

Prepared for: Superfund Standby Program New York State Department of Environmental Conservation 625 Broadway Albany, NY 12233 Prepared by: AECOM Latham, NY 6029964 April 2017

Schatz Federal Bearings Poughkeepsie, New York **Periodic Review Report** (March 30, 2014 to March 30, 2017) NYSDEC Site Number: 3-14-003

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Engineering Certification

I, Michael L. Spera, certify that I am currently a NYS registered professional engineer and that this Periodic Review Report covering the period of March 30, 2014 to March 30, 2017 for the Schatz Federal Bearings Site was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Respectfully submitted, AECOM Technical Services Northeast, Inc.



Michael L. Spera Registered Professional Engineer New York License No. 073731 April 27, 2017

Date

1.0 Executive Summary

1.1 Site History and Remedial Program

The Schatz Federal Bearings site (site) is located at 223-247 Van Wagner Road, approximately two miles northeast of downtown Poughkeepsie, Dutchess County, New York (Figure 1). The site was a wetland that was filled with approximately 125,000 cubic yards of municipal solid waste and industrial waste during the period of 1935 to 1973.

The capped area covers about five acres of a 22 acre site. The site rises from Van Wagner Road to a plateau surrounded by small hills leading to forested uplands and steep slopes leading to wetlands (Figure 2). 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. All businesses and homes adjacent to the site are served by public water.

Results of sampling performed by the Dutchess County Health Department (DCHD) and the New York State Department of Environmental Conservation (NYSDEC) found groundwater, soil, sediment, and surface water to have measurable concentrations of contaminants, including chlorinated solvents, volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals in excess of background samples present on the site. NYSDEC documented that the landfill contained hazardous waste that presented a significant threat. The landfill was then classified as an inactive hazardous waste disposal site, and remedial activities began in 1973.

The following remedies are called for in a Record of Decision (ROD) that was amended in March of 1994:

- Removal of wastes with PCB concentrations exceeding 500 parts per million (ppm);
- Stabilization/solidification of slag waste;
- Waste consolidation of contaminated pond sediment, stabilized slag waste, and other outlying waste generated by Schatz to the central waste areas;
- Construction of an engineered cap and cover system that complies with NYSDEC 6 NYCRR Part 373 design requirements for a hazardous waste management facility;
- Installation of perimeter fencing and institutional controls; and
- Monitoring of on-site and off-site groundwater and stream sediments.

The Standards, Criteria and Goals (SCGs) as established in the ROD include groundwater and soil remediation to less than applicable state and federal guidelines and removal of wastes with PCB

concentrations exceeding 500 ppm. The remedial activities were conducted in conformance with the ROD, and the primary sources of contamination were removed or contained within the landfill.

1.2 Remedy Evaluation

The periodic review process is used for determining if a remedy continues to be properly managed as required by the approved guidance documents (Site Management Plan [SMP]), the operation, maintenance, and monitoring [OM&M] plans, and ROD) and is protective of human health and the environment. This Periodic Review Report (PRR) covers the certification period between March 30, 2014 and March 30, 2017. Metals remain distributed across the site in groundwater at concentrations exceeding the applicable standards; although the more recent sampling in 2016 suggests many of the exceedances may be due to the high turbidity in the monitoring wells.

Overall, the remedy is performing properly and is effective; however, monitoring of the site should continue to verify that the decreasing contaminant trends continue until site cleanup goals are met.

Total costs for performing the required monitoring and reporting is approximately \$24,000 per year.

Due to continuing exceedances of New York State Ambient Water Quality Standards (AWQS) for select contaminants in the site groundwater, groundwater monitoring should continue. Both unfiltered and filtered samples should be collected from each monitoring well going forward. Due to the issue with the turbidity of the monitoring wells, the SMP will be updated to require low-flow sampling per EPA's Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures (EPA/540/S-95/504). Additionally, during the next site visit, a site reconnaissance will be completed in the area of the ponds to further evaluate the results of the March 2016 surface water and sediment sampling. This will include locating likely areas of surface runoff from the nearby rail trail as well as locations and sources of drain pipes.

2.0 Site Overview

The Schatz Federal Bearings site (site) is located on Van Wagner Road, approximately two miles northeast of downtown Poughkeepsie, Dutchess County, New York (Figure 1). The capped waste covers about five acres of a 22 acre site that includes forested uplands and wetlands (Figure 2). 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 residential and commercial usage. Three residences are adjacent to the site, the nearest being approximately 100-feet east of the site boundary. All businesses and homes adjacent to the site are served by public water. The Dutchess County Sanitation (FICA) landfill, a Class 2 Inactive Hazardous Waste Site, is located approximately 0.5 miles northeast of the site.

The site was originally a wetland that was filled by waste disposal and transfer of soils from surrounding upland areas. Disposal occurred from 1935 to 1973 and includes approximately 125,000 cubic yards of mixed industrial and municipal waste. A major contributor of the waste was Schatz Federal Bearing Co., operators of the site from 1949 until 1973. The wastes included grinding sludge, metal filings, broken grinding wheels, metal washers, twine, burlap, solvents, coolants, and saw dust mixed with oils. On the western/northern portion of the site, bedrock was stripped and exposed along access roads. Portions of rusted drums were visible in ponds. PCBs were detected in both the landfill and in ponds.

After disposal was discontinued and the site area was covered in 1973, personnel from the Dutchess County Health Department and the NYSDEC periodically inspected the site and collected samples. Concern was raised over potential for migration of contaminants into nearby groundwater wells and into Casper Creek, which eventually discharges into the Hudson River.

The site is generally covered in a veneer of soils deposited in association with the retreating glaciers and subsequent depositional processes. The soils range in thickness from absent in areas of the bedrock outcrop to depths reaching greater than 100 feet below ground surface (bgs). Soil and sediments range from clay and silt to gravel, but little information is available regarding their deposition into beds or discrete deposits. Post glacial alteration and deposition has been significant in portions of the site, mainly low lying areas which contain ponds, or stream channels. Bedrock outcrop is present on both the north and south portions of the site. Bedrock is present in low slopes of highly weathered, moderately competent Phyllite with two knobs of more competent outcrop forming low hills on the north side of the site. Available data and records suggest that groundwater flow is to the southwest.

VOCs, PAHs, PCBs, and metals including arsenic, cadmium, lead, barium, chromium, and zinc were detected at elevated concentrations in the site soil and sediment from ponded areas. The shallow groundwater from wells completed in the soil was found to be contaminated with elevated concentrations of VOCs, PCBs, and metals including barium, chromium, and zinc. The deep groundwater sampled from wells completed in bedrock was found to be contaminated with VOCs and low concentrations of PCBs and metals including barium, cadmium, chromium, lead, mercury, and zinc. The primary contaminants identified at the site were benzo(a)pyrene, bis(2-ethylhexyl)phthalate,

1,1-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, PCBs, vinyl chloride, arsenic, barium, cadmium, chromium, lead, mercury, and zinc.

According to the ROD, the remedial investigation (RI) indicated little or no impact to human health or the environment beyond the site boundaries at that time; however, contamination on-site and the threat of off-site contaminant migration did create the potential for adverse effects. The primary exposure routes associated with the contaminants have been identified as inhalation, ingestion, and dermal contact of groundwater contamination through private and public water supplies.

In March 2009, the NYSDEC reclassified the Schatz Federal Bearings Site, ID No. 3-14-003, from a Class 2 site to a Class 4 site meaning that the site has been properly closed but requires continued site management consisting of OM&M.

AECOM Technical Services Northeast, Inc. (AECOM) has prepared this PRR, covering the certification period from March 30, 2014 to March 30, 2017, in order to evaluate the overall effectiveness of the remedies chosen and implemented at the site.

2.1 Objectives of the Periodic Review

The periodic review process is used for determining if a remedy continues to be properly managed, as set forth in the Site Management Plan (SMP), and continues to protect human health and the environment. The objectives of the periodic review (PR) for sites in the State Superfund Program (SSF) are as follows:

- Evaluate compliance with the decision document(s) and, if available, the SMP.
- Evaluate all treatment units, and recommend repairs or changes, if necessary.
- Evaluate the condition of the remedy.
- Evaluate whether mandated Institutional Controls (ICs) are in place, and that required Engineering Controls (ECs) are working and effective.
- Evaluate costs.

2.2 Remedial History

A Remedial Investigation/Feasibility Study (RI/FS) was completed between July 1986 and September 1988 to identify the sources of contamination and determine the nature and extent of the contamination. The RI/FS includes assessment of the risks to the public and to the environment, as well as an evaluation of alternatives for reducing and/or eliminating those risks. The RI included examination of available background information and extensive field investigation to determine the current conditions at the site. The field investigation program included collection and analysis of surface soil, surface water, pond sediments, test pits, and groundwater samples. Glacial soil and bedrock aquifer monitoring wells were installed to analyze site groundwater. Private wells located offsite were sampled both up-gradient and down-gradient from the site. The results of the RI identified several contamination problems.

- The site contained an estimated 124,000 yd³ of waste material from four primary waste areas including manufacturing waste (90,000 yd³), municipal waste (24,000 yd³), slag waste (5,000 yd³), and sediment in on-site ponds (5,000 yd³).
- Soil and on-site pond sediments were contaminated with VOCs, 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.
- Contaminants 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 down-gradient of the site were found to contain detectable concentrations of contaminants, possibly emanating from the site.

A ROD was issued in March 1989 calling for extraction and treatment of contaminated groundwater using air stripping, carbon adsorption, and chemical precipitation treatment, with reinjection of treated water into the source aquifer; excavation of the municipal waste, backfilling the excavated area with clean fill to above the water table, installation of a liner system, returning the waste above the liner and capping with an impermeable landfill cap and cover system; excavation of the Schatz and slag waste and on-site sediments, stabilization/solidification of these wastes, backfilling of the treated waste to the excavated area, and installation of a low permeability soil cap and cover system. Additional design support activities were called for to assess the feasibility and effectiveness of the selected remedies including further definition of the waste areas, additional groundwater monitoring, and treatability studies.

After the ROD was issued, a Remedial Design Study began in October 1989. In order to address design support testing, nine groundwater testing/monitoring wells were installed to provide sampling points for further characterization of the soil and bedrock aquifers. The wells were constructed as two extraction wells, one recharge well, and six observation wells used to conduct two aquifer pumping tests; one in the bedrock aquifer and one at the bedrock/soil interface.

Six new bedrock monitoring wells were installed both up-gradient and down-gradient of the site to provide monitoring points for analysis of contaminant migration from the site. Ten on-site soil borings were completed to further define the vertical and lateral extent of the waste material.

A total of 24 samples were collected from wells and analyzed for target compound list (TCL) and/or water quality parameters to assess the nature and extent of contamination and assist in the design processes for groundwater treatment. In addition, water quality data were compared to previous sampling events to assess contaminant trends through time.

A total of 163 surficial soil samples (0 to 14 inches) were collected outside of the delineated waste area to verify the limits of contamination. The samples were analyzed for lead and chromium which were determined to be indicative of Schatz waste.

A total of 25 test pits were excavated on-site. Thirteen test pits were excavated up to 12-feet in depth within various waste areas. Twelve additional test pits were excavated up to a depth of seven feet to further define the lateral and vertical extent of the Schatz waste area. Composite samples were collected of each waste type and used to conduct treatability studies for the stabilization/solidification process.

A Remedial Design Support Report for Task 1 was issued in July 1992 summarizing the results from the activities described above. Based in part on this supplemental design data, NYSDEC recommended an amendment to the 1989 ROD. The major conclusions of the 1992 report include the following:

- Concentrations of contaminants detected in the groundwater samples collected during the Remedial Design Study were generally significantly less than those concentrations detected during the 1988 RI. The remedial design study results for VOC concentrations indicate a 33% reduction compared to the 1988 RI results.
- ROD cleanup goals were exceeded only by a relatively small number of surficial soil samples for lead and chromium and by groundwater samples from six of the wells for 1,1-dichloroethane, 1,1,1-trichloroethane, 1,1-dichloroethene, and vinyl chloride. These monitoring wells are located in the central waste area or in the southern (down-gradient) portion of the site.
- No contaminants were detected in samples collected from off-site groundwater monitoring wells.
- Aquifer testing indicated that additional recharge and extraction wells would be required to effectively capture the contamination due to lower than predicted well yields.
- Groundwater modeling studies estimated between 7 and 10 years would be required to remove the most widespread site contaminant, 1,1-dichloroethane, and as much as 30 years to remove 1,1,1-trichloroethane to health-based levels from the aquifer.
- Groundwater treatability data indicated that the use of activated carbon alone, rather than combined air stripping and carbon adsorption, will remediate organic groundwater contaminants associated with the site.
- Surficial soil and soil boring data confirmed the waste boundaries delineated in the 1988 RI. Data from soil borings and surface soil samples confirmed an additional 4,000 cubic yards of Schatz waste was present east of the municipal waste area adjacent to an onsite pond.
- Based on solidification and stabilization treatability testing of the three waste types present at the site, only inorganics, including cadmium, chromium, lead, and zinc, showed a reduction in leachable contaminants when subjected to this process. Lead, however, was the only inorganic of concern since it was the only contaminant, when left untreated, leached at levels exceeding regulatory criteria. Organic contaminants did not leach from any waste samples at concentrations exceeding regulatory levels, treated or untreated.
- Although elevated concentrations of several contaminants existed in on-site soils, these contaminants were determined to not pose a significant threat to terrestrial organisms.

However, sediment data indicated that significant bioaccumulation of PCBs was occurring. Based on those data, it was recommended that sediments be remediated in the two small ponds along the southwestern edge of the site to concentrations that are protective of wildlife.

An amendment to the 1989 ROD was issued in March 1994 indicating that solidification and stabilization of the Schatz waste and landfilling of the municipal wastes would no longer be applicable. This eliminated the need for most waste excavation and handling activities. The groundwater pump and treat alternatives as proposed in the 1989 ROD were determined to be unnecessary because VOC concentrations were decreasing with time, and off-site migration was not evident. The following remedial activities were set forth in the March 1994 amendment to the ROD:

- Removal and off-site disposal of wastes with PCB concentrations exceeding 500 ppm.
- Stabilization/solidification of metal-bearing slag wastes.
- Consolidation of the various waste types (pond sediments, stabilized slag waste, municipal waste, and outlying Schatz waste) to the central waste area, including waste material with PCB concentrations between 1 and 50 ppm.
- Construction of an engineered cap and cover system for the waste mass which conforms to the hazardous waste landfill requirements.
- Site access control (perimeter fencing) and institutional controls.
- Long-term groundwater monitoring; on-site groundwater had levels of VOCs and metals which exceeded regulatory limits; however, data showed that groundwater outside the site boundary showed no contaminants associated with the site. All businesses and homes adjacent to the site are served by public water. As part of the long-term environmental monitoring, additional monitoring wells were installed. Monitoring wells and stream sediments were to be monitored annually to ensure that off-site contaminant migration is not occurring. The following cleanup concentrations or standards, criteria, and guidelines (SCGs) were identified in the 1994 ROD amendment based on 6 NYCRR Part 703.5 and 10 NYCRR Part 5 groundwater quality standards.
 - Benzo(a)pyrene Non-detect
 - Bis(2-ethylhexyl)phthalate 50 μg/L
 - o 1,1-Dichloroethene 5 μg/L
 - 1,1-Dichloroethane 5 μg/L
 - 1,1,1-Trichloroethane 5 μg/L
 - Polychlorinated biphenyls 0.1 µg/L
 - \circ Vinyl Chloride 2 µg/L
 - o Arsenic 25 µg/L
 - Barium 1,000 μg/L
 - o Cadmium 10 μg/L
 - Chromium 50 μg/L
 - \circ Lead 25 µg/L
 - \circ Mercury 2 µg/L
 - Zinc 300 μg/L

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Remediation was performed pursuant to the NYSDEC 1994 ROD amendment. PCB waste identified with concentrations in excess of 500 ppm was excavated and removed from the site for disposal. Remaining waste materials were placed under an engineered cap and cover system and stabilized for on-site disposal. A lime stabilization process was utilized to minimize the potential for contaminant leaching, and an engineered cap and cover system was constructed to eliminate contact with the waste. The cap and cover system was designed to control infiltration by promoting runoff and diverting storm water through a system of ditches and drains. The remedial action was completed in 1997. According to Site records, in 1997 twelve monitoring wells located on and off-site were decommissioned. NYSDEC Region 3 Operations in New Paltz periodically brush hogs the landfill cap to prevent deep rooted plants from penetrating the cap, repairs the perimeter fence, and performs other maintenance. NYSDEC had been maintaining the site and performed monitoring events (2000 through 2003) following completion of the remedial activities. In 2004, NYSDEC contracted Earth Tech Northeast, Inc. (now AECOM) to perform site maintenance and monitoring.

