

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:



Division of Environmental Remediation 625 Broadway, 12th Floor Albany, New York 12233 Prepared by:



TRC Engineers, Inc. 3 Corporate Drive, Suite 202 Clifton Park, New York 12065

JULY 2023

TRC Project No. 470744



TABLE OF CONTENTS

| SECTION | | PAGE |
|----------------|---|------|
| Executiv | ve Summary | iv |
| 1.0 | Introduction | 7 |
| 1.1 | Site Location, Ownership, and Description | 8 |
| 1.2 | Investigation/Remedial History | 8 |
| 1.3 | Remaining Contamination | |
| 1.4 | Regulatory Requirements/Cleanup Goals | 10 |
| 2.0 | Institutional and Engineering Control Plan Compliance | 11 |
| 2.1 | Institutional Controls | 11 |
| 2.2 | Engineering Controls | |
| 3.0 | Monitoring and Sampling Plan Compliance | 13 |
| 3.1 | Site Inspection | 14 |
| 3.2 | Groundwater Monitoring Summary | 16 |
| 3.3 | Surface Water and Sediment Monitoring | 16 |
| 3.4 | Homeowner Well Sampling | 17 |
| 4.0 | Cost Summary | |
| 5.0 | Conclusions and Recommendations | |
| 5.1 | Conclusions | 19 |
| 5.2 | Recommendations | |
| 6.0 | Certification of Engineering and Institutional Controls | |
| 7.0 | Future Site Activities | 21 |





TABLE OF CONTENTS (CONT.)

LIST OF FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Layout Map

LIST OF TABLES

Table 1 – Monitoring Well Construction Summary

Table 2 - Summary of Homeowner Well Emerging Contaminant Results - September 2020

LIST OF APPENDICES

Appendix A – Site History and Custodial Record

 $Appendix \ B-Institutional/Engineering \ Controls-Standby \ Consultant/Contractor \ Certification \ Form$

Appendix C – Site Inspection Forms and Photographic Logs

Appendix D – Data Usability Summary Report





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 q and a Periodic Review Report (PRR) every three years. The date of the most recent was April 2018 and the most recent PRR was completed for the period March 2017 2020. The July 2020 PRR recommended that the GWMR requirement be removed, was approved by the NYSDEC. The 2021 SMP Addendum specifies a three-year re- 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. <u>6/24/2020</u>: 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. <u>9/10/2020</u>: 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). <u>3/23/2021 and 11/2/2021</u>: 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. <u>3/1/2022</u>: 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. <u>7/128/2022</u>: 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 |
|-------------------------------------|---|
| | • <u>2/27/2023</u> : 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: 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. Monitoring well B-5 was missing the protective casing lid. 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. 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.

| 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 | | | | |

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





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 | <u>Bedrock Wells:</u> B-1, B-2, B-3, B-4, B-5 <u>Overburden Wells:</u> 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: Jugla Sharley Taylor Sharley

Taylor Shanley Staff Engineer

Reviewed By: Marie) Dovd

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 1New York State Department of Environmental ConservationSchatz Federal Bearings (Site No. 314003) - City of Poughkeepsie, New YorkMonitoring Well Construction Summary

| | | | | Total | | Screen Elevation (feet AMSL) | | | ISL) Location | | | | | |
|------------------|--------------|-----------|-----------------|------------|--------------------|------------------------------|------------|--------|---------------|---------|--------|--------|-------------|------------|
| | Installation | Well Dia. | | Depth | | Тор | Bottom | Length | Casing | Ground | Scr | een | | |
| Well ID | Date | (inches) | Well Material | (feet bgs) | Screened Formation | (feet bgs) | (feet bgs) | (feet) | Тор | Surface | Тор | 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 |

<u>Notes</u>

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. ¹According 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.

²The 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

| | WP-RES-1 | | | |
|---|-----------------|--------------|-----|--|
| | Sample Name: | | | |
| | Lab Sample ID: | 480-175023 | 5-1 | |
| | 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





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



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 – 1973Approximately 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





| C AGE BW | | | |
|--|--|-------------------------------|-------|
| Site No. 314003 | Site Details | | Box 1 |
| Site Name Schatz Federal Bearings | | | |
| Site Address: 223-47 Van Wagner Road City/Town: Poughkeepsie County: Dutchess Site Acreage: 5.0 | Zip Code: 12602 | | |
| 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 merged, or undergone a tax map amend | e site property been sold, subdivided, Iment during this Reporting Period? | | X |
| To your knowledge has there been any or Reporting Period (see 6NYCRR 375-1.1 | change of use at the site during this 1(d))? | | X |
| 4. To your knowledge have any federal, sta discharge) been issued for or at the prop | ate, and/or local permits (e.g., building perty during this Reporting Period? |] , | X |
| If you answered YES to questions 2 th that documentation has been previou | nru 4, include documentation or ev sly submitted with this certificatior | idence n form. | |
| 5. To your knowledge is the site currently u | indergoing development? | | X |
| | | | Box 2 |
| | | YES | NO |
| 6. Is the current site use consistent with the Commercial and Industrial | e use(s) listed below? | × | |
| 7. Are all ICs/ECs in place and functioning | as designed? | X | |
| IF THE ANSWER TO EITHER QUESTION 6 C DEC PM regarding the development of a Co | OR 7 IS NO, sign and date below and prrective Measures Work Plan to add | contact the ress these iss | ues. |
| Signature of Standby Consultant/Contractor | Date | | |

NEW YORK STATE

| SITE NO. 314003 | | | Box 3 |
|---|---|---|-------|
| Description of Institutional Con Parcel Owner | trols | nstitutional Control | |
| 134689-6262-03-101380-000 MC KEB | - CORPORATION | | |
| | Ν | Monitoring Plan | |
| | M G S L S C I O I O I O I O I O I O I O I O I O I | Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan D&M Plan C/EC Plan | |
| Environmental Notice requires: Compliance with the site management groundwater use restriction; land-use resitciton for industrial use on No interference with the engineering ca Excavations or disturbance of soils mu | plan (SMP; ly; ontrols; st be done in accordance with t | the SMP. | |
| | | | Box 4 |
| Description of Engineering Con | trols | | |
| 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 don | ne by DER PM. | |
| Additional inspections to be done if a n | najor weather event should take | e place. | |

| Periodic Review | Report (PRR) Certification | Statements | | |
|--|---|--|----------------------------|-------------------|
| I certify by checking "YES" | below that: | | | |
| a) the Periodic Revie reviewed by, the party contractors for the cur | ew report and all attachments y making the certification, incl rrent certifying period, if any; | were prepared under the dir uding data and material pre | ection of pared by | , and previous |
| b) to the best of my k are in accordance wit | knowledge and belief, the wor th the requirements of the site | k and conclusions described remedial program, and gen | l in this c erally acc | ertificatio |
| engineering practices, and | d the information presented is | accurate and compete. | YES | NO |
| | | | | |
| If this site has an IC/EC Pla or Engineering control listed following statements are tru | n (or equivalent as required in d in Boxes 3 and/or 4, I certify le: | n the Decision Document), fo by checking "YES" below th | or each Ir nat all of t | nstitutior he |
| (a) the Institutional C since the date that the | control and/or Engineering Co e Control was put in-place, or | ntrol(s) employed at this site was last approved by the D | is uncha epartmer | inged it; |
| (b) nothing has occur the environment; | rred that would impair the abi | lity of such Control, to protec | t public ł | nealth ar |
| (c) nothing has occur | rred that would constitute a fa | ilure to comply with the Site | Manager | ment Pla |
| or equivalent if no Site | e Management Plan exists. | | YES | NO |
| | | | | |
| F THE ANSWER TO QUESTIC EC PM regarding the develo | ON 2 IS NO, sign and date be opment of a Corrective Meas | low and contact the ures Work Plan to address | these iss | ues. |
| Signature of Standby Consultar | nt/Contractor | Date | | |
| | | | | |

Γ

Box 5
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. 19 Mee at print name 2 D (print business address) am certifying as a Professional Engineer. Date 203 Stamp Signature of Professional Engineer/ (Required for PE) 08097 TOFESSION



APPENDIX C





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 Scha | tz Federal | Bearings | WEATHER | TIME | TEMP. | PRECIP. | WIND (MPH) | WIND (DIR) |
|---------------------|------------------|------------|---------------|-------------|-------|---------|----------|---------------|---------------|
| LOCATION | Poughkeepsie | e, New Yo | ork | Cloudy | 9:30 | 70°F | None | 0-5 | SSE |
| ATTACHMENTS | Photo Log | | | Cloudy | 12:30 | 80°F | None | 0-5 | SSE |
| SITE CONDITION | S: Clear | | | | | | | | |
| WORK GOAL FOR | R DAY: Site Ir | nspection | | | | | | | |
| | | | PERSO | NNEL ON SIT | E: | | | | |
| NA | AME | | | AFFILIATION | | ARRI | VAL TIME | DEPAR | T TIME |
| Steve Johansson | | | TRC Engineers | s, Inc. | | 09:30 | | 12:30 | |
| Caitlin Serowik | | | TRC Engineers | s, Inc. | | 09:30 | | 12:30 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | EQUIP | MENT ON SIT | E: | | | | |
| ТҮРЕ | | | MODEL | | ТҮРЕ | | | MODEI | 1 |
| Not Applicable | | Not Applie | cable | Not Applica | able | | Not Appl | icable | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | HEAL | TH & SAFETY | : | | | | |
| PPE REQUIRED | | EVEL D | | C DLEVE | el B | LEVEL A | | HASP? YE | S |
| SITE SAFETY OFFIC | CER: Steve Joł | nansson | | | | | | | |
| H & S NOTES: Site w | vork performed i | in Level D | PPE | | | | | | |



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 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 | |



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 Scha | tz Federal | Bearings | WEATHER | TIME | TEMP. | PRECIP. | PRECIP. WIND (MPH) | | |
|---------------------|------------------|------------|-------------|---------------|--------|---------|----------|-----------------------|--------|--|
| LOCATION | Poughkeepsie | e, New Yo | ork | Partly Cloudy | 9:30 | 47°F | None | 0-5 | SE | |
| ATTACHMENTS | Photo Log | | | Partly Cloudy | 12:30 | 53°F | None | 0-5 | SE | |
| SITE CONDITION | S: Party cloudy | y, Dry | | | | | | | | |
| WORK GOAL FOR | R DAY: Site Ir | spection | | | | | | | | |
| | | | PERSO | ONNEL ON SIT | E: | | | | | |
| N | AME | | | AFFILIATION | | ARRI | VAL TIME | DEPAR | T TIME | |
| Steve Johansson | | | TRC Enginee | ers, Inc. | | 08:00 | | 09:30 | | |
| Caitlin Serowik | | | TRC Enginee | ers, Inc. | | 08:00 | | 09:30 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| _ | | | | | | | | | | |
| | | | EQUII | PMENT ON SIT | E: | 1 | | | | |
| ТҮРЕ | | | MODEL | | ТҮРЕ | | | MODEL | | |
| Not Applicable | | Not Applie | cable | Not Applica | ıble | | Not Appl | icable | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | HEA | LTH & SAFETY | | | | | | |
| PPE REQUIRED | : 🛛 LH | EVEL D | LEVEI | C LEVE | el b C | LEVEL A | .] | HASP? YE | S | |
| SITE SAFETY OFFIC | CER: Steve Joh | ansson | | | | | • | | | |
| H & S NOTES: Site w | vork performed i | n Level D | PPE | | | | | | | |



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 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 | |

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



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



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 Scha | tz Federal | Bearings | WEATHER | TIME | ТЕМР. | PRECIP. | WIND (MPH) | WIND (DIR) |
|---------------------|------------------|------------|-------------|---------------|------------|---------|----------|---------------|---------------|
| LOCATION | Poughkeepsie | e, New Yo | rk | Partly Cloudy | 11:00 | 50°F | None | 0-5 | SE |
| ATTACHMENTS | Photo Log | | | Partly Cloudy | 12:00 | 50°F | None | 0-5 | SE |
| SITE CONDITION | S: Partly cloud | ly, Dry | | | | | | | |
| WORK GOAL FOR | R DAY: Site Ir | spection | | | | | | | |
| | | | PERSO | ONNEL ON SIT | <i>E</i> : | | | | |
| N | AME | | | AFFILIATION | | ARRI | VAL TIME | DEPAR | T TIME |
| Andrew Fishman | | | TRC Enginee | rs, Inc. | | 11:00 | | 12:00 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | EQUIH | PMENT ON SIT | 'E: | | | | |
| ТҮРЕ | | | MODEL | | ТҮРЕ | | | MODEL | 1 |
| Not Applicable | | Not Applie | cable | Not Applica | ble | | Not Appl | icable | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | HEAL | LTH & SAFETY | | | | | |
| PPE REQUIRED | : <u> </u> | EVEL D | LEVEL | C LEVE | EL B | LEVEL A | | HASP? YE | S |
| SITE SAFETY OFFIC | CER: Jonathan | Bone | | | | | | | |
| H & S NOTES: Site w | vork performed i | in Level D | PPE | | | | | | |



