disposed of at the Site. Historical photographs of the Site showed areas of solid waste, liquids, and drums within the Site boundaries.

After disposal ceased in 1973, personnel from the DCHD and the NYSDEC periodically inspected the Site and collected samples of landfill soil and sediment from on-Site ponds. Since 1980, prior to remedial activities, polychlorinated biphenyls (PCBs) have been detected in both the landfill soils and sediment from on-Site ponds. As a result, concern was raised over the potential for migration of PCBs into nearby wells and into surface water that eventually flows into the Hudson River, a public water supply.

During a 1981 inspection by DCHD and NYSDEC, leachate was observed leaking at numerous locations in the landfill cover. Landfill soil and sediment and surface water samples from ponds adjacent to the railroad tracks were collected for PCB analysis during the inspection. DCHD additionally excavated six test pit excavations within the center of the landfill and observed oily wastes and strong petroleum odors.

In April 1983, based on results from the 1981 sampling and inspection, the NYSDEC designated the landfill as In-Place Toxic Site No. 314003.

A Remedial Investigation/Feasibility Study (RI/FS) was initiated at the Site by Metcalf & Eddy of New York, Inc. (M&E) in July 1986 to determine the nature and extent of Site contamination. A RI Report, Volume I was completed by M&E in April 1988 and reported the following:

- The Site contained an estimated 124,000 cubic yards (cy) of waste material from four primary waste areas including manufacturing waste (90,000 cy), municipal waste (24,000 cy), slag waste (5,000 cy), and sediment in on-Site ponds (5,000 cy).
- Soil and on-Site pond sediment were impacted with VOCs, Polycyclic Aromatic Hydrocarbons (PAHs), PCBs, and metals including arsenic, cadmium, lead, barium, chromium, and zinc.
- The glacial soil aquifer was found to be contaminated with VOCs and metals including barium, chromium, and zinc.
- The bedrock aquifer was found to be contaminated with VOCs, PCBs, and metals including barium, cadmium, chromium, lead, mercury, and zinc.
- Impacts may have migrated off-Site via the bedrock aquifer and surface runoff. Groundwater movement is in a southerly direction, and some private wells both upgradient and downgradient of the Site were found to contain detectable concentrations of contaminants, possibly originating from the Site.

Remedial alternatives for the Site were screened and evaluated in M&E's September 1988 FS Report. Based on the results of the screening and evaluation process, a remedial alternative including on-Site groundwater extraction and treatment (air stripping, carbon adsorption, and chemical precipitation); landfilling of municipal waste; and stabilization/solidification and landfilling of manufacturing waste, slag waste and pond sediment was recommended for the Site. The NYSDEC subsequently issued a Record of Decision (ROD) in March 1989 which selected the recommended remedial alternative in the 1988 FS Report as the cleanup plan for the Site.

A Remedial Design Study was completed by M&E in July 1992 to verify and design the selected remedial alternative as presented in the 1989 ROD. Treatability studies and sampling performed as part of the Remedial Design Study indicated that portions of the selected remedial alternative were not applicable to the Site. As a result, a revised remedial alternative consisting of removal and off-site disposal of PCB waste above 500 ppm; stabilization/solidification of slag waste; waste consolidation; construction of a landfill cover; perimeter fencing and institutional controls; and groundwater monitoring was selected in a March 1994 Amended ROD (AROD). The remedy was completed in June 1997.

Routine Site maintenance, inspections, and environmental monitoring have been conducted at a frequency determined by the NYSDEC since 2000 to ensure the remedy remains effective.

In April 2014, a SMP was developed and implemented to manage the Site's remaining impacts. An Environmental Notice (EN) for the Site was signed by NYSDEC in April 2014 which defined the Site boundary and additional ICs. In April 2019, the SMP was revised (Rev. 2) to be consistent with the NYSDEC SMP template and incorporate a Quality Assurance Project Plan (QAPP), Health and Safety Plan (HASP), additional groundwater sampling procedures and laboratory analytes, and requirements for sediment and surface water sampling.

In March 2021, Addendum No. 1 to the SMP was prepared by TRC to include the 2014 EN, a requirement for soil vapor intrusion analysis for any buildings developed on the Site, and to change the inspection schedule to annually and the media monitoring schedule to every three years. The Addendum additionally added PFAS to the required groundwater monitoring analyte list, for at least the first groundwater monitoring event. Subsequent events may be considered based on the results.

A detailed Site history, including the dates and descriptions of significant events, and a Custodial Record detailing available Site reports, is included in **Appendix A**.

1.3 Remaining Contamination

Impacted sediment, soil, and waste that was not disposed of off-Site was consolidated and contained below an engineered cap completed in June 1997. On-Site groundwater periodically exhibits elevated levels of VOCs and metals. Although there was no remaining sediment or surface water contamination identified after completion of the remedial actions, the ROD requires monitoring to evaluate potential impacts. Therefore, sediment and surface water from the drainage area adjacent to the west-southwest side of the landfill is monitored as required by the SMP. Surface water is monitoring for VOCs, metals, and total suspended solids, and sediment is monitoring for PCBs, metals, and total organic carbon.

1.4 Regulatory Requirements/Cleanup Goals

The March 1994 AROD does not specify Remedial Action Objectives (RAOs) for the Site; however, the following RAOs are presented in the April 2019 SMP:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with constituent concentration levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from impacted groundwater.

RAOs for Environmental Protection

- Restore the groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Prevent the discharge of impacts to surface water.

Soil/Waste Material under Landfill Cap

RAOs for Public Health Protection

- Prevent indigestion/direct contact with impacted soil/waste material under the landfill cap.
- Prevent inhalation of or exposure from constituents volatizing in soil/waste material under the landfill cap.

RAOs for Environmental Protection

- Prevent migration of constituents that would result in the groundwater or surface water impacts.
- Prevent impacts to biota from ingestion/direct contact with soil/waste material causing toxicity or impacts from bioaccumulation through the terrestrial food chains.

2.0 Institutional and Engineering Control Plan Compliance

2.1 Institutional Controls

The Schatz Federal Bearing Site is managed under the New York State Superfund Program. The Site's inclusion on the Registry of IHWDS, ROD, AROD, EN, and the SMP act as ICs.

The April 2019 SMP and 2021 Addendum include the following ICs for the Site:

- The property is classified as a Class 4 IHWDS.
- An EN was placed on the site on April 14th, 2014.
- All ECs must be operated and maintained as specified in the SMP.
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the DCHD to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP.
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP.
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Notice.
- Vegetable gardens and farming on the Site are prohibited.
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site and any potential impacts that are identified must be monitored or mitigated.

The 2014 EN includes the following ICs for the Site:

- Unless prior written approval by the NYSDEC is first obtained, there shall be no disturbance or excavation of the Site which threatens the integrity of the engineering controls or which may result in a significantly increased threat of harm or damage at any site as a result of exposure to soils;

- No person shall disturb, remove, or otherwise interfere with the installation, use, operations, and maintenance of engineering controls required for the remedy, including but not limited to those engineering controls described in the SMP, unless in each instance, they first obtain a written waiver of such prohibition from the Department or relevant agency;
- The remedy was designed to be protective for the following uses: Industrial as described in 6 NCYRR Part 375-1.8(g)(2)(iv); and
- No person shall use the groundwater underlying the Site without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the NYSDEC or relevant agency.

2.2 Engineering Controls

The Site ECs include the landfill cover, perimeter fence, monitoring well network, and a groundwater interceptor trench.

With regard to the groundwater interceptor trench, as-built records could not be located to confirm construction details. The April 2019 SMP should be updated to include as-built details and monitoring methods to confirm its effectiveness when the records are located. The interceptor trench is believed to drain to the pond located west of the landfill as a buried pipe was located between the trench and pond. The approximate location of the groundwater interceptor trench can be found on **Figure 2**.

The completed IC/EC form is included as **Appendix B**.

3.0 Monitoring and Sampling Plan Compliance

The 2019 SMP and 2021 Addendum specifies the following Site monitoring and sampling activities:

Summary of SMP Site Monitoring and Sampling Plan				
Site Management Activity	**Frequency**	**Location**	**Laboratory Analysis**	**Completion Dates**
Site Inspection & Site Inspection Report	Annually, or as needed following severe weather events	Site property	Not Applicable	6/24/2020, 3/23/2021, 11/2/2021, 3/1/2022, 7/28/2022, 2/27/2023
Groundwater Sampling	Every three years	Bedrock Wells: B-1, B-2, B-3, B-4, B-5 Overburden Wells: S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8, S-9	• Target Compound List (TCL) VOCs by USEPA Method 8260C • TAL Metals plus Mercury by USEPA Method 6010B/7470A - for total and dissolved fractions • PFAS by USEPA Method 537 Modified	Not completed during the reporting period. Next event to be conducted in August 2023.
Surface Water Sampling	Every three years	Six samples from the ponded area adjacent to landfill	• TCL VOCs by USEPA Method 8260C • TAL Metals plus Mercury by USEPA Method 6010B/7470A • Total Suspended Solids by USEPA Method 160.2	Not completed during the reporting period. Next event to be conducted in August 2023.
Sediment Sampling	Every three years	Six samples from the ponded area adjacent to landfill	• PCBs by USEPA Method 8082 • TAL Metals plus Mercury by USEPA Method 6010B/7471A • Total Organic Carbon by USEPA Method 415.1	Not completed during the reporting period. Next event to be conducted in August 2023.
PRR	Every three years	Not Applicable	Not Applicable	July 2023

3.1 Site Inspection

During the reporting period, semi-annual Site inspections, in accordance with the 2019 SMP, were performed by TRC on June 24, 2020, March 23, 2021, and November 2, 2021. Annual Site inspections, in accordance with the 2021 Addendum, were performed on March 1, 2022 and February 27, 2023. An inspection was additionally completed on July 28, 2022 to confirm whether repairs made to the Site fence were satisfactory. Due to the NYS Executive Order 202.6 and as directed by the NYSDEC in response to the COVID-19 outbreak, only one Site inspection was performed in 2020. Subsequent Site inspections were performed annually, as required by the 2021 SMP Addendum, which became effective on March 25, 2021. The Site inspections included an evaluation of the current Site use and the condition of the landfill cap and gas vents, monitoring wells, perimeter drainage channel, drainage swales, access roads, and perimeter fence.

A summary of the Site visits are as follows:

Summary of Site Management Activities March 2020 to March 2023		
Site Management Activity	**Summary of Results**	**Maintenance/Corrective Measure**
Landfill cover, gas vents, access road and perimeter fence	During the June 2020 inspection, the landfill cap was visibly inspected and found to be dry and stable. One animal burrow was noted on the southern portion of the cap, which was filled in with topsoil during the inspection. The gas vents were noted in good condition, properly secured, and functioning. The access roads and perimeter fence were noted in good condition, except for a fallen tree that slightly damaged the fence near the southern portion of the cap. During the March and November 2021 inspections, findings were consistent with those of June 2020; however, animal burrows were not noted during either inspection. During the March 2022 inspection, the landfill cap and gas vents were again noted in good condition. No animal burrows were observed in the cap. Access roads were also noted in good condition; however, damage to the perimeter fence was observed east of monitoring well S-8 and on each side of the Site entrance gate. Damages to the fence and gate were repaired by Precision Environmental Services and were visually inspected by TRC in July 2022. During the February 2023 inspection, the landfill cap and gas vents appeared in good condition. Access roads were in good condition with no signs of erosion. Damage to the perimeter fence was observed east of monitoring well S-8. Two small animal burrows were observed near monitoring wells S-4 and S-5, which TRC backfilled with soil during the inspection.	TRC recommends a qualified contractor conduct repairs on the fence near monitoring well S-8.
Drainage (swales and perimeter channel)	During all inspections, the drainage swales were noted in good condition. Tall vegetation in the drainage channel was noted in the June 2020 inspection. Woody vegetation and brush were observed in the drainage channel during the February 2023 inspection.	TRC recommends a qualified contractor remove the woody vegetation and brush within the drainage channel.
Monitoring well network	During the June 2020, March 2021, and November 2021 inspections, all wells were observed in good condition. During the March 2022 inspection, most wells were noted in good condition except for wells B-1, B-5, S-4, and S-7. Monitoring well B-1 was noted as missing the well casing cap and could not be locked given that the well casing was flush with the top of the protective casing, thus inhibiting the lid's locking mechanism. Monitoring wells B-5 and S-7 were noted as missing their locking protective casing lids. Monitoring well S-4 was noted as having damage to the locking components of the protective casing lid. Monitoring well S-7 was also noted as having a bent well casing. In February 2023, most wells were observed in good condition except for the damages observed in March 2022.	TRC recommends the following repairs: • Add a PVC well casing cap to B-1; • Cut the PVC well casing of B-1 to allow room for the protective casing lid's locking mechanism; and • Replace the protective casing lids for wells B-5, S-4, and S-7.