3.0 Evaluate Remedy Performance, Effectiveness, and Protectiveness

The site has been maintained, and monitoring events have been performed (2000 through 2016) following completion of the remedial activities. A Long-Term Monitoring Plan for the site completed by NYSDEC in December 2004 was located during a site record search; however, it does not appear to have been implemented. In 2004, Earth Tech (now AECOM) completed an OM&M Plan while accepting responsibility to perform site inspections and monitoring. The 2004 OM&M Plan was the most recent implemented for the site. In 2008, AECOM submitted a draft SMP to NYSDEC that defined the objectives for site monitoring requirements and outlined site maintenance requirements. The site inspections and groundwater monitoring performed at the site between 2008 and 2011 were completed in general accordance with the 2008 SMP. An updated SMP was submitted to NYSDEC in February 2012 then later revised in January and April 2014. The site inspections and groundwater monitoring performed at the site inspections and groundwater monitoring performed were completed in general accordance with the 2013 and subsequent years were completed in general accordance SMP.

Some of the parameters identified in the ROD for monitoring differ from those identified in the NYSDEC authored 2004 Long-Term Monitoring Plan. Table 1 summarizes the chemicals of concern (COCs) from each of these documents as well as the parameters analyzed during each of the monitoring events between 2000 and 2016.

3.1 Operation, Maintenance, and Monitoring Plan Compliance Report

3.1.1 Confirm Compliance with the OM&M Plan

The 2004 OM&M Plan was developed for multiple sites and did not address required site maintenance for the Schatz Federal Bearings site, but the 2008 and 2014 SMPs outline recommendations for site maintenance requirements. The 2008 SMP indicated a site inspection to be conducted quarterly for a period of three years with a landfill inspection form completed detailing the observations. The 2014 SMP requires a site inspection to be conducted semi-annually. It was recommended that specific areas of the inspection include the following at a minimum:

- Site security and restrictions to access (e.g., site fencing, perimeter signs, berms, and gates);
- Cap integrity (e.g., standing water, deep rooting vegetation, stressed vegetation, settling, erosion, leachate outbreaks, burrowing animals);
- Perimeter ditch condition (e.g., erosion, ponding, damming, sedimentation, breaches);
- Monitoring well network condition (e.g., identification, accessibility, physical damage, missing components, security, and infestation); and
- Groundwater interceptor trench condition (e.g., flow at outlet and physical integrity).

Site inspections completed between August 2014 and March 2016 verified that the cap was well maintained, and the perimeter fencing and signage was intact. The inspection scheduled for winter 2016/2017 was delayed on several occasions due to poor weather conditions including significant snow cover, prohibiting inspection of cap integrity. This inspection will be completed during spring 2017 when wet site conditions are expected. No issues were found with the monitoring well network during the site inspections. All wells were found to be in good condition. Site and monitoring well inspection logs are included as Appendix A as well as a photo logs from the site inspections.

Pursuant to the 2008 and subsequent SMPs, groundwater quality at each of the site monitoring wells is to be monitored until concentrations of contaminants are less than the established remedial goals. Groundwater sampling of the site's monitoring well network for metals and VOCs was completed in December 2014 and March 2016 during this certification period. A Groundwater Monitoring Report evaluating the results of the site monitoring from these two events and assessing whether this remedy is performing effectively was submitted in November 2016. Results of this monitoring performed to date are discussed in Section 3.1.2, and data are presented in Tables 2 and 3.

As summarized in Table 1, the groundwater monitoring has not always been consistent with the COCs identified in the ROD. Many of the exceedances of the New York State Ambient Water Quality Standards (NYS AWQS) or Guidance Values (GVs) have been for iron, manganese, and sodium, which were not identified as COCs in the ROD. These have not been reported in this PRR.

Activity	Required	Frequency	Compliance Dates			
	Semi-Annual	15 Months				
Groundwater Sampling		Х	December 2014, March 2016			
Cap Inspection	Х		August 2014; April 2015; December 2015; March 2016			
Security Verification	Х		August 2014; April 2015; December 2015; March 2016			
Perimeter Ditch and Interceptor Trench Inspection	Х		August 2014; April 2015; December 2015; March 2016			
Monitoring Well Network Inspection	Х		August 2014; April 2015; December 2015; March 2016			

3.1.2 Confirm that Performance Standards are Being Met

3.1.2.1 Groundwater

Monitoring Wells S-4 and S-5 were not sampled during the 2014 or 2016 sampling events because of insufficient water in the wells, supporting that the cover continues to effectively prevent water seepage into the landfilled waste.

Concentrations of site metals are generally consistent with previous sample results (see Figure 4 through Figure 10 and Table 2), although a peak was observed for several of these metals in the monitoring wells after the 2010 monitoring event. These elevated levels may be attributed to higher turbidity levels in some of the samples. With the exception of lead in monitoring wells S-2 and S-3, all had declined to below or near the respective New York State (NYS) Ambient Water Quality Standards (AWQS) (TOGS 1.1.1) during the 2016 monitoring event.

Consistent with previous sampling results, there were no exceedances of the respective AWQS for monitoring wells B-1, B-2, B-3, S-8, and S-9 during the 2014 or 2016 sampling events for the site metals. Metals that were found to exceed the AWQS in the other monitoring wells include the following:

- Arsenic was detected in site groundwater at concentrations exceeding the AWQS (25 μg/L) at three of the wells in 2014: B-4 (42.5 μg/L); S-1 (31.7 μg/L); and S-7 (33.1 μg/L). Arsenic was not detected at concentrations exceeding the AWQS in the 2016 samples.
- Cadmium was detected in site groundwater at concentrations exceeding the AWQS (5 μg/L) at three of the wells in 2014: B-4 (19.3 μg/L); S-1 (5.1 μg/L); and S-10 (13.4 μg/L). In 2016, cadmium was detected at a concentration exceeding the AWQS at S-10 (8.9 μg/L).
- Chromium was detected in site groundwater at concentrations exceeding the AWQS (50 μg/L) at three of the wells in 2014: B-4 (121 μg/L); B-5 (59.9 μg/L); and S-1 (55.8 μg/L). Chromium was not detected at concentrations exceeding the AWQS in the 2016 samples.
- Lead was detected in site groundwater at concentrations exceeding the AWQS (25 μg/L) at three of the wells in 2014: B-4 (133 μg/L); S-1 (88.3 μg/L); and S-7 (70.4 μg/L). In 2016, lead was detected at a concentration exceeding the AWQS at S-1 (25.8 μg/L).

The VOCs monitored in the site groundwater include vinyl chloride, chloroethane, 1,1-dichloroethane, 1,1-dichloroethane, and 1,1,1-trichloroethane. Concentrations of VOCs are generally consistent with previous sample results (see Table 3). Monitoring well B-3 was the only well with detectable levels of VOCs, with chloroethane detected at a concentration of 18 μ g/L, exceeding the AWQS of 5 μ g/L. 1,1-Dichloroethane was also detected in monitoring well B-3 at an estimated concentration of 2 μ g/L (less than the AWQS of 5 μ g/L).

3.1.2.2 Sediment and Surface Water from Ponded Areas

In March 2016, surface water and sediment samples were collected at six locations in the ponded areas along the west-southwest side of the landfill. Locations of these samples are shown on Figure 3. Sediment samples were collected and analyzed for TAL metals including mercury (Methods 6010B/7471A), polychlorinated biphenyls (PCBs) by Method 8082, and total organic carbon (Method 415.1/SM5310B). Surface water samples were collected and analyzed for TCL VOCs (Method 8260C) and TAL metals including mercury (Methods 6010B/7471A). Results of the surface water and sediment samples are provided in Tables 4 and 5, respectively.

The only VOC detected in the surface water samples was acetone, which is a common lab contaminant and was detected at low levels (estimated concentrations of 3 and 5 μ g/L) in SW-3A and SW-3B. No other VOCs were detected above the method detection limit (MDL) of 10 μ g/L.

For the site metals, arsenic and chromium were detected at estimated concentrations of 6.1 and 54.3 μ g/L at SW-2A, respectively. All other samples were below the MDL for these analytes. Cadmium, lead, and zinc were detected at elevated concentrations in SW-2A, with other locations either being detected at lower levels or below the MDL (Table 4).

For the sediment samples, there is no clear spatial trend for the metals results, with the following maximum results for the site metals:

- Arsenic maximum concentration of 54.2 mg/kg was detected in SED-3B.
- Cadmium maximum concentration of 11.3 mg/kg was detected in SED-2B.
- Chromium maximum concentration of 53.2 mg/kg was detected in SED-1A.
- Lead maximum concentration of 628 mg/kg was detected in SED-1A.
- Mercury maximum concentration of 0.33 mg/kg was detected in SED-2B
- Zinc maximum concentration of 654 mg/kg was detected in SED-2B.

PCBs were detected above the MDL in one of the sediment samples, with an estimated concentration of 45 µg/kg detected in SED-3A for Aroclor 1254.

3.2 IC / EC Certification Plan Report

Institutional and engineering controls at the site currently consist of:

- Long-term monitoring of negatively impacted environmental media to provide the necessary data to determine the effectiveness of the remedy.
- Maintaining restricted access to the site through fencing and signage.
- An engineered cap and cover system to prevent contaminant migration from the landfill.
- A system of drainage ditches to control storm water and promote runoff.
- Land use restrictions.

3.2.1 IC / EC Requirements and Compliance

Determination of compliance with the IC\EC at the site is made based on the following criteria:

• The IC/EC(s) applied at the site are in place and as prescribed in the ROD. For the certification period from March 30, 2014 through March 30, 2017, the site conditions were as designed.

• Nothing has occurred that would impair the ability of such controls to protect the public health and the environment, or constitute a violation or failure to comply with any element of the SMP for such controls.

3.2.2 IC / EC Certification Forms

See Appendix B.

4.0 Evaluate Costs

4.1 Summary of Costs

The total annual costs for completion of all the required monitoring and reporting is approximately \$24,000. Major cost components are allocated as follows:

- Long-term monitoring and reporting......\$16,200 (with analytical costs)
- Semi-Annual Inspections and associated reporting\$7,300

These figures include all costs associated with the completion of monitoring including sampling, maintenance, reporting, and lab fees.

5.0 Conclusions and Recommendations

5.1 Conclusions

The PR process is used for determining if a remedy continues to be properly managed, as set forth in the SMP or the OM&M plans, and continues to be protective of human health and the environment. Metals remain detected on the site in groundwater at concentrations exceeding the applicable standards. Recent monitoring of groundwater suggests a decreasing trend for some of the metals and for the VOCs monitored on the site. PCBs have not been detected in the site groundwater or surface water however, and was only detected (at a low estimated concentration) in one of the six sediment samples collected in 2016. The estimated concentration (45 J µg/kg of Aroclor 1254 at SED-3A) is considered to be of low risk to aquatic life (Class A, less than 100 µg/kg; NYSDEC's 2014 *Screening and Assessment of Contaminated Sediment*). Therefore, PCBs will not be analyzed in the next round of sediment sampling.

The SCGs as established in the ROD include groundwater and soil remediation to less than applicable state and federal guidelines and removal of wastes with PCB concentrations exceeding 500 ppm. The remedial activities were conducted in conformance with the ROD, and the primary sources of contamination were removed or contained within the landfill.

The following ROD remedial elements were included in the March 1994 amendment.

5.1.1 Removal of PCB Wastes above 500 ppm

Soils with PCB concentrations exceeding 500 ppm were excavated and removed from the site as part of the remediation in 1997. PCBs were disposed of at a secure facility approved to receive this type of waste.

5.1.2 Stabilization/Solidification of Slag Waste

Treatability testing of the various waste types present at Schatz showed that only the untreated slag waste, shown to have high metals content, leached lead at levels which exceed TCLP regulatory limits. Lead was successfully treated using stabilization/solidification technology. Based on this data, the slag waste was stabilized prior to consolidation with the other waste types as part of the remediation in 1997.

5.1.3 Waste Consolidation

Prior to implementing the cover system for the site, the various waste types were consolidated into the central Schatz waste area as part of the remediation. Pond sediments, stabilized slag waste, municipal and other outlying Schatz waste were excavated and moved to the central waste area before the final cover application in June 1997.

5.1.4 Construction of a Landfill Cover

Once the waste was consolidated into a single contiguous area, an impermeable barrier was constructed over the waste mass to minimize infiltration of precipitation or surface water, thus

reducing the likelihood for leaching of contaminants into the groundwater. This was constructed in June 1997 as part of the remediation and complies with NYSDEC design requirements for a hazardous waste management facility (6 NYCRR Part 373). Long-term monitoring and maintenance as well as institutional controls, as discussed in the sections below, were required. Inspection of the cap integrity is discussed above in Section 3.1.1.

5.1.4.1 Perimeter Fencing and Institutional Controls

A fence was constructed around the perimeter of the Schatz Federal Bearing site to restrict access to contaminated areas following site remediation. A warning sign was posted during this reporting period along the perimeter fence to identify the nature of the hazard. All access points have locked gates. An institutional control in the form of an Environmental Notice was implemented on April 17, 2014 to ensure that contact with site-related contaminants does not occur. Section 3.1.1 discusses the inspection of the perimeter fencing, cap integrity, and conditions of drainage ditches that have been completed to address this during the current certification period.

5.1.4.2 Groundwater Monitoring

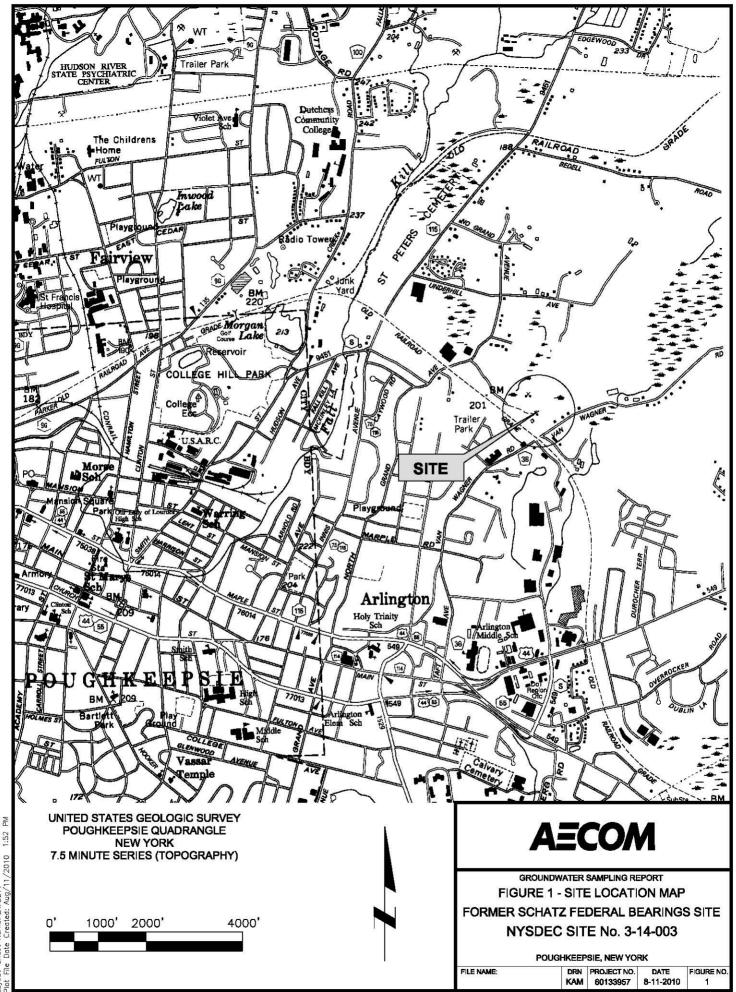
The SMP calls for sampling of groundwater monitoring wells every 15 months to ensure that off-site impacts are not occurring. Pond sediment is also to be monitored to evaluate any possible impacts. Section 3.1.2 discusses the monitoring that has been completed to address this during the current certification period. On-site groundwater has levels of VOCs and metals which still exceed regulatory limits. All businesses and homes adjacent to the site are served by public water.

5.2 Recommendations

Based on the PR, recommendations for the Schatz Federal Bearings site include the following:

- Continuing semi-annual site inspections including the drainage ditches, cap integrity, and site security;
- Continuing groundwater monitoring on a five-quarter basis from the current monitoring well network using low-flow sampling method;
- Laboratory analysis of filtered metals concentrations from the monitoring well network to account for elevated turbidity levels in the groundwater;
- Analyzing and reporting of the analytes as recommended in Table 1, which includes VOCs, cadmium, mercury, zinc, lead, arsenic, and chromium; and
- Monitoring sediment and surface water in ponded areas on a five-quarter basis;

Figures



Filename: L:\WORK\105988\CADD\2010\SCHATZ-SITE.DWG



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



NYSDEC SITE No. 3-14-003

 POUGHKEEPSIE, NEW YORK

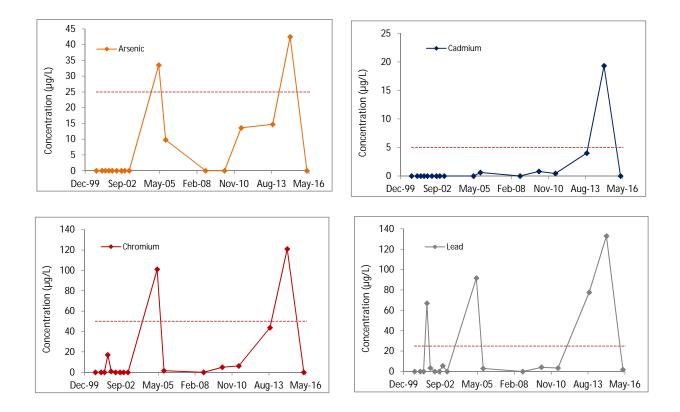
 FILE NAME:
 DRN
 PROJECT NO.
 DATE
 FIGURE NO.