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 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 | 1 | TRC |

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



| 320919.0000 Andrew Fishman 2 of 2 NYSDEC Former Schatz Federal Bearings 0000 Andrew Fishman 2 of 2 NYSDEC | STRC 😯 |
|---|--------|

DAILY INSPECTION REPORT Page Report No. 0220301 Schatz Federal Bearings- NYSDEC Site No. 314003 Date: 3/1/2022

| NYSDEC Division of Environme | ental Remediatio | on 2 | STATE OF OPPORTU | | Departm Environn Conserva | ent of nental ntion | of NYSDEC Contract No. | | | |
|---|--------------------|-------------|---------------------|----------|---------------------------------|---------------------------|---------------------------------|----------|-----------|--|
| Site Location: Form | er Schatz Feder | al Rearing | ns - Van W | lagner | Rd | | Supermenden | l. NA | | |
| Poughkeepsie, NY | | ai Boainig | jo van v | agnor | rta, | | NYSDEC PM: | Robert S | trang | |
| ,, | Weather | Conditio | ns | | | | Consultant PM | : Matthe | w Hoskins | |
| General Description | Overcast, Dry | AM | Over | rcast, D | Dry | PM | Consultant Site Inspectors: | | | |
| Temperature | 37 °F | AM | 3 | 37 °F | | ΡM | | | | |
| Wind | 11 mph N | AM | 11 | mph N | 1 | PM | Kevin Murphy and Taylor Shanley | | | |
| Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments". | | | | | | | | | | |
| Were there any change | es to the Health & | Safety Pla | n? | | | | *Yes | No X | NA | |
| Were there any exceed | ances of the perin | neter air m | onitoring re | ported | on this da | ate? | *Yes | No X | NA | |
| Were there any nuisand | ce issues reported | l/observed | on this date | e? | | | *Yes | No X | NA | |
| Health & Safety Cor | nments | | | | | | | | | |
| Site work performed in Level D PPE. | | | | | | | | | | |
| Summary of Work F | Performed | Arrived a | at site: | 11:00 | | D | eparted 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 odwned 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.



Department of Environmental Conservation

DAILY INSPECTION REPORT

Page **2** of **9** Date: 3/1/2022

| If any box below is checked "Ye | s", provide explanation unde | r "Material Tr | acking Com | ments | ". |
|---|--|----------------|------------|----------|------------|
| Were there any vehicles which did not | *Yes | No | NA X | | |
| Were there any vehicles which were n | ot tarped? | · | * Yes | No | NA X |
| Were there any vehicles which were n | hich were not decontaminated prior to exiting the work site? * Yes | | | | |
| Personnel and Equipment | | | | | |
| Individual | Company | Trad | le | Тс | otal Hours |
| Kevin Murphy | TRC Companies | Project Se | cientist | | 3 |
| Taylor Shanley | TRC Companies | Staff Eng | | 3 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | <u> </u> | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Equipment Description | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | or | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo |)r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo |)r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo |)r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo |)r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | pr | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | >r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | DY | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | ۶۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | >۲ | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | >r | Quantity | | Used |
| Equipment Description Not Applicable | Contractor/Vendo | >r | Quantity | | Used |



DAILY INSPECTION REPORT

| Report No. 0220301 Schalz rederal bearings- NTSDEC Sile No. 314003 Da |
|---|
|---|

| | | | | | | 1 | | | |
|-----------------------------------|-----------------------------------|----------------------|-------------|-----------------------------|--------------------|----------------------|-------------------------|----------------|----------------------------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Material Description | Imported/ Delivered to Site | Exported off Site | W (If | aste Profile Applicable) | Source Facility | e or (If <i>I</i> | Disposal Applicable) | Daily Loads | Daily Weight (tons)* |
| Not Applicable | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| *On Cite coole for off site shinn | and delivery | tielest fen meste | | | | | | | |
| | nent, delivery i | lickel for male | rial receiv | rea | | | | | |
| Visitors to Site | | | | | | | | | |
| Name | | | Re | presenting | | E | Intered Exc | clusion/CF | RZ Zone |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| | | | | | | Ye | s | No | |
| Site Representatives | | | | | | | | | |
| Name | | | | Representir | ng | | | | |
| Kevin Murphy | | | | TRC Compa | nies | | | | |
| Taylor Shanley | | | | TRC Compa | nies | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | _ | | | |



DAILY INSPECTION REPORT

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

| Project Schedule Comments | |
|---|----|
| | |
| Not Applicable. | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Issues Pending | |
| | |
| Net Applicable | |
| Not Applicable. | |
| | |
| | |
| | |
| Interaction with Public, Property Owners, Media, et | с. |
| None | |
| | |
| | |
| | |
| | |
| | |
| | |

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







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.





Department of Environmental Conservation

DAILY INSPECTION REPORTPage 6 of 9Report No. 0220301 Schatz Federal Bearings- NYSDEC Site No. 314003Date: 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

| 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)? | $AM \square$ | 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⊠ |
| <u>Comments</u> : 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 🗆 | РМ 🗆 | 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□ |
| <u>Comments:</u> Not applicable. No remedial activities being performed on-Site. | | | |





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



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

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

| Item | Yes | No | N/A | Comments |
|--|-----|----|-----|--|
| Does the Engineering Control continue to perform as designed? | Х | | | 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? | Х | | | |
| Has remedial performance criteria been achieved or maintained? | Х | | | Site undergoing monitoring. |
| Has sampling and analysis of appropriate media been performed during the monitoring event? | | Х | | |
| Have there been any modifications made to the remedial or monitoring system? | | Х | | |
| Does the remedial or monitoring system need to be changed or altered at this time? | | х | | |
| Has there been any intrusive activity, excavation, or construction occurred at the site? | | Х | | |
| Were the activities mentioned above, performed in accordance with the SMP? | | | Х | 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? | | х | | |
| In case a new occupied structure is constructed or the use of the current building changed, was a vapor intrusion evaluation done? | | | х | No buildings on-Site. |
| Were new mitigation systems installed based on monitoring results? | | Х | | |
| 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 Inspector's Company: TRC Engineers

| Signature of Inspector: | KD74 |
|-------------------------|----------|
| Date | 3/1/2022 |

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

| | | DRAFT |
|---|-----------------------|----------------------------------|
| SITE NAME: S.V. H. | SITE ID.: | 3-14-003 |
| SCHOLT | INSPECTOR: | TSIKM |
| MONITODING WELL FIELD INSPECTION LOC | DATE/TIME: | 3-1-22/113 |
| MONITORING WELL FIELD INSTECTION LOG | WEILID · | B-4 |
| | WERTE. | |
| | ε <u>Υ</u> | ES NO |
| WELL VISIBLE? (If not, provide directions below) | | |
| WELL COORDINATES? NYTM XNYTM Y | | |
| PDOP Reading from Trimble Pathfinder: Satelites: | and the second | Part and the second |
| GPS Method (circle) Trimble And/Or Magellan | | TES INO |
| | | X |
| WELL I.D. VISIBLE? | ··· | X |
| WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) | | |
| WELLED AS IT ADDEADS ON DEOTECTIVE CASING OF WELLS | | A. J. The second |
| WELL I.D. AS IT AFFEARS ON PROTECTIVE CASING OR WELL. | Y | ES NO |
| SUDFACE SEAL PRESENT? | | D |
| SURFACE SEAL COMPETENT? (If cracked heaved etc. describe below) | | X |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | · | × · |
| | Sec. Sec. | The second second |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 211 | . Stainless Sta |
| PROTECTIVE CASING MATERIAL TYPE: | | bin: |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | |
| | Y | ES NO |
| LOCK PRESENT? | | 4 |
| LOCK FUNCTIONAL? | ··· _ X | |
| DID YOU REPLACE THE LOCK? | | NAT N |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | | N A |
| WELL MEASURING POINT VISIBLE? | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet) | | - |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feel): | and the second | |
| MEASURE WELL DIAMETER (Inches): | Ser State | 410. |
| WELL CASING MATERIAL: | Stai | nless Steel |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | 6 | boo |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | ainted label |
| ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | and the second second | None |
| | i | N' |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overn | CESSARY | |
| hower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IT NE | CLOOK(I. | 10.11.11.11 |
| casily accessible, in since brook | TALLAR STR. | Contraction of the second second |
| | | (|
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden | n, etc.) | A THE PROPERTY |
| AND ASSESS THE TYPE OF RESTORATION REOUIRED. | Color States | |
| To rectal was | Sec. States | |
| In waato grea | - | Contraction of the |
| | THE REAL | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION. IF PRESENT | | |
| e Gas station salt nile etc.): | | |
| MA | | A Standard |
| | | |
| | | |
| EMARKS: | | |
| | Constant of the State | The second second |
| Sketch | 1. 1. 12. 17 | A STATE OF |
| | | |

.

| SITE NAME: Schulz | SITE ID.: | 3-14-003 |
|---|--|--|
| MONITORING WELL FIELD INSPECTION LOG | INSPECTOR: DATE/TIME: WEII ID.: | <u>75</u> <u>3-1-22</u> <u>B-5</u> |
| | YE | S NO |
| WELL VISIBLE? (If not, provide directions below) | LX | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | 14 | |
| | YE | S NO |
| WELL I.D. VISIBLE? | | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | |
| WELLED AS IT ADDEADS ON DEOTECTIVE CASING OF WELLS 8-5 | | |
| WEEL I.D. AS IT AFFEARS ON PROTECTIVE CASING OR WEEL: | YE | S NO |
| SURFACE SEAL PRESENT? | × | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | X | 1 |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | |
| | | |
| READSPACE READING (ppm) AND INSTRUMENT USED | - 7 | A Stoken |
| PROTECTIVE CASING MATERIAL TYPE: | Sta | intess Are |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | pir. |
| | YE | S NO |
| LOCK PRESENT? | | |
| | ··· | NA |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If ves.describe below) | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | X |
| WELL MEASURING POINT VISIBLE? | X | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | and a state |
| MEASURE WELL DIAMETER (Inches): | | tin |
| WELL CASING MATERIAL: | | |
| TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | Pan | ted label |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | Jone |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig. natural obstructions, overh | ead | |
| ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | CESSARY. | |
| On outside of landfill cop perimeter fence | | and the - |
| | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garder | n, etc.) | THE PARTY OF |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| West side of landfill cap, in brushy area that sloves | days to str | eam |
| | | |
| | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| e.g. Gas station, salt pile, etc.): | | |
| None | 1.31 m 2.46 | |
| | | |
| | | |
| EMARKS: | N/VA- | |
| Well casing loose, Missing protective casing ! | ocking lid | |
| EMARKS: Well casing loose, Missing protective casing l Sketch | ocking ha | |

| SITE NAME: Schatz | SITE ID.: INSPECTOR: | 3-14-003 TS |
|---|-------------------------|----------------------|
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME: WEII ID.: | <u>3-1-11</u> 5-1 |
| WELL VISIBLE? (If not provide directions below) | YE | S NO |
| WELL COORDINATES? NYTM XNYTM Y | | |
| GPS Method (circle) Trimble And/Or Magellan | YE | S NO |
| WELL I.D. VISIBLE? | X | 7 |
| WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL: 5-1 | | |
| | YE | S NO |
| SURFACE SEAL PRESENT? | XX | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 2 | 3ft_ |
| PROTECTIVE CASING MATERIAL TYPE: | Stain | ers steel |
| LOCK PRESENT? | | X |
| | | NA |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE? | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 2 <u>12</u> | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet). | | 2in |
| WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING: | | bood |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | Pain N | ted label |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overh power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | ead CESSARY. | |
| Inside landhill cap perimeter tence | | RE TOR |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garder | 1, etc.) | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| Eastern bandary of landfill cap | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.): | | |
| None | | |
| EMARKS: | <u>1 - 246</u> | |
| | | |