Summary of Site Management Activities March 2020 to March 2023		
Site Management Activity	**Summary of Results**	**Maintenance/Corrective Measure**
Groundwater gauging and sampling	The last groundwater gauging and sampling event was performed in September 2019. The following sampling event was supposed to occur in Q4 2020 per the 2019 SMP but was missed due to the COVID-19 pandemic and the approved sampling period extension (three years). Monitoring was not performed during subsequent inspections due to an oversight. The next sampling event is scheduled for August 2023.	No routine maintenance or corrective measures needed at this time.
Surface water and sediment sampling	Six surface water and six sediment samples were collected from the ponded area located west of the landfill in September 2019. The following sampling event was supposed to occur in Q4 2020 per the 2019 SMP but was missed due to the COVID-19 pandemic and the approved sampling period extension (three years). Monitoring was not performed during subsequent inspections due to an oversight. The next sampling event is scheduled for August 2023.	No routine maintenance or corrective measures needed at this time.
Homeowner Well Sampling	On September 10, 2020, TRC collected a potable water sample from a nearby residence for emerging contaminant analysis. The sample was submitted for PFAS analysis by USEPA Method 537 Modified and 1,4-dioxane analysis by USEPA Method 8270 SIM.	PFAS compounds and 1,4-dioxane were not detected in the potable water sample, therefore, no routine maintenance or corrective measures needed at this time.

Site inspection forms including photographic logs from the inspection are presented in in **Appendix C**.

3.2 Groundwater Monitoring Summary

Groundwater monitoring, which was scheduled to occur during Q4 2020, was not performed during this reporting period initially due to the COVID-19 pandemic and subsequently due to the sampling period extension included in the 2021 SMP Addendum. Monitoring was not performed during subsequent inspections due to an oversight. The next sampling event is scheduled for August 2023.

3.3 Surface Water and Sediment Monitoring

Surface water and sediment monitoring, which was scheduled to occur in Q4 2020, was not performed during this reporting period due to the COVID-19 pandemic and then subsequently due to the sampling period extension included in the 2021 SMP Addendum. Monitoring was not performed during subsequent inspections due to an oversight. The next sampling event is scheduled for August 2023.

3.4 Homeowner Well Sampling

Emerging contaminant sampling results from the September 2019 sampling event, presented in the July 2020 PRR prepared by TRC, indicated elevated PFAS and 1,4-dioxane results in downgradient overburden and bedrock monitoring wells S-3 and B-3. Therefore, several properties surrounding the Site were offered private well sampling to confirm the presence/absence of PFAS and 1,4-dioxane. After several attempts to offer sampling, only one response was received.

On September 10, 2020, TRC collected a sample from one residence downgradient of the Site. The sample was collected in laboratory supplied bottle ware and submitted to Eurofins/Test-America for analysis of PFAS by USEPA Method 537 Modified and 1,4-dioxane by USEPA Method 8270 SIM. There were no detections of PFAS or 1,4-dioxane above laboratory quantitation limits in the collected sample. A summary of the analytical results is present in **Table 2**. The Data Usability Summary Report (DUSR) can be found in **Appendix D**. A Daily Field Activities Report was not prepared for this sampling event.

4.0 Cost Summary

The total estimated cost of TRC's site management activities for the period of March 2020 through March 2023 is approximately $61,495. Site management activities included site inspections and reporting. The total includes engineering and expenses associated with the project. It should be noted that the total does not include costs incurred by NYSDEC in support of the project. A summary of the site management costs is presented below:

Summary of Site Management Costs - TRC
March 30, 2020 through March 30, 2023

Cost Item	Amount Expended	Percent of Total Cost
Engineering Support	$60,246	98%
Expenses	$1,249	2%
Total Cost	**$61,495**	**--**

The following provides a review of each cost item:

- Engineering support includes labor costs associated with project management (e.g., WA Package preparation, monthly invoicing, project scheduling and coordination, etc.), Site inspections, groundwater sampling, and reporting (i.e., Site Inspection Report and PRR).
- Expense costs include travel, equipment, and supplies in support of the Site inspections, groundwater sampling event, residential drinking water sampling and routine site maintenance activities.

5.0 Conclusions and Recommendations

5.1 Conclusions

- Per the 2021 SMP, groundwater, surface water, and sediment monitoring are to be performed every three years. The last monitoring event occurred in September 2019. Per the 2019 SMP, the next monitoring event would have been performed in Q4 2020. This event was delayed due to the COVID-19 pandemic and the approved sampling period extension (three years) recommended in the 2020 PRR and included in the 2021 SMP Addendum.
- Site and groundwater use were consistent with the restrictions set forth in the SMP and EN.
- The remedy continued to be protective of human health and the environment during this reporting period.

5.2 Recommendations

- Routine Site inspections and media monitoring activities should continue as defined in the 2019 SMP and 2021 Addendum. The next sampling event is scheduled for August 2023.
- As recommended in the 2020 PRR based on elevated PFAS results in monitoring wells S-3 and B-3, PFAS should be included as an analyte in all monitoring wells for at least one future groundwater sampling event to confirm the presence/absence of PFAS at the Site.
- Periodic Review Reporting should be changed to every five years.
- Revise the SMP to combine the 2019 version and 2021 Addendum, and to include as-builts and monitoring methods for the groundwater interceptor trench to verify its effectiveness, and the five-year reporting period.
- Remove vegetation within the drainage channels to limit the possibility of Site flooding and erosion of the landfill cap.
- Repair damage to the Site perimeter fence near monitoring well S-8.
- Repair/replace the well casing lids for monitoring wells B-5, S-4, and S-7 and cut the PVC riser in monitoring well B-1 so that a riser cap can fit and the well cap can be locked.

6.0 Certification of Engineering and Institutional Controls

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

- The institutional and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER;
- Nothing has occurred that would impair the ability of such control to protect public health and the environment; and,
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control except for the missed groundwater, surface water, and sediment monitoring event due to the COVID-19 pandemic and oversight during subsequent inspections.

TRC Engineers, Inc.

Prepared By: Taylor Shanley

Taylor Shanley

Staff Engineer

Reviewed By: Marie T. Dowd

Marie T. Dowd, P.E.

Principal Engineer

7.0 Future Site Activities

Based on the recommendations in **Section 5.0**, the following site management activities will be completed during the next PRR reporting period (March 2023 to March 2028):

- Site Inspections – Annual (next scheduled: Q1 2024)
- Severe Weather Event Inspection – As needed
- Repair and Corrective Actions – As needed
- Groundwater – Every three years (next scheduled: Q3 2023)
- PRR – Every 5 years (next scheduled: March 2028)

TABLES

Table 1
New York State Department of Environmental Conservation
Schatz Federal Bearings (Site No. 314003) - City of Poughkeepsie, New York
Monitoring Well Construction Summary

Well ID	Installation Date	Well Dia. (inches)	Well Material	Total Depth (feet bgs)	Screened Formation	*Screen*			*Elevation (feet AMSL)*				*Location*	
						Top (feet bgs)	Bottom (feet bgs)	Length (feet)	Casing Top	Ground Surface	Screen Top	Screen Bottom	Northing	Easting
B-1	4/21/1987	4	Stainless Steel	52.5	Bedrock	23.53	49.53	26.0	191.03	186.93	163.40	137.40	1048888.919	659261.09
B-2	4/22/1987	4	Stainless Steel	35.5	Bedrock	14.59	34.59	20.0	193.44	191.49	176.90	156.90	1049192.038	658787.357
B-3[1]	ND	4	PVC	121.7	Bedrock	42.43	60.93	18.5	182.53	180.13	137.70	119.20	1048573.394	658797.73
B-4	6/23/1987	4	Stainless Steel	33.0	Bedrock	12.20	32.15	20.0	175.38	172.70	160.50	140.55	1048363.644	658912.171
B-5[1]	6/23/1987	4	PVC	122.0	Bedrock	31.07	51.57	20.5	186.80	184.07	153.00	132.50	1048752.308	658488.727
S-1	4/12/1987	2	PVC	20.2	Overburden	6.69	16.69	10.0	190.46	186.69	180.00	170.00	1048884.311	659263.561
S-2[2]	ND	2	PVC	ND	Overburden	ND	ND	ND	193.61	191.61	ND	ND	1049190.764	658792.338
S-3	4/12/1987	2	PVC	35.0	Overburden	24.99	34.99	10.0	182.41	179.79	154.80	144.80	1048572.431	658792.104
S-4	4/13/1987	2	PVC	30.0	Overburden	20.00	30.00	10.0	197.72	182.90	162.90	152.90	1048868.35	658613.024
S-5	4/23/1987	2	PVC	52.0	Overburden	47.00	52.00	5.0	194.05	185.30	138.30	133.30	1048808.217	658863.533
S-7	6/22/1987	2	PVC	22.0	Overburden	17.46	22.46	5.0	183.71	182.66	165.20	160.20	1048750.117	658482.627
S-8	6/20/1987	2	PVC	10.0	Overburden	4.81	8.81	4.0	185.96	183.61	178.80	174.80	1049011.991	658496.396
S-9	6/19/1987	2	PVC	32.0	Overburden	17.56	27.56	10.0	168.56	165.96	148.40	138.40	1048521.006	659169.014
S-10	6/18/1987	2	PVC	32.0	Overburden	19.40	29.40	10.0	168.22	165.70	146.30	136.30	1048597.241	659304.745

Notes
AMSL : Above Mean Sea Level
feet bgs : Feet Below Ground Surface
PVC : Polyvinyl Chloride
ND : No Data
Dia. : Diameter
ID : Identification
Well construction details are from Table 3 - Monitoring Well Construction Details and Appendix G - Monitoring Well and Soil Boring Logs inlcuded in AECOM's 2019 SMP.
[1]According to the Remedial Design Support Report (1992), B-3 and B-5 were deepened in 1990. The total depths shown are the total well depth measurements presented in Table 1 - Summary of Depth to Water Measurements and Groundwater Elevations included in TRC's 2020 PRR.
[2]The well construction log for S-2 could not be located.