 SCHATZ-SITE.dwg
 RNB
 60299644
 9 - 2016
 2



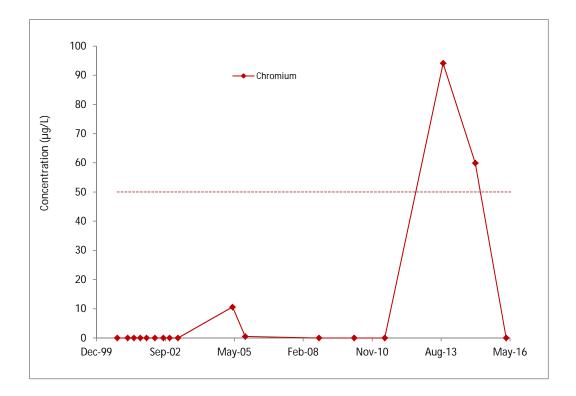
Plotted By: bookasr Layout-Sheet Name: SURFACE WATER SAMPLES 2016 Plot File Date Created: Nov/08/2016 1:42 PM

Figure 4 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well B-4 Schatz Federal Bearings Site Poughkeepsie, New York



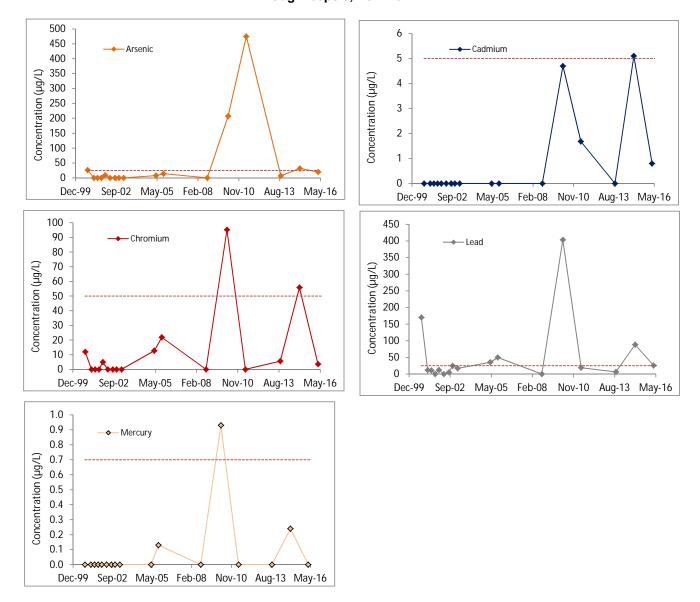
- 1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.
- 2. Only metals that exceeded in at least one of the sampling events in this well are plotted.
- 3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 5 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well B-5 Schatz Federal Bearings Site Poughkeepsie, New York



- 1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.
- 2. Only metals that exceeded in at least one of the sampling events in this well are plotted.
- 3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 6 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well S-1 Schatz Federal Bearings Site Poughkeepsie, New York

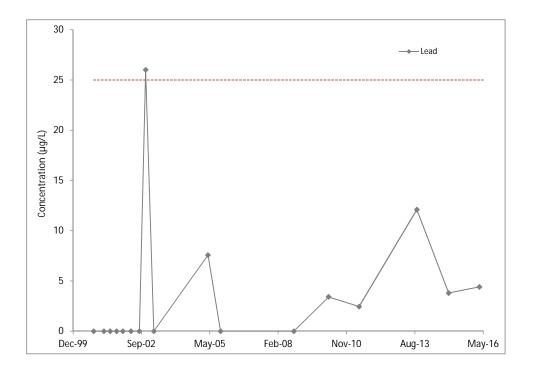


1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.

2. Only metals that exceeded in at least one of the sampling events in this well are plotted.

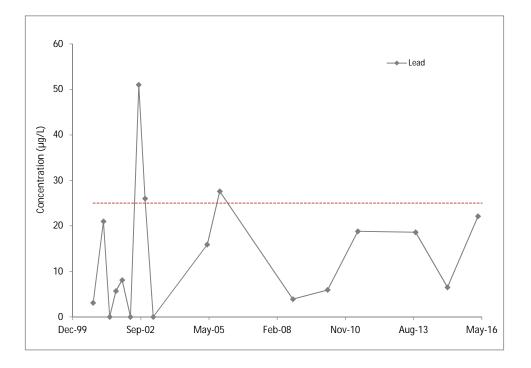
3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 7 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well S-2 Schatz Federal Bearings Site Poughkeepsie, New York



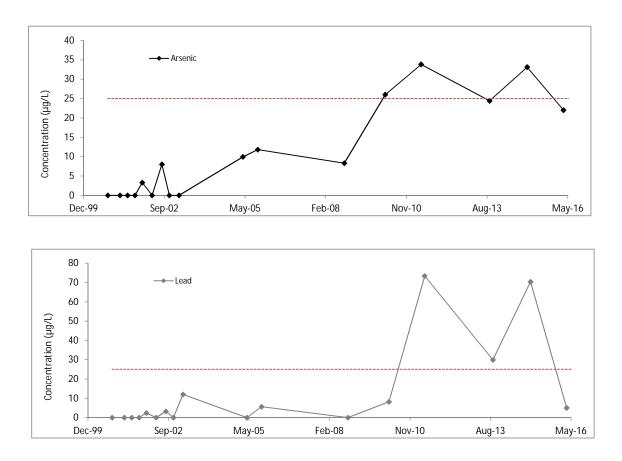
- 1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.
- 2. Only metals that exceeded in at least one of the sampling events in this well are plotted.
- 3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 8 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well S-3 Schatz Federal Bearings Site Poughkeepsie, New York



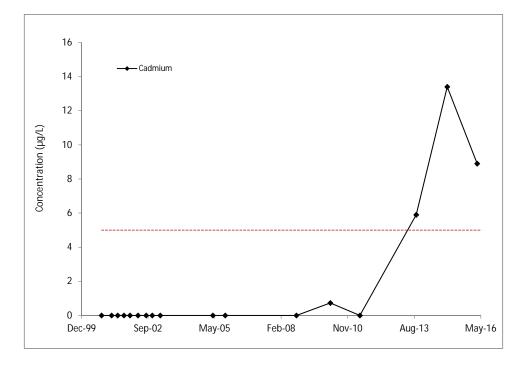
- 1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.
- 2. Only metals that exceeded in at least one of the sampling events in this well are plotted.
- 3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 9 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well S-7 Schatz Federal Bearings Site Poughkeepsie, New York



- 1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.
- 2. Only metals that exceeded in at least one of the sampling events in this well are plotted.
- 3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Figure 10 Analytical Results for Metals Exceeding NYS AWQS in Monitoring Well S-10 Schatz Federal Bearings Site Poughkeepsie, New York



Notes:

1. The New York State Ambient Water Quality Standards (NYS AWQS 6 NYCRR Part 703.5) are represented by a red dashed line.

2. Only metals that exceeded in at least one of the sampling events in this well are plotted.

3. Samples not detected above the laboratory method detection limits are included in the plots as 0.

Tables

Table 1Groundwater Contaminants of ConcernSchatz Federal BearingsPoughkeepsie, New York

Chemicals of Concern	Identified in ROD	Identified in DEC 2004 Monitoring Plan	Sampled Between 2000 and 2003 *	Sampled in 2005	Sampled and/or Reported in 2008	Sampled and/or Reported in 2010	Sampled and/or Reported in 2011	and/or	Sampled and/or Reported in 2014	Sampled and/or Reported in 2016	Exceeded since 2005?	Continue Monitoring?
1,1,-Dichloroethene	х	х	х	х	Х	х	х	х	х	х	No	Yes, with other VOCs
1,1-Dichloroethane	х		х	х	х	х	х	х	х	х	No	Yes, with other VOCs
1,1,1-Trichloroethane	х	х	Х	х	Х	х	х	x	х	х	No	Yes, with other VOCs
Vinyl Chloride	х	х	х	х	Х	х	х	х	х	х	No	Yes, with other VOCs
Chloroethane	Λ	X	X	X	X	X	X	X	X	X	Yes	Yes
Cadmium	х	~	x	x		x	x	x	x	x	Not consistently reported	Yes
Mercury	х			х		х	х	х	х	х	Not consistently reported	Yes
Zinc	Х	х	Х	х		х	х		х	х	Not consistently reported	Yes
Lead	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Yes	Yes
Arsenic	Х	X	X	Х	X	Х	Х	Х	Х	Х	Yes	Yes
Chromium	Х	X	Х	X	X	X	X	X	X	X	Yes	Yes No; not identified in
Antimony					Х	Х	Х	Х			No Not consistently	ROD No; not identified in
Potassium		х	Х	х		х	х	х			reported	ROD
Trichlorethene		Х	Х			х	х				Not consistently reported	No; not identified in ROD
Copper		х	Х	х		x	х	x			Not consistently reported	No; not identified in ROD
Aluminum		х	Х	х		х	х				Not consistently reported	No; not identified in ROD
Iron		х	Х	х	Х	x	х	х			Yes	No; not identified in ROD
Sodium		х	Х	х	Х	х	х	х			Yes	No; not identified in ROD
Manganese		х	Х	х	х	x	х	x			Yes	No; not identified in ROD
Benzo(a)pyrene	х										No; already dropped from sampling and reporting	No
											No; already dropped from sampling and	
Bis(2-ethylhexyl)phthalate	<u> </u>										reporting No; already dropped from sampling and	No
PCBs	Х	Х	Х								reporting	No
Barium	Х		Х	Х	Х	Х	Х	Х			No	No
Magnesium			Х	Х	Х	Х	Х	Х	l		No	No

* X indicates that parameter was analyzed in at least one sample from at least one sampling event between 2000 and 2003.

Table 2Groundwater Analytical Results for MetalsSchatz Federal BearingsPoughkeepsie, New YorkOctober 2000 to March 2016

An	alyte	Arse	nic	Cadm	ium	Chromiu	m	Lea	d	Mercu	ıry	Zin	
												300	-
AV	VQS*	25		5		50		25		0.7		(as repo	
												ROL	
	Oct-00	8.0			U	10 U		3		0.20			
	Mar-01	8.0	-	5		10 U			U	0.20			
	Jun-01	8.0			U	10 U			U	0.20			
	Sep-01	8.0		-	U	10 U			U	0.20			
	Dec-01	2.6		0.3		1.2 B		2.4		0.20			
	Apr-02	8.0		v	U	10 U			U	0.20			
	Aug-02	8.0		5		10 U			U	0.20			
	Nov-02	8.0		5		10 U		3		0.20			
B-1	Mar-03	8.0		5	U	10 U		3	U	0.20	U	210	U
	May-05	7.0	U	-	-	1.43 J		0.0	U	-	-	-	-
	Nov-05	7.8		0.33	U	1 J		2.8	U	0.03	U	9.8	
	Oct-08	10		-	-	1.61 J			U	-	-	-	-
	Mar-10	10	U		U	4.93 J							
	May-11 Sep-13	11.8 1.0		3 0.15		2.3 B			U				
	Dec-14	3.3		0.15		4.2 B							
	Mar-16	3.3 10				4.2 B							
	Oct-00	8.0			U	10 U							
	Mar-01	8.0		5		10 U					-	10 10 10 10 10 10 10 10 10 10 10 10 11 10 210 11.5 7.3 7.3 7.3 7.1 11.2 300 57 11.2 300 211 11.4 10 21 11.2 300 21 11.4 10 21 14.4 10 275 17 82.4 - - 33.6 7 11.8 11.8 33.0 10 11.8 33.0 10 <td< td=""><td></td></td<>	
	Jun-01	8.0			U	10 U							
	Sep-01	8.0		5		10 U							
	Dec-01	2.2		0.3		0.9 U							
	Apr-02	8.0			U	10 U			-				
	Aug-02	8.0			U	10 U							
	Nov-02	8.0		5	-	10 U							
B-2	Mar-03	8.0			U	10 U							
	May-05	5.4	-	-	-	7 J	J 3.16 J 0.20 U 3 U 6 U 0.20 U 3 B 7.3 0.10 U 3 0.10 U B 4.2 0.10 U 3 0.20 UN 3 U 4.5 J 0.20 UN 3 0.20 U 3 U 3 U 0.20 U 0.20 U 3 0.20 U 10 U 3 U 0.20 U 0.20 U 10	-	-				
	Nov-05	13.7	•	0	U	6 J				0.16	J	82.4	
	Oct-08	10	U	-	-	4.55 J				-	-	-	-
	Mar-10	10		3	U				J	0.20	U	33.6	
	May-11	7.17	-	3	-	5 U			-	0.20	U		
	Sep-13	1.0		0.15		3.7 B							
	Dec-14	3.3	U	0.40	В	2.2 B		2.2	В	0.10	U	11.8	В
	Mar-16	10	U	2.5	U	0.50 J		5.9		0.20	UN	16.5	J
	Oct-00	8.0	U	5	U	10 U		3	U	0.20	U	57	
	Mar-01	8.0	U	5	U	12		3	U	0.2	U		
	Jun-01	8.0		•	U	13		10		0.20	U	330	
	Sep-01	8.0		-	U	10 U		3		0.20			
	Dec-01	2.2			U	0.9 U			U	0.20			
	Apr-02	8.0		5	U	10 U			U	0.20	-		
	Aug-02	8.0		5		10 U			U		U		
	Nov-02	8.0	U	5	U	10 U		3	U	0.20	U	44	
B-3	Mar-03	8.0		5	U	10 U		3	U	0.20	U	210	U
B-3	May-05		U	-	-	7.57 J			U	-	-	-	-
	Nov-05	3.3		0.33	U	9.1 J		6.8		0.03	U	33.4	
	Oct-08	10		-	-	3.21 J			U	-	-		-
	Mar-10	10			U	2.33 J		7.33		0.20	-	41.4	
	May-11	9.06			U	46.5		3.86	J	0.20		5.68	
	Sep-13	1.0		0.15		33.8		4.2		0.10		19.1	
	Dec-14	3.3		0.30		30.4		4.8		0.10		22.9	
	Mar-16	10	U	2.5	U	4.4 J		5.0		0.20	UN	17.5	J

Table 2Groundwater Analytical Results for MetalsSchatz Federal BearingsPoughkeepsie, New YorkOctober 2000 to March 2016