| | | DRAFT |
|---|--|--|
| SITE NAME: | Schatz | $\underbrace{\text{SITE ID.:}}_{\text{INSPECTOR:}} 3 \underbrace{-14 - 013}_{\text{TS}}$ |
| MONITORIN | G WELL FIELD INSPECTION LOG | DATE/TIME: 3-1-22 WEILID.: 5-2 |
| | | YES NO |
| WELL VISIBLE? (If | ES? NYTM X NYTM Y | |
| PDOP Read | ling from Trimble Pathfinder: Satelites: | |
| GPS Metho | d (circle) Trimble And/Or Magellan | VES NO |
| WELLED VISIBLE | | 20 |
| WELL LOCATION N | ATCH SITE MAP? (if not, sketch actual location on back) | X |
| WELL I.D. AS IT API | PEARS ON PROTECTIVE CASING OR WELL: | |
| SURFACE SEAL PRE | ESENT? | TES NO |
| SURFACE SEAL CON PROTECTIVE CASIN | MPETENT? (If cracked, heaved etc., describe below) | × |
| HEADSPACE READI | ING (ppm) AND INSTRUMENT USED | |
| TYPE OF PROTECTI | VE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 21t stickup |
| PROTECTIVE CASIN | G MATERIAL TYPE: | STUMPS) STU |
| MEASORETROTECT | | YES NO |
| LOCK PRESENT? | | X |
| LOCK FUNCTIONAL | ? | |
| IS THERE EVIDENCE | E THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | × |
| WELL MEASURING | POINT VISIBLE? | × |
| MEASURE WELL DE | ADTH FROM MEASURING POINT (Feet) | |
| MEASURE DEPTH TO | O WATER FROM MEASURING POINT (reet): | |
| MEASURE WELL DI | AMETER (Inches): | 3.0 |
| WELL CASING MAT | ERIAL: | |
| PHYSICAL CONDITI | ON OF VISIBLE WELL CASING: | Dainted label |
| PROXIMITY TO UNE | DERGROUND OR OVERHEAD UTILITIES | None |
| DESCRIBE ACCESS T power lines, proximity | TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF | rhead NECESSARY. |
| outside la | indkill cap personer tence | |
| | TTING (For everyla located in a field in a playeround on payement in a gar | den etc.) |
| AND ASSESS THE T | YPE OF RESTORATION REQUIRED. | 1en, etc.) |
| In wood | ded area, clear of bash and treas | |
| IDENTIEV ANV NEAL | RBY POTENTIAL SOURCES OF CONTAMINATION IF PRESENT | |
| (e.g. Gas station salt ni | ile. etc.): | |
| Nari | | and the second second |
| | | |
| EMARKS: | | |
| | | |
| | Sketch | |

| SITE NAME: Schatz | SITE ID.: | J-14-00 |
|---|---|--|
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME: WEII ID.: | 3-1-22/114 |
| | YE | S NO |
| WELL VISIBLE? (If not, provide directions below) | 🔼 🗙 | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | | |
| VELLID VISIBLE? | | |
| VELLIOCATION MATCH SITE MAP? (if not sketch actual location on back) | X | 0 |
| | | |
| VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | T YE | S NO |
| URFACE SEAL PRESENT? | X | 1 |
| URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | X | |
| ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | 1 |
| EADSPACE READING (nom) AND INSTRUMENT USED | | |
| YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | - 2 | lft |
| ROTECTIVE CASING MATERIAL TYPE: | St | ginkess Steel |
| IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | S NO |
| OCK PRESENT? | X | |
| OCK FUNCTIONAL? | . 🗡 | |
| ND YOU REPLACE THE LOCK? | | NA |
| S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | 1 | X |
| VELL MEASURING POINT VISIBLE? | | |
| IEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | |
| EASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | - | |
| IEASURE WELL DIAMETER (Inches): | | 210. |
| /ELL CASING MATERIAL: | _ <u>p</u> | V C |
| HYSICAL CONDITION OF VISIBLE WELL CASING: | | oud |
| TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | Paul | line |
| ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig. natural obstructions, overhe | ad | |
| ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | CESSARY. | |
| Within fenced landfill area | | |
| | | |
| ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden | , etc.) | |
| ND ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| At satthen entrance to landfill cap | <u> </u> | |
| | The states | |
| ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| .g. Gas station, salt pile, etc.): | | |
| Nine | in the second | |
| | | |
| | | Contraction of the local division of the loc |

Sketch

| | | DRAF |
|--|--------------------|--|
| SITE NAME: Schatz | SITE ID.: | 3-14-003 |
| MONITODING WELL FIELD INSPECTION LOC | INSPECTOR: | 2122 |
| MONITORING WELL FIELD INSIECTION LOG | Well ID.: | 5-5 |
| WELL VISIBLE? (If not provide directions below) | YE | S NO |
| WELL COORDINATES? NYTM X NYTM Y | | ~ |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | | |
| | YI | IS NO |
| WELL I.D. VISIBLE? | | · · |
| WELL LOCATION MATCH SITE MAP? (It not, sketch actual location on back) | a state strange | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | Y | ES NO |
| SURFACE SEAL PRESENT? | | 1 |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | Ļ | 4 |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 21 | t Shirky |
| PROTECTIVE CASING MATERIAL TYPE: | Star | ness stee |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | |
| LOCK DD ESENT | YI | S NO |
| LOCK FUNCTIONAL? | - Â | |
| DID YOU REPLACE THE LOCK? | ····· | NA |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | Contraction of the | X |
| WELL MEASURING POINT VISIBLE? | X | 1 |
| MEASURE WELL DEDTH FROM MEASURING POINT (Forth) | an the second | - |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | aver a straight | |
| MEASURE WELL DIAMETER (Inches): | 2 | in |
| WELL CASING MATERIAL: | P | VC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | - 60 | , od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | Pau | ntcol label |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | Jone |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over | head | |
| power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N | ECESSARY. | |
| In central partian of landhill cap, enclosed by pe | ennete teru | e |
| DESCRIBE WELL SETTING (For example, located in a field, in a playeround, on payement, in a parde | en, etc.) | 19 10 19 19 19 19 19 19 19 19 19 19 19 19 19 |
| AND ASSESS THE TYPE OF RESTORATION REOUIRED. | | |
| · Central parties of landfill cap . | | |
| | | |
| DENTIEV ANY NEADBY DOTENTIAL SOURCES OF CONTAMINATION IF DESENT | | |
| (e.g. Gas station, salt pile, etc.): | | |
| None | <u> </u> | |
| | | |
| Lucation poted on site figure | | |
| Sketch | | |
| | | |

.

| SITE NAME. | Sam | | CITE ID . | 2.11-00 |
|--------------------------|--|---|---|--------------------------|
| SITE NAME: | Schatz | the second second second | INSPECTOR: | 3-14-00 |
| MONITORIN | WELL FIELD INSPECTION I | .0G | DATE/TIME: | 2-1-22 |
| | | | WEILID.: | 5-8 |
| | | 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - | | |
| WELL VISIBLE? (If | not, provide directions below) | | | X |
| WELL COORDINAT | ES? NYTM XNYTM Y | | | 100 M |
| PDOP Read | ing from Trimble Pathfinder: Satelites: | CONTRACTOR OF A | | |
| GPS Metho | (circle) Trimble And/Or Magellan | | | VES NO |
| WELL I.D. VISIBLE | | | | X |
| WELL LOCATION N | ATCH SITE MAP? (if not, sketch actual location | on back) | Ľ, | \succ |
| WELL I.D. AS IT AP | EARS ON PROTECTIVE CASING OR WELL: | | _ | |
| | | SPR | Americks | YES NO |
| SURFACE SEAL PRI | SENT? | () () | | |
| PROTECTIVE CASIN | G IN GOOD CONDITION? (If damaged describe | be below) | | X |
| | a in door comprision (it damaged, descrit | | | |
| HEADSPACE READ | NG (ppm) AND INSTRUMENT USED | | | |
| TYPE OF PROTECTI | VE CASING AND HEIGHT OF STICKUP IN FI | EET (If applicable) | 28 | stickup |
| PROTECTIVE CASIN | G MATERIAL TYPE: | | | 4in. |
| MEASURE PROTEC | IVE CASING INSIDE DIAMETER (Inches): | | | |
| OCK PRESENT? | | | | X |
| LOCK FUNCTIONAL | ? | | | X |
| DID YOU REPLACE | THE LOCK? | | | NA |
| IS THERE EVIDENC | E THAT THE WELL IS DOUBLE CASED? (If y | ves, describe below) | see | |
| WELL MEASURING | POINT VISIBLE? | | · remarky | The second second second |
| | | | | |
| MEASURE DEPTH T | WATER FROM MEASURING POINT (Feel): | | | |
| MEASURE WELL DI | AMETER (Inches): | | | 2in. |
| WELL CASING MAT | ERIAL: | | | PVC |
| PHYSICAL CONDIT | ON OF VISIBLE WELL CASING: | | see | remarks |
| ATTACH ID MARKE | R (if well ID is confirmed) and IDENTIFY MAR | KER TYPE | Pai | Atta label |
| PROXIMITY TO UNI | erground or overhead unlines | | | Nenc |
| DESCRIBE ACCESS | TO WELL: (Include accessibility to truck mounted | d rig, natural obstructions, o | overhead | |
| ower lines, proximity | to permanent structures, etc.); ADD SKEICH OF | · LOCATION ON BACK, I | F NECESSART. | |
| OUTSIDE | and till cap periveter tence. | | | |
| DESCRIBE WELL SE | ITING (For example, located in a field, in a playe | ground, on payement, in a g | arden, etc.) | |
| AND ASSESS THE T | YPE OF RESTORATION REOUIRED. | | Contraction of the | |
| (acound | next to bond | | | |
| e o curca | | | | |
| | DAY DOTENTIAL SOURCES OF CONTAMIN | ATION IE PRESENT | | |
| DENTIFY ANY NEA | (BI POTENTIAL SOURCES OF CONTAMINA | ATION, II TRESERT | | |
| e.g. Gas station, salt p | ne, etc. J: | | | |
| | | ·a. C.M. S. W. | 1.77 | |
| EMADKS. | | | | |
| Ilinal-H | to open well due to | for ice on | When his a | ell |
| Uradi | | | , sterry of | |
| | | | the second se | |