Table 2
New York State Department of Environmental Conservation
Schatz Federal Bearings (Site No. 314003) - City of Poughkeepsie, New York
Summary of Homeowner Well Emerging Contaminant Results - September 2020

	Sample Location:	WP-RES-1	
	Sample Name:	SFB-WP-RES-1	
	Lab Sample ID:	480-175023-1	
	Sample Date:	09/10/2020	
Analyte	Guidance Value*		
SVOCs		Results (ug/L)	
1,4-Dioxane	0.35	0.20	U
PFAS		Results (ng/L)	
Perfluorobutanoic acid (PFBA)	NS	4.1	U
Perfluoropentanoic acid (PFPeA)	NS	1.7	U
Perfluorohexanoic acid (PFHxA)	NS	1.7	U
Perfluoroheptanoic acid (PFHpA)	NS	1.7	U
Perfluorooctanoic acid (PFOA)	6.7	1.7	U
Perfluorononanoic acid (PFNA)	NS	1.7	U
Perfluorodecanoic acid (PFDA)	NS	1.7	U
Perfluoroundecanoic acid (PFUnA)	NS	1.7	U
Perfluorododecanoic acid (PFDoA)	NS	1.7	U
Perfluorotridecanoic acid (PFTriA)	NS	1.7	U
Perfluorotetradecanoic acid (PFTeA)	NS	1.7	U
Perfluorobutanesulfonic acid (PFBS)	NS	1.7	U
Perfluorohexanesulfonic acid (PFHxS)	NS	1.7	U
Perfluoroheptanesulfonic acid (PFHpS)	NS	1.7	U
Perfluorooctanesulfonic acid (PFOS)	2.7	1.7	U
Perfluorodecanesulfonic acid (PFDS)	NS	1.7	U
Perfluorooctane Sulfonamide (PFOSA)	NS	1.7	U
2-(N-methyl perfluorooctanesulfonamido) acetic acid (N-MeFOSAA)	NS	4.1	U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine (N-EtFOSAA)	NS	4.1	UJ
6:2 Perfluorooctane Sulfonate (6:2 FTS)	NS	4.1	U
8:2 Perfluorodecane Sulfonate (8:2 FTS)	NS	1.7	U
Total PFAS	NS	*ND*	

Notes:

ng/L - nanograms per liter.

ug/L - micrograms per liter.

ND - Not detected.

U - Analyte was not detected at specified quantitation limit.

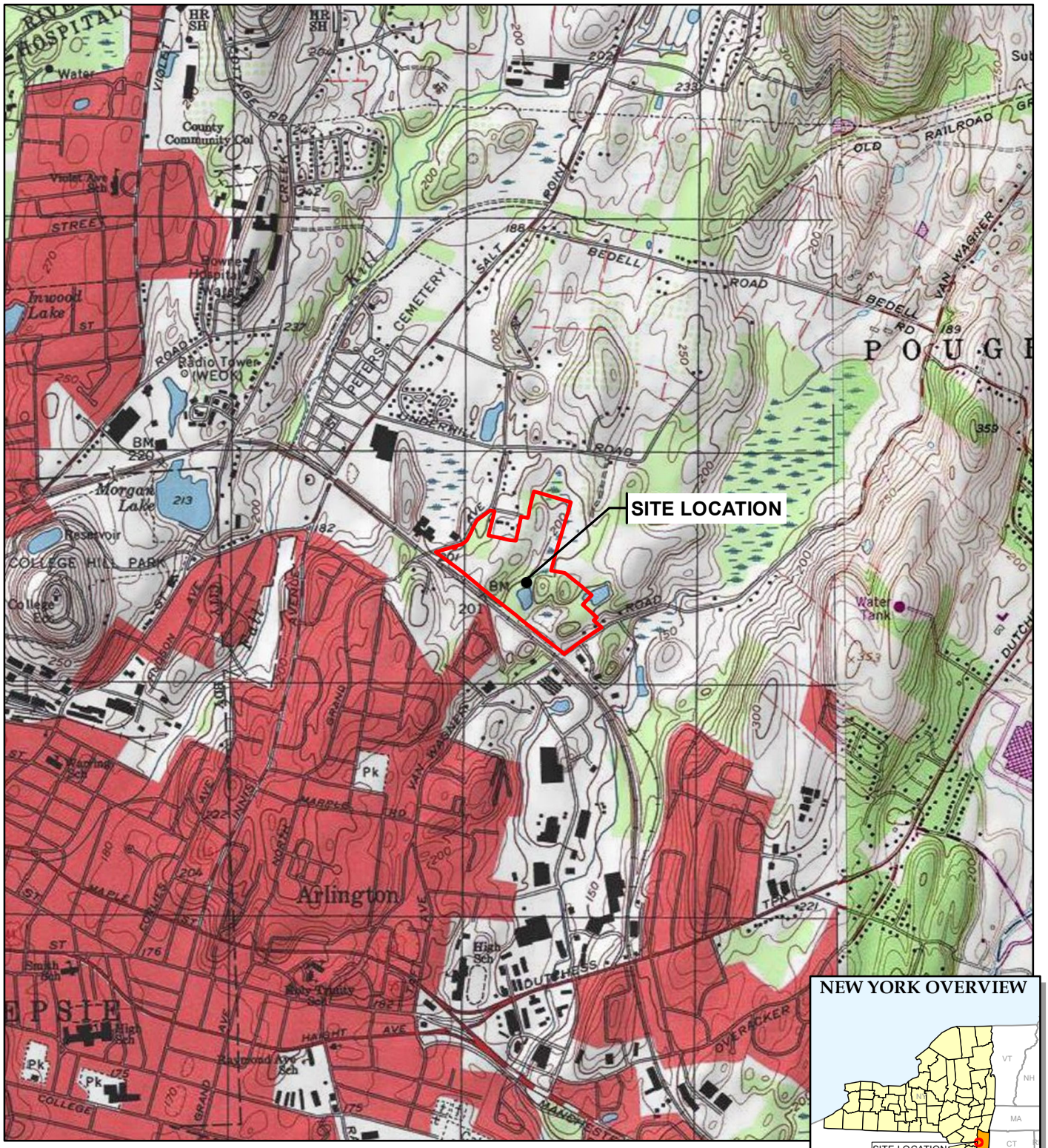
UJ - Estimated non-detect.

SVOCs - Semivolatile Organic Compounds.

PFAS - Per- and Polyfluoroalkyl Substances.

* - NYSDEC Technical and Operational Guidance Series Raw Water Source Guidance Values for Human Health, March 2023.

FIGURES



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES. POUGHKEEPSIE QUAD

1 " = 2,000 '
1:24,000

0 1,000 2,000 FEET

TRC
3 Corporate Drive
Suite 202
Clifton Park, NY 12065
Phone: 518.348.1190

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SCHATZ FEDERAL BEARINGS SITE - SITE NO. 3-14-003
223-247 VAN WAGNER ROAD
POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

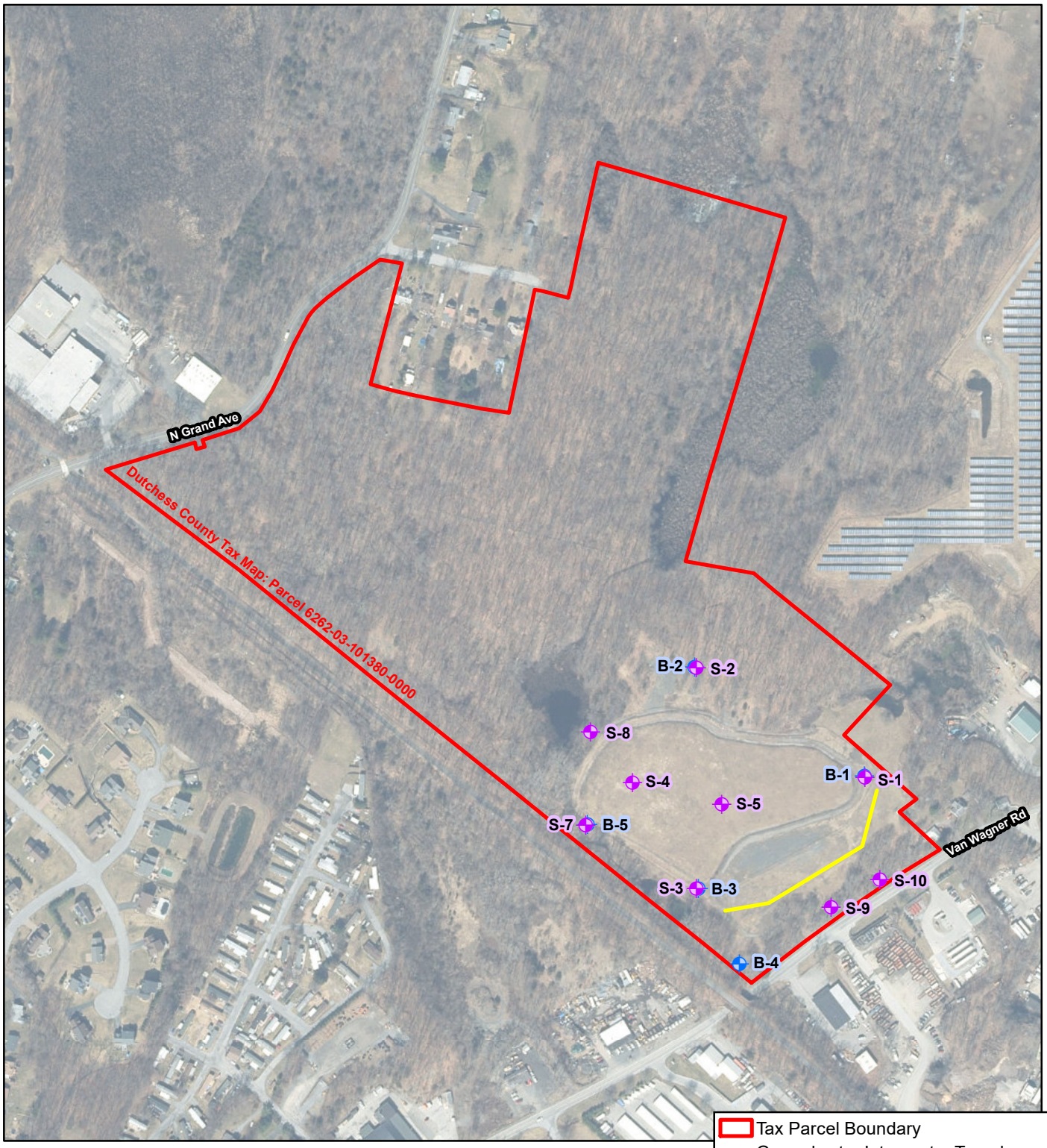
TITLE:

SITE LOCATION MAP

DRAWN BY:	M. OPEL
CHECKED BY:	T. SHANLEY
APPROVED BY:	M. HOSKINS
DATE:	MAY 2023
PROJ. NO.:	470744 TASK 2
FILE:	Fig01_SiteLoc.mxd

FIGURE 1

T:\1-PROJECTS\NYSDEC\S_DRIVE_MXDs\320919_SchatzSite\Fig01_SiteLoc.mxd -- Saved By: LLILL on 5/19/2023, 09:01:09 AM



BASE MAP FROM ESRI

1 " = 400 '
1:4,800

0 200 400
FEET

Tax Parcel Boundary
Groundwater Interceptor Trench
Bedrock Monitoring Well Location
Overburden Monitoring Well Location

Note: All locations and boundaries are approximate

TRC
3 Corporate Drive
Suite 202
Clifton Park, NY 12065
Phone: 518.348.1190

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SCHATZ FEDERAL BEARINGS SITE - SITE NO. 3-14-003
223-247 VAN WAGNER ROAD
POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

TITLE:

SITE LAYOUT MAP

DRAWN BY:	M. OPEL
CHECKED BY:	T. SHANLEY
APPROVED BY:	M. HOSKINS
DATE:	MAY 2023
PROJ. NO.:	470744 TASK 2
FILE:	Fig02_SiteLayout.mxd

FIGURE 2

T:\1-PROJECTS\NYSDEC\S_DRIVE_MXDs\320919_SchatzSite\Fig02_SiteLayout.mxd -- Saved By: LLILL on 5/19/2023, 09:02:34 AM