Analyte		Arsenic		Cadmium		Chromium		Lead		Mercury		Zinc		
AWQS*		25		5		50	50		25		0.7		300 (as reported in ROD)	
	Oct-00	8.0	U	5	U	10	U	3	U	0.20	U	32		
	Mar-01	8.0	U	5	U	10	U	3	U	0.20	U	10	В	
	Jun-01	8.0	U	5	U	10	U	3	U	0.20	U	48		
	Sep-01	8.0	U	5	U	17		67				190		
	Dec-01	2.2	U	0.3	U	0.9		3.4	В	0.20	U	4.5	В	
	Apr-02	8.0	U	5	U	10	U	3	U	0.20	U	49		
	Aug-02	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
В-4	Nov-02	8.0	U	5	U	10	U	5.6		0.20	U	24		
B-4	Mar-03	8.0	U	5	U	10	U	3	U	0.20	U	210	U	
	May-05	34		-	-	101		91.7		-	-	-	-	
	Nov-05	10	J	1	J	1.5		3	J	0.03	U	9	J	
	Oct-08	-	-	-	-	-		-	-	-	-	-	-	
	Mar-10	10	U	0.8	J	5		4.11	J	0.20	U	40.1		
	May-11	13.6		0.43	J	6.23		3.41	J	0.20	U	18	J	
	Sep-13	14.7		4	В	43.7		77.6		0.10	U	196		
	Dec-14	42.5		19.3		121		133		0.61		489		
	Mar-16	10	U	2.5	U	10	U	25 0.7 300 (as reported in ROD) 3 U 0.20 U 32 3 U 0.20 U 32 3 U 0.20 U 10 B 3 U 0.20 U 48 67 0.20 U 49 3 U 0.20 U 49 3 U 0.20 U 49 3 U 0.20 U 10 U 5.6 0.20 U 24 3 U 0.20 U 210 U 91.7 - - 3 J 0.03 U 9 J - - - 3 J 0.20 U 40.1 3.41 J 0.20 U 18 J						
	Oct-00	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Mar-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Jun-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Sep-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Dec-01	2.2	U	0.3	U	0.9	U	2.2	В	0.20	U	0.8	U	
	Apr-02	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Aug-02	8.0	U	5	U	10	U	5.1		0.20	U	12	В	
	Nov-02	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
B-5	Mar-03	8.0	U	5	U	10	U	3	U	0.20	U	210	U	
	May-05		U	-		10.6	6		U	-	-	-	-	
	Nov-05	4.6	J	0.33	U	0.51	J	2.8	U	0.03	U	8.3	J	
	Oct-08			-	-				U	-	-	-	-	
	Mar-10	6.2	J	3	U	5	U	7.45		0.20	U	34.2		
	May-11	7.73	J	3	U	5	U	5.05	J	0.20	U			
	Sep-13	1.0	U	0.15	U	94.1						12.1	В	
B-5	Dec-14	3.3	U	0.70	В			5.2				13.6	В	
	Mar-16	10	U	2.5	U	10	U	4.5	J	0.20	UN	8.1	J	
	Oct-00	26						170				140		
	Mar-01											10 B 48 190 4.5 B 49 10 24 210 210 U - 9 40.1 - 9 J - 40.1 18 J 196 489 13.9 J 10 U 210 U 210 U 211 B 13.6 B 8.1 J 140 10 10 U 10 U		
Mar-16 10 U 2.5 U 10 U Oct-00 8.0 U 5 U 10 U Mar-01 8.0 U 5 U 10 U Jun-01 8.0 U 5 U 10 U Sep-01 8.0 U 5 U 10 U Dec-01 2.2 U 0.3 U 0.9 U Apr-02 8.0 U 5 U 10 U Aug-02 8.0 U 5 U 10 U Aug-02 8.0 U 5 U 10 U May-02 8.0 U 5 U 10 U May-02 8.0 U 5 U 10 U May-03 U 5 U 10 U May-05 U - 10.0 6 E						-	-							
		U												
					-			-	U					
S-1				5	U					0.20	U	210	U	
			-	-	-					-	-	-	-	
		14		0.33	U	21.9		49.8		0.13	J	71.5		
	Oct-08	-	-	-	-	-	-	-	-	-	-	-	-	
	Mar-10	207		4.7		95.2								
	May-11	475		1.68			U							
	Sep-13	7.0	В	0.15		5.6	В	6.6				15.5	В	
	Dec-14	31.7		5.1		55.8						125		
	Mar-16	19.6		0.80	J	3.6	J	25.8		0.20	UN	28.0		

Table 2Groundwater Analytical Results for MetalsSchatz Federal BearingsPoughkeepsie, New YorkOctober 2000 to March 2016

Analyte		Arsenic		Cadmium		Chromium		Lead		Mercury		Zinc		
AV	VQS*	25		5		50	50		25		0.7		300 (as reported in ROD)	
	Oct-00	-	-			-		-	-	-	-	-	-	
	Mar-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Jun-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Sep-01	-	-	-	-		-	-	-	-	-	-	-	
	Dec-01	-	-	-	-		-	-	-	-	-	-	-	
	Apr-02	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Aug-02	-	-	-	-	-		-	-	-	-	-	-	
	Nov-02	8.0	U	5	U	10	U					11		
S-2	Mar-03	8.0	U	5	U	10	U	3	U	0.2	U	210	U	
	May-05		U	-	-	13.9		7.57		-	-	-	-	
	Nov-05	3.3	U	0.33	U	0.66	J	6.0	U	0.03	U	16.4	J	
		-	-	-	-		-	-	-	-	-	-	-	
		10	U		-		-	3.41	J		-	33		
	May-11	9.76	J					2.45	J			6.59		
				3.6	В	9.2	В	12.1				35.7		
			-					3.8				11.8		
	Mar-16	10	U			10	U	4.4	J			9.2		
	Oct-00					10	U	3.1				10	-	
	Mar-01	8.1	В			10	U	21		0.20	U	30		
	Jun-01							3	U			10		
			-			-	-	5.7				10	U	
		9.3	В	0.3	U	6.9	В	8.1				17	В	
	Apr-02	8.0	U			10	U	3	U			12		
	Aug-02						U	51				35		
												41		
S-3	Mar-03		U	5	U	10	U		U	0.20	U	210	U	
	May-05	11		-	-	35.1				-	-	-	-	
				0	U	++				0.04	J	88.9		
				-	-					-	-	-	-	
			J			-	U		J		-	35.5		
												40.8		
						-						55.7		
			В									24.8		
												87.0		
												10		
												12		
		00 $ -$ </td <td></td> <td>10</td> <td></td>		10										
	Aug-02 - </td <td></td> <td>10</td> <td></td>		10											
Dec-01 9.3 B 0.3 U 6.9 B 8.1 Apr-02 8.0 U 5 U 10 U 3 U Aug-02 8.0 U 5 U 10 U 3 U Nov-02 8.0 U 5 U 10 U 5 I Nov-02 8.0 U 5 U 14 26 Mar-03 8.0 U 5 U 10 U 3 U May-05 11 - - 35.1 16 Nov-05 18.9 0 U 25.3 27.6 - Oct-08 10 U - 2 J 3.92 J - Mar-10 8.37 J 3 U 5 U 5.93 J - Mar-11 15.8 0.41 J 12.1 18.8 - Sep-13 9.4 B 0.15 U 19 18.6 - Dec-14 8.3 B 1.3 B 10.3 6.5 - Mar-16 21.3 0.50 J 3.7 J 22.1 - Mar-01 8.0 U <				В										
						_	-		U			10		
												10		
												10		
S-7				5	U			12		0.20	U	71	В	
			J	-	-				U	-	-		-	
			L				-			0.03	U	7	J	
									U	-	-	-	-	
	-										-	46.6		
												28.1		
							В					33.9		
												78.1		
	Mar-16	22.0		0.20	J	10	U	5.0		0.20	UN	17.1	J	

Table 2Groundwater Analytical Results for MetalsSchatz Federal BearingsPoughkeepsie, New YorkOctober 2000 to March 2016

An	alyte	Arser	nic	Cadm	ium	Chrom	ium	Lea	d	Mercu	ıry	Zin	с	
												300)	
АИ	VQS*	25		5		50		25	25 0.7			(as reported in		
				-							••••		ROD)	
	Oct-00	8.0	U	5	U	10	U	3	U	0.20	U	10	/	
	Mar-01		-	-	-	-	-	-	-	- 0.20	-	-	-	
	Jun-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Sep-01	8.0		5	U	10			U	0.20		10		
	Dec-01	2.2		0.5	-	0.9	-	3.1		0.20			B	
	Apr-02	8.0			U	10			U	0.20		23		
	Aug-02	8.0		5		10	-		Ū	0.20		10		
	Nov-02	8.0			U	10			Ū	0.20		10		
S-8	Mar-03	-	-	-	-	-	-	-	-	-	-	-	-	
	May-05	3.48	J	-	-	0.86	J		U	-	-	-	-	
	Nov-05	4.4		0.76	J	2		6.9		0.03	U	35.1		
	Oct-08	10	U	-	-	10			U	-	-	-	-	
	Mar-10	10	U	0.41	J	5	U	4.2		0.20	U	39.3		
	May-11	8.78	J	0.78	J	5	U	2.33	J	0.20	U	18.4	J	
	Sep-13	1.0	U	0.15		2.3	В	1.3		0.10	U	10.1		
	Dec-14	3.3	U	1.3	В	2.5	В	4.0		0.10	U	21.4		
	Mar-16	10	U	2.5	U	10		2.5	J	0.20	UN	9.2		
	Oct-00	-	-	-	-	-	-	-	-	-	-	-	-	
	Mar-01	8.0	U	5	U	10	U	3	U	0.20	U	10	U	
	Jun-01	8.0	U	5.0	U	10	U	3	U	0.20	U	10	U	
	Sep-01	8.0	U	5.0	U	10	U	3	U	0.20	U	10	U	
	Dec-01	2.2	U	0.30	U	0.9	U	2	U	0.20	U	0.80	U	
	Apr-02	8.0	U	5.0	U	10	U	3	U	0.20	U	10	U	
	Aug-02	8.0	U	5.0	U	5	U	3	U	0.20	U	10	U	
	Nov-02	8.0	U	5	U	10	U	19		0.20	U	10	U	
S-9	Mar-03	8.0	U	5	U	10	U	3		0.20	U	210	U	
	May-05		U	-	-	3.48		3	J	-	-	-	-	
	Nov-05	4.6	J	0.33	U	1.2	J	4	J	0.03	U	12	J	
	Oct-08	10		-	-	5.82		3.91	J	-	-	-	-	
	Mar-10	10	-	0.59		5	U	6.89		0.20	-	36.3		
	May-11	6.5			U	48.6			U	0.20		6.19		
	Sep-13	1.0		0.15		2.4		2.9	В	0.10		8.1		
	Dec-14	3.3		0.80		4.9		4.4		0.10		19.3		
	Mar-16	10	U	2.5	U	10	U	4.4	J	0.20	UN	15.2	J	
	Oct-00	-	-	-	-	-	-	-	-	-	-	-	-	
	Mar-01	8.0			U	10			U	0.20		10		
	Jun-01	8.0			U	10	-	3		0.20		10		
	Sep-01	8.0	-	-	U	10	-		U	0.20		10		
	Dec-01	3.1		0.3		0.9	-	2		0.20		0.80		
	Apr-02	8.0			U	10	-		U	0.20		10		
	Aug-02	8.0		5		10			U	0.20		10		
0.40	Nov-02	8.0			U	10			U	0.20		10		
S-10	Mar-03	8.0		5	U	10		2		0.20	U	210	U	
	May-05	3.56		-	-	4.03		2.76		-	-	-	-	
	Nov-05	6.20		-	U	2.2		3.3	J	0.03		43.8		
	Oct-08	9.67			-	3.49		10.6	1	- 0.20		-	-	
	Mar-10	10	-	0.73		2.69	J	5.23				33.6		
	May-11	6.83			U	46.5	D	3.13		0.20		20		
	Sep-13	2.2		5.9		4.8	Б	4.4		0.10		16		
	Dec-14	4.0		13.4		16.3	1	14.6		0.10		56.3		
	Mar-16	5.6	J	8.9		5.2	J	13.1		0.20	U	56.8		

All data presented in micrograms per Liter (µg/L).

* New York State Ambient Water Quality Standards (TOGs 1.1.1).

U - Concentration not detected in excess of the method detection limit (MDL).

J - Estimated concentration greater than the MDL but less than the reporting limit (RL).

D - Results from a dilution of the original sample due to original sample results falling outside the linear range.

B - Analyte detected in associated method blank.

E - Value exceeds calibration range.

- not sampled

BOLD font in shaded cell indicates exceedances of AWQS.

Table 3 Groundwater Analytical Results for Volatile Organic Compounds Schatz Federal Bearings Poughkeepsie, New York October 2000 to March 2016

An	alyte	Vinyl Chloride	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1- Trichloroethane
АИ	VQS*	2	5	5	5	5
	Oct-00	U	U	U	U	U
	Mar-01	U	U	U	U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01 Dec-01	U U	UU	U U	UUU	U U
	Apr-02	U	U	U	U	U
	Aug-02	U	U	Ŭ	Ŭ	Ŭ
	Nov-02	U	U	U	U	U
B-1	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	U	U	U	U	U
	Oct-08 Mar-10	U U	UU	U U	UUU	UUU
	May-11	U	U	U	U	U
	Sep-13	U U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00	U	U	U	U	U
	Mar-01	U	U	U	U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01 Apr-02	U U	UU	U U	UUU	U U
	Aug-02	U	U	U U	U	U
	Nov-02	<u> </u>	U	Ŭ	Ŭ	Ŭ
B-2	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	U	U	U	U	U
	Oct-08	U	U	U	U	U
	Mar-10	U U	UU	U U	UU	U U
	May-11 Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00	6	120D	330ED	4	40D
	Mar-01	2	65ED	83ED	1	7
	Jun-01	NA	NA	NA	NA	NA
	Sep-01 Dec-01	2 0.97J	60E 32	35E 18	0.6J U	UUU
	Apr-02	1	49D	40D	0.6J	1J
	Aug-02	2	46E	38E	0.6J	3
	Nov-02	4	120D	130D	3	8
B-3	Mar-03	U	63E	38E	0.8J	4
	May-05	10	160	94	6.9	4.2J
	Nov-05	2.1J	81	59	3.1J	2.9J
	Oct-08 Mor 10	U U	47	U 2.3	UU	U U
	Mar-10 May-11	U	3 U	0.99J	U	U
	Sep-13	U	10Z	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	18	2J	10 U	10 U
	Oct-00	U	U	U	U	U
	Mar-01	U	U	U	U	U
	Jun-01	NA U	NA U	NA U	NA U	NA U
	Sep-01 Dec-01	U	U	U	U	U
	Apr-02	U	U	U	U	U
	Aug-02	U	U	U	U	U
	Nov-02	U	U	U	U	U
B-4	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	U -	U	U -	U -	U
	Oct-08 Mar-10	- U	- U	- U	- U	- U
	Mar-10 May-11	U	U	1.7	U	U
	Sep-13	U	U	U	U	U
		-	-	-	-	-
	Dec-14	10 U	10 U	10 U	10 U	10 U

Table 3 Groundwater Analytical Results for Volatile Organic Compounds Schatz Federal Bearings Poughkeepsie, New York October 2000 to March 2016

An	alyte	Vinyl Chloride	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1- Trichloroethane
АИ	VQS*	2	5	5	5	5
	Oct-00	U	U	U	U	U
	Mar-01 Jun-01	U NA	U NA	U NA	U NA	U NA
	Sep-01	U	U	U	U	U
	Dec-01	U	U	U	U	U
	Apr-02	U	U	U	U	U
	Aug-02	U	U	U	U	U
	Nov-02	U	U	U	U	U
B-5	Mar-03 May-05	U U	UU	UUU	UUU	U U
	Nov-05	U	U	U	U	U
	Oct-08	U	U	0.56J	1.1	52
	Mar-10	U	U	U	U	U
	May-11	U	U	U	U	U
	Sep-13 Dec-14	U 10 U	U 10 U	U 10 U	U 10 U	U 10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00	U	U	U	U	U
	Mar-01	U	U	U	U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01 Apr-02	U U	UU	UU	UUU	UUU
	Aug-02	U	U	U	U	U
	Nov-02	U	U	U	U	U
S-1	Mar-03	U	U	U	U	U
	May-05	U	UU	U	U	UUU
	Nov-05 Oct-08	U -	-	U	U	-
	Mar-10	U	U	U	U	U
	May-11	U	U	U	U	U
	Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16 Oct-00	10 U -	10 U	10 U	10 U	10 U
	Mar-01	- U	U	U	U	U
	Jun-01	NA	NA	NĂ	NA	NA
	Sep-01	-	-	-	-	-
	Dec-01	-	-	-	-	-
	Apr-02 Aug-02	U -	U -	U -	U -	U -
	Nov-02	U	U	U	U	U
S-2	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	U	U	U	U	U
	Oct-08 Mar-10	- U	- U	- U	- U	- U
	May-11	U	U	U	U	U
	Sep-13	U	Ŭ	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00 Mar-01	2	53D 24D	<u>4</u> 5	U 0.7J	UUU
	Jun-01	NA	NA	NA	NA	NA U
	Sep-01	2	24D	11	0.9J	2
	Dec-01	U	25	13	1.1	4.8
	Apr-02	2	30D	11	0.9J	5D
	Aug-02 Nov-02	U U	18 12	<u>13</u> 9	0.9J U	4
S-3	Mar-03	U	12	5	0.6J	2 0.5J
	May-05	U	U	Ŭ	U	U
	Nov-05	U	15	3.8J	U	U
	Oct-08	U	U	2	U	U
	Mar-10 May 11	U U	UU	1.3	UUU	U U
	May-11 Sep-13	U U	1JZ	1.5 U	UU	UU
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U

Table 3 Groundwater Analytical Results for Volatile Organic Compounds Schatz Federal Bearings Poughkeepsie, New York October 2000 to March 2016

An	alyte	Vinyl Chloride	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1- Trichloroethane
АИ	VQS*	2	5	5	5	5
	Oct-00	U	U	U	U	U
	Mar-01	2	U	U	U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01	U	U	U	U	U
	Apr-02	1	U	U	U	U
	Aug-02	0.9J	U	U	U	U
	Nov-02	0.7J	U	U	U	U
S-7	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	2.8J
	Nov-05	1.0J	U	U	U	1.9J
	Oct-08	U	U	1.9	1.6	81
	Mar-10	U	U	U	U	U
	May-11	U	U	U	U	U
	Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00	U	U	U	U	U
	Mar-01	-	-	-	-	-
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01	U	U	U	U	U
	Apr-02	U	U	U	U	U
	Aug-02	U	U	U	U	U
	Nov-02	U	U	U	U	U
S-8	Mar-03	-	-	-	-	-
	May-05	UU	UU	U U	UUU	U U
	Nov-05	U	U	U	U	33
	Oct-08 Mar-10	U	U	U	U	33 U
	May-11	U	U	U	U	U
	Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U
	Oct-00	-	-	-	-	-
	Mar-01	- U	U	- U	- U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01	U	U	Ŭ	U	U
	Apr-02	U U	U	U U	U	U
	Aug-02	U	U	U	U	U
	Nov-02	Ŭ	U	Ŭ	U	U
S-9	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	Ŭ	Ŭ	U	Ŭ	Ŭ
	Oct-08	U	U	U	U	U
	Mar-10	U	U	U	U	U
	May-11	U	1.5	0.86J	U	U
	Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U

Table 3 Groundwater Analytical Results for Volatile Organic Compounds Schatz Federal Bearings Poughkeepsie, New York October 2000 to March 2016

An	alyte	Vinyl Chloride	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1- Trichloroethane
AV	VQS*	2	5	5	5	5
	Oct-00	-	-	-	-	-
	Mar-01	U	U	U	U	U
	Jun-01	NA	NA	NA	NA	NA
	Sep-01	U	U	U	U	U
	Dec-01	U	U	U	U	U
	Apr-02	U	U	U	U	U
	Aug-02	U	U	U	U	U
	Nov-02	U	U	U	U	U
S-10	Mar-03	U	U	U	U	U
	May-05	U	U	U	U	U
	Nov-05	U	U	U	U	U
	Oct-08	U	U	U	U	U
	Mar-10	U	U	U	U	U
	May-11	U	U	0.88J	U	U
	Sep-13	U	U	U	U	U
	Dec-14	10 U	10 U	10 U	10 U	10 U
	Mar-16	10 U	10 U	10 U	10 U	10 U

All data presented in micrograms per Liter (µg/L).