| MONITORING WELL FIELD INSPECTION LOG Dispections Advector WELL VISIBLE? (If not, provide directions below) WITH Y WELL COORDINATES? NYTH X WITH Y PDOP Reading from Trimble Pathfinder: YES NO WELL COORDINATES? NYTH X WYTH Y WITH Y PDOP Reading from Trimble Pathfinder: YES NO WELL COORDINATES? NYTH X WYTH Y YES NO WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) S-9 YES NO SURFACE SEAL PRESENT? YES NO Xd Xd Xd RRACE SEAL OWNERTTY (If cracked, heaved etc., describe below) S-9 YES NO Xd | ITE NAME: JChq1t | | |
|---|--|---------------------------------------|-------------------|
| WELL VISIBLE? (If not, provide directions below) NYTM Y PDOP Reduing from Trimble and/Or Satelites: GTS Mediod (circle) Trimble And/Or WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) Soft WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) Soft SURFACE SEAL PRESENT? YES NO WILL COATION MATCH SITE MAP? (If not, sketch actual location on back) Soft SURFACE SEAL PRESENT? YES NO SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) YES NO HEADSPACE READING (ppm) AND INSTRUMENT USED YES Soft Soft Soft Soft Soft Soft Soft Sof | MONITORING WELL FIELD INSPECTION LOG | INSPECTOR: DATE/TIME: WEII ID.: | 12:40/3 5-9 |
| WELL COORDINATES' NYTM X NVTM Y PDOP Reading from Trimble PahlinderSatelites: | WELL VISIBLE? (If not, provide directions below) | YE | S NO |
| PDF Nethod (circle) Trimble And/Or Magellan WELL LD. VISIBLE? | VELL COORDINATES? NYTM XNYTM Y | | |
| WELL 1D. VISIBLE? S-9 WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) S-9 WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) S-9 WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) S-9 SURFACE SEAL PRESENT? S-9 SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) S-9 HEADSPACE READING (opm) AND INSTRUMENT USED. Stream St | GPS Method (circle) Trimble And/Or Magellan | Y | S NO |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | VELLID. VISIBLE? | X | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-9 SURFACE SEAL PRESENT? YES NO SURFACE SEAL COMPETENTY (If cracked, heaved etc., describe below) YES PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) YES HEADSPACE READING (ppm) AND INSTRUMENT USED. YES NO YOPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFE? (If applicable) YEL STICKUP IN FFE? YROTECTIVE CASING ANTERIAL TYPE YES NO MAASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): YI:A NOCK PRESENT? YES NO JOCK FRUNCTIONAL? YES NO JOD YOU REPLACE THE LOCK? YEN S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) YEN WEASURE WELL DEPTH FROM MEASURING POINT (Feet): YEN YENSCAL CONDITION OF VISIBLE WELL CASING: PV C YENSCAL CONDITION OF VISIBLE WELL CASING: PV C YENCIMUM TO UNDERGROUND OR OVERHEAD UTILITIES. Adade YESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead onwer lines, proving to permanent structures, table of periodic force Adade YESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) Adade ND ASSESS THE TYPE OF REST | VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | LX | 1 |
| WILLDER NOT NOW OF NUMBER | VELLED AS IT APPEARS ON PROTECTIVE CASING OR WELL: | S-9 | |
| SURFACE SEAL PRESENT? Image: Competent of the served etc., describe below) Image: Competent of the served etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Image: Competent of the served etc., describe below) Image: Competent of the served etc., describe below) PROTECTIVE CASING MATERIAL TYPE: Image: Competent of the served etc., describe below) Image: Competent of the served etc., describe below) Incore protective CASING INSIDE DIAMETER (Inches): Image: Competence etc., describe below) Image: Competence etc., describe below) Incore protective CASING INSIDE DIAMETER (Inches): Image: Competence etc., describe below) Image: Competence etc., describe below) Incore protective CASING INSIDE DIAMETER (Inches): Image: Competence etc., describe below) Image: Competence etc., describe below) Incore protective CASING MATERIAL: Image: Competence etc., describe below) Image: Competence etc., describe below) Incore protective CASING MATERIAL: Image: Competence etc., describe below) Image: Competence etc., describe below) Image: Competence etc., describe competence etc., describe below, describ | | YI | ES NO |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Image: Comparison of Compariso | URFACE SEAL PRESENT? | | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | L | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) 2ft 5k (kg. Steel Stan KOS Steel Steel Stan KOS Steel Steel Stan KOS Steel Stan KOS Steel Stan KOS Steel Stan KOS | EADSPACE READING (ppm) AND INSTRUMENT USED | | |
| PROTECTIVE CASING MATERIAL TYPE: Standos structure MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): Yin LOCK PRESENT? Yin LOCK PRESENT? Yes IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) Yes Well MEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet): Yes MEASURE WELL DAMETER (Inches): P V C Well CASING MATERIAL: P V C MEASURE WELL CAND MARKER (If well D is confirmed) and IDENTIFY MARKER TYPE Pai Afed label Norther To UNDERGROUND ON OVERHEAD UTILITIES: Northead DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Northead <t< td=""><td>YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)</td><td>2 ft</td><td>Shakep</td></t<> | YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 2 ft | Shakep |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): Yin LOCK PRESENT? YES LOCK FUNCTIONAL? WINA STATERAL: WELL MEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet): WINA MEASURE WELL DIAMETER (Inches): PY C PYSICAL CONDITION OF VISIBLE WELL CASING: Qina ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE Painhed Label PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES WINA DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Norde 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. Southeaste | ROTECTIVE CASING MATERIAL TYPE: | Stain | 1KSS steel |
| LOCK PRESENT? | IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | in YI | ES NO |
| LOCK FUNCTIONAL? X/A DD YOU REPLACE THE LOCK? X/A DIS 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): X MEASURE WELL DIAMETER (Inches): PV C WELL CASING MATERIAL: PV C O'HYSICAL CONDITION OF VISIBLE WELL CASING: Caudation of the provide t | OCK PRESENT? | | 0 |
| DID YOU REPLACE THE LOCK? N/T 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): X MEASURE WELL DEPTH FROM MEASURING POINT (Feet): X MEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet): X WEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet): Y WEASURE WELL DIAMETER (Inches): P V C OPY C CASING MATERIAL: P V C ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE Cac dd PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES Made DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Nature DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Nature DESCRIBE ACCESS TO WELL: Include accessibility to truck mounted rig, natural obstructions, overhead Nature DESCRIBE ACCESS TO WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED. Southeustein, add dige. of landkill bandary (Utside fence): Nord DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (c.g. Gas station, salt pile, etc.): | OCK FUNCTIONAL? | × | |
| 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 WELL DIAMETER (Inches): MEASURE WELL DIAMETER (Inches): PV C PVSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead hower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. The work of the structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. The work of the structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. 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. Southeaster of Restoration REQUIRED. Southeaster of Restoration REQUIRED. Southeaster of Restoration REQUIRED. MONCE EMARKS: | ID YOU REPLACE THE LOCK? | | NA |
| WELL MEASURING POINT VISIBLE? | S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | | × |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 'ELL MEASURING POINT VISIBLE? | | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. 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. Image: 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. Southeaster, etc.): DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): MONE | IEASURE WELL DEPTH FROM MEASURING POINT (Feet): | S 7 % | |
| MEASURE WELL DIAMETER (Inches): $2n$ WELL CASING MATERIAL: $p \vee c$ PHYSICAL CONDITION OF VISIBLE WELL CASING: $p \vee c$ Child $q \vee d$ PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. $p \vee c$ DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead $Nande$ DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead $Nande$ DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead $Nande$ DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) $Nande x = x^2 + x^2 $ | EASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | |
| WELL CASING MATERIAL: PV C PHYSICAL CONDITION OF VISIBLE WELL CASING: Gridd ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE Painted label PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. Marke DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Marke 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. Southeaster of age of large of | EASURE WELL DIAMETER (Inches): | | Lin |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: Cad Cal ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE Painted label PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. Name DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Name Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Name Describe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead Describe Accessibility to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. Image: 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. Southeastion edge.of landhill bandary and the structure edge.of landhill bandary and the structure edge.of landhill bandary and the structure edge.org Describe edge.of landhill bandary and the structure edge.org DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONL EMARKS: EMARKS: None None | 'ELL CASING MATERIAL: | • • • • • • • • • • • • • • • • • • • | PVC |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | HYSICAL CONDITION OF VISIBLE WELL CASING: | | houd |
| 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 cutside of permute 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. Southeastein edge of landfill bandary , cutside fence . DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONL EMARKS: | TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | Pai | None |
| 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. Southeastan edge of landfill bandary without force DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NOWE EMARKS: | ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ov | erhead | |
| In wooded area , or cutside of pennuter fince 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 bandary , cutside fence . DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONE | ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF | NECESSARY. | |
| 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 landhill bandary with dence DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.): NONE EMARKS: | In wooded area, on outside of perimular fence | | the second second |
| 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 bandary autside fence. DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.): NONE EMARKS: | | | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. Southeastern edge of landkill bandary cutsicle fence. DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONE EMARKS: | ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gai | rden, etc.) | |
| <u>Southeastern</u> <u>edge.ot</u> <u>landkill</u> <u>bandan</u> , <u>autside</u> <u>tence</u> . DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONE | ND ASSESS THE TYPE OF RESTORATION REQUIRED. | 0. | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONE | Southeastern edge. it landhill bandary, cutsicle - | rence. | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): NONE EMARKS: | | - * · | |
| (e.g. Gas station, salt pile, etc.): NONE REMARKS: | ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| EMARKS: | .g. Gas station, salt pile, etc.): NOWL | | <u></u> |
| EMAKNO: | | | |
| | .MAKK5: | and the second | |

| SITE NAME: Schate S | ITE ID.: | |
|---|--|--|
| | NSPECTOR: | KM+TS |
| MONITORING WELL FIELD INSPECTION LOG | ATE/TIME: | 1215 3/1/21 |
| v | VEII ID.: | BI |
| | | |
| WELL VISIBLES (If not provide directions below) | | |
| WELL COORDINATES? NYTM X NYTM Y | | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | VEC | |
| | X | |
| WELL LOCATION MATCH SITE MAP? (if not sketch actual location on back) | × × | |
| VELE ECONTION MATCH SITE WITH - (In not, skotch actual totalist on outly states) | L | 1 |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | |
| | YES | NO |
| SURFACE SEAL PRESENT? | | $+\hat{\mathbf{x}}$ |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | |
| | ·/ | J |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | - to the |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | <u> </u> | Steel Struct |
| PROTECTIVE CASING MATERIAL TYPE: | ,, | b |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Incles). | YES | NO |
| LOCK PRESENT? | | 4 |
| LOCK FUNCTIONAL? | | X |
| DID YOU REPLACE THE LOCK? | | |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | X | <u> </u> |
| WELL MEASORING POINT VISIBLE? | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | ······ |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | <u></u> | · |
| MEASURE WELL DIAMETER (Inches): | | - lead |
| WELL CASING MATERIAL: | | G 000 |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIEV MARKER TYPE | | pant |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | nort |
| | | |
| 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 NECE | SSARY. | |
| good landfill copfficture | •••••••••••••••••••••••••••••••••••••• | ······································ |
| | | |
| DESCRIPE WELL SETTING (For example located in a field in a playground on payement in a garden of | | |
| DESCRIBE WELL SET TING (FOI example, located in a field, in a prayground, on pavement, in a galacity, of AND ASSESS THE TYPE OF DESCRIPTION PEOLIDIAD $1/2$ | | |
| AND ASSESS THE TITLE OF RESTORATION RECORD. | | |
| | | |
| | | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| (e.g. Gas station, salt pile, etc.): | | |
| Λ <i>ρ</i> Υ | | |
| | | |
| | | |
| REMARKS: | | |
| | | |
| | | |

| SITE NAME: COUL | _SITE ID.: | · • |
|---|--------------------------------------|----------------------|
| MONITORING WELL FIELD INSPECTION LOG | INSPECTOR: DATE/TIME: WEILID : | $\frac{KM+TS}{1204}$ |
| | weitib.; | |
| WELL VISIBLE? (If not, provide directions below) | . YE | S NO |
| WELL COORDINATES? NYTM XNYTM Y | | , , |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | | |
| | YES | <u>s</u> NO |
| WELL I.D. VISIBLE? | · <u></u> | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | |
| R2 | | |
| VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | |
| | | |
| SURFACE SEAL PRESENT? | <u>−</u> & | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | | |
| ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | _ |
| | | |
| 1EADSTACE KEADING (PPM) AND INSTRUMENT USED | | Liekun 2 |
| YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (IT applicable) | | Var I |
| KOTECTIVE CASING MATERIAL TYPE: | | <u></u> |
| TEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches). | YES | S NO |
| OCK DD ESENTS | ⊢ × | |
| | X | |
| | • | X |
| S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes describe below) | | |
| /FLL MEASURING POINT VISIBLE? | X | |
| | · · · · · · | |
| IEASURE WELL DEPTH FROM MEASURING POINT (Feet): | • | |
| IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | <u> </u> |
| IEASURE WELL DIAMETER (Inches): | | Y" |
| /ELL CASING MATERIAL: | 5, | Legia |
| HYSICAL CONDITION OF VISIBLE WELL CASING: | | yave , |
| TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | J | point |
| ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | ront |
| | | |
| ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe | ad | |
| ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | CESSARY. | |
| good, clew | | |
| | | |
| | | |
| ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, | etc.) | |
| ND ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| wooded and | | |
| | | |
| | | |
| ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| .g. Gas station, salt pile, etc.): | | |
| NOVV | | |
| | | |
| | | |