APPENDIX A

CUSTODIAL RECORD

PERTINENT SITE DOCUMENTS

SCHATZ FEDERAL BEARINGS (NYSDEC SITE NO. 314003)

Metcalf & Eddy of New York, Inc., *Technical Proposal to Conduct a Remedial Investigation and Feasibility Study of the Schatz Federal Bearing Site in Dutchess County,* December 1985

Metcalf & Eddy of New York, Inc., *Contract Document for the Remedial Investigation and Feasibility Study of the Schatz Federal Bearing Site,* January 1986

Metcalf & Eddy of New York, Inc., *Cost Proposal Resubmittal to Conduct a Remedial Investigation and Feasibility Study of the Schatz Federal Bearing Site in Dutchess County,* March 1986

Metcalf & Eddy of New York, Inc., *Remedial Investigation Work Plan, Schatz Federal Bearing Site, Poughkeepsie, NY,* October 1986

Metcalf & Eddy of New York, Inc., *Remedial Investigation Report (Volume 1),* Schatz Federal Bearings Site, April 1988

Metcalf & Eddy of New York, Inc., *Remedial Investigation Report (Volume 2),* Schatz Federal Bearings Site, April 1988

Metcalf & Eddy of New York, Inc., *Feasibility Study Report, Schatz Federal Bearing Site, Poughkeepsie, New York,* September 1988

New York State Department of Environmental Conservation, *Schatz Federal Bearing Site Record of Decision,* Schatz Federal Bearings Site, March 1989

New York State Department of Environmental Conservation, *Proposed Amendment to the Record of Decision, Schatz Federal Bearings Site*, March 1994

AECOM Technical Services Northeast, Inc., *Periodic Review Report, June 1, 1997 to January 14, 2007,* Schatz Federal Bearings Site, December 2011

AECOM Technical Services Northeast, Inc., *Periodic Review Report, March 30, 2011 to March 30, 2014,* Schatz Federal Bearings Site, April 2014

AECOM Technical Services Northeast, Inc., *Site Management Plan,* Schatz Federal Bearings Site, April 2014

AECOM Technical Services Northeast, Inc., *Periodic Review Report, March 30, 2014 to March 30, 2017,* Schatz Federal Bearings Site, April 2017

AECOM Technical Services Northeast, Inc., *Site Management Plan,* Schatz Federal Bearings Site, April 2019

TRC Engineers, Inc., *Periodic Review Report, March 2017 – March 2020,* Schatz Federal Bearings Site, July 2020

TRC Engineers, Inc., *Site Management Plan, Addendum No. 1,* Schatz Federal Bearings Site, March 2021

SITE HISTORY

SCHATZ FEDERAL BEARINGS SITE (NYSDEC SITE NO. 314003)

Date	Description
1935 – 1973	Approximately 125,000 yards of mixed industrial and municipal waste was deposited into the landfill located at 223-247 Van Wagner Road in Poughkeepsie, New York. Schatz Federal Bearings operated the Site from 1949 to 1973 and deposited considerable amounts of waste, including grinding sludge, metal filings, broken grinding wheels, metal washers, twine, burlap, solvents, coolants, and oil saturated sorbent material into the landfill.
1986 – 1988	Prior to the remedial investigation, several waste materials were visible and able to be identified throughout the Site, such as rusted drums in on-Site ponds. A Remedial Investigation/Feasibility Study (RI/FS) was completed for the New York State Department of Environmental Conservation (NYSDEC). Elevated levels of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals were detected in on-Site soil and pond sediments. The overburden aquifer was found to be contaminated with VOCs, barium, chromium, and zinc. The bedrock aquifer was found to be contaminated with VOCs, PCBs, and metals. Contaminants were detected off-Site in both upgradient and downgradient private wells.
March 1989	The NYSDEC issued a Record of Decision (ROD) requesting extensive treatment of contaminated groundwater, excavation of municipal waste, installation of a liner system, landfill cap, and cover system. Groundwater monitoring wells were additionally installed.
July 1992	A Remedial Design Study was completed by Metcalf & Eddy of New York, Inc. The study indicated that portions of the selected remedy were not applicable to the Site. Concentrations of contaminants in groundwater samples were found to be significantly decreased from concentrations recorded in 1988.
March 1994	The NYSDEC amended the ROD to include solidification and stabilization of slag wastes. Waste containing high levels of PCBs was removed and disposed of off-Site. Site access controls, institutional controls, and long-term environmental monitoring was established.
June 1997	Construction of the landfill cap was completed, and a Site inspection and groundwater monitoring program were put in place.
December 2011	AECOM Technical Services Northeast, Inc. (AECOM) prepared the first Periodic Review Report (PRR) for the Site covering the period June 1, 1997 to January 14, 2007.
April 2014	A Site Management Plan (SMP) was prepared to initiate an updated groundwater monitoring and Site inspection schedule. An Environmental Notice was placed on the Site. AECOM prepared the second PRR for the period March 30, 2011 to March 30, 2014.

April 2019	The SMP was revised to include dissolved phase metals in the groundwater sampling program in addition to routine surface water and sediment sampling.
July 2020	TRC Engineers, Inc. (TRC) prepared the third PRR for the period March 30, 2017 to March 30, 2020.
March 2021	TRC prepared an addendum to the SMP to include the April 2014 Environmental Notice and the requirement for a potential vapor intrusion evaluation for any buildings developed on the Site. The addendum also modified the inspection frequency to annually and the groundwater, surface water, and sediment monitoring to every three years, and removed the Groundwater Monitoring Report requirement. The required analyte list for groundwater monitoring was also updated to include per- and polyfluoroalkyl substances (PFAS).

APPENDIX B

Enclosure 1
Engineering Controls - Standby Consultant/Contractor Certification Form

Site Details **Box 1**

Site No. 314003

Site Name Schatz Federal Bearings

Site Address: 223-47 Van Wagner Road Zip Code: 12602
City/Town: Poughkeepsie
County: Dutchess
Site Acreage: 5.0

Reporting Period: March 30, 2020 to March 30, 2023

	YES	NO
1. Is the information above correct?	X	
If NO, include handwritten above or on a separate sheet.		
2. To your knowledge has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		X
3. To your knowledge has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. To your knowledge have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
5. To your knowledge is the site currently undergoing development?		X

Box 2

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

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.

Signature of Standby Consultant/Contractor Date

SITE NO. 314003 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
134689-6262-03-101380-000	MC KEBE CORPORATION	
		Monitoring Plan
		Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan

Environmental Notice requires:
Compliance with the site management plan (SMP;
groundwater use restriction;
land-use resitciton for industrial use only;
No interference with the engineering controls;
Excavations or disturbance of soils must be done in accordance with the SMP.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
134689-6262-03-101380-0000	
	Fencing/Access Control Cover System Cover System Fencing/Access Control

Cap, monitoring wells, fencing.

Annual inspection of fencing perimeter control and integrity of cap done by DER PM.

Additional inspections to be done if a major weather event should take place.

Box 5

Periodic Review Report (PRR) Certification Statements

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

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification, including data and material prepared by previous contractors for the current certifying period, if any;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☐	☐

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

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

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

   (c) nothing has occurred that would constitute a failure to comply with the Site Management Plan, or equivalent if no Site Management Plan exists.

YES	NO
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.

_____ _____

Signature of Standby Consultant/Contractor Date

Box 6

IC/EC CERTIFICATIONS

Professional Engineer Signature

I certify that all information in Boxes 2 through 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Marie Dowd at TRC Engineers, Inc.
print name

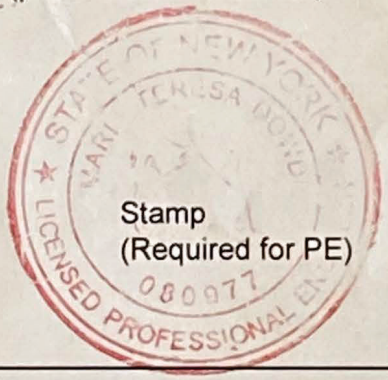
3 Corporate Drive, Suite 202

Clifton Park, NY 12065
(print business address)

am certifying as a Professional Engineer.

Signature of Professional Engineer Marie Dowd

Stamp
(Required for PE)



Date 7/28/2023

APPENDIX C

TRC		**DATE: Wednesday, June 24, 2020**
		REPORT NO. 20200624
		PAGE NO. 1 OF 2
		PROJECT NO. 320919.0000.0000
		LOGBOOK NO. -- PAGES -- to --

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Schatz Federal Bearings
LOCATION	Poughkeepsie, New York
ATTACHMENTS	Photo Log

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
Cloudy	9:30	70°F	None	0-5	SSE
Cloudy	12:30	80°F	None	0-5	SSE

SITE CONDITIONS: Clear

WORK GOAL FOR DAY: Site Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Steve Johansson	TRC Engineers, Inc.	09:30	12:30
Caitlin Serowik	TRC Engineers, Inc.	09:30	12:30

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: Steve Johansson

H & S NOTES: Site work performed in Level D PPE

TRC		**DATE: Wednesday, June 24, 2020**
		REPORT NO. 20200624
		PAGE NO. 2 OF 2
		PROJECT NO. 320919.0000.0000

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

TRC Engineers, Inc. (TRC) conducted a semi-annual site inspection event on Wednesday, June 24, 2020 at the Former Schatz Federal Bearings Site (Site) located on Van Wagner Road approximately two miles northeast of downtown Poughkeepsie, NY. The objective of the site inspection was to document conditions of the landfill cap, perimeter drainage channel, drainage swales, groundwater monitoring wells, landfill gas vents, access roads, and fence lines.

TRC conducted a site walk and site inspection. All Site wells were in good condition. The landfill inspection included walking the perimeter of the landfill and across areas of the landfill cap. The landfill cap was dry and the soil stable, meaning no visible erosion, cracks, settlement or seeps were observed. The landfill cap is intact and in good condition. One animal burrow was noted on the southern portion of the cap. No animals were observed at the time of the inspection.

The drainage swales, channels and culverts appear to be in good condition, however vegetation in the drainage channels is currently tall and could possibly impede the flow of water. The swales and channels are stable with no noticeable areas of active erosion. Site access roads around the perimeter of the Site are in good condition, with no signs of erosion along the road. The perimeter fence is in good condition and the gates are secure, except for a fallen tree that has slightly damaged the fence.

The landfill gas venting system was inspected for signs of damage during the site inspection. The inspection was limited to visible portions of the system, and the ground surface over the gas collection lines. The passive landfill gas vents appeared in good condition, properly secured and functioning. The ground surface above the gas collection system lines and around the gas collection vents appeared to be in good condition without any evidence of settlement along lines or vent pipes. No animal borrows, or voids, were observed around the gas vents, and no gas odors or problems related to the gas venting system were observed during the site inspection.

PREPARED BY (OBSERVER):	**REVIEWED BY:**
PRINT NAME: Caitlin Serowik	**PRINT NAME:** Nate Kranes

NYSDEC Former Schatz Federal Bearings Site
Photograph Log
Date: June 24, 2020

Photo 1: View of the landfill cap area from the southwest near monitoring wells B-3/S-3.

Photo 2: Monitoring wells B-3 and S-3 near the entrance gate on the south side and the western perimeter area of the landfill.

Photo 3: Tree that has fallen on the perimeter fence on the southern portion of the landfill.