New York State Ambient Water Quality Standards (TOGs 1.1.1)
 U - Concentration not detected in excess of the method detection limit (MDL).

J - Estimated concentration greater than the MDL but less than the reporting limit (RL).

D - Results from a dilution of the original sample due to original sample results falling outside the linear range.
 Z - Estimated concentration due to %Ds exceeding 15% in the continuing calibration verifications.

E - Value exceeds calibration range.

NA - No data encountered during review.

- not sampled

BOLD font in shaded cell indicates exceedances of AWQS+GV.

Table 4 Surface Water Analytical Results for Volatile Organic Compounds and Metals Schatz Federal Bearings Poughkeepsie, New York March 2016

	March 2016										
Г		SW-1	A	SW-1B	SW-2A	SW-2B	SW-3A	SW-3B			
Г		3/25/20	16	3/25/2016	3/25/2016	3/25/2016	3/25/2016	3/25/2016			
N	etals										
	Aluminum	48.9	J	1110	35200	38.5 J	68.9 J	200 U			
	Antimony	60	U	5.3 J	3.9 J	60 U	60 U	60 U			
	Arsenic	10	U	10 U	6.1 J	10 U	10 U	10 U			
	Barium	200	U	26.1 J	480	200 U	194 J	200 U			
	Beryllium	1	J	0.6 J	2 J	0.6 J	0.5 J	0.6 J			
	Cadmium	0.5	J	0.9 J	6.2	2.5 U	2.5 U	2.5 U			
	Calcium	17700	Е	19600 E	62200 E	24800 E	33400 E	32700 E			
	Chromium, Total	10	U	10 U	54.3	10 U	10 U	10 U			
Г	Cobalt	50	U	1.3 J	37.4 J	50 U	50 U	50 U			
	Copper	8.2	J	21.2 J	207	4.3 J	3.3 J	25 U			
Г	Iron	85.5	J	1740	67100	256	2040	207			
Г	Lead	5.9		37.4	315	3.6 J	3.3 J	5 U			
Г	Magnesium	3690	Е	4160 E	18500 E	5100 E	7470 E	8260 E			
Г	Manganese	30.9		498	5990	246	380	75.3			
F	Mercury	0.2	UN	0.2 UN	0.2 UN	0.2 UN	0.2 UN	0.2 UN			
F	Nickel	40	U	6.1 J	69.5	40 U	40 U	40 U			
F	Potassium	1240	J	1030 J	9710	1110 J	1950 J	1250 J			
F	Selenium	10	U	10 U	10 U	10 U	10 U	10 U			
Г	Silver		J	3.7 J	12.5	3 J	3.2 J	3.3 J			
F	Sodium	6950		7610 E	10600 E	10400 E	10400 E	72600 E			
F	Thallium	10		10 U							
F	Vanadium	50		50 U	31 J	50 U	50 U	50 U			
F	Zinc	16.8		46.6	499	15.3 J	18.4 J	7 J			
v	platile Organic Compounds	10.0	-					, ,			
ť	1,1,1-Trichloroethane	10	11	10 U							
F	1,1,2,2-Tetrachloroethane	10	-	10 U							
⊢	1,1,2-Trichloro-1,2,2-Trifluoroethane	10		10 U							
F	1,1,2-Trichloroethane	10	-	10 U							
F	1,1-Dichloroethane	10	-	10 U							
F	1.1-Dichloroethane	10		10 U							
⊢			-	10 U			10 U				
⊢	1,2,4-Trichlorobenzene	-	-		10 U	10 U		10 U			
L	1,2-Dibromo-3-Chloropropane	10		10 U							
L	1,2-Dibromoethane (Ethylene Dibromide)	10	-	10 U							
L	1,2-Dichlorobenzene	10	-	10 U							
L	1,2-Dichloroethane	10		10 U							
L	1,2-Dichloropropane	10	-	10 U							
L	1,3-Dichlorobenzene	10	-	10 U							
L	1,4-Dichlorobenzene	10		10 U							
L	2-Hexanone	10	-	10 U							
	Acetone	10	-	10 U	10 U	10 U	5 J	3 J			
	Benzene	10	-	10 U							
	Bromodichloromethane	10	-	10 U							
	Bromoform	10		10 U							
	Bromomethane	10	-	10 U							
	Carbon Disulfide	10	-	10 U							
L	Carbon Tetrachloride	10		10 U							
L	Chlorobenzene	10	-	10 U							
Ĺ	Chlorodibromomethane	10	U	10 U	10 U	10 U	10 U	10 U			
L	Chloroethane	10	U	10 U	10 U	10 U	10 U	10 U			
Ĺ	Chloroform	10		10 U							
	Chloromethane	10		10 U							
Ľ	Cis-1,2-Dichloroethylene	10		10 U							
L	Cis-1,3-Dichloropropene	10	U	10 U	10 U	10 U	10 U	10 U			
L	Cyclohexane	10	U	10 U	10 U	10 U	10 U	10 U			
Γ	Dichlorodifluoromethane	10	U	10 U	10 U	10 U	10 U	10 U			
Г	Ethylbenzene	10	U	10 U	10 U	10 U	10 U	10 U			
Г	Isopropylbenzene (Cumene)	10		10 U							
Г	Methyl Acetate	10		10 U							
Г	Methyl Ethyl Ketone (2-Butanone)	10		10 U							
Г	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	10	-	10 U							
Г	Methylcyclohexane	10		10 U							
F	Methylene Chloride	10		10 U							
F	Styrene	10		10 U							
F	Tert-Butyl Methyl Ether	10	_	10 U							
F	Tetrachloroethylene(Pce)	10		10 U							
F	Toluene	10		10 U							
F	Trans-1,2-Dichloroethene	10		10 U							
F	Trans-1,3-Dichloropropene	10		10 U							
⊢	Trichloroethylene (Tce)	10		10 U							
⊢	Trichlorofluoromethane	10	-	10 U							
⊢											
⊢	Vinyl Chloride	10		10 U							
L	Xylenes, Total	10	υ	10 U							

All data presented in micrograms per Liter (µg/L).

U - Concentration not detected in excess of the method detection limit (MDL).

J - Estimated concentration greater than the MDL but less than the reporting limit (RL).

D - Results from a dilution of the original sample due to original sample results falling outside the linear range.

E - Value exceeds calibration range

N - Matrix spike sample recovery not within control limits.

Table 5 Sediment Analytical Results for Polychlorinated Biphenyls and Metals Schatz Federal Bearings Poughkeepsie, New York March 2016

		SED-1A	SED-1	В	SED-2	A	SED-2	B	SED-3	A	SED-3	BB
		3/25/201	6 3/25/20)16	3/25/20	16	3/25/20	16	3/25/20	16	3/25/20)16
Vietals												
Aluminum	mg/kg	14100	32900		14900		12100		7160		9590	
Antimony	mg/kg	0.9 J	N 0.34	JN	4	U	1.1	JN	0.23	JN	0.73	JN
Arsenic	mg/kg	13	1.4		2.1		9.7		1.3		54.2	
Barium	mg/kg	185	183		57.5		345		87.4		1820	
Beryllium	mg/kg	0.59	1.8		0.5		2.2	U	0.17	J	0.86	
Cadmium	mg/kg	6	1.4		1.2		11.3		1.8		5.2	
Calcium	mg/kg	10100	4930		1480		10900		147000		32200	
Chromium, Total	mg/kg	53.2	32.7		27.3		24.3		10.8		14.3	
Cobalt	mg/kg	24.6	13.7		15		22.2		6.6		97.4	
Copper	mg/kg	127	21.5		33.4		193		37.1		44.4	
Iron	mg/kg	44600 C	25100	D	32100		41400		15800		106000	D
Lead	mg/kg	628	26.8		40.2		313		28.7		65	
Magnesium	mg/kg	5370	6730		7100		3920		79200		3700	
Manganese	mg/kg	4800 E	1070	Е	471	Е	18600	E	745	Е	171000	Е
Mercury	mg/kg	0.12 J	0.049	J	0.046	J	0.33	J	0.077		0.12	
Nickel	mg/kg	53.2	30.5		28.7		58.6		15.4		50.5	
Potassium	mg/kg	719	1310		799		2750		447		2050	
Selenium	mg/kg	1.1 L	J 1.8	Ν	0.66	UN	4.4	UN	1.2	Ν	51.1	Ν
Silver	mg/kg	6.6	4.3	Ν	3.6	Ν	10.2	N	2	Ν	68.2	Ν
Sodium	mg/kg	570 L	J 68.2	J	330	U	2210	U	440	U	831	J
Thallium	mg/kg	5.7 L	J 1.1	UN	0.66	UN	22.1	UN	0.87	UN	130	UN
Vanadium	mg/kg	30.7	35.7		18.5	J	21.3	J	11.1		29.9	
Zinc	mg/kg	308	112		112		654		218		310	
Polychlorinated Biphenyls												
PCB-1260 (Aroclor 1260)	µg/kg	73 L	J 73	U	280	U	280	U	59	U	170	U
PCB-1254 (Aroclor 1254)	µg/kg	73 L	J 73	U	280	U	280	U	45	J	170	U
PCB-1221 (Aroclor 1221)	µg/kg	150 L	J 150	U	570	U	570	U	120	U	350	U
PCB-1232 (Aroclor 1232)	µg/kg	73 L			280	U	280	U	59	U	170	U
PCB-1248 (Aroclor 1248)	µg/kg	73 L	J 73	U	280	U	280	U	59	U	170	U
PCB-1016 (Aroclor 1016)	µg/kg	73 L	J 73	U	280	U	280	U	59	U	170	U
PCB-1242 (Aroclor 1242)	µg/kg	73 L	J 73	U	47	U	280	U	59	U	83	U
Conventional Parameters												
Total Organic Carbon	mg/kg	150000	49000		69000	1	Not Analyze	d	26000		150000	
Moisture, Percent	%	55	55		29.7		88.3		44.4		60.4	

U - Concentration not detected in excess of the method detection limit (MDL).

J - Estimated concentration greater than the MDL but less than the reporting limit (RL).

D - Results from a dilution of the original sample due to original sample results falling outside the linear range.

E - Value exceeds calibration range

N - Matrix spike sample recovery not within control limits.

Appendix A

Site-Wide Semi-Annual Inspection Form

Schatz Federal Bearing Van Wagner Road Poughkeepsie, New York

0		Toug	пкссрэ	IC, IVEW LOIK
Cap's fince : Engineering Control (s): di+C	hes		Inspect	ion Date: 8 29 14
Item	Yes	No	N/A	Comments
Does the Engineering Control continue to perform as designed?	×	110	10/11	
Does the Engineering Control continue to protect human health and the environment?	Х			
Does the Engineering Control comply with requirements established in the SMP?	×			Should put signo on fince -included in current scope of work.
Has remedial performance criteria been achieved or maintained?	×			in current scope of work. Still monitoring wells
Has sampling and analysis of appropriate media been performed during the monitoring event?		X		Not during this site inspection.
Have there been any modifications made to the remedial or monitoring system?	X		2	added Tocks to outside unite chare needed; Cable Fils to multiplingside fince. * Some men Capo and for Tocks needed
Does the remedial or monitoring system need to be changed or altered at this time?	×			* Some well caps and/or locks needed - See well inspection logs.
Has there been any intrusive activity, excavation, or construction occurred at the site?		X		
Were the activities mentioned above, performed in accordance with the SMP?	X			
Was there a change in the use of the site or were there new structures constructed on the site?		×		
In case a new occupied structure is constructed or the use of the current building changed, was a vapor intrusion evaluation done?	1 63		X	
Were new mitigation systems installed based on monitoring results?			X	
Were the groundwater wells in the monitoring network inspected during this site inspection? If so, were the Monitoring Well Field Inspection Logs Completed?	×	2		See well inspection 1000 for 14 monitoring wells.

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

Name of Inspector: Signature of Inspector: Date

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

SITE NAME:	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	8129114 -131
WELL VISIBLE? (If not, provide directions below)		ES NO
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan	Y	ES NO
WELL I.D. VISIBLE?		¢ 📃
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	Ex	ES NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		NAX
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:		HA Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		YES NO
DID YOU REPLACE THE LOCK?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches):		NA NA YA
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		Steel Jogd NA
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 NE		
good, on londfill; inside fince		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED.	a, etc.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):	ð	*
		A
REMARKS: Did not use cable the - would not have he Should peptice lock.	lped for	this well
photo#16	×.	*

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MONITORING WELL FIELD INSPECTION LO	DG	INSPECTOR: DATE/TIME: WEll ID.:	A S
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? ,	in back). Weed to P	V	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	B2 Switch R	alsz on	
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe belov PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe	w) ,		A
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEI PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	ET (If applicable)		NA Stic teel
LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes WELL MEASURING POINT VISIBLE?	ъsee Pertvuks s,describe below)	··	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	ER TYPE	1	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted power lines, proximity to permanent structures, etc.); ADD SKETCH OF I OK by pof ; area around W difficult to reach area by	LOCATION ON BACK, IF NE	CESSARY.	hicl
DESCRIBE WELL SETTING (For example, located in a field, in a playgr AND ASSESS THE TYPE OF RESTORATION REQUIRED. Clear area in Looads 5 Some	round, on pavement, in a garden Ince Caper	ı, etc.)	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINA (e.g. Gas station, salt pile, etc.): MSIK Landhin - but Luu	TION, IF PRESENT	rdrent	
* NO way to lock protective	L Casing		

SITE NAME:	SITE ID.: INSPECTOR:	3-14-0
MONITODING WELL FIRLD INCORCETION LOC		EFIL DIDOLUL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	हुर्दिनीत
	WEITID.:	- <u>R</u> 2.
	YE	S 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	YE	S NO
WELL I.D. VISIBLE?		5 140
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	×**********	x
		<u>. </u>
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	2	
	YE	S NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NH
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
	1	AU
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		a Shak
PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (IT applicable)		s' Shot
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	·	×
	YE	S NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
LOCK FUNCTIONAL?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		MA
MEASURE WELL DIAMETER (Inches):	- 1	1 ii
WELL CASING MATERIAL:		C. W/Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING:		and 1
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	0	NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
	- averbaad	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK	IF NECESSARY	
and wide fine, Clear, ortside Perinot		
gran, moral mill, along optimal found		
V		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a	a garden, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
Eall: Outside Downster of Landfell		
(100) cases ponners prans		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT \mathbb{S}^{+}	ж ^т	40
(e.g. Gas station, salt pile, etc.):		
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the fort when		
EMARKS:	A.).	11
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remain Secure between Sampling.		
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SITE NAME:	SITE ID.:	3-14-00
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	8/29/14 8/29/14 84
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	YE	S NO
WELL I.D. VISIBLE?	YE	S NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: $B4$	YE	S NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		NAX
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):	2.	IA 54 Stickup eet
LOCK PRESENT?	- X	S NO X X X X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	Remansx Gr	NA NA t" ee i od NA
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, or power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, I Good - Clearing in Woods - Small Slope	overhead IF NECESSARY.	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a g AND ASSESS THE TYPE OF RESTORATION REQUIRED. CLOSING IN WOODS 'S Some Fries ON	rarden, etc.)	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): Upgradient on Site Jandfill' playby Physician density of the density	y nadwcy D > these	t are
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SITE NAME:	SITE ID.: INSPECTOR:	3-14-00
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	RHC
MONITORING WELL FIELD INSI ECTION LOG	WEll ID.:	mu-B5
	\	TES 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		ES 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: $B5$		*
0 V		ES NO
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) See Pernauks		XX
HEADSPACE READING (ppm) AND INSTRUMENT USED	×	NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	_2	151 Shokup
PROTECTIVE CASING MATERIAL TYPE:	2	Heel
AEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		ES NO
OCK PRESENT?		X
OCK FUNCTIONAL?		×
DID YOU REPLACE THE LOCK?		X
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
VELL MEASURING POINT VISIBLE?		X
AEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
AEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA
IEASURE WELL DIAMETER (Inches):	-	Y K
VELL CASING MATERIAL:	_ 4	NC
HYSICAL CONDITION OF VISIBLE WELL CASING:		Jood
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	-	NA
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	-	NA
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 NEO	CESSARY.	
good by toot - but on slope and tight against tence.		
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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.		
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DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
e.g. Gas station, salt pile, etc.):		
on sik contamination - trom landfill		2
EMARKS:		
6 missing steel cover - Cannot lock		×
pursus see cover cannon ject		
Photo #1 Sketch		