}

| site NAME: Schafz | SITE ID.: | |
|--|----------------------|-------------------------|
| | INSPECTOR: | KM+TS |
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME: | 3/1/22 1140 |
| | WEll ID.: | <u>B3</u> |
| | Y | ES 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 | | |
| WELLID VISIBLE? | Y | C NO |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | 4 |
| f2 7 | L | . <u> </u> |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: \mathcal{B} | | |
| CLIDEACE SEAL DDESENTS | | ES NO |
| SURFACE SEAL COMPETENT? (If cracked heaved etc. describe below) | | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X | 0 |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | · · |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | | 2 |
| PROTECTIVE CASING MATERIAL TYPE: | | Sto.4/255 |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | <u>6</u> W |
| LOCK PRESENT? | | |
| LOCK FUNCTIONAL? | X | |
| DID YOU REPLACE THE LOCK? | | × |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) | | x |
| WELL MEASURING POINT VISIBLE? | × | : 1, |
| | | 2 ⁴⁹ - 13 |
| MEASURE WELL DEFTIEROW MEASURING FOUNT (FEE), | | |
| MEASORE DELTITIO WATER TROW MEASORING FORM (FCC). | | |
| WELLOOKE WEED DIAMETER (MERCS). | | PVC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING | | Innie hit ottach |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | Davia L |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | , <u> </u> | 10.ne |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over hower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF $g \sigma \sigma \sigma$ | erhead NECESSARY. | |
| | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard AND ASSESS THE TYPE OF RESTORATION REQUIRED landful Cap field S entrance | ien, etc.) | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.): パゥッ〜 | | |
| | | |
| | | |
| EMARKS: | | |
| | | |
| | | |

| SITE NAME: 7 chatz | SITE ID.: | |
|---|------------------|-------------|
| | INSPECTOR: | KMYTI |
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME: | 1227 3/1/2 |
| · · | WEll ID.: | 34 |
| | YE | S NO |
| WELL VISIBLE? (If not, provide directions below) | | <u> </u> |
| WELL COORDINATES? NYTM X NYTM Y | | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | · | |
| | | <u>s no</u> |
| | | |
| WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back) | | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | |
| CLIDEACE SEAL DESENTS | YE | <u>s</u> no |
| SURFACE SEAL COMPETENTS (If an alread between the later to be as) | | |
| DROTECTIVE CASING IN COOD CONDITIONS (IS have a labor to the labor to | × | |
| 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) | - 5.2. | rekup 3 |
| PROTECTIVE CASING MATERIAL TYPE: | | Feel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | 911- |
| | YES | 5 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? | | |
| | | |
| | | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Peet): | | <u> </u> |
| WELL CASING MATERIAL. | | 2 |
| | | |
| ATTACH ID MADKED (Read) ID 's as Composition MADKED THE | | Pant |
| ATTACH ID MARKER (II WEITID IS confirmed) and IDENTIFY MARKER TYPE | | 100 |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over power lines, proximity to permanent structures, etc.): ADD SKETCH OF LOCATION ON BACK. IF N | head ECESSARY | |
| | | |
| <u> </u> | | |
| | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde | en, etc.) | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| tield / land fill cap | | ······ |
| (, , , , , , , , , , , , , , , , , , , | | |
| | | • |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| (e.g. Gas station, salt pile, etc.): ハムハイ | | |
| | | |
| · · · · · · · · · · · · · · · · · · · | | |
| EMARKS: | | |
| locking components of spork up a | Vingea | |
| | / | |

Sketch
| MONITORING WELL FIELD INSPECTION LOG | SITE ID.: INSPECTOR: DATE/TIME: | KM+TS 3/122 1142 |
|---|--|---------------------------------------|
| | WEII ID.: | 57 |
| WELL VISIBLE? (If not provide directions below) | YES | NO |
| WELL COORDINATES? NYTM X NYTM Y | · <u>L ×</u> | |
| 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) | × | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | VES | |
| SURFACE SEAL PRESENT? | | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | <u>⊢ </u> | |
| ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | |
| | | _1/ |
| IEADSPACE READING (ppm) AND INSTRUMENT USED | • | |
| YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 5.1-2 | el stir. |
| KOLECTIVE CASING MATERIAL TYPE: | 5 | Leet |
| ALASOKE PROTECTIVE CASING INSIDE DIAMETER (Inches): | , | 1" |
| OCK PRESENT? | YES | NO |
| OCK FUNCTIONAL? | | |
| D YOU REPLACE THE LOCK? | | × |
| S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes describe below) | | |
| /ELL MEASURING POINT VISIBLE? | X | |
| | <u> </u> | |
| EASURE WELL DEPTH FROM MEASURING POINT (Feet): | ** | |
| EASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | |
| EASURE WELL DIAMETER (Inches): | | <u>z``</u> |
| AVSICAL CONDITION OF VISIPLE WELL CASING | PI | 14 |
| TACH ID MARKER (if well ID is confirmed) and IDENTIEV MARKED TYPE | bei | n+ |
| CONTROLING WARREN (IT WENT DIS CONTINUED) AND IDEN TIFY MARKER TYPE | P | a / - (p |
| COMMANY TO CADEROROUND OR OVERHEAD UTILITIES | <u> </u> | 2000 8 |
| SCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECE | I ESSARY. | |
| - OK, in thick overgrouph | | |
| | ······································ | |
| | | |
| SCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, et | tc.) | |
| VD ASSESS THE TYPE OF RESTORATION REQUIRED. | | |
| in threak onergrowth | | |
| | | · · · · · · · · · · · · · · · · · · · |
| | · · · · · · · · · · · · · · · · · · · | |
| INTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | |
| g. Gas station, salt pile, etc.): | | |
| Nonre | | |
| | - | |
| · · · · · · · · · · · · · · · · · · · | | |
| | | |
| ARKS: | 1 | <u></u> |
| MARKS: Casing bent ~ 1' ftpc no lock | May Hol 2 | er- |

| SITE NAME: / CVIAO C | SITE ID.: | · |
|--|---------------------------------------|--------------------------------------|
| MONITORING WELL FIELD INSPECTION LOG | INSPECTOR: DATE/TIME: WEll ID.: | <u>KM+t</u> 1246 3/ <u>310</u> |
| WELL VISIBLE? (If not provide directions below) | YE | S NO |
| WELL COORDINATES? NYTM X NYTM Y | <u>L</u> X | <u> </u> |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | | |
| | YES | 5 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: 5.00 | | |
| SURFACE SEAL PRESENTS | YES | NO |
| SURFACE SEAL COMPETENT? (If cracked heaved ato, denoting helper) | | |
| ROTECTIVE CASING IN GOOD CONDITION? (If damaged describe below) | | |
| | | |
| IEADSPACE READING (ppm) AND INSTRUMENT USED | | |
| YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | · | |
| ROTECTIVE CASING MATERIAL TYPE: | f | |
| LEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | |
| OCK PRESENT? | YES | NO |
| OCK FUNCTIONAL? | | |
| ID YOU REPLACE THE LOCK? | · · | |
| THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes describe below) | | $+ \times$ |
| ELL MEASURING POINT VISIBLE? | | |
| | | |
| EASURE WELL DEPTH FROM MEASURING POINT (Feet): | | |
| EASURE WELL DIAMETER (Inchas): | | |
| ELL CASING MATERIAL | ē | R'' |
| YSICAL CONDITION OF VISIBLE WELL CASING | | |
| TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | |
| OXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | ML . |
| | | orne |
| SCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead | d | |
| ver lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NEC. | ESSARY. | |
| 1001 Onesgionn | | |
| | | |
| SCRIBE WELL SETTING (For example located in a field in a relevant | | |
| D ASSESS THE TYPE OF RESTORATION REQUIRED | etc.) | |
| | | |
| Unegound nooded any | | |
| | | |
| NTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION IF PRESENT | | |
| Gas station, salt pile, etc.): | | |
| none | | |
| | • • | |
| | | |
| ARKS: | ` | / |
| | - | 1 |

| Sketch | |
|--------|--|
| ORCIUI | |

wrong

DAILY INSPECTION REPORTPage 1 of 9Report No. 20220728 Schatz Federal Bearings- NYSDEC Site No. 314003Date: 7/28/2022

| NYSDEC Division of Environme | DEC ion of Environmental Remediation | | | | NYSDEC Contract No. D009812-25 Superintendent: NA | | | | | |
|--|---|--|--|---|--|---|---|---|--|--|
| Site Location: Forme | er Schatz Feder | al Bearing | as Van Wa | agner | Rd, | | | | | |
| Poughkeepsie, NY | | | | | | NYSDEC PM | : Robert S | trang | | |
| Weather Conditions | | | | | | Consultant Pl | M: Matthe | w Hoskins | | |
| General Description | Sunny, Dry | AM | Su | inny, D | ry | PM | Consultant Si | te Inspecte | ors: | |
| Temperature | 70 °F | AM | | 90 °F | | PM | Richard DeP | olo & Tavla | or Shanley | |
| Wind | 0 - 5 mph N | AM | 0 - | 5 mph | I N | PM | Richard Der G | | | |
| Health & Safety If any box below is | checked "Yes' | ', provide | explana | tion u | Inder "H | ealth & | & Safety Con | nments". | | |
| Were there any changes to the Health & Safety Plan? | | | | | *Yes | No X | NA | | | |
| Were there any exceed | ances of the perir | neter air m | onitoring re | eported | d on this d | late? | *Yes | No X | NA | |
| Were there any nuisand | e issues reported | l/observed | on this dat | te? | | | *Yes | No X | NA | |
| Health & Safety Con | nments | | | | | | | I | | |
| Site work performed in | Level D PPE. | | | | | | | | | |
| Summary of Work P | erformed | Arrived a | t site: | 15:00 |) | D | eparted Site: | 15:45 | | |
| | The trees were cu | t down and | the entry | pairs, \ space | which were was clear | e detern red of a | nined to be ade Il debris cause | equate for p d by the fa | providing Illen tree | |
| Equipment/Material If any box below is o | The trees were cu s of the repairs a Tracking checked "Yes" | , provide | explanat | pairs, v space is repo | which were was clear ort. No oth | e detern red of a ner fend | nined to be ade II debris cause be repair action | equate for p d by the fa i is require | providing illen tree d at this | |
| Equipment/Material If any box below is of Were there any vehicles | The trees were cu s of the repairs a Tracking checked "Yes" s which did not dis | , provide | explanat er D.O.T nu | pairs, v space is repo is repo | which were was clear ort. No oth ort. No oth | e detern red of a ner fend aterial ards? | nined to be ade II debris cause the repair action Tracking Co *Yes | equate for p d by the fa is require | voviding Illen tree d at this | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles | Tracking checked "Yes" s which did not dis s which were not | , provide splay prope tarped? | explanat er D.O.T nu | ipairs, v space nis repo is repo | which were was clear ort. No oth ort. No oth nder "Ma s and plac | e detern red of a her fend aterial ards? | nined to be ade II debris cause ce repair action Tracking Co *Yes * Yes | mments' | NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles | Tracking checked "Yes" s which did not dis s which were not is | , provide splay prope tarped? decontamir | explanat er D.O.T nu nated prior | tion unumbers | which were was clear ort. No oth ort. No oth and plac | e detern red of a her fend ards? | Tracking Co *Yes * Yes * Yes * Yes | mments' No No | NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Personnel and Equi | Tracking checked "Yes" s which did not dis s which were not is s which were not is pment | , provide splay prope tarped? decontamir | explanat er D.O.T nu nated prior | is repo | nder "Ma and plac | aterial ards? | nined to be ade II debris cause ce repair action Tracking Co *Yes *Yes * Yes ? * Yes | mments' No No No | Providing Illen tree d at this NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Mere there any vehicles Individual | Tracking checked "Yes" s which did not dis s which were not of pment | , provide splay prope tarped? decontamir | explanat explanat or D.O.T nu nated prior | tion understand | nder "Ma and plac | e detern red of a ner fend ards? ork site | nined to be ade II debris cause ce repair action Tracking Co *Yes * Yes ? * Yes ? * Yes | mments' No No No | NA X NA X NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Were there any vehicles Mere there any vehicles | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide splay prope tarped? decontamir Ca TRC | explanat er D.O.T nu nated prior company Companies | tion un to exit | which were was clear ort. No oth ort. No oth and plac | aterial ards? T Generic ards ards ards | Tracking Co *Yes *Yes *Yes *Yes rade blogist | mments' No No Tot | NA X NA X NA X NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Experience and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dia s which were not s which were not pment | , provide splay prope tarped? decontamir <u>co</u> TRC TRC | explanat explanat er D.O.T nu nated prior companies Companies | tion unumbers | nder "Ma s and plac | aterial ards? | nined to be ade II debris cause the repair action Tracking Co *Yes *Yes *Yes *Yes *Yes *Yes rade blogist Engineer | mments' No No Tot | A constraints of the second se | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Personnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide are enclose splay prope tarped? decontamir ca TRC | explanat explanat er D.O.T nu nated prior ompany Companies Companies | to exit | nder "Ma and plac ing the wo | aterial ards? ork site' <u>T Ge</u> Staff | nined to be ade II debris cause the repair action Tracking Co *Yes *Yes *Yes *Yes rade plogist Engineer | mments' No No Tot | NA X NA X NA X NA X NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Tersonnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of pment | , provide are enclose splay prope tarped? decontamir <u>Co</u> TRC | explanat explanat er D.O.T nu nated prior ompany Companies Companies | tion understand | nder "Ma and plac ing the wo | aterial ards? ork site Staff | nined to be ade II debris cause ce repair action Tracking Co *Yes *Yes * Yes ? * Yes rade blogist Engineer | mments' No No Tot | NA X NA X NA X NA X NA X NA X NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Were there any vehicles Tersonnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide are enclose splay prope tarped? decontamir Co TRC | explanat explanat er D.O.T nu nated prior ompany Companies | tion understand | nder "Ma ort. No oth a and plac ing the wo | aterial ards? T Ge Staff | nined to be ade II debris cause ce repair action Tracking Co *Yes * Yes ? * Yes rade blogist Engineer | mments' No No Tot | NA X NA X NA X NA X NA X A NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Tersonnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide splay prope tarped? decontamir co TRC TRC | explanat explanat er D.O.T nu nated prior <u>companies</u> <u>Companies</u> | tion understand | nder "Ma ort. No oth a and plac ing the wo | aterial ards? T Ge Staff | nined to be ade II debris cause ce repair action Tracking Co *Yes * Yes ? * Yes ? * Yes rade Diogist Engineer | mments' No No Tot | NA X NA X NA X NA X NA X A NA X NA X | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Personnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide splay prope tarped? decontamir <u>Ca</u> TRC | explanat explanat er D.O.T nu nated prior companies Companies | tion unumbers | nder "Ma ort. No oth a and plac | aterial ards? | nined to be ade II debris cause ce repair action Tracking Co *Yes *Yes *Yes rade blogist Engineer | mments' No No Tot | A constraints of the second se | |
| Equipment/Material If any box below is of Were there any vehicles Were there any vehicles Were there any vehicles Personnel and Equi Individual Rich DePolo Taylor Shanle | Tracking checked "Yes" s which did not dis s which were not of s which were not of pment | , provide are enclose splay prope tarped? decontamir Ca TRC | explanat explanat er D.O.T nu nated prior ompany Companies | tion understand | nder "Ma ort. No other and place ing the wo | aterial ards? prk site ^r | Tracking Co Tracking Co Yes Yes Yes rade Dogist Engineer | mments' No No Tot | NA X NA X NA X NA X NA X INA X INA X | |