Photo 4: Thick vegetation located in the drainage areas near the southern portion of the landfill

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
320919.0000 .0000	Cait Serowik	1 of 1	NYSDEC	Former Schatz Federal Bearings Poughkeepsie, NY	TRC

TRC		**DATE: Tuesday, March 23, 2021**
		REPORT NO. 20210323
		PAGE NO. 1 OF 2
		PROJECT NO. 320919.0000.0000
		LOGBOOK NO. -- PAGES -- to --

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Schatz Federal Bearings
LOCATION	Poughkeepsie, New York
ATTACHMENTS	Photo Log

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
Partly Cloudy	9:30	47°F	None	0-5	SE
Partly Cloudy	12:30	53°F	None	0-5	SE

SITE CONDITIONS: Party cloudy, Dry

WORK GOAL FOR DAY: Site Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Steve Johansson	TRC Engineers, Inc.	08:00	09:30
Caitlin Serowik	TRC Engineers, Inc.	08:00	09:30

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: Steve Johansson

H & S NOTES: Site work performed in Level D PPE

TRC		**DATE: Tuesday, March 23, 2021**
		REPORT NO. 20210323
		PAGE NO. 1 OF 2
		PROJECT NO. 320919.0000.0000

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

TRC Engineers, Inc. (TRC) performed a semi-annual site inspection event on Tuesday, March 23, 2021 at the Former Schatz Federal Bearings Site (Site) located on Van Wagner Road, about two miles northeast of downtown Poughkeepsie, NY. The purpose of the site inspection was to confirm the conditions of the landfill cap, fence lines, perimeter drainage channel, landfill gas vents, drainage swales, groundwater monitoring wells, and access roads.

TRC conducted a complete site walk and site inspection. Site wells are in good condition. The landfill inspection included walking the perimeter of the landfill and across areas of the landfill cap. The landfill cap was dry and the soil stable, meaning no visible erosion, cracks, settlement or seeps were observed. The landfill cap is intact and in good condition. No animal burrows were observed throughout the cap. No animals were observed at the time of the inspection.

The drainage swales, channels and culverts appear to be in good condition and functioning as intended. Vegetation in the drainage channels is currently short and should not impede the flow of water. The swales and channels are stable with no noticeable areas of active erosion. Site access roads around the perimeter of the Site are in good condition, with no signs of erosion along the road. The perimeter fence is in good condition and the gates are secure, except for a fallen tree that has slightly damaged the fence. The team was able to pull the tree down during the site inspection. The landfill gas venting system was inspected for signs of damage during the site inspection. The inspection was limited to visible portions of the system, and the ground surface over the gas collection lines. The passive landfill gas vents appeared in good condition, properly secured and functioning. The ground surface above the gas collection system lines and around the gas collection vents appeared to be in good condition without any evidence of settlement along lines or vent pipes. No animal borrows, or voids, were observed around the gas vents, and no gas odors or problems related to the gas venting system were observed during the site inspection.

PREPARED BY (OBSERVER):	**REVIEWED BY:**
PRINT NAME: Caitlin Serowik	**PRINT NAME:** Nate Kranes

NYSDEC Former Schatz Federal Bearings Site
Photograph Log
Date: March 23, 2021

Photo 1: View of the closed and locked entrance gate to the Site.

Photo 2: Monitoring wells B-3 and S-3 near the entrance gate on the south side and the western perimeter area of the landfill.

Photo 3: Looking southwest to the pond area located near the entrance of the Site.

Photo 4: Overview of the landfill cap as taken from the southwest site boundary looking northeast.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
320919.0000 .0000	Cait Serowik	1 of 2	NYSDEC	Former Schatz Federal Bearings Poughkeepsie, NY	TRC

NYSDEC Former Schatz Federal Bearings Site
Photograph Log
Date: March 23, 2021

Photo 5: Area of where the tree had landed on the fence that was removed by the team during the inspection. Located by the northwest corner of the Site.

Photo 6: View of the northern fenced in Site boundary and drainage trench.

Photo 7: Monitoring wells B-1 and S-31 located at the northeast corner of the site. View looking northeast.

Photo 8: Overview of the landfill taken from the southeastern site boundary looking to the southwest.

TRC		**DATE: Tuesday, November 2, 2021**
		REPORT NO. 20211102
		PAGE NO. 1 OF 2
		PROJECT NO. 320919.0000.0000
		LOGBOOK NO. -- PAGES -- to --

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Schatz Federal Bearings
LOCATION	Poughkeepsie, New York
ATTACHMENTS	Photo Log

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
Partly Cloudy	11:00	50°F	None	0-5	SE
Partly Cloudy	12:00	50°F	None	0-5	SE

SITE CONDITIONS: Partly cloudy, Dry

WORK GOAL FOR DAY: Site Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Andrew Fishman	TRC Engineers, Inc.	11:00	12:00

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: Jonathan Bone

H & S NOTES: Site work performed in Level D PPE

TRC		**DATE: Tuesday, November 2, 2021**
		REPORT NO. 20211102
		PAGE NO. 2 OF 2
		PROJECT NO. 320919.0000.0000

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

TRC Engineers, Inc. (TRC) performed a semi-annual site inspection event on Tuesday, November 2, 2021 at the Former Schatz Federal Bearings Site (Site) located on Van Wagner Road, about two miles northeast of downtown Poughkeepsie, NY. The purpose of the site inspection was to confirm the conditions of the landfill cap, fence lines, perimeter drainage channel, landfill gas vents, drainage swales, groundwater monitoring wells, and access roads.

TRC conducted a complete site walk and site inspection. Site wells are in good condition. The landfill inspection included walking the perimeter of the landfill and across areas of the landfill cap. The landfill cap was dry and the soil stable, meaning no visible erosion, cracks, settlement or seeps were observed. The landfill cap is intact and in good condition. No animal burrows were observed throughout the cap. No animals were observed at the time of the inspection.

The drainage swales, channels and culverts appear to be in good condition and functioning as intended. Vegetation in the drainage channels is currently short and should not impede the flow of water. The swales and channels are stable with no noticeable areas of active erosion. Site access roads around the perimeter of the Site are in good condition, with no signs of erosion along the road. The perimeter fence is in good condition and the gates are secure. The landfill gas venting system was inspected for signs of damage during the site inspection. The inspection was limited to visible portions of the system, and the ground surface over the gas collection lines. The passive landfill gas vents appeared in good condition, properly secured and functioning. The ground surface above the gas collection system lines and around the gas collection vents appeared to be in good condition without any evidence of settlement along lines or vent pipes. No animal borrows, or voids, were observed around the gas vents, and no gas odors or problems related to the gas venting system were observed during the site inspection.

PREPARED BY (OBSERVER):	**REVIEWED BY:**
PRINT NAME: Andrew Fishman	**PRINT NAME:** Caitlin Serowik

NYSDEC Former Schatz Federal Bearings Site
Photograph Log
Date: November 2, 2021

Photo 1: View of the closed and locked entrance gate.

Photo 2: Monitoring wells B-3 and S-3 near the entrance gate on the south side and the western perimeter area of the landfill.

Photo 3: Looking southwest to the pond area located near the entrance of the Site.

Photo 4: Overview of the landfill cap as taken from the north-east site boundary looking south-west.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
320919.0000 .0000	Andrew Fishman	1 of 2	NYSDEC	Former Schatz Federal Bearings Poughkeepsie, NY	TRC

NYSDEC Former Schatz Federal Bearings Site
Photograph Log
Date: November 2, 2021

Photo 5: View of swale running west in the northern section of site.

Photo 6: View of the western landfill cap.

Photo 7: View of the fence running along the south side of the site.

Photo 8: View of access gate in the south-west corner of the site.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
320919.0000 .0000	Andrew Fishman	2 of 2	NYSDEC	Former Schatz Federal Bearings Poughkeepsie, NY	TRC

Report No. 0220301 **Schatz Federal Bearings- NYSDEC Site No. 314003** Date: 3/1/2022

NYSDEC
Division of Environmental Remediation

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NYSDEC Contract No. D009812-25

Superintendent: NA

NYSDEC PM: Robert Strang

Consultant PM: Matthew Hoskins

Consultant Site Inspectors:

Kevin Murphy and Taylor Shanley

Site Location: Former Schatz Federal Bearings - Van Wagner Rd, Poughkeepsie, NY

Weather Conditions

General Description	Overcast, Dry	AM	Overcast, Dry	PM
Temperature	37 °F	AM	37 °F	PM
Wind	11 mph N	AM	11 mph N	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No **X**	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No **X**	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No **X**	NA

Health & Safety Comments

Site work performed in Level D PPE.

Summary of Work Performed	Arrived at site:	11:00	Departed Site:	12:50

TRC Companies (TRC) performed an annual site inspection event on Tuesday, March 1, 2022, at the Former Schatz Federal Bearings Site (Site) located on Van Wagner Road, approximately two miles northeast of downtown Poughkeepsie, NY. The purpose of the site inspection was to confirm the conditions of the landfill cap, fence lines, perimeter drainage channels, landfill gas vents, drainage swales, groundwater monitoring wells, and access roads.

While on site, TRC conducted a complete site walk and site inspection. Site well conditions were recorded on the attached monitoring well field inspection logs. Most wells were noted in good condition with the exception of B-1, B-5, S-4, S-7, and S-8. Monitoring well B-1 was noted as missing the well casing cap and was unable to be locked given that the top of the well casing was flush with the top of the protective casing which does not allow space for the locking mechanism of the protective casing lid. Monitoring well B-5 was noted as missing the locking protective casing lid. Monitoring well S-4 was noted as having damage to the locking components of the protective casing cap which prevented the well from being locked. Monitoring well S-7 was noted as missing the locking protective casing lid. Monitoring well S-7 was also noted as having a bent well casing due to water freezing between the exterior of the well casing and the interior of the protective casing. TRC was unable to access well S-8 due to flooded/frozen conditions. The flooding did not appear to impact the landfill. TRC recommends well maintenance be completed prior to the next annual groundwater sampling event.

The landfill inspection included walking the perimeter of the landfill and across areas of the landfill cap. The landfill cap was dry and the soil stable and no visible erosion, cracks, settlement, or seeps were observed. The landfill cap is intact and in good condition. No animal burrows were observed throughout the cap. No animals were observed at the time of the inspection. The drainage swales, channels and culverts appear to be in good condition and functioning as intended. Vegetation in the drainage channels is currently short and should not impede the flow of water. The swales and channels are stable with no noticeable areas of active erosion. Site access roads around the perimeter of the Site are in good condition, with no signs of erosion along the road. Damage to the perimeter fence was observed east of monitoring well S-8. Additional damage was observed on each side of the entrance gate near Van Wagner Road. TRC recommends repairs be made to the perimeter fence and removal of the downed tree near entrance gate.

The landfill gas venting system was inspected for signs of damage during the site inspection. The inspection was limited to visible portions of the system, and the ground surface over the gas collection lines. The passive landfill gas vents appeared in good condition, properly secured and functioning. The ground surface above the gas collection system lines and around the gas collection vents appeared to be in good condition without any evidence of settlement along lines or vent pipes. No animal borrows, or voids, were observed around the gas vents, and no gas odors or problems related to the gas venting system were observed during the site inspection.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA **X**
Were there any vehicles which were not tarped?	* Yes	No	NA **X**
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA **X**

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Murphy	TRC Companies	Project Scientist	3
Taylor Shanley	TRC Companies	Staff Engineer	3

Equipment Description	Contractor/Vendor	Quantity	Used
Not Applicable			

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
Not Applicable						

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Not Applicable

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**

Site Representatives

Name	Representing
Kevin Murphy	TRC Companies
Taylor Shanley	TRC Companies

Project Schedule Comments

Not Applicable.

Issues Pending

Not Applicable.

Interaction with Public, Property Owners, Media, etc.

None

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)

Photo 1 – Fence damage and downed trees near gate along Van Wagner Road.

Photo 2 – Downed trees near gate along Van Wagner Road.

Photo 3 – Looking north towards landfill entrance.