SITE NAME: MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEll ID.:	14
· M	YE	S NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X NYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
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)		
	·	<u>,</u>
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	YI	ES NO
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	V	1 AL
HEADSPACE READING (ppm) AND INSTRUMENT USED	× 1	NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	-4	DICK
PROTECTIVE CASING MATERIAL TYPE:		Jul
	YI	ES NO
LOCK PRESENT?		X
LOCK PRESENT?		X
DID YOU REPLACE THE LOCK?		
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		VA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		JA
MEASURE WELL DIAMETER (Inches):		211
VELL CASING MATERIAL;		and
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
	. L	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ove ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF I	NECESSARY	
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DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	len, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
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DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	×:	a
e.g. Gas station, salt pile, etc.):		
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SITE NAME:	SITE ID.: INSPECTOR:	3-1- KA
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEll ID.:	8
		ES NO
WELL VISIBLE? (If not, provide directions below)		
WELL COORDINATES? NYTM X NYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
		ES NO
WELL I.D. VISIBLE?		×
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)SLATTON		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: <u>S2</u>	AF.	
	[Y	ES N
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		A
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	-2	Stick
PROTECTIVE CASING MATERIAL TYPE:	<u></u>	teel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		ES N
LOCK PRESENT?		
LOCK PRESENT?		
DID YOU REPLACE THE LOCK?		x
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
WELL MEASURING POINT VISIBLE?		
	1)	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	1	NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA
MEASURE WELL DIAMETER (Inches):		2"
WELL CASING MATERIAL:		PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	ee permis-	Bood
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
ROXIMITY TO UNDERGROUND OR OVERHEAD OTHER LS.	÷	1011
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions,	overhead	
ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK,	IF NECESSARY.	1
or by foot - or by whide around well's - man	be difficult	to M
this area.		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a	garden, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
- DOOD AND IN 10005 - Some Overhood thes	3	
		-
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	8 T	
(e.g. Gas station, salt pile, etc.):		
uppradient of on-site landfill		4
what are the area to the article		
	5.	
EMARKS:		
& mui anoing missing cap		
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meplaced lock (combo # 4003) b	1	
ork -proto #5.	etru lea	Nine
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SITE NAME:	SITE ID.: INSPECTOR:	3-14-003 VAL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEll ID.:	8129/14
WELL VISIBLE? (If not, provide directions below)	YE	5 NO
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan	YE	S NO
WELL I.D. VISIBLE?		the second se
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	S NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		NA
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	2	NA <u>si She</u> kup
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
DID YOU REPLACE THE LOCK?	×	X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA NA VA VA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ove power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N Source in State for the structures of the		a fil
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard AND ASSESS THE TYPE OF RESTORATION REQUIRED. Field - OUTSIDE PERMETER of Farethetal land fill	len, etc.)	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): M-Si-R (andfill)		4 9
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	SITE ID.: INSPECTOR:	3-14- KA
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	800
WELL VISIBLE? (If not, provide directions below)		YES NO
WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan		-
		ES NO
WELL I.D. VISIBLE?		X
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		'ES N
SURFACE SEAL PRESENT?		(
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		< NH
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	C.	NA. SISTIC
PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		Steel 'ES N
LOCK PRESENT?		X
LOCK FUNCTIONAL?		NA
DID YOU REPLACE THE LOCK? A See P IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		A1A
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		JA
MEASURE WELL DIAMETER (Inches):		2"
WELL CASING MATERIAL: A See Penne 4	-2	UC .
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
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 NEC		
good - clean - inside tence		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden,	etc.)	10 10
and assess the type of restoration required.	×	5
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		
	ь. Ю	
Using cable fres on mensional fence's puc 1	nur c	ening
Sketch		2
to # 13 - looking from SY across landfill		

PROTECTIVE CASING MATERIAL TYPE: Side 1 MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): YES LOCK PRESENT? LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE? MEASURE WELL DEPTH FROM MEASURING POINT (Feet): NA MEASURE WELL DIAMETER (Inches): NA MEASURE WELL DIAMETER (Inches): NA PHYSICAL CONDITION OF VISIBLE WELL CASING: PIC PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. PIC DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead POWED - ON CARDINIL INSTALL FORCE 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. Good - ON CARDINIL INSTAL FORCE Good - ON CARDINIL INSTAL FORCE Good - ON CARDINIL INSTAL FORCE Instal FORCE Good - ON CARDINIL INSTAL FORCE INCL	SITE NAME: MONITORING WELL FIELD INSPECTION L	IN DA	TE ID.: $3-1$ SPECTOR: $\boxed{12}$ ATE/TIME: $\boxed{3}$ EII ID.: $\boxed{3}$
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). X WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: SG SURFACE SEAL COMPETENT? (if ranked, henved ec., describe below) X PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) X PROTECTIVE CASING AND HEIGHT OF STICKUP IN FRE? (If applicable) NA PROTECTIVE CASING AND HEIGHT OF STICKUP IN FRE? (If applicable) NA PROTECTIVE CASING AND HEIGHT OF STICKUP IN FRE? (If applicable) NA PROTECTIVE CASING AND HEIGHT OF STICKUP IN FRE? (If applicable) NA PROTECTIVE CASING INSIDE DIAMETER (Inches): YES LOCK FUNCTIONAL? Sec. (MIDALS) DID YOU REPLACE THE LOCK? Sec. (MIDALS) IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WEL WELL MEASURING POINT VISIBLE? MA MEASURE WELL DEPTH FOOM MEASURING POINT (Fee): NA MEASURE WELL DAMETER (In well D is confirmed) and IDENTIFY MARKER TYPE NA MEASURE ON OTHERIAL: MA DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.) ADD SEETCH OF LOCATION ON	WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: Satelites:		YES NO
SURFACE SEAL PRESENT? YES Y SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) Y Ster CMMANS PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) Y Ster CMMANS HEADSPACE READING (ppm) AND INSTRUMENT USED. NA TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) NA PROTECTIVE CASING MATERIAL TYPE: YES MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): YA LOCK FUNCTIONAL? DIO YOU KEPLACE THE LOCK? DIO YOU KEPLACE THE LOCK? See: CMMANS WELL MEASURING POINT VISIBLE? YES MEASURE WELL DEPTH FROM MEASURING POINT (Fee): NA MEASURE WELL DIAMETER (Inches): YA WELL CASING MATERIAL: YV PHYSICAL CONDITION OF VISIBLE WELL CASING: YA MEASURE MELL DIAMETER (Inches): YV PHYSICAL CONDITION OF VISIBLE WELL CASING: YA MEASURE WELL DIAMETER (Inches): YV PHYSICAL CONDITION OF VISIBLE WELL CASING: YV PHYSICAL CONDITION OF VISIBLE WELL CASING: YA MEASURE WELL DIAMETER (Inches): YV PHYSICAL CONDITION OF VISIBLE WELL CASING: YA <td>WELL I.D. VISIBLE?</td> <td></td> <td>YES NO X X</td>	WELL I.D. VISIBLE?		YES NO X X
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) HEADSPACE READING (ppm) AND INSTRUMENT USED. TYPE OF PROTECTIVE CASING AND INSTRUMENT USED. MARKER WEADSPACE READING (ppm) AND INSTRUMENT USED. NA TYPE OF PROTECTIVE CASING INSIDE DIAMETER (Inches): MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): MEASURE PROTECTIVE CASING MATERIAL TYPE: MEASURE VENCTIONAL? DID YOU REPLACE THE LOCK? ASS CONTINUES IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE? MEASURE WELL DEPTH FROM MEASURING POINT (Fee): MEASURE WELL DIAMETER (Inches): WELL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (I'WeILD is confirmed) and IDENTIFY MARKER TYPE. PYOC YMA DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. GOOD ATACH II INSIGN DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE	WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	<u>S5</u>	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) 257 PROTECTIVE CASING MATERIAL TYPE: Side MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): 77 LOCK PRESENT? LOCK PRESENT? DID YOU REPLACE THE LOCK? Side MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MA MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MA MEASURE WELL DIAMETER (Inches): 970 WELL CASING MATERIAL: 970 PHYSICAL CONDITION OF VISIBLE WELL CASING: 771 PHYSICAL CONDITION OF VISIBLE WELL CASING: 771 PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. 976 PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. 976 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. JOHA OM LORAGHI INSIGL FORCE 970 9	SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe bel	ow)	X PUA
LOCK PRESENT? YES LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? DID YOU REPLACE THE LOCK? A. S. C. MIDALS IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE? MEASURE WELL DEPTH FROM MEASURING POINT (Feet): NA MEASURE WELL DEPTH FROM MEASURING POINT (Feet): NA MEASURE WELL DIAMETER (Inches): NA PHYSICAL CONDITION OF VISIBLE WELL CASING: NA ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE NA PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. NA DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead NA power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. NA DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) ANA ASSESS THE TYPE OF RESTORATION REQUIRED. Good - ON Araffill Inside Ince IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: Stell Araffill Inside ARAFFIL Araffill Inside Cannot lock at REMARKS:	TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FI PROTECTIVE CASING MATERIAL TYPE:	EET (If applicable)	2.51 5
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK?	S	YES N
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. <u>Good - ON Carabill Inside fence</u> 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. <u>Good - ON Carabill Inside fence</u> IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: <u>AND ASSESS THE TYPE OF RESTORATION CASUAGE - CASEA Lock of</u> Seal Carbit HE.	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 MAR		grad
AND ASSESS THE TYPE OF RESTORATION REQUIRED. Soud on Carolfill Inside tence IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: REMARKS: A Steal protective casing - care bent - Cannot lock at Seal Carbo He.	power lines, proximity to permanent structures, etc.); ADD SKETCH OF	LOCATION ON BACK, IF NECES	SSARY.
(e.g. Gas station, salt pile, etc.): REMARKS: A Steel potective casing - carer bent - Cannot lock of Seal Carbu file.	AND ASSESS THE TYPE OF RESTORATION REQUIRED.	ground, on pavement, in a garden, etc	2.)
Seal Cable tie.		ATION, IF PRESENT	
Seal Cable tie.		* *	
Sketch	REMARKS: A Steel potective casing - ca Seal Cable til.	ren birt - Cann	of lock or
	Sketch	1	ž

SITE NAME:	INSPECTOR:	3-14-0 KAL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	8)29/14
4		
WELL VISIBLE? (If not, provide directions below)	YE	
WELL COORDINATES? NYTM XNYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
9 4 S	YE	
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: $\frac{87}{7}$	YE	S NO
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		XNA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)See	zemarks Ix	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	the second s
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	12	" Stickup
PROTECTIVE CASING MATERIAL TYPE:	S	60
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
OCK PRESENT?		
LOCK FUNCTIONAL?	(*******	$-\lambda$
DID YOU REPLACE THE LOCK?		X
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)	1	X
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA 21
MEASURE WELL DIAMETER (Inches):	D	2011 2"
HYSICAL CONDITION OF VISIBLE WELL CASING:	DK	- tiandet ede
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	A
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ov		
ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF	NECESSARY.	- R. CC
Or by toot - about 5' torn edge of fince bu	t on steep	Slope.
0		
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gar	rden, etc.)	-
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
edge of woods		
N		
	74 24	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	1. A	
e.g. Gas station, salt pile, etc.):		
On-Sik Contamination from land fill		
	÷.	
EMARKS:		
* mussing protective casing Cover - Cannot lock		
Sketch		

SITE NAME: MONITORING WELL FIELD INSPECTION LOG		INSPECTOR: DATE/TIME: WEll ID.:	-
	3		ES
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XN		X	
PDOP Reading from Trimble Pathfinder:			
	d/Or Magellan		
	9	Y	ES
WELL I.D. VISIBLE?			
WELL LOCATION MATCH SITE MAP? (if not, skete	ch actual location on back)		< · ·
WELL I.D. AS IT APPEARS ON PROTECTIVE CAS	Sing or well: 58^{-1}		
		Y	ES
SURFACE SEAL PRESENT?			
SURFACE SEAL COMPETENT? (If cracked, heaved			
PROTECTIVE CASING IN GOOD CONDITION? (IF	damaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT	۲ USED	N	A
TYPE OF PROTECTIVE CASING AND HEIGHT OF	F STICKUP IN FEET (If applicable)		51
PROTECTIVE CASING MATERIAL TYPE:			tee
MEASURE PROTECTIVE CASING INSIDE DIAME	TER (Inches):		50
		Y	ES
OCK PRESENT?			
DID YOU REPLACE THE LOCK?			_
S THERE EVIDENCE THAT THE WELL IS DOUBI			
VELL MEASURING POINT VISIBLE?			
	181/31 / 72 = -43.		
AEASURE WELL DEPTH FROM MEASURING PO AEASURE DEPTH TO WATER FROM MEASURING			
AEASURE WELL DIAMETER (Inches):			
VELL CASING MATERIAL:			
HYSICAL CONDITION OF VISIBLE WELL CASIN			
ATTACH ID MARKER (if well ID is confirmed) and I			_
ROXIMITY TO UNDERGROUND OR OVERHEAD) UTILITIES		
ESCRIBE ACCESS TO WELL: (Include accessibility	v to truck mounted rig. natural obstructio	ns, overhead	
ower lines, proximity to permanent structures, etc.); Al	DD SKETCH OF LOCATION ON BAC	CK, IF NECESSARY.	
OK-only by foot-			
9 0			
ESCRIBE WELL SETTING (For example, located in		a a garden, etc.)	
ND ASSESS THE TYPE OF RESTORATION REQU	UIRED.		
Slightly wooded ania- abo	of a outside of the	nce	
DENTIFY ANY NEARBY POTENTIAL SOURCES (OF CONTAMINATION IF PRESENT	2 1 1 1 1 1	
e.g. Gas station, salt pile, etc.):	GE CONTRACTOR, IF LICEDENT		
m-Site Landfill			
Un an Carama	(A)		
	*		
EMARKS:			
	Sketch		-
2)	OKOIOII	8	

SITE NAME:	THERECTOR	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEILID.:	8/29/14
		-
VELL VISIBLE? (If not, provide directions below)	YE	S NO
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	YE	
VELL I.D. VISIBLE?		
VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) $S9$		
VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	SNO
URFACE SEAL PRESENT?	×	
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	Ex	MA
IEADSPACE READING (ppm) AND INSTRUMENT USED YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	<u>_</u>	1A A 2.5' Sto
ROTECTIVE CASING MATERIAL TYPE:		eel
OCK PRESENT?	YE	ES NO
OCK FUNCTIONAL?	···	
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
/ELL MEASURING POINT VISIBLE?		X
IEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
EASURE WELL DIAMETER (Inches):		
VELL CASING MATERIAL:	KAL PUC	
	Parks g	ad
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	-	NH IA
		<u>517</u>
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N	icad ECESSARY=	
Good - Cleane in Wids ' about 20' tom arch	ad Doll	ler lines
george changes janob or non alle	ina pre	
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde	n, etc.)	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	10.11 01	1 201
from medine " trees bush between will t	Rocdway	207 20'
	Ø	
ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		- · 58
	striction t	dentition
dom &		
4 001		
A ATT		

Need lock photo #77

SITE NAME: MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:	3-14-00 KAL 8/29/14 5/0
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites:	YES	NO
GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE?	YES	NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?		NO X VA
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):		A Strok UP
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?		
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	P	VA NA VA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES 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 N 9000 - (leaves) n words - ~ 20 Prov only	head ECESSARY.	verlines
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde AND ASSESS THE TYPE OF RESTORATION REQUIRED. Cleaning in words downgod led of fince out side bitween will and reading	a 1.	us/bous
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): ON Sik land fill; about 20' from	n noculuia	<u>ey</u>
REMARKS: & puc muy casing - Cap musing		
Sketch		
Med lock -photo #6	2	14 II 21 m

8 =



Facility Name: Schatz Federal Bearings

Site Location: Poughkeepsie, New York

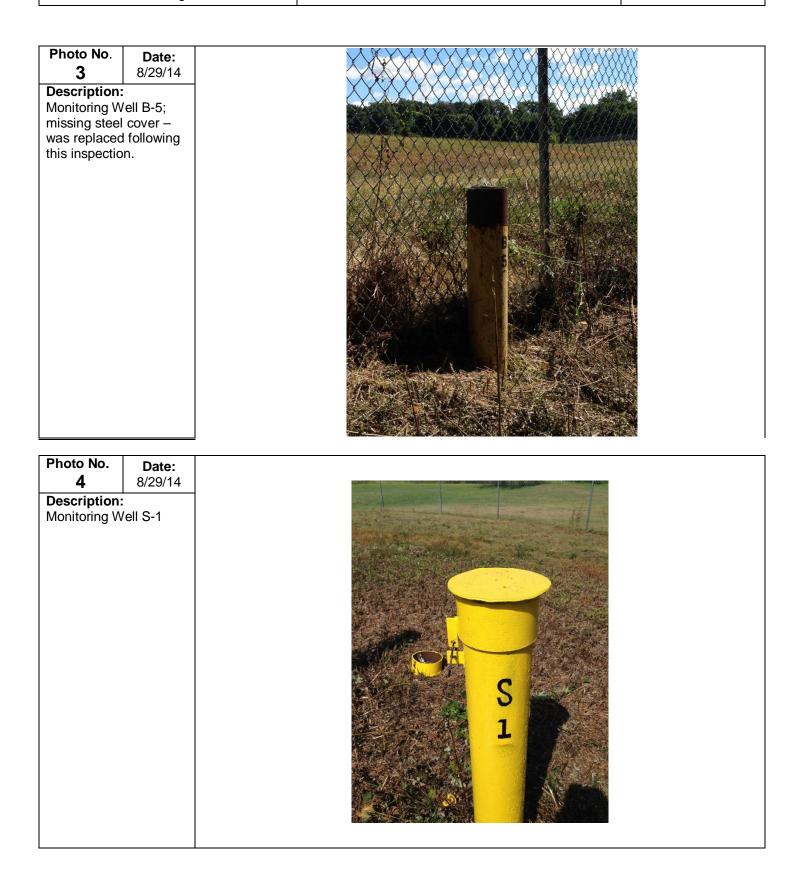
PHOTOGRAPH LOG

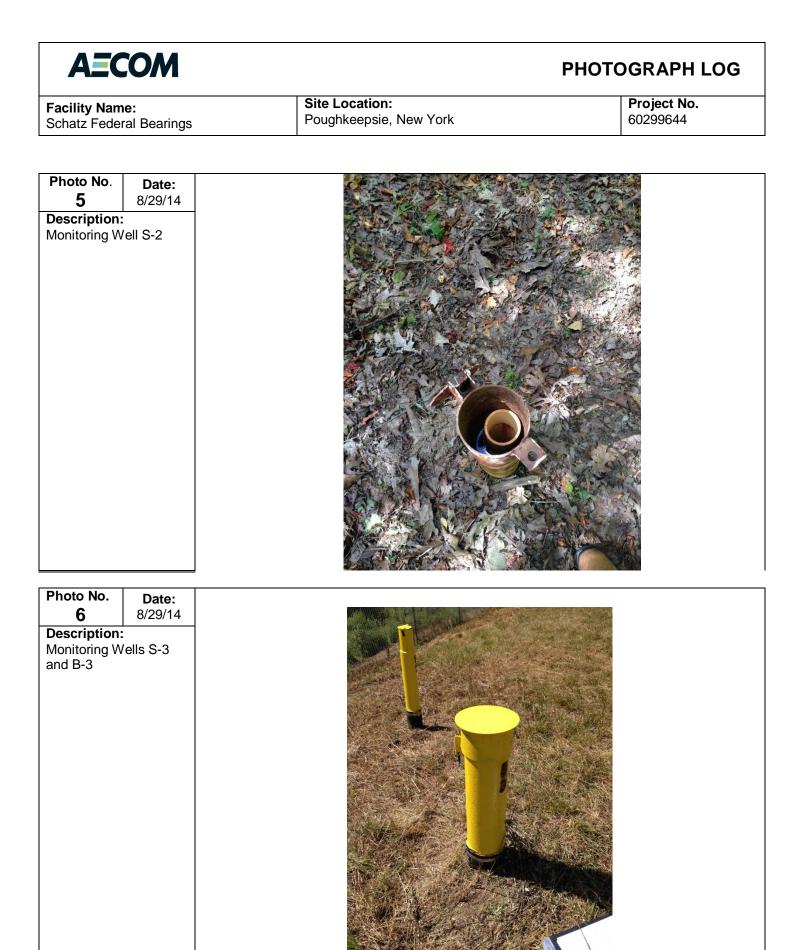
Project No. 60299644





Facility Name: Schatz Federal Bearings **Site Location:** Poughkeepsie, New York **Project No.** 60299644





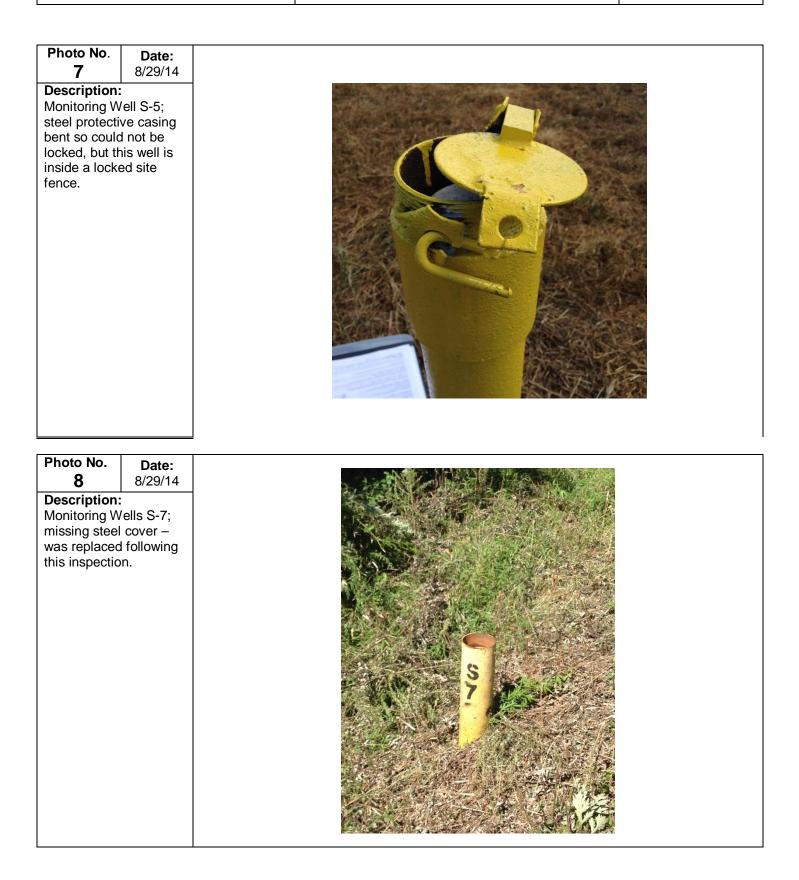


Facility Name: Schatz Federal Bearings

Site Location: Poughkeepsie, New York



Project No. 60299644



Site-Wide Semi-Annual Inspection Form

Cap', fence', Engineering Control (s): dirtche	S	V	an Wag hkeepsi	ion Date: 4/22/15 4130 mar Polential	
Item	Yes	No	N/A	Comments	
Does the Engineering Control continue to perform as designed?	X	1			
Does the Engineering Control continue to protect human health and the environment?	X			What appeared to be a seep - likely draining them	(YOK
Does the Engineering Control comply with requirements established in the SMP?	X			in current scope of work.	
Has remedial performance criteria been achieved or maintained?	X			Still monitoring weres - livery K MO.	
Has sampling and analysis of appropriate media been performed during the monitoring event?		×		Not during this inspection	
Have there been any modifications made to the remedial or monitoring system?	143	x		а	
Does the remedial or monitoring system need to be changed or altered at this time?	x			Some well caps and/or locks needed; See well inspection logs.	
Has there been any intrusive activity, excavation, or construction occurred at the site?		X	E ²	р 22 х 22 с)	
Were the activities mentioned above, performed in accordance with the SMP?	2		X	8	
Was there a change in the use of the site or were there new structures constructed on the site?		X			
In case a new occupied structure is constructed or the use of the current building changed, was a vapor intrusion evaluation done?			×		
Were new mitigation systems installed based on monitoring results?		N.	Х		
Were the groundwater wells in the monitoring network inspected during this site inspection? If so, were the Monitoring Well Field Inspection Logs Completed?	×	8 G	е.	See well inspection 1000 for 14 monitoring wells.	

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

Signature of Inspector: Date: Name of Inspector: Inspector's Company: Kulm Lure AÈ OM

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

SITE NAME: Schotz Federal Bearing	3-14-00 SITE ID.: <u>8</u>
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: KAL DATE/TIME: $4/22/19$ WEILID.: $B-1$
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 NO X
GPS Method (circle) Thinble Aldron Magenan	YES NO
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: B1	YES NO
SURFACE SEAL PRESENT?	NA X
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	4. Stick UP Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YES NO
LOCK PRESENT?	X
DID YOU REPLACE THE LOCK?	
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 MÅRKER TYPE	NA NA Y" Ster good
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES 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 NE	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. Q000') on Landfall ; Install funce	, etc.)
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):	
(*) (*)	
lock was replaced since last site in	spection.
Sketch	
	a)

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MON	ITORING WEL	L FIELD INSP	PECTION LOO		DATE	ECTOR: /TIME:	4/2
			Ten g litt		WEII I	D.:	-DZ
	8					YES	NO
WELL	/ISIBLE? (If not, provide	directions below)			*******	X	
	COORDINATES? NYTA		YTM Y				
	PDOP Reading from Ti						
	GPS Method (circle)	Trimble And					
	Gr 5 Method (enerc)	TIMOIC TAK	doi mageman			YES	NO
WELL	D VISIBLE?				0.0000.0000.000	X	
WELLI	D. VISIBLE?	F MAD? (if not eket	ch actual location on b	well Needt	0	1	-
WELL L	OCATION MATCH SIL		on actual location on a	Switch	B2 +		
WELLI	D. AS IT APPEARS ON	PROTECTIVE CAS	ING OR WELL:		2 UN I	lap.	
	D. AS IT AT LAKS ON	I ROILOINE OID	ITTO OK TILLE. MAN			YES	NO
SURFA	CE SEAL PRESENT?						V
	CE SEAL COMPETENT						A
	CTIVE CASING IN GOC					X	-fr-
rkute	The CASING IN OUC	DCONDITION (II	uamaged, describe be	10w)			
HEADS	PACE READING (ppm)	AND INCTRUMENT	LISED			٨	A
	F PROTECTIVE CASIN					21 5	her
					7	C la	I DE U
	TIVE CASING MATER RE PROTECTIVE CASI	ALLITE:	TED $(I_m - L_{-n})$	(011	••	2-466	4
MEASU	KE PKOTECTIVE CASI	ING INSIDE DIAME	IER (Inches):			YES	NC
000	D DO EN ITHS					X	
	RESENT?					the second se	a)
	UNCTIONAL?					X	112
	U REPLACE THE LOCK						X
	E EVIDENCE THAT TH						- x
WELL N	IEASURING POINT VIS	SIBLE?	******				
	4)		ά.	×			
	RE WELL DEPTH FROM					-	NA
	RE DEPTH TO WATER						NA
MEASU	RE WELL DIAMETER (Inches):	******	*********			Con
WELL C	ASING MATERIAL:					Ste	el
PHYSIC	AL CONDITION OF VIS	SIBLE WELL CASIN	IG: management		• •	9	rood
ATTACH	ID MARKER (if well I	D is confirmed) and I	DENTIFY MARKER	TYPE			NA
PROXIM	ITY TO UNDERGROU	ND OR OVERHEAD	UTILITIES				NA
DESCRI	BE ACCESS TO WELL:	(Include accessibility	to truck mounted rig	, natural obstruction	s, overhead		
ower lin	es, proximity to permane	nt structures, etc.); A	DD SKETCH OF LO	CATION ON BACH	K, IF NECESSA	RY,	
000			ound mello		to reach		rehicle
<u>Ver</u>	B B B B	will in	0010 000000			0	-
FSCRU	BE WELL SETTING (Fo	r example located in	a field in a playarou	nd, on pavement in	a garden etc.)		
	SESS THE TYPE OF RI	•	-	· · · · · · · · · · · · · · · · · · ·	,,		5
				- 1 T		a . "	
0	lar aneas in	n woods !	Some the c	over			
1 - 1 -	*	5		×			й.
				FC.			
DENTIF	Y ANY NEARBY POTE	ENTIAL SOURCES	OF CONTAMINATION	ON, IF PRESENT			
e.g. Gas	station, salt pile, etc.):			8			
-	- site (andfil	1- hut las	us are vo	modered			
UI	1- OTTE URNITTI	UUT We	us une up	y build .		A	-
41							
EMARK	Ç.						
CIVIAKK	.0.						
-			10				E.
	α.						
			Sketch				

SITE NAME: Schatz Federal Beans MONITORING WELL FIELD INSPECTION LOG	SITE ID.: 3-1 INSPECTOR: 4 DATE/TIME: 9 WEILID.: 2	4-00 24 122/15 33
	YES NO	о —
WELL VISIBLE? (If not, provide directions below)		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	1 NEO 11	
WELL I.D. VISIBLE?	YES NO	5
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	~
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YES	NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	- NA	9-11
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2.51	Shek
PROTECTIVE CASING MATERIAL TYPE:	Steel	
	YES	NO
LOCK PRESENT?		R
DID YOU REPLACE THE LOCK?		x
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?	w X	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	NA	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	NA	
MEASURE WELL DIAMETER (Inches):		
WELL CASING MATERIAL:	PUCHS	itul a
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	<u> </u>	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	NA	-
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions,	overhead	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK,	IF NECESSARY	
good; inside fence; clear; outside penmeter of	land fill-	
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.	2	c
tick ; outside penneter of kindfill		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	41.	
(e.g. Gas station, salt pile, etc.):		
m-Sik_		
IOCK had been placed in well since last,	isid has DER?	
Cimbo lock Consistent who there on site (# 400	(3) PCC	
Sketch		

	SITE NAME: Schatz Federal Bearing SITE ID.: 3-14-00
	INSPECTOR: Kal
	MONITORING WELL FIELD INSPECTION LOG DATE/TIME: $\frac{9/22}{B4}$
	WEITID <u></u>
	YES NO
	WELL VISIBLE? (If not, provide directions below)
	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?
	WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)
	WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: <u>B4</u>
	SURFACE SEAL PRESENT?
1	SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
	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)
	PROTECTIVE CASING MATERIAL TYPE:
	YES NO
	LOCK PRESENT?
	LOCK FUNCTIONAL?
	IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
a I	WELL MEASURING POINT VISIBLE?
	MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
	MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
	MEASURE WELL DIAMETER (Inches):
	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.
3	Good, cleanry in woods, small slope
0	
	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.
3	<u>Cleaning in Woods; Some thes onerhead.</u>
1	
	IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT
	Logradient M-Sile landfill, nearby madway + recycling center t
2 1 a	Construction + demolition dipins -> there are downgradient
	REMARKS:
i.	
1000	

MONITO	RING WELL FIEL	D INSPECTION	LOG	INSPEC	-1-1-0-0
MONTO	KING WELL FIEL		LOG	WEILIE WEILIE	
s. **	and the second			0.000	
WELL VICIPI	_E? (If not, provide directions	a below)			YES NO
	DINATES? NYTM X		***************************************		
	P Reading from Trimble Path		es:		
GPS	Method (circle) Trim	ible And/Or Magel	lan		YES NO
WELLD VI	SIBLE?				YES NO
	FION MATCH SITE MAP? (Y
			RS		
WELL I.D. AS	IT APPEARS ON PROTEC	TIVE CASING OR WEL			
					YES NO
	AL PRESENT? AL COMPETENT? (If crack				NA
	CASING IN GOOD CONDI				X
- RGIDOIITE					010
	READING (ppm) AND INST				NA
	TECTIVE CASING AND H				2.5' Stic
MEASURE PR	CASING MATERIAL TYPE OTECTIVE CASING INSID	E DIAMETER (Inches):	6 "	****	
		()			YES NO
Contraction of the second s	NT?				
	IONAL?				
	IDENCE THAT THE WELL			*******	X
	JRING POINT VISIBLE?				X
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			0%7.	.1.0
	ELL DEPTH FROM MEASU EPTH TO WATER FROM MI				
	ELL DIAMETER (Inches):			*****	<u> </u>
WELL CASIN	G MATERIAL:				PVC
	ONDITION OF VISIBLE WE			*****	-9000
	IARKER (if well ID is confined on the second of the second				- NA
	O ONDEROROONE OR O				
DESCRIBE AC	CESS TO WELL: (Include a	ccessibility to truck mou	nted rig, natural obstructi	ons, overhead	
power lines, pro	ximity to permanent structure	<ul> <li>Tak</li> </ul>			
	by toot; on s	teep slope a	not tight ogn	Thoj rate	
DESCRIBE WE	ELL SETTING (For example,	, located in a field, in a p	layground, on pavement,	in a garden, etc.)	
	THE TYPE OF RESTORAT	ION REQUIRED.	a	8	х ю ¹⁹
Just	outside fince, a	grassy anea	, Slope		
		<u> </u>		2.	
TYPENTERS AND	Y NEARBY POTENTIAL S		UNIATION IE DUECENIA	8- o	
	Y NEARBY POTENTIAL S n, salt pile, etc.):	OURCES OF CONTAM	IIIMA LION, IF CRESENT	3-10 10	
	1 e. Contaminat	m - from	landfill		
V1F-3		12	tonos to .	•	
	<i>b</i>	anter contrato de la contrato			
REMARKS:	1	1 0	1 and L		reids lack it
A PINKO	the come repl	acad Since La	ve visit by	pec -T	
DOSSID	u. nay		0		

SITE NAME: Schatz Fidural Beans	SITE ID.: INSPECTOR:	3-14-003 Kad
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEll ID.:	4/22/15
WELL VISIBLE? (If not, provide directions below)	. YES	S NO
PDOP Reading from Trimble Pathfinder: Satelites: Sateli	YE	S NO
WELL I.D. VISIBLE?		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	S NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	NA
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):	4.	NA Stickup
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
LOCK PRESENT? * Sel ALMALKS LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK?		X X X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	` <u> </u>	NA NA
MEASURE WELL DIAMETER (Inches):	PV	<u></u>
PHYSICAL CONDITION OF VISIBLE WELL CASING:		Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
	1	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overher power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE	cessary.	23
God', clear; inside tence.		
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.	ille i	3 ×
- good, Char, Instat fines.	5 L	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):	302	
	8	
REMARKS:		
* using cuble the on when - inside fince.		
Sketch		
	12	5 - A

, U

WEIL USIBLE? (If not, provide directious below)     YES. NO       YELL COORDINATEST NYTM X     NYTM Y       PDOP Reading from Trimble Pathfinder:     Satelites:       GTS Machod (carde)     Trimble And/Or Magellan       YELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back). SubtRED, WELL SCHOOL (Satelites)     YES. NO       YELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back). SubtRED, WELL SCHOOL (Satelites)     YES. NO       YELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back). SubtRED, WELL SCHOOL (Satelites)     YES. NO       YELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back). SubtRED, WELL (Satelites)     YES. NO       WELACE SEAL PRESENT7     YES. NO     X       URFACE SEAL OMPETITI'S (If cracked, heaved etc., describe below)     X     X       EADSPACE READING (ppm) AND INSTRUMENT USED     NO     X       EADSPACE READING (ppm) AND INSTRUMENT USED     NO     X       EADSPACE READING (ppm) AND INSTRUMENT USED     NO     X       CK PRESENT7     YES     NA       YEO OF PROTECTIVE CASING INSIDE DIAMETER (Inches):     Y     X       YE OF PROTECTIVE CASING INSIDE DIAMETER (Inches):     Y     X       YE OK RESENT7     YES     X     X       YE OK RESENT7     Y     X     X       YE OK RESENT7     YE     X     Y       YE OK RE	MONITORING WELL FIELD INSPI	ECTION LOG	INSPECTOR: Ka DATE/TIME: 4/12	
VELL VISIBLE? (If not, provide directions below)		an e ar	WEILID.: <u>S2</u>	
VELL VISIBLE? (If not, provide directions below)	/#		VES NO	
VELL COORDINATES? NYTM X				
PDOP Reading from Trimble Pathfinder: Satelites: Satelites: Magellan Satelites: Satelite				
GPS Method (circle)       Trimble       And/Or       Magellan         VELL LO. VISIBLE?       The provided in the				
VELL I.D. VISIBLE?       VELL LOCATION MATCH SITE MAP? (ffnot, sketch actual location on back). Audit(D, M/ B.2. on Dropp)         VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       S2         URFACE SEAL PRESENT?       VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:         URFACE SEAL COMPETENT?       MA         WELK COMPETENT?       MIRA         URFACE SEAL COMPETENT?       MA         CASING MATCH SITE MAP? (ffnot, sketch actual location on back). Audit(D, M/ B.2. on Dropp)       MA         WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       S2         URFACE SEAL COMPETENT?       MA         CASING MATERIAL TYPE:       NA         CASING MATERIAL TYPE:       S4         MA       S1         COK PRESENT?       NA         OCK PRESENT?       NA         OCK PRESENT?       NA         MA       S2         MA       S1         MA       S2         MA <td< td=""><td></td><td></td><td></td></td<>				
VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back). Buttich. W B2 on wap       Image         VELL 1.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       S2         URFACE SEAL PRESENT?       Image         URFACE SEAL COMPETENT? (If creaked, heaved etc., describe below)       Image         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       Image         RADSPACE READING (ppm) AND INSTRUMENT USED       NA         EADSPACE READING (ppm) AND HEIGHT OF STICK UP IN FEET (If applicable)       Z. Shace         ROTECTIVE CASING MATERIAL TYPE       Jule         EADSPACE THE COK?       Jule         EADSPACE THE COK?       Jule         OCK PRESENT?       VEL         OCK PRESENT?       VES         VELL MASURING POINT VISIBLE?       VES         HEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         YISCAL CONDITION OF VISIBLE WELL CASING:       VE         YISCAL CONDITION OF VISIBLE WELL CASING:       NA			YES NO	
VELL 1.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       Semigradian and the second s	WELL I.D. VISIBLE?			
VELL 1.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       S2         URFACE SEAL PRESENT?       VES         URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       NA         RADEAD CASING MATERIAL TYPE       NA         EADSPACE READING (ppm) AND INSTRUMENT USED       NA         CORECTIVE CASING MATERIAL TYPE       NA         EADSPACE READING (ppm) AND HEIGHT OF STICK UP IN FEET (If applicable)       Z.1 Shate         COK PROTECTIVE CASING INSIDE DIAMETER (Inches):       YE         VES       YES         OCK PRESENT?       YES         YES THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YEEL MEASURING POINT VISIBLEWELL SOUBLE CASED?       NA         EASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         EASURE WELL DAMETER (Inches):       NA         YESICAL CONDITION OF VISIBLE WELL CASING:<	WELL LOCATION MATCH SITE MAP? (if not, sketch	actual location on back) Switch W	BZON X	
URFACE SEAL PRESENT?       YES         URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       NA         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       NA         EADSPACE READING (ppm) AND INSTRUMENT USED.       NA         COCK PRESENT?       Z: Strice         OCK PRESENT?       YES         OCK PRESENT?       X         YE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       X         OCK PRESENT?       X         OCK PRESENT?       X         YES       NA         THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)       X         YELL MEASURING POINT VISIBLE?       NA         EASURE WELL DIAMETER (Inches):       NA         HEASURE WELL DIAMETER (Inches):       NA         YESICAL CONDITION OF VISIBLE WELL CASING:       NA         YESICAL CONDITION OF VISIBLE WELL CASING:       NA         YACAL CONDITION OF VISIBLE WELL CASING:       NA         YESICAL CONDITION OF VISIBLE WELL CASING:       NA         YESICAL CONDITION OF VISIBLE WELL CASING:       NA </td <td></td> <td></td> <td></td>				
URFACE SEAL PRESENT?       Image: Constraint of the second s	WELL I.D. AS IT APPEARS ON PROTECTIVE CASIN	NG OR WELL:		
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       Image: Comparison of the second describe below)         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       Image: Comparison of the second describe below)         PE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       Image: Comparison of the second describe below)         OCK PRESENT?       Image: Comparison of the second describe below)       Image: Comparison of the second describe below)         OCK PRESENT?       Image: Comparison of the second describe below)       Image: Comparison of the second describe below)         OCK PRESENT?       Image: Comparison of the second describe below)       Image: Comparison of the second describe below)         Image: Comparison of the second describe the second describe the second describe below)       Image: Comparison of the second describe below)         Image: Comparison of the second describe the second desecond describe the second describe the second describe the second				
ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below) EADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) ROTECTIVE CASING MATERIAL TYPE: ROTECTIVE CASING MATERIAL TYPE: CASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): CASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): CASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): CASURE WELL DEPTH FROM MEASURING POINT (Feet): CASURE PROTECTIVE (FOR EXAMPLE) (				
EADSPACE READING (ppm) AND INSTRUMENT USED				
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       2) Sheet         YPE OF PROTECTIVE CASING MATERIAL TYPE:       Stell         ItEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       YES         OCK PRESENT?       OCK PRESENT?         OCK FUNCTIONAL?       X         DY OU REPLACE THE LOCK?       X         YEL DEANCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YEL MEASURING POINT VISIBLE?       X         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         EASURE WELL DAMETER (Inches):       YE         YELL CASING MATERIAL:       YELL CASING:         YELL CASING MATERIAL:       YELL CASING:         YELL CASING MATERIAL:		uningen, asserter below f mannan		
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       Z. Stick         ROTECTIVE CASING MATERIAL TYPE:       Yes         IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       Yes         OCK PRESENT?       OCK FUNCTIONAL?         ID YOU REPLACE THE LOCK?       X         ID YOU REPLACE THE LOCK?       X         ID YOU REPLACE THE IOCK?       X         ID YOU REPLACE THE VILL IS DOUBLE CASED? (If yes, describe below)       X         FELL MEASURING POINT VISIBLE?       NA         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         IEASURE WELL DIAMETER (Inches):       NA         IEASURE WELL DIAMETER (Inches)       NA	HEADSPACE READING (ppm) AND INSTRUMENT	USED		
ROTECTIVE CASING MATERIAL TYPE			z' stick	
IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):         YES         OCK PRESENT?         OCK FUNCTIONAL?         OCK FUNCTIONAL?         YES         OCK PRESENT?         OCK FUNCTIONAL?         NA         EASURE WELL DEPTH FOW MEASURING POINT (Feet):         NA         EASURE WELL DIAMETER (Inches):         AL         OCK         NA         Superior Colspan="2">OCK         NA         Superior Colspan="2">NA         OCK         OC <td col<="" td=""><td>PROTECTIVE CASING MATERIAL TYPE:</td><td></td><td></td></td>	<td>PROTECTIVE CASING MATERIAL TYPE:</td> <td></td> <td></td>	PROTECTIVE CASING MATERIAL TYPE:		
OCK PRESENT?       YES         OCK FUNCTIONAL?       X         ID YOU REPLACE THE LOCK?       X         ID YOU REPLACE THE LOCK?       X         STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YELL MARKER EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YELL MARKER EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YELL MARKER FORM MEASURING POINT (Feet):       NA         EASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         EASURE WELL DIAMETER (Inches):       2"         TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         SQXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES       NA         OK Marker (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         OXMITY TO UNDERGROUND OR OVERHEAD UTILITIES       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         OK Marker Type (FerstorAtION REQUIRED.       NA       NA         OK Marker Type of RESTORATION REQUIRED.       NA       NA         Open And Marker Type of RESTORATION REQUIRED.       Augurpredict       NA         Open And Marker Type OF CONTAMINATION, IF PRESENT	MEASURE PROTECTIVE CASING INSIDE DIAMET	ER (Inches):	3	
X       X         ID YOU REPLACE THE LOCK?       X         ID YOU REPLACE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         YELL MEASURING POINT VISIBLE?       X         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         IEASURE WELL DAMETER (Inches):       NA         IEASURE WELL DIAMETER (Inches):       PVL         YISICAL CONDITION OF VISIBLE WELL CASING:       PVL         YISICAL CONDITION TO ON DACK       PVL <t< td=""><td></td><td></td><td></td></t<>				
ID YOU REPLACE THE LOCK?				
STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)         //ELL MEASURING POINT VISIBLE?         //EL MEASURING POINT VISIBLE?         //EASURE WELL DEPTH FROM MEASURING POINT (Feet):         //EASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):         //EASURE WELL DIAMETER (Inches):         //EASURE WELL DIAMETER (Inches):         //YSICAL CONDITION OF VISIBLE WELL CASING:         //YSICAL CASING WELL 'Include accessibility to truck mounted rig, natural obstructions, overhead         were lines, proximity to perman				
VELL MEASURING POINT VISIBLE?       NA         VELASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         LEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         LEASURE WELL DIAMETER (Inches):       NA         VIEL CASING MATERIAL:       VIEL CASING:         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         SQXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead over lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by       fort ;       OK       by       Other tructs around INULS — May be difficult to the control of the				
IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         IEASURE WELL DIAMETER (Inches):       NA         YELL CASING MATERIAL:       PVC         HYSICAL CONDITION OF VISIBLE WELL CASING:       PVC         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         Wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by       Phicks around WULS — May be difficult to truck mounted rig, natural obstructions, overhead         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by       foot ;       OK         Plach       around       WULS — May be difficult to truck mounted rig, natural obstructions, overhead         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)       ND         Open       ALA       MA         Open       ALA       MA         UPGODIES	IS THERE EVIDENCE THAT THE WELL IS DOUBLE	E CASED? (If yes, describe below)		
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         EASURE WELL DIAMETER (Inches):       2"         FELL CASING MATERIAL:       9000         YISICAL CONDITION OF VISIBLE WELL CASING:       9000         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         Wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by foot , OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         Well SECRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)       ND ASSESS THE TYPE OF RESTORATION REQUIRED.         Open And in Woods', Some own head freed       Freed       Freed	WELL MEASURING POINT VISIBLE?			
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       NA         EASURE WELL DIAMETER (Inches):       2"         FELL CASING MATERIAL:       9000         YISICAL CONDITION OF VISIBLE WELL CASING:       9000         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         Wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by foot , OK       by Nchicles around UMUS — May be dufficult to truck mounted rig, natural obstructions, overhead         Well SECRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)       ND ASSESS THE TYPE OF RESTORATION REQUIRED.         Open And in Woods', Some own head freed       Freed       Freed	AEASUBE WELL DEDTH EDOM MEASUBING DOIN	IT (Feat)	No	
EASURE WELL DIAMETER (Inches):   TELL CASING MATERIAL:   TYSICAL CONDITION OF VISIBLE WELL CASING:   TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE   ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.   NA   ESCRIBE 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 NECESSARY.   OK by   Point Image: Control of the co				
PVC         AYSICAL CONDITION OF VISIBLE WELL CASING:         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES         NA         EESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.         OK       by foot, OK         PLACE         PLACE         PLACE         OK       by Nehicles around IMUS – May be difficult to truck to prove the end in a field, in a playground, on pavement, in a garden, etc.)         ND ASSESS THE TYPE OF RESTORATION REQUIRED.         Open       Out in Wolds', Semi own head free         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT         .g. Gas station, salt pile, etc.):         Upgradient of on-Sile bardfill				
HYSICAL CONDITION OF VISIBLE WELL CASING:       9000         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe accessibility to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         OK       by foot;       OK       by whichs around IMUS - May be difficult to react the second of			0.1	
International and the second mater of the second mater and the second material and				
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead over lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. OK by foot, OK by vehicles around USUS — May be deficed to the reach and we large security of the deficient to the deficient to the deficient to the reach and we large security of the deficient to the deficient to the deficient to the reach and we large security of the deficient to the deficient to the reach and we large security of the deficient to the deficient to the reach and we large security of the deficient to the deficient to the deficient to the 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. Open and the volods' Some overhead to the deficient open and the volods' Some overhead to the entity any nearby potential sources of contamination, if present .g. Gas station, salt pile, etc.): Upgradient of on-Sile brack 11	ATTACH ID MARKER (if well ID is confirmed) and ID	ENTIFY MARKER TYPE	- NA	
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. Open and in woods' Some overhead tres. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Sile brachil	ROXIMITY TO UNDERGROUND OR OVERHEAD	UTILITIES	NA	
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. Open and in woods' Some overhead tres. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Sile brachil				
OK by foot; OK by nchicles around WUS - May be difficult to reach and wf larger equipment 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. Open and in 1000ds', Some overhead trees. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Sile brach 11	DESCRIBE ACCESS TO WELL: (Include accessibility t	o truck mounted rig, natural obstructions,		
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. Open and in WOODS', Some overhead trues ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of M-Sile brach 11	ower lines, proximity to permanent