DAILY INSPECTION REPORT

| Equipment Description | on | | Contractor/Ven | lor | | Quantity | Use | he |
|-----------------------------------|-----------------------------------|----------------------|---------------------------------|---------|------------------------------------|-------------------------|----------------|----------------------------|
| Not Applicable | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Material Description | Imported/ Delivered to Site | Exported off Site | Waste Profile (If Applicable | 9 9) | Source or Facility (If <i>J</i> | Disposal Applicable) | Daily Loads | Daily Weight (tons)* |
| Not Applicable | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| *On-Site scale for off-site shipn | nent, delivery | ticket for mater | ial received | | | | I | |

NEW YORK STATE OF OPPORTUNITY

Report No. 20220728 Schatz Federal Bearings- NYSDEC Site No. 314003

Page **3** of **9** Date: 7/28/2022

Equipment/Material Tracking Comments: Not Applicable

Visitors to Site

| Name | Re | presenting | Entered Exc | lusion/CRZ Zone |
|----------------------|----|--------------|-------------|-----------------|
| Not Applicable | | | Yes | No |
| | | | Yes | No |
| Site Representatives | | | | |
| Name | | Representing | | |
| Not Applicable | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



DAILY INSPECTION REPORT

Report No. 20220728 Schatz Federal Bearings- NYSDEC Site No. 314003 Date

Page **4** of **9** Date: 7/28/2022

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



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



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.



Department of Environmental Conservation



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

| 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□ |
| <u>Comments</u> : 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 🗆 | РМ 🗆 | N/A□ |
| Are products and materials appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative [®] , etc.)? | Yes 🗆 | No 🗆 | N/A□ |



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

Page **9** of **9**

| 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□ |
| <u>Comments:</u> Not applicable. No remedial activities being performed on-Site. | | | |



DAILY INSPECTION REPORTPage 1 of 9Report No. 20230227 Schatz Federal Bearings- NYSDEC Site No. 314003Date: 2/27/2023

| NYSDEC Division of Environmental Remediation Site Location: Former Schatz Federal Bearings - Van Wagner Rd, Poughkeepsie, NY | | | | | NYSDEC Contract No. D009812-25 Superintendent: NA NYSDEC PM: Robert Strang | | | |
|--|--|------------|------------------|--------------|---|-----------------|------------|-----------|
| r ougrittoopolo, i ti | Weather Co | onditior | າຣ | | | Consultant PM | I: Matthev | v Hoskins |
| General Description | Clear, Sunny | AM | Clear, S | unny | PM | Consultant Site | e Inspecto | rs. |
| Temperature | 34 °F | AM | 42 °l | | PM | | | |
| Wind | Wind 5 - 10 mph N AM 5 - 10 mph N PM | | | | | Rich DePolo & | Matthew | Schappert |
| Health & Safety If any box below is | checked "Yes", | provide | explanation | under "He | ealth & | & Safety Com | ments". | |
| Were there any change | es to the Health & Sa | afety Plar | ו? | | | *Yes | No X | NA |
| Were there any exceed | ances of the perime | eter air m | onitoring report | ed on this d | ate? | *Yes | No X | NA |
| Were there any nuisand | ce issues reported/o | bserved | on this date? | | | *Yes | No X | NA |
| Health & Safety Cor | nments | | | | | | 1 | 1 |
| Site work performed in | Level D PPE. | | | | | | 40.00 | |
| Summary of Work F | erformed A | Arrived a | t site: 10:0 | 0 | D | eparted Site: | 12:30 | |
| 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 in accordance with the Site Management Plan (SMP). The Site inspection included performing a visual inspection of the landfill cap and perimeter. The landfill cap was dry, stable and in good condition. No visible erosion, cracks, settlement, or seeps were observed. Two small animal burrows were observed near S-4 and S-5. TRC backfilled the entrances to the burrows with shovels. The drainage swales around the landfill were observed to be dry and in good condition. There are a few locations where woody vegetation is growing in the drainage swales. Site access roads around the perimeter of the Site are in good condition, with no signs of erosin along the road. Damage to the perimeter fence was observed east of monitoring well S-8, where the lattice of the chain-link fence is separated from the poles in some areas. The same damaged fence area contains overgrowth of small trees that will need to be trimmed as well. TRC recommends a qualified contractor remove the woody vegetation and brush within the drainage swales and conduct repairs on the fence. Site monitoring well conditions were recorded on the attached monitoring well field inspection logs. Overall, the wells were in good condition except for B-1, S-7, S-4 and S-8. Monitoring well B-1 was missing the well casing cap. The well could not be locked because the top of the vell casing was flush with he top of the protective casing which does not allow space for the locking mechanism of the protective casing lid. Monitoring well S-7 was missing the casing lid and also the interior PVC well casing is bent, but the well can still be gauged and sampled. Monitoring well S-4 had damage to the locking mechanism of the protective casing lid. Mo | | | | | | | | |
| Equipment/Material | Tracking | | | | | Turali | | |
| IT ANY DOX DEIOW IS | cnecked "Yes", p | | | unaer "Ma | | | nments". | |
| Were there any vehicle | s which were not disp | iay prope | er D.O.T numbe | is and place | ards? | * Yes | NO No | |
| Were there any vehicle | s which were not tar | ped? | otod prior to a | iting the we | rlante | | No | |
| | | | | | NIN SILE | : 103 | | |



DAILY INSPECTION REPORT

Report No. 20230227 Schatz Federal Bearings- NYSDEC Site No. 314003

| Personnel and Equipment | | | | | | | | |
|-----------------------------------|------------------------|----------------------|---------------------------------|--------|------------------------------------|--------------------------------------|----------------|----------------------------|
| Individual | | Co | mpany | | Trade | | Total I | lours |
| Rich DePolo | | TRC En | aineers. Inc. | | Geologist | | 2. | 5 |
| Matthew Schappert | | TRC En | gineers, Inc. | | Project Geologist | | 2. | 5 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Equipment Description | on | | Contractor/Vend | lor | | Quantity | Us | ed |
| Not Applicable | | | | | | | | |
| Not Applicable | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | 1 | | | | | | |
| Material Description | Imported/ Delivered | Exported off Site | Waste Profile (If Applicable | e) | Source or Facility (If <i>J</i> | [.] Disposal Applicable) | Daily Loads | Daily Weight (tons)* |
| Not Applicable | | | | | | | | () |
| | | 1 | | | | | | |
| | | 1 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| *On Site early for off site shire | l | ticket for mater | ial received | | | | | |
| Un-Site scale for off-site shiph | nent, aelivery | licket for mater | iai received | | | | | |



DAILY INSPECTION REPORT

Report No. 20230227 Schatz Federal Bearings- NYSDEC Site No. 314003

Page **3** of **9** Date: 2/27/2023

| Equipment/Material | Tracking Comments: |
|--------------------|--------------------|
|--------------------|--------------------|

Not Applicable

Visitors to Site

| Name | Representing | Entered Exc | lusion/CRZ Zone |
|------|--------------|-------------|-----------------|
| | | Yes | No |

Site Representatives

| Name | Representing |
|------|--------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Project Schedule Comments

None.

Issues Pending



Will require call-out contractor (Precision) to repair perimeter fence, as well as trim/cut down shrubs located within the drainage ditches within the landfill area.

Interaction with Public, Property Owners, Media, etc.

None

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



DAILY INSPECTION REPORT

Report No. 20230227 Schatz Federal Bearings- NYSDEC Site No. 314003







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

| Have anyone at this location been tested and on COVID-19? | confirmed to have Yes | No 🗆 |
|---|---|------|
| 2. Is anyone at this location isolated or quarantine | ed for COVID-19? Yes | No 🗆 |
| Has anyone at this locaton had contact with an COVID-19 in the past 14 days? | yone known to have Yes □ | No 🗆 |
| Does anyone at this locaton have any symptom infection (e.g., cough, sore throat, fever, or sho | ns of a respiratory ortness of breath)? Yes □ | No 🗆 |
| 5. Does the Department and its contractors have the property at this time? | your permission to enter Yes □ | No 🗆 |
| If Yes to <u>any</u> of 1-4 above: If it is <u>not</u> critical that service/entry be carried of be postponed until the risk of COVID-19 is low accomplished remotely/without entry, postponed without entry. If it <u>is</u> critical that service/entry be carried out in occupants that as a precaution and for our owr personnel will be donning appropriate PPE* (in protection) - and do so prior to entry. | ut immediately and can er, or can be e or conduct service nmediately, advise n protection, project cluding respiratory | 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 🗆 | РМ 🗆 | N/A⊠ |
| Are products and materials appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative [®] , etc.)? | Yes 🗆 | No 🗆 | N/A⊠ |



Page **9** of **9** Date: 2/27/2023 Report No. 20230227 Schatz Federal Bearings- NYSDEC Site No. 314003

| 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⊠ |
| <u>Comments:</u> Not applicable. No remedial activities being performed on-Site. | | | |



Site-Wide Semi-Annual Inspection Form

Schatz Federal Bearing Van Wagner Road Poughkeepsie, New York

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

| Item | Yes | No | N/A | Comments |
|--|-----|----|-----|---|
| Does the Engineering Control continue to perform as designed? | Х | | | 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? | Х | | | |
| Has remedial performance criteria been achieved or maintained? | Х | | | Site undergoing monitoring per SMP. |
| Has sampling and analysis of appropriate media been performed during the monitoring event? | | Х | | |
| Have there been any modifications made to the remedial or monitoring system? | | Х | | |
| Does the remedial or monitoring system need to be changed or altered at this time? | | х | | |
| Has there been any intrusive activity, excavation, or construction occurred at the site? | | х | | |
| Were the activities mentioned above, performed in accordance with the SMP? | | | х | 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? | | х | | |
| 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? | | Х | | |
| 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 Inspector's Company: TRC Engineers

Signature of Inspector:

Date: 2/27/2023

•

| SITE NAME: Schatz Federal Bearings | SITE ID. | : | 314003 |
|--|------------|------------|-----------|
| | INSPEC | IOR: | RD/MS |
| MONITORING WELL FIELD INSPECTION LOG | DATE/T | IME: | 2/27/2023 |
| 9. | WEll ID. | : | B-1 |
| 3 | | VES | NO |
| | | YES | |
| WELL VISIBLE? (If not, provide directions below) | ** | | _ |
| DOD Deading from Trimble Bathfinder: Satelitee: | | | |
| GPS Method (airela) Trimble And/Or Magellan | | | |
| Or S Method (circle) Milliole Andron Magenan | | YES | INO |
| WELLID VISIBLE? | | X | |
| WELL LOCATION MATCH SITE MAP? (if not sketch actual location on back) | | × | |
| WELL LOCATION WATCH STIL WAT? (IT NO, SKEEN actual location on block) | | | |
| WELLLD, AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | | |
| | | 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 |
| | | 2 | |
| 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" Stainle | ss 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 | 1 |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | 51.0 | 03 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | 10 | .12 |
| MEASURE WELL DIAMETER (Inches): | | 4" | |
| WELL CASING MATERIAL: | | 2 | Steel |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | | Goo | od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | pair | nted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | a |
| DECOMPENDE A COPOLETO MUELLA (L. L. L | and | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck moduled fig, natural obstructions, over | CESSAR' | Y | |
| Good by foot within landfill area (no obstructions) | JOLODAR | 1. | |
| | | | |
| | | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde | n, 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 | | | |
| N N N N N N N N N N N N N N N N N N N | | | |
| | | | |
| REMARKS: | | | |
| n/a | | | |