Photo 4 – Looking northeast at overview of landfill cap taken from the western portion of the landfill.

Photo 5 – Looking east at swale located in northern portion of landfill.

Photo 6 – Looking north at damage to the fence along the northern boundary of the landfill.

	
Photo 7 – Looking north typical landfill gas vent observed during inspection.	**Photo 8** – Looking north at S-8 located in a flooded and frozen drainage area northwest of the landfill.
	
Photo 8 – Well casing damage observed in S-7.	**Photo 7** – Typical monitoring well observed in good condition. Well B-3 shown in photograph.
Comments	
Site Inspector(s): Kevin Murphy, Taylor Shanley	**Date: 3/1/2022**

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ☒	No ☐
Is the tail gate safety meeting held outdoors?	Yes ☒	No ☐
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☒	No ☐
Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐
Are sanitizing wipes, wash stations or spray available?	Yes ☒	No ☐
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes ☐	No ☒
Comments:		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes ☐	No ☒
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes ☐	No ☒
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☒	No ☐
If Yes to <u>any</u> of 1-4 above: • If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. • If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.	Yes ☐	No ☐

Comments: Not applicable. No remedial activities being performed on-Site.

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒
Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: Not applicable. No remedial activities being performed on-Site.			

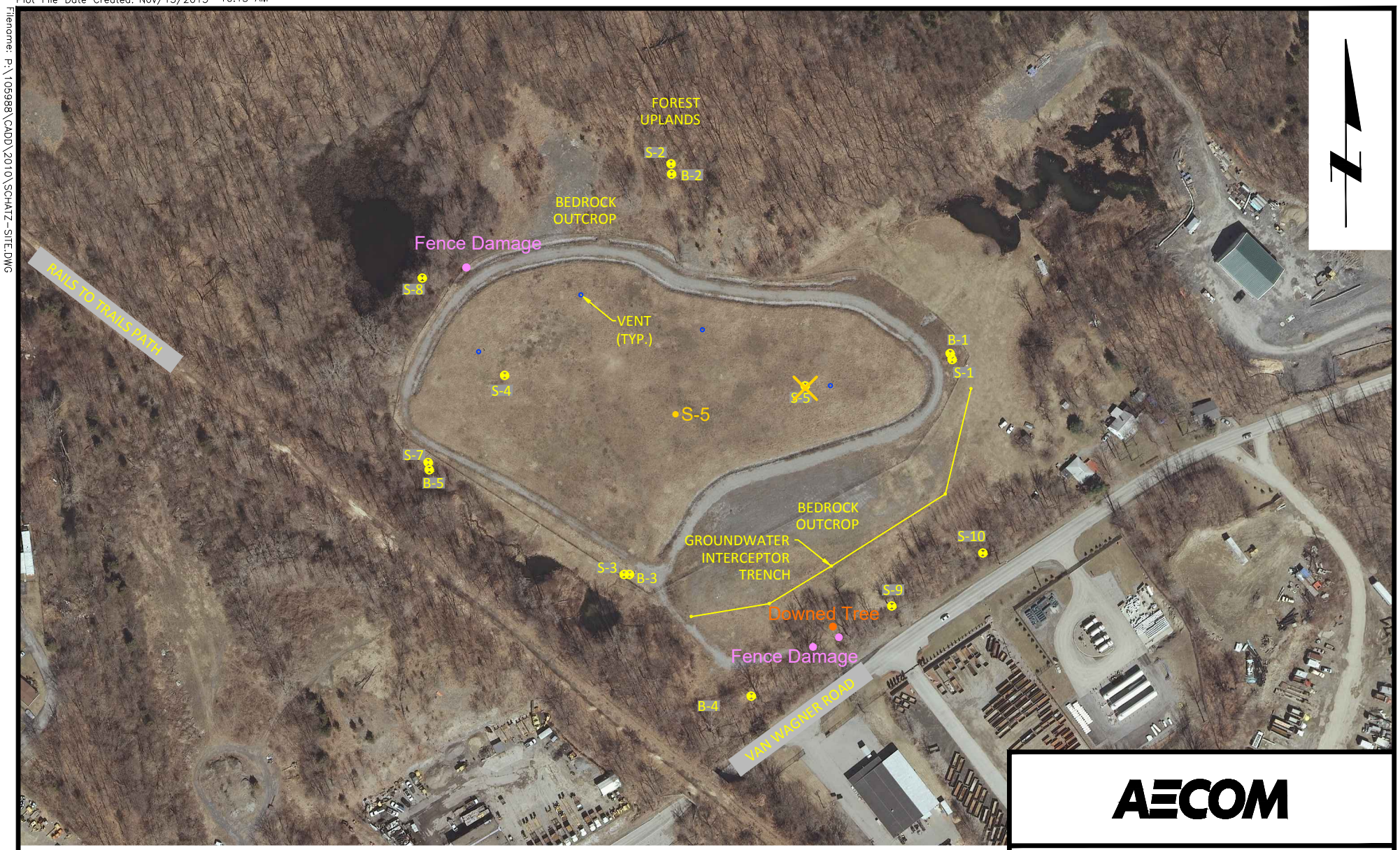
RESILIENCE/GREEN REMEDIATION CHECKLIST

Is the site supplied with green power and is it properly installed and/or maintained?	Yes ☐	No ☐	N/A☒
Is the site employing 2007 or newer or retrofitted diesel trucks?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is equipment properly maintained and operated by trained personnel?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points?	AM ☐	PM ☐	N/A☒
Are products and materials appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒

Are resiliency features included in the design or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Are appropriate metrics documented for inclusion on Form A, Summary of Green Remediation Metrics, by the CONTRACTOR?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☐
Comments: Not applicable. No remedial activities being performed on-Site.			

Plotted By: meisterk
Layout–Sheet Name: MW
Plot File Date Created: Nov/13/2013 10:13 AM

Filename: P:\105988\CADD\2010\SCHATZ-SITE.DWG



REFERENCE:
BASE MAPPING PHOTOGRAPH FROM NYS CLEARINGHOUSE. WELL LOCATIONS ARE APPROXIMATE.

0' 100' 200' 400'

AECOM

MONITORING WELL LOCATION MAP

FORMER SCHATZ FEDERAL BEARINGS SITE

NYSDEC SITE No. 3-14-003

POUGHKEEPSIE, NEW YORK

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
SCHATZ-SITE.dwg	KAM	60299644	11 - 2013	2

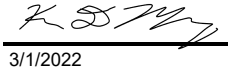
Site-Wide Semi-Annual Inspection Form

Schatz Federal Bearing
Van Wagner Road
Poughkeepsie, New York

Engineering Control (s): Perimeter Fence, Landfill Cap, Passive Landfill Gas Vents, Monitoring Wells Inspection Date: March 1, 2022

Item	Yes	No	N/A	Comments
Does the Engineering Control continue to perform as designed?	X			Minor repairs to fence and monitoring wells reccomended. Recommendations noted in field report.
Does the Engineering Control continue to protect human health and the environment?	X			
Does the Engineering Control comply with requirements established in the SMP?	X			
Has remedial performance criteria been achieved or maintained?	X			Site undergoing monitoring.
Has sampling and analysis of appropriate media been performed during the monitoring event?		X		
Have there been any modifications made to the remedial or monitoring system?		X		
Does the remedial or monitoring system need to be changed or altered at this time?		X		
Has there been any intrusive activity, excavation, or construction occurred at the site?		X		
Were the activities mentioned above, performed in accordance with the SMP?			X	No intrustive activity, excavation, or construction has occurred.
Was there a change in the use of the site or were there new structures constructed on the site?		X		
In case a new occupied structure is constructed or the use of the current building changed, was a vapor intrusion evaluation done?			X	No buildings on-Site.
Were new mitigation systems installed based on monitoring results?		X		
Were the groundwater wells in the monitoring network inspected during this site inspection? If so, were the Monitoring Well Field Inspection Logs Completed?	X			See attached inspection logs.

Note: Upon completion of the form any non-conforming items warranting corrective action should be identified here within.

Name of Inspector: Kevin Murphy, Taylor Shanley Signature of Inspector: 

Inspector's Company: TRC Engineers Date: 3/1/2022

IMMEDIATELY REPORT ANY FAILURE OR DEFECT TO THE PROJECT MANAGER SO A COUNTERMEASURE PLAN CAN BE IMPLEMENTED.

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: TS & KM
DATE/TIME: 3-1-22/1130
WELL ID.: B-4

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-4

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft. Stainless Steel
PROTECTIVE CASING MATERIAL TYPE: bin.
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): —

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 4 in.
WELL CASING MATERIAL: Stainless Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Easily accessible, in some brush

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
In wooded area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
NA

REMARKS:

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: TS
DATE/TIME: 3-1-22
WELL ID.: B-5

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-5

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft stickup

PROTECTIVE CASING MATERIAL TYPE: Stainless Steel

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6in.

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —

MEASURE WELL DIAMETER (Inches): 4in

WELL CASING MATERIAL: PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING: Fair

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

On outside of landfill cap perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

West side of landfill cap, in brushy area that slopes down to stream

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Well casing loose, Missing protective casing locking lid

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: TS
DATE/TIME: 3-1-22
WELL ID.: S-1

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-1

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): ≈ 3ft
PROTECTIVE CASING MATERIAL TYPE: Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6in.

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		N/A
DID YOU REPLACE THE LOCK?		
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2in
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Inside landfill cap perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Eastern boundary of landfill cap

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-013
INSPECTOR: TS
DATE/TIME: 3-1-22
WELL ID.: S-2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-2

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft stickup
PROTECTIVE CASING MATERIAL TYPE: stainless steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4in.

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2in
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Outside landfill cap perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
In wooded area, clear of brush and trees

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
(e.g. Gas station, salt pile, etc.):
None

REMARKS:

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: TS KM
DATE/TIME: 3-1-22/1140
WELL ID.: ~~B-3~~ S-3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-3

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft
PROTECTIVE CASING MATERIAL TYPE: Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6in.

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2in.
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Within fenced landfill area

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
At Southern entrance to landfill cap

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
None

REMARKS:

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: JS
DATE/TIME: 3-1-22
WELL ID.: S-5

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		X

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-5

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft Stickup
PROTECTIVE CASING MATERIAL TYPE: Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): —

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2in
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
In central portion of landfill cap, enclosed by perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
· Central portion of landfill cap ·

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
None

REMARKS:
Location noted on site figure

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 3-14-003
INSPECTOR: TS
DATE/TIME: 3-1-22
WELL ID.: S-8

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-8

	YES	NO
SURFACE SEAL PRESENT? See remarks		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2ft stickup
PROTECTIVE CASING MATERIAL TYPE: 4in
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		
WELL MEASURING POINT VISIBLE? See remarks		

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2in.
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: See remarks
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Outside landfill cap perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located next to pond

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Unable to open well due to ~~frozen~~ ice surrounding well

Sketch

DRAFT

SITE NAME: Schatz

SITE ID.: 314-003
INSPECTOR: TS
DATE/TIME: 12:40/3-1-22
WELL ID.: S-9

MONITORING WELL FIELD INSPECTION LOG

	YES	NO	
WELL VISIBLE? (If not, provide directions below)	X		
WELL COORDINATES? NYTM X_____ NYTM Y_____			
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____			
GPS Method (circle) Trimble And/Or Magellan			
WELL I.D. VISIBLE?	X		
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:			S-9
SURFACE SEAL PRESENT?	X		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X		
HEADSPACE READING (ppm) AND INSTRUMENT USED			—
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)			2 ft stickup
PROTECTIVE CASING MATERIAL TYPE:			Stainless steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):			4in
LOCK PRESENT?	X		
LOCK FUNCTIONAL?	X		
DID YOU REPLACE THE LOCK?			NA
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)			X
WELL MEASURING POINT VISIBLE?	X		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):			—
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):			—
MEASURE WELL DIAMETER (Inches):			2in
WELL CASING MATERIAL:			PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:			Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			Painted label
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES			None

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

In wooded area, on outside of perimeter fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Southeastern edge of landfill boundary, outside fence.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None

REMARKS:

Sketch

SITE NAME: Schatz

SITE ID.:
INSPECTOR: KMTS
DATE/TIME: 1215 3/1/21
WELL ID.: B1

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B1

	YES	NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		X
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 4" steel stickup
PROTECTIVE CASING MATERIAL TYPE: steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 4"
WELL CASING MATERIAL: steel
PHYSICAL CONDITION OF VISIBLE WELL CASING: good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: none

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
good, landfill cap/field

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
landfill cap/field

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
none

REMARKS:

Sketch

SITE NAME: Schutz

SITE ID.:
INSPECTOR: KM+TS
DATE/TIME: 1204 3/1/21
WELL ID.: B2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B2

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): stickup 2'
PROTECTIVE CASING MATERIAL TYPE: steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 4"
WELL CASING MATERIAL: steel
PHYSICAL CONDITION OF VISIBLE WELL CASING: good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: none

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

good, clear

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

wooded area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

none

REMARKS:

Sketch

SITE NAME: Schatz

SITE ID.:

INSPECTOR: KM+TS

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/1/22 1140

WELL ID.: B3

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____

PDOP Reading from Trimble Pathfinder:_____ Satelites:_____

GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B3

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2'

PROTECTIVE CASING MATERIAL TYPE: Stainless

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —

MEASURE WELL DIAMETER (Inches): 4"

WELL CASING MATERIAL: PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING: loose but attached

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: none

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED

landfill cap / field 5 entrance

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

none

REMARKS:

Sketch

SITE NAME: Schatz

SITE ID.:

INSPECTOR: KMH TJ

DATE/TIME: 1227 7/1/27

WELL ID.: 54

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____

PDOP Reading from Trimble Pathfinder:_____ Satelites:_____

GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: 54

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		X

HEADSPACE READING (ppm) AND INSTRUMENT USED: —

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): stickup 3'

PROTECTIVE CASING MATERIAL TYPE: steel

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —

MEASURE WELL DIAMETER (Inches): 2"

WELL CASING MATERIAL: PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING: good

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: no

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

good

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

field / landfill cap

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

none

REMARKS:

locking components of stick up damged

Sketch

SITE NAME: Schatz

SITE ID.:
INSPECTOR: KMITS
DATE/TIME: 3/1/22 1148
WELL ID.: 57

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: 57

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): steel stickup
PROTECTIVE CASING MATERIAL TYPE: steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: bent
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: none

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

ok, in thick overgrowth

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

in thick overgrowth

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

none

REMARKS:

well casing bent ~1' AGL, no locking lid for stickup

Sketch

SITE NAME: Schatz

SITE ID.:

INSPECTOR: KM+TS

DATE/TIME: 1246 3/1/22

WELL ID.: 510

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____

PDOP Reading from Trimble Pathfinder:_____ Satelites:_____

GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: 510

	YES	NO
SURFACE SEAL PRESENT?	—	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	—	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: —

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): —

PROTECTIVE CASING MATERIAL TYPE: —

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): —

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)	—	—
WELL MEASURING POINT VISIBLE?	—	—

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): —

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): —

MEASURE WELL DIAMETER (Inches): 2"

WELL CASING MATERIAL: —

PHYSICAL CONDITION OF VISIBLE WELL CASING: —

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: paint

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: none

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

poor, overgrown

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Overgrown wooded area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

none

REMARKS:

lock stuck, appears to be functioning (not frozen) may have wrong code

Sketch

Report No. 20220728 **Schatz Federal Bearings- NYSDEC Site No. 314003** Date: 7/28/2022

NYSDEC
Division of Environmental Remediation

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NYSDEC Contract No. D009812-25

Superintendent: NA

NYSDEC PM: Robert Strang

Consultant PM: Matthew Hoskins

Consultant Site Inspectors:

Richard DePolo & Taylor Shanley

Site Location: Former Schatz Federal Bearings Van Wagner Rd, Poughkeepsie, NY

Weather Conditions

General Description	Sunny, Dry	AM	Sunny, Dry	PM
Temperature	70 °F	AM	90 °F	PM
Wind	0 - 5 mph N	AM	0 - 5 mph N	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No X	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Site work performed in Level D PPE.

Summary of Work Performed	Arrived at site:	15:00	Departed Site:	15:45

TRC Companies (TRC) performed an inspection of the fence repair work by Precision Environmental Services (PES) on Thursday, July 28, 2022, at the Former Schatz Federal Bearings Site (Site) located on Van Wagner Road, approximately two miles northeast of downtown Poughkeepsie, NY. The purpose of the site inspection was to confirm and document the repair work by PES to the fence caused by the fallen trees to the entrance gate area of the Site.

TRC personnel noted and took photographs on the fence repairs, which were determined to be adequate for providing an access control. The trees were cut down and the entry space was cleared of all debris caused by the fallen tree as well. Photographs of the repairs are enclosed within this report. No other fence repair action is required at this time.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Rich DePolo	TRC Companies	Geologist	1
Taylor Shanley	TRC Companies	Staff Engineer	1

Equipment Description	Contractor/Vendor	Quantity	Used
Not Applicable			

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
Not Applicable						

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:
Not Applicable

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Not Applicable		**Yes**	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**
		Yes	**No**

Site Representatives

Name	Representing
Not Applicable	

Project Schedule Comments
None.
Issues Pending
None.
Interaction with Public, Property Owners, Media, etc.
None.

Site Photographs (Descriptions Below)

Photo 1 – Entry gate along Van Wagner Road, facing northeast.

Photo 2 – Downed trees near gate along Van Wagner Road.

Photo 3 – View of the new fence section added in by PES, with the tree cut down and cleared.

Photo 4 – View of the other side of the entry fence, tree was cut down and cleared from the area.

Photo 5 – Dirt road which has been cleared of all obstructions by PES.

Photo 6 – Photograph of a cut down tree, which has been moved away from the access roads.

	
Photo 7 – Looking toward Van Wagner Road at the cleared trees near the entry gate.	**Photo 8** – View of the access road near the former fallen tree area, which has been cleared,

Comments

None.

Site Inspector(s): Rich DePolo, Taylor Shanley	**Date: 7/28/2022**

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ☒	No ☐
Is the tail gate safety meeting held outdoors?	Yes ☒	No ☐
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☒	No ☐
Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐
Are sanitizing wipes, wash stations or spray available?	Yes ☒	No ☐
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes ☐	No ☒
Comments:		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☐
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes ☐	No ☐
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes ☐	No ☐
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☐
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
If Yes to any of 1-4 above: • If it is not critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. • If it is critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.	Yes ☐	No ☐

Comments: Not applicable. No remedial activities being performed on-Site.

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☐	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☐
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☐
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☐
Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☐
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☐
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☐
Comments: Not applicable. No remedial activities being performed on-Site.			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is the site supplied with green power and is it properly installed and/or maintained?	Yes ☐	No ☐	N/A☐
Is the site employing 2007 or newer or retrofitted diesel trucks?	Yes ☐	No ☐	N/A☐
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☐
Is equipment properly maintained and operated by trained personnel?	Yes ☐	No ☐	N/A☐
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☐
Is there an onsite recycling program for CONTRACTOR generated wastes and is it complied with?	Yes ☐	No ☐	N/A☐
Are office trailer heating and cooling systems maintained at efficient set points?	AM ☐	PM ☐	N/A☐
Are products and materials appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☐

Are resiliency features included in the design or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☐
Are green remediation elements included in the design or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☐
Are appropriate metrics documented for inclusion on Form A, Summary of Green Remediation Metrics, by the CONTRACTOR?	Yes ☐	No ☐	N/A☐
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☐
Comments: Not applicable. No remedial activities being performed on-Site.			

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NYSDEC Contract No. D009812-25

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[illegible] M M [illegible]
[illegible]
R D [illegible] M [illegible]

Site Location: [illegible]

Weather Conditions

General Description	[illegible]	[illegible]	[illegible]	[illegible]
Temperature	[illegible]	[illegible]	[illegible]	[illegible]
Wind	[illegible]	[illegible]	[illegible]	[illegible]

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

[illegible]	[illegible]	X	[illegible]
[illegible]	[illegible]	X	[illegible]
[illegible]	[illegible]	X	[illegible]

Health & Safety Comments

[illegible]

Summary of Work Performed | [illegible] | [illegible] | D [illegible] | [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

[illegible]	[illegible]	[illegible]	X
[illegible]	[illegible]	[illegible]	X
[illegible]	[illegible]	[illegible]	X

DAILY INSPECTION REPORT

[illegible] Schatz Federal Bearings- NYSDEC Site No. 314003 [illegible]

Personnel and Equipment			
Individual	**Company**	**Trade**	**Total Hours**
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Equipment Description	Contractor/Vendor	Quantity	Used
[illegible]			

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
[illegible]						

[illegible]

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No

Site Representatives

Name	Representing

Project Schedule Comments

Issues Pending

[illegible]
Interaction with Public, Property Owners, Media, etc.
[illegible]

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)

Photo 1 – r r r d r r

Photo 2 – r r dr r r d

Photo 3 – r d d r

Photo 4 – d r r d d r

Photo 5 – r r r r d r dr d

Photo 6 – r d r d d r

Photo 7

Photo 8

Photo 8

Photo 7

Comments

Site Inspector(s): R D M

Date: 2/27/2023

DAILY INSPECTION REPORT [illegible] 7 9

R [illegible] **Schatz Federal Bearings- NYSDEC Site No. 314003** D [illegible]

D [illegible]

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R M D [illegible] R R

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[illegible] • [illegible] • [illegible]	☐	☐

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[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is the site supplied with green power and is it properly installed and/or maintained?	Yes ☐	No ☐	N/A☒
Is the site employing 2007 or newer or retrofitted diesel trucks?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is equipment properly maintained and operated by trained personnel?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points?	AM ☐	PM ☐	N/A☒
Are products and materials appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒

Are resiliency features included in the design or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Are appropriate metrics documented for inclusion on Form A, Summary of Green Remediation Metrics, by the CONTRACTOR?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Comments:			

Site-Wide Semi-Annual Inspection Form

Schatz Federal Bearing
Van Wagner Road
Poughkeepsie, New York

Engineering Control (s): Perimeter Fence, Landfill Cap, Passive Landfill Gas Vents, Monitoring Wells Inspection Date: February 27, 2023

Item	Yes	No	N/A	Comments
Does the Engineering Control continue to perform as designed?	X			Minor repairs to fence and monitoring wells recommended. Recommendations noted in field report.
Does the Engineering Control continue to protect human health and the environment?	X			
Does the Engineering Control comply with requirements established in the SMP?	X			
Has remedial performance criteria been achieved or maintained?	X			Site undergoing monitoring per SMP.
Has sampling and analysis of appropriate media been performed during the monitoring event?		X		
Have there been any modifications made to the remedial or monitoring system?		X		
Does the remedial or monitoring system need to be changed or altered at this time?		X		
Has there been any intrusive activity, excavation, or construction occurred at the site?		X		
Were the activities mentioned above, performed in accordance with the SMP?			X	No intrustive activity, excavation, or construction has occurred.
Was there a change in the use of the site or were there new structures constructed on the site?		X		
In case a new occupied structure is constructed or the use of the current building changed, was a vapor intrusion evaluation done?			X	No buildings on-Site.
Were new mitigation systems installed based on monitoring results?		X		
Were the groundwater wells in the monitoring network inspected during this site inspection? If so, were the Monitoring Well Field Inspection Logs Completed?	X			See attached inspection logs.

Note: Upon completion of the form any non-conforming items warranting corrective action should be identified here within.

Name of Inspector: Rich DePolo, Matthew Schappart Signature of Inspector: _____

Inspector's Company: TRC Engineers Date: 2/27/2023

IMMEDIATELY REPORT ANY FAILURE OR DEFECT TO THE PROJECT MANAGER SO A COUNTERMEASURE PLAN CAN BE IMPLEMENTED.

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WELl ID.: B-1

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-1

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Unable to be locked (not flush)		X

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 4 feet
PROTECTIVE CASING MATERIAL TYPE: 6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 51.03
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 10.12
MEASURE WELL DIAMETER (Inches): 4"
WELL CASING MATERIAL: Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, within landfill area (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Within landfill parameter fence, southeast corner

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: B-2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-2

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 4 feet
PROTECTIVE CASING MATERIAL TYPE: 6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 4"

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 34.92
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 8.31
MEASURE WELL DIAMETER (Inches): 4"
WELL CASING MATERIAL: Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, outside landfill area within clearing (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Outside landfill parameter fence north of landfill (forest upland area)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: B-3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-3

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	4"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	120.31
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	19.85
MEASURE WELL DIAMETER (Inches):	4"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good/Fair
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, near landfill interior fence

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Inside of landfill parameter fence southwest corner of landfill.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WELl ID.: B-4

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-4

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	31.97
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	15.92
MEASURE WELL DIAMETER (Inches):	4"
WELL CASING MATERIAL:	Stainless Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, in brush (not overgrown)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Wooded area near gravel access road southwest of landfill

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WELl ID.: B-5

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: B-5

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2 feet
PROTECTIVE CASING MATERIAL TYPE: 6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 120.81
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 15.52
MEASURE WELL DIAMETER (Inches): 4"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Fair
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, in brush outside parameter fence (not overgrown)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

West side of landfill outside of parameter fence, near sloped area to wetland area/stream

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-1

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-1

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	3 feet
PROTECTIVE CASING MATERIAL TYPE:	6" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?	X	
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	19.27
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	9.82
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, within parameter fence (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Eastern edge of landfill, along drainage ditch parameter

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-2

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2 feet
PROTECTIVE CASING MATERIAL TYPE: 4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 33.71
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): Dry
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, within parameter fence (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Within forest upland area, north of landfill outside of parameter fence

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-3

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	32.71
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	23.71
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, within parameter fence (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Entrance to landfill, within parameter fence in southwest corner.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-4

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-4

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		X
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Needs replacement casing (cracked)		X

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 3 feet
PROTECTIVE CASING MATERIAL TYPE: 4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK? Lock replaced, keyed to 2537	X	
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 28.31
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): Dry
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Good, by foot, within parameter fence in center of landfill area

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
Center of landfill

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
n/a

REMARKS:
TRC filled in entrance to rodent burrow near well.

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-5

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) Map.edit.was.made last inspection		X

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-5

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK? Lock replaced, keyed to 2537		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	50.92
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	Dry
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, central portion of landfill (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Center of landfill

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

TRC filled in entrance to rodent burrow near well, TRC to update map with correct well location.

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-7

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-7

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Needs replacement, cracked		X

HEADSPACE READING (ppm) AND INSTRUMENT USED: n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable): 2 feet
PROTECTIVE CASING MATERIAL TYPE: 4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"

	YES	NO
LOCK PRESENT?		X
LOCK FUNCTIONAL? Lock could not be fitted on well		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 21.97
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 12.32
MEASURE WELL DIAMETER (Inches): 2"
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING PVC is bent inside (can still be sampled/gauged): Fair/poor
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY

Good, by foot, in overgrowth outside of parameter fence.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Western side of landfill, outside of parameter fence.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-8

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-8

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	9.21
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	7.69
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, outside parameter fence in clearing (no obstructions)

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Near pond/wetland area northwest of landfill outside of fence, entry by fence gate.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-9

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-9

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	26.39
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	9.21
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Good, by foot, outside of parameter fence, moderate brush

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Southeastern area of site, other side (south) of groundwater interceptor trench

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

DRAFT

SITE NAME: Schatz Federal Bearings

SITE ID.: 314003
INSPECTOR: RD/MS
DATE/TIME: 2/27/2023
WEll ID.: S-10

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	

WELL COORDINATES? NYTM X_____ NYTM Y_____
PDOP Reading from Trimble Pathfinder:_____ Satelites:_____
GPS Method (circle) Trimble And/Or Magellan

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-10

	YES	NO
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED	n/a
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2 feet
PROTECTIVE CASING MATERIAL TYPE:	4" Stainless Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6"	

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		X
WELL MEASURING POINT VISIBLE?	X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	29.30
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	16.67
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	painted
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	n/a

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Poor, by foot, outside of parameter fence, heavy brush

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Southeastern area of site, within forested area along Van Wagner Road

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

n/a

REMARKS:

n/a

Sketch

Schatz Federal Bearings
Van Wagner Road
Poughkeepsie, Dutchess County, New York
Site No. 314003
Q1 2023 Well Inspection Table (February 2023)

Well ID	Depth to Water (Feet bgs)	Depth to Bottom (Feet bgs)
B-1	10.12	51.03
B-2	8.31	34.92
B-3	19.85	120.31
B-4	15.92	31.97
B-5	15.21	120.81
S-1	9.82	19.27
S-2	DRY	33.71
S-3	23.71	32.71
S-4	DRY*	28.31
S-5	DRY*	50.92
S-7	12.32	21.97
S-8	7.69	9.21
S-9	9.21	26.39
S-10	16.67	29.30

* - Dry, did not contain groundwater during gauging activities

APPENDIX D

Data Usability Summary Report

Site:
Laboratory:
SDG No.:
Parameters:
Data Reviewer:
Peer Reviewer:
Date:

Samples Reviewed and Evaluation Summary

-
-

-
-

-
-
-
-

[illegible]

[illegible]

[illegible]

[illegible]

Overall Evaluation of Data and Potential Usability Issues

[illegible]

- [illegible]

Data Completeness

[illegible]

Holding Times and Sample Preservation

[illegible]

GC/MS Tunes (1,4-Dioxane only)

[illegible]

Initial and Continuing Calibrations

1,4-Dioxane

[illegible]

PFAS

[illegible]

Blanks

[illegible]

Surrogate Recoveries (1,4-Dioxane only)

Isotopically Labeled Surrogate Results (PFAS only)

MS/MSD Results

LCS Results

Internal Standards

1,4-Dioxane

PFAS

Field Duplicate Results

Sample Results and Reported Quantitation Limits

Target Compound Identification

1,4-Dioxane

PFAS

QUALIFIED FORM 1s

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-175023-1

SDG No.:

Client Sample ID: SFB-WP-RES-1 Lab Sample ID: 480-175023-1

Matrix: Water Lab File ID: Z002379.D

Analysis Method: 8270D SIM ID Date Collected: 09/10/2020 09:40

Extract. Method: 3510C Date Extracted: 09/14/2020 15:05

Sample wt/vol: 1000(mL) Date Analyzed: 09/16/2020 20:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 549769 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.20	0.10

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	22		15-110

FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 480-175023-1

SDG No.:

Client Sample ID: SFB-WP-RES-1 Lab Sample ID: 480-175023-1

Matrix: Water Lab File ID: PA200923A28.d

Analysis Method: 537 (modified) Date Collected: 09/10/2020 09:40

Extraction Method: 3535 Date Extracted: 09/23/2020 09:28

Sample wt/vol: 301.8(mL) Date Analyzed: 09/23/2020 21:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 20(uL) GC Column: C-18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 159147 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		4.1	0.94
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		1.7	0.89
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		1.7	0.69
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.38
335-67-1	Perfluorooctanoic acid (PFOA)	ND		1.7	0.81
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.7	0.48
335-76-2	Perfluorodecanoic acid (PFDA)	ND		1.7	0.38
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.60
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		1.7	0.38
72629-94-8	Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.36
376-06-7	Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.49
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.52
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.56
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.32
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.72
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.40
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.7	0.47
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.1	0.65
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	UJ	4.1	0.77
27619-97-2	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.1	0.60
39108-34-4	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		1.7	0.55

QC NONCONFORMANCE DOCUMENTATION

FORM VII
LCMS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 480-175023-1

SDG No.:

Lab Sample ID: CCV 200-159147/32 Calibration Date: 09/23/2020 22:32

Instrument ID: LC812 Calib Start Date: 09/22/2020 19:30

GC Column: C-18 ID: 4.60(mm) Calib End Date: 09/22/2020 20:11

Lab File ID: PA200923A32.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9347	0.8567		0.916	1.00	-8.4	40.0
Perfluoropentanoic acid (PFPeA)	AveID	1.056	0.9330		0.883	1.00	-11.7	40.0
Perfluorobutanesulfonic acid (PFBS)	AveID	0.996	1.007		0.893	0.884	1.0	40.0
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	AveID	1.616	1.490		0.861	0.934	-7.8	50.0
Perfluorohexanoic acid (PFHxA)	AveID	1.007	1.011		1.00	1.00	0.4	40.0
Perfluoropentanesulfonic acid	AveID	1.184	1.222		0.968	0.938	3.2	50.0
HFPO-DA	AveID	2.128	1.522		0.715	1.00	-28.5	40.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.002	0.9566		0.955	1.00	-4.5	40.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.104	1.030		0.849	0.910	-6.8	40.0
DONA	AveID	3.081	3.142		0.961	0.942	2.0	50.0
Perfluoroheptanesulfonic Acid (PFHpS)	AveID	1.159	1.210		0.995	0.952	4.5	50.0
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	AveID	0.7981	0.7270		0.864	0.948	-8.9	40.0
Perfluorooctanoic acid (PFOA)	AveID	1.032	0.9546		0.925	1.00	-7.5	40.0
Perfluorooctanesulfonic acid (PFOS)	AveID	1.087	1.023		0.873	0.928	-5.9	40.0
Perfluorononanoic acid (PFNA)	AveID	1.018	0.9814		0.964	1.00	-3.6	40.0
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	AveID	0.9564	0.9376		0.914	0.932	-2.0	50.0
Perfluorononanesulfonic acid	AveID	0.8588	0.8478		0.948	0.960	-1.3	50.0
Perfluorodecanoic acid (PFDA)	AveID	0.9894	0.9560		0.966	1.00	-3.4	40.0
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	AveID	0.3958	0.3899		0.944	0.958	-1.5	40.0
Perfluorooctanesulfonamide (PFOSA)	AveID	0.9348	0.9489		1.02	1.00	1.5	40.0
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.9437	0.9470		1.00	1.00	0.3	40.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.7186	0.6679		0.896	0.964	-7.1	50.0
Perfluoroundecanoic acid (PFUnA)	AveID	0.9863	0.8821		0.894	1.00	-10.6	40.0
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9155	0.6348		0.693	1.00	-30.7	30 ~~40.0~~
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	AveID	0.8250	0.7572		0.865	0.942	-8.2	50.0
Perfluorododecanoic acid (PFDoA)	AveID	0.9752	0.9221		0.946	1.00	-5.4	40.0
10:2 FTS	AveID	0.2199	0.2045		0.896	0.964	-7.0	50.0
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2306	0.2073		0.870	0.968	-10.1	50.0
Perfluorotridecanoic acid (PFTriA)	AveID	0.8282	0.8263		0.998	1.00	-0.2	50.0
Perfluorotetradecanoic acid (PFTeA)	AveID	0.2290	0.2444		1.07	1.00	6.7	40.0

FORM VII 537 (modified)