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: INSPECTOR: | 314003 RD/MS |
|---|-------------------------------------|--|
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME: WEll ID.: | 2/27/2023 B-2 |
| WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y | YES X | NO |
| PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? | YES X | 5 NO |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | |
| SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | YES X X X | S NO |
| 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): | 6 ^{'''} Stainl | 4 feet ess Steel |
| LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE? | X | X X X X |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | 34 8 | .92 .31 Steel od inted /a |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhed power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE Good, by foot, outside landfill area within clearing (no obstructions) | ad CESSARY. | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED. Outside landfill parameter fence north of landfill (forest upland area) | , etc.) | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): n/a | | |
| REMARKS: | | |

*

| SITE NAME: Schatz Federal Bearings MONITORING WELL FIELD INSPECTION LOG | SITE ID.: INSPECTOR: DATE/TIME: WEll ID.: | | 314003 RD/MS 2/27/2023 B-3 |
|--|--|----------|-------------------------------------|
| | | VES | INO] |
| WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y | 6 | X | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | | |
| GPS Method (circle) I rimble And/Or Magellan | 1 | YES | NO |
| WELL I.D. VISIBLE? | | Х | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | х | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | | |
| | | YES | NO |
| SURFACE SEAL COMPETENT? (If graded heaved ato describe below) | | X | - |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | X | |
| | 2 | | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | n/a | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 0 | 2 f | eet |
| PROTECTIVE CASING MATERIAL TYPE:4" | 0 | Stainles | s Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | 0 | YES | NO |
| LOCK PRESENT? | 1 | X | |
| LOCK FUNCTIONAL? | * | х | |
| DID YOU REPLACE THE LOCK? | 1 | | 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: | | F | VC |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | | Good | /Fair |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | pain | ted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhed power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE Good, by foot, near landfill interior fence | ad CESSARY. | | |
| | | | |
| 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. | | | |
| | | | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): n/a | n | | |
| | | | |

REMARKS:

*

| SITE NAME: Schatz Federal Bearings | SITE ID.: | | 314003 |
|---|------------|-------------|-----------------|
| | INSPECTOR: | | RD/MS |
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIN | AE: | 2/27/2023 |
| 9. | WEll ID.: | | B-4 |
| | | VES | NO |
| WELL VISIBLE? (If not provide directions below) | 2.0 | 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? | | <u> </u> | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | <u> </u> | |
| B-4 | | | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | YES | NO |
| SUBEACE 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 f | eet |
| PROTECTIVE CASING MATERIAL TYPE: | 6 | 5" Stainles | s Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | | VEC | |
| | | YES | NU |
| LOCK PRESENT? | | | |
| | ** | | v |
| 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): | | 31.9 | 7 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | 15. | 92 |
| MEASURE WELL DIAMETER (Inches): | | 4" | |
| WELL CASING MATERIAL: | | | stainless Steel |
| ATTACH ID MADKED (Gualling) and IDENTIEV MADKED TYPE | | Good | ted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD LITILITIES | | ' | |
| FROMINITY TO UNDERGROUND OR OVERHEAD OTHERTES | | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overh | ead | | |
| power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | CESSARY | 3 | |
| Good, by foot, in brush (not overgrown) | | | |
| | | | |
| | | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden | n, 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.): | | | |
| 11/a | 1 | | |
| | | | |
| | | | |

REMARKS:

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: | 314003 |
|--|-----------------|------------------|
| MONITODING WELL FIELD INSDECTION LOC | INSPECTOR: | |
| MUNITORING WELL FIELD INSPECTION LOG | WFILID | 2/27/2023 B-5 |
| × | WEITID. | |
| | YE | S NO |
| WELL VISIBLE? (If not, provide directions below) | •• L× | |
| WELL COORDINATES? NYTM XNYTM Y | | |
| GPS Method (circle) Trimble And/Or Magellan | | |
| | YE | S NO |
| WELL I.D. VISIBLE? | .) | < |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | |
| B-5 | | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | I YE | |
| 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 | 2 feet |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (IT applicable) | 6" Stair | nless Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6" | 53 4 | |
| | YE | ES NO |
| LOCK PRESENT? | × | (|
| LOCK FUNCTIONAL? | | < |
| DID YOU REPLACE THE LOCK? | | <u> </u> |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (IT yes, describe below) | × | X |
| WELL MEASORING FORME VISIBLE! | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 1 | 20.81 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | 15.52 |
| MEASURE WELL DIAMETER (Inches): | 4 | |
| WELL CASING MATERIAL: | P | |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | P | painted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a |
| | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhold the second structure of t | | |
| Good, by foot, in brush outside parameter fence (not overgrown) | CESSART | |
| (,,,, | | |
| | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garder | a, 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 nile, etc.): | | |
| n/a | | |
| | | |
| | | |
| REMARKS: | | |

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: | 314003 |
|--|------------------------|----------------------------------|
| MONITORING WELL FIELD INSPECTION LOG | DATE/TIME WEll ID.: | 2/27/2023 S-1 |
| | | YES NO |
| WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites: | s [| X |
| GPS Method (circle) Trimble And/Or Magellan | | YES NO |
| WELL I.D. VISIBLE? | | X X |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | Ē | YES NO |
| SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | x x 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): | 6" 5 | n/a 3 feet Stainless Steel |
| LOCK PRESENT? | | YES NO X |
| LOCK FUNCTIONAL? | * | X X |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE? | | X X |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): | - | 19.27 9.82 2" |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | | Good |
| ATTACH ID MARKER (If well ID is confirmed) and IDENTIFY MARKER TYPE | | n/a |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhed power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE Good, by foot, within parameter fence (no obstructions) | ead CESSARY. | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED. Eastern edge of landfill, along drainage ditch parameter | ., etc.) | |
| | | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): n/a | ^ | |
| REMARKS: | | |

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: | 314003 |
|--|------------|-----------------|
| MONITORING WELL FIFLD INSPECTION LOG | DATE/TIME: | RD/MS |
| | WEll ID.: | 2/2//202 S-2 |
| 9. | 1 | |
| WELL VISIBLE? (If not, provide directions below) | YES | |
| WELL COORDINATES? NYTM X NYTM Y | | _ |
| PDOP Reading from Trimble Pathfinder: Satelites: | | |
| GPS Method (circle) Trimble And/Or Magellan | | 1 |
| | 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 | n/a | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | 2 | feet |
| PROTECTIVE CASING MATERIAL TYPE: | 4" Stain | less 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? | <u> </u> | 1 |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | 33. | 71 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | Dr | ry |
| MEASURE WELL DIAMETER (Inches): | 2" | |
| WELL CASING MATERIAL: | PV0 | 0 |
| PHYSICAL CONDITION OF VISIBLE WELL CASING | Go | bod |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | pai | nted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | n/: | а |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe | ad | |
| power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE | CESSARY | |
| Good, by foot, within parameter fence (no obstructions) | | |
| | eta) | |
| DESURIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, | , etc.) | |
| Mithin forget unland area, parth of landfill outside of parameter forge | | |
| | | |
| | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION. IF PRESENT | | |
| a a Gas station solt nile etc.) | | |

n/a

REMARKS:

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: INSPECTOR: DATE/TIME: | 314003 RD/MS |
|---|---------------------------------------|---|
| | WEll ID.: | S-3 |
| WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan | YES X | S NO |
| WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | X X X | |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-3 | [YES | |
| SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | X X 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):6" | 4" Stair | a 2 feet nless Steel |
| LOCK PRESENT? | | x x x |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING; ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | 32 2" PV G pa | 2.71 3.71 /C Good inted /a |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NEG Good, by foot, within parameter fence (no obstructions) | ad CESSARY. | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, AND ASSESS THE TYPE OF RESTORATION REQUIRED. Entrance to landfill, within parameter fence in southwest corner. | , etc.) | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): n/a | | |
| REMARKS: | | |

•

| SITE NAME: Schatz Federal Bearings | SITE ID.: | 0.0 | 314003 | | |
|---|---------------------------------------|------------|--|--|------------------|
| MONITORING WELL FIELD INSPECTION LOG | INSPECTOR: DATE/TIME: WEll ID.: | | TION LOG DATE/TIME: 2/2 Well ID.: S | | 2/27/2023 S-4 |
| WELL VISIDIE2 (If not anomido directions helpsy) | | YES | NO | | |
| 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: | | YES | NO | | |
| SURFACE SEAL PRESENT? | | Х | | | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | | | X | | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)Needs replacement casin | g (cracked) | | X | | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | n/a | | | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | | 3 f | eet | | |
| PROTECTIVE CASING MATERIAL TYPE: | | 4" Stainle | ess Steel | | |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):6 | | | | | |
| | | X | NU | | |
| LOCK PRESENT? | | | 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? | | Х | | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | 28.3 | 1 | | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | Dry | / | | |
| MEASURE WELL DIAMETER (Inches): | | 2" | | | |
| WELL CASING MATERIAL: | | PVC | | | |
| ATTACH ID MARKER (if well ID is confirmed) and IDENITIEV MARKER TVPE | | pain | ted | | |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | ' n/a | | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhed power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE Good, by foot, within parameter fence in center of landfill area | ead CESSARY | 27 | | | |
| 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 | | | | | |

•

| SITE NAME: Schatz Federal Bearings | SITE ID. | | 314003 |
|--|------------------|-------------------------|-----------|
| MONITORING WELL FIELD INSPECTION LOG | DATE/T | INSPECTOR: DATE/TIME | |
| | WEll ID. | ; | S-5 |
| 3* | | YES | NO |
| WELL VISIBLE? (If not, provide directions below) | | X | |
| PDOP Reading from Trimble Pathfinder: Satelites: | | | |
| GPS Method (circle) Trimble And/Or Magellan | | VE | INO |
| WELL I.D. VISIBLE? | | X | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)Map.edit.was.made la | ast inspection | | X |
| WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | | YES | I 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" Stainl | ess Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6" | | | |
| LOCK PRESENT? | | X | NO |
| 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): | | 50.9 | 92 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | Dr | у |
| MEASURE WELL DIAMETER (Inches): | | 2" | |
| WELL CASING MATERIAL: | | PVC |) |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | | Go | od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | pair | nted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | a |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over | erhead | | |
| power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF | NECESSAR | Y. | |
| 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 gar | den, etc.) | | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | | |
| | | | |
| | х., ^н | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station salt nile, etc.): | | | |
| n/a | | | |
| | | | |
| 2EMARKS | | | |
| TRC filled in entrance to rodent burrow near well, TRC to update map with correct well loca | ation. | | |

.

| SITE NAME: Schatz Federal Bearings MONITORING WELL FIELD INSPECTION LOG | SITE ID.:3140INSPECTOR:RD/MDATE/TIME:2/27/Well ID.:S-7 | |
|--|--|--|
| WELL VISIBLE? (If not, provide directions below) NYTM Y WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back). WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back). SurfACE SEAL COMPETENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Needs replacement, cra PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Needs replacement, cra TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 0" LOCK FUNCTIONAL? Lock could not be fitted on well DID YOU REPLACE THE LOCK? IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE? MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING PVC is bent inside (can still be sampled/gauged) ATTACH HD MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | Acked YES X X X YES X X X X X X YES X X X X YES X X X X YES X X X X YES X X X X X YES X X X X X X X X X X X X X X X X X X X | S NO S NO S NO S NO S NO S NO X A 2 feet nless Steel S NO X X X X X X X X X X X X X |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED. Western side of landfill, outside of parameter fence. | ı, etc.) | |
| IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): n/a | | |

REMARKS:

*

| SITE NAME: Schatz Federal Bearings | SITE ID.: | p . | 314003 |
|---|-----------|------------|------------------|
| MONITODINC WELL FIFLD INSPECTION LOC | DATE/TIM | INSPECTOR: | |
| MONITORING WELL FIELD INSI ECTION LOG | WEll ID.: | ь. | 2/27/2023 S-8 |
| | | VES | INO |
| 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 | - | | 1 |
| | L | YES | NO |
| WELL I.D. VISIBLE? | | X | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | X | |
| WELLED AS IT ADDEADS ON DEOTECTIVE CASING OF WELLS | | | |
| WELL I.D. AS IT AFFEARS ON FROTECTIVE CASING OR WELL. | Г | YES | NO |
| SURFACE SEAL PRESENT? | - | X | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | F | X | - |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | Х | |
| | | | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | ~ | n/a | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | | 21 | feet |
| PROTECTIVE CASING MATERIAL TYPE: | 2 | " Stainle | ess Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6" | - - | | 1 |
| | | YES | NO |
| LOCK PRESENT? | ŀ | X | |
| LOCK FUNCTIONAL? | | | |
| DID YOU REPLACE THE LOCK? | 9 | | |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (IT yes, describe below) | ŀ | | ^ |
| WELL MEASORING FOINT VISIBLE? | L | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | 9.21 | |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | - | 7.6 | 9 |
| MEASURE WELL DIAMETER (Inches): | | 2" | |
| WELL CASING MATERIAL: | | PVC | |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | - | Go | od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | | pain | ted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | |
| DEGODIDE A COECE TO WELL, (h, h, h, a second like to truck mounted tig natural obstructions, over | head | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck modified rig, natural obstructions, over | JECESSARY | | |
| Good by foot outside parameter fence in clearing (no obstructions) | Loborner. | | |
| | | | |
| | | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard | en, etc.) | | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | | |
| Near pond/wetland area northwest of landfill outside of fence, entry by fence gate. | | | |
| | | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | | |
| (e.g. Gas station, salt pile, etc.): | | | |
| | | | |

REMARKS:

*

| SITE NAME: Schalz receral bearings | - SITE ID.: | p. | 314003 |
|--|-------------|------------|------------------|
| MONITODING WELL FIFLD INSPECTION LOC | DATE/TIM | INSPECTOR: | |
| MONITORING WELL HELD INSI ECTION LOG | WEll ID.: | . | 2/27/2023 S-9 |
| 34 | | VES | INO |
| 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 | - | | 1110 |
| | - | YES | NO |
| WELL I.D. VISIBLE? | | X | |
| WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) | | X | |
| WELLED AS IT APPEARS ON PROTECTIVE CASING OR WELL. S-9 | | | |
| WEEL I.D. AS IT AITEARS ON TROTECTIVE CASING OR WEEL. | Г | YES | NO |
| SURFACE SEAL PRESENT? | | Х | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | | х | 1 |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | Х | |
| | 2 | | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | - | n/a | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | - | 2 f | feet |
| PROTECTIVE CASING MATERIAL TYPE: | 4 | " Stainle | ess Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): | Ē | VEC | |
| | | YES | NU |
| LOCK PRESENT? | F | ~ | - |
| LOCK FUNCTIONAL? | | X | |
| DID YOU REPLACE THE LOCK? | - | | |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (IT yes, describe below) | - | Y | ^ |
| WEEL MEASORING FORM VISIBLE! | L | | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | 26.3 | 9 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | | 9.2 | 1 |
| MEASURE WELL DIAMETER (Inches): | | 2" | |
| WELL CASING MATERIAL: | 9 | PVC | |
| PHYSICAL CONDITION OF VISIBLE WELL CASING: | 5 | Go | od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | 0.15 | pain | ted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | |
| DESCRIPTE A COPER TO WELL, (b, b, b, c, c, c, it) is to truck mounted rig, not well obstructions, over | hand | | |
| DESCRIBE ACCESS TO WELL: (Include accessibility to truck modified rig, natural obstructions, over | FCFSSARY | | |
| Good by foot outside of parameter fence moderate brush | Lobolitici. | | |
| | | | |
| | | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard | en, etc.) | | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | | |
| Southeastern area of site, other side (south) of groundwater interceptor trench | | | |
| | | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | | | |
| (e.g. Gas station, salt pile, etc.): | | | |
| | | | |

REMARKS:

*

| WELL VISIBLE? (If not, provide directions below) WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: GPS Method (circle) Trimble And/Or Magellan WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | MASPECTO DATE/TIM WEILID.: | YES X | 2/27/2023 S-10 |
|--|----------------------------------|------------|-------------------|
| WELL VISIBLE? (If not, provide directions below) | WEll ID.: | YES X | S-10 |
| WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder:Satelites: GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:S-10 | | YES X | NO |
| WELL VISIBLE? (If not, provide directions below) | [| X | |
| WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder:Satelites: GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:S-10 | [| | |
| PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: | [| | |
| GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-10 | | | |
| WELL I.D. VISIBLE? WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: S-10 | | | 1 |
| WELL I.D. VISIBLE? | L | YES | NO |
| 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 | L | X | |
| | | | |
| | ſ | YES | NO |
| SURFACE SEAL PRESENT? | | Х | |
| SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) | E | Х | |
| PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) | | Х | |
| HEADSPACE READING (ppm) AND INSTRUMENT USED | | n/a | |
| TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) | - | 2 f | feet |
| PROTECTIVE CASING MATERIAL TYPE: | - 4 | 4" Stainle | ess Steel |
| MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 6" |). // | | |
| | | YES | NO |
| LOCK PRESENT? | | Х | |
| LOCK FUNCTIONAL? | | Х | |
| DID YOU REPLACE THE LOCK? | | | X |
| IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) | | | X |
| WELL MEASURING POINT VISIBLE? | | Х | |
| MEASURE WELL DEPTH FROM MEASURING POINT (Feet): | | 29.3 | 0 |
| MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): | 56 4 | 16 | . <u>.</u> 67 |
| MEASURE WELL DIAMETER (Inches): | 8 = | 2" | |
| WELL CASING MATERIAL: | 1 | PVC | |
| PHYSICAL CONDITION OF VISIBLE WELL CASING | 1 | Go | od |
| ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE | () , | pain | ted |
| PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES | | n/a | |
| | head | | |
| DESCRIBE ACCESS 10 WELL: (Include accessibility to truck mounted rig, natural obstructions, over | | | |
| Sower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, It'r | ECESSART. | | |
| | | | |
| | | | |
| DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard | en, etc.) | | |
| AND ASSESS THE TYPE OF RESTORATION REQUIRED. | | | |
| Southeastern area of site, within forested area along Van Wagner Road | | | |
| DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT | ^{х.} " | | |
| e.g. Gas station, san prie, etc.). n/a | | | |

REMARKS:

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:Schatz Federal BearingsLaboratory:Eurofins TestAmerica – Amherst, NY and Burlington, VTSDG No.:480-175023-1Parameters:Per- and Poly-fluoroalkyl Substances, 1,4-DioxaneData Reviewer:Kristen Morin/TRCPeer Reviewer:Elizabeth Denly/TRCDate:October 2, 2020

Samples Reviewed and Evaluation Summary

1 Residential Well Sample: SFB-WP-RES-1

The above-listed residential well sample was collected on September 10, 2020 and was analyzed for the following parameters:

- 1,4-Dioxane by SW-846 8270D with Selective Ion Monitoring (SIM)
- Per- and Poly-fluoroalkyl substances (PFAS) (21 target analytes) based on EPA Method 537.1 (modified) using Test America – Burlington, VT standard operating procedure (SOP) BR-LC-009, revision 4.0, effective date 04/12/19.

The samples were analyzed for 1,4-dioxane by Eurofins TestAmerica – Amherst, NY and for PFAS by Eurofins TestAmerica – Burlington, VT. The data validation was performed in accordance with the following guidance, modified for the methodologies utilized:

- USEPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-2017-002), January 2017
- USEPA National Functional Guidelines for High Resolution Superfund Methods Data Review (EPA-542-B-16-001), April 2016
- USEPA Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFASs) Analyzed Using EPA Method 537 (EPA 910-R-18-001), November 2018
- New York State Department of Environmental Conservation Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids, January 2020

The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- GC/MS Tunes (1,4-Dioxane only)
 - Initial and Continuing Calibrations
- * Blanks
- Surrogate Recoveries (1,4-Dioxane only)
- * Isotopically Labeled Surrogate Results (PFAS only)
- * Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- * Laboratory Control Sample (LCS) Results
- * Internal Standards
- NA Field Duplicate Results
- Sample Results and Reported Quantitation Limits (QLs)



- Target Compound Identification
- * All criteria were met.
- NA Field duplicates were not associated with this sample set.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives. There were no qualifications applied to the data because of sampling error. Qualifications applied to the data because of analytical error are discussed below.

 The nondetect result for NEtFOSAA in sample SFB-WP-RES-1 was qualified as estimated (UJ) due to a calibration nonconformance. This result can be used for project objectives as a nondetect value with an estimated QL, which may have a minor impact on the data usability.

Data Completeness

The data package was a complete Level IV data deliverable with the following exception. A discrepancy was noted with the chain-of-custody (COC) submitted to Eurofins TestAmerica in Burlington, VT. The laboratory was contacted during validation and provided a revised COC.

Holding Times and Sample Preservation

All holding time and sample preservation criteria were met.

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

All criteria were met in the 1,4-dioxane analyses.

Initial and Continuing Calibrations

1,4-Dioxane

The percent relative standard deviation (%RSD) was within the method acceptance criteria in the initial calibration (IC). The percent difference (%D) met the method acceptance criteria in the continuing calibration (CC) standard associated with the samples in this data set.

PFAS

The %RSDs were within the acceptance criteria in the IC. The %Ds met the acceptance criteria in the CC standards associated with the samples in this data set with one exception. The %D for NEtFOSAA (-30.7%) in the CC standard (CCV 200-159147/32 analyzed on 09/23/20 at 22:32) associated with sample SFB-WP-RES-1, was above the acceptance criteria (30%). Therefore the nondetect result for NEtFOSAA in sample SFB-WP-RES-1 was qualified as estimated (UJ).

<u>Blanks</u>

Target compounds were not detected in the associated method blanks.



Surrogate Recoveries (1,4-Dioxane only)

The surrogate percent recoveries (%Rs) met the laboratory acceptance criteria.

Isotopically Labeled Surrogate Results (PFAS only)

Eighteen isotopically labeled surrogates were spiked into the samples prior to extraction for isotope dilution quantitation. The %Rs were within the acceptance criteria.

MS/MSD Results

MS/MSD analyses were performed on sample SFB-WP-RES-1 for 1,4-dioxane and PFAS. The %Rs and relative percent differences met the laboratory acceptance criteria.

LCS Results

The LCS %Rs were within the laboratory acceptance criteria for the 1,4-dioxane and PFAS analyses.

Internal Standards

1,4-Dioxane

The %Rs for the internal standard 1,4-dichlorobenzene-d₄ met the laboratory limits of 50-150% in the 1,4-dioxane analyses.

PFAS

The isotopically labeled internal standard 13C2-PFOA was added to each sample prior to injection to monitor for ion suppression/enhancement at the instrument level. The %Rs met the laboratory limits of 50-150% in the PFAS analyses.

Field Duplicate Results

There were no field duplicates associated with this data set.

Sample Results and Reported Quantitation Limits

Sample calculations were spot-checked; there were no errors noted. There were no dilutions performed on the sample in this data set.

Target Compound Identification

1,4-Dioxane

All criteria were met for 1,4-dioxane.

PFAS

Extracted ion chromatograms were reviewed to verify the target compound identifications. The laboratory manually integrated several peaks to ensure the inclusion of linear and branched



isomers for PFOA, PFOS, NEtFOSAA, NMeFOSAA, and/or PFHxS; and/or to ensure proper integration of all PFAS.

Two precursor/product ion transitions were used for identification for all compounds except for PFBA, PFPeA, PFOSA, NMeFOSAA, NEtFOSAA, 6:2 FTS, and 8:2 FTS which only used one precursor/product ion transition for identification. The ratios between the two precursor/product ion transitions were not evaluated since target PFAS compounds were not detected in sample SFB-WP-RES-1.

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-methylperfluorooctanesulfonamidoac etic acid (NMeFOSAA) | ND | | 4.1 | 0.65 |
| 2991-50-6 | N-ethylperfluorooctanesulfonamidoace tic 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: <mark>CCV 200-159147/</mark> | 32 | Calibration Date: 09/23/2020 22:32 | | | |
| Instrument ID: LC812 | | Calib Start Date: 09/22/2020 19:30 | | | |
| GC Column: <u>C-18</u> | 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-perfluorohexanes ulfonic 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-perfluorooctanes ulfonic 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-oxa nonane-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-perfluorodecanes ulfonic 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-methylperfluorooctanesulfo namidoacetic 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-ethylperfluorooctanesulfon amidoacetic acid (NEtFOSAA) | AveID | 0.9155 | 0.6348 | | 0.693 | 1.00 | -30.7 | 30-40-0 |
| 11-Chloroeicosafluoro-3-oxau ndecane-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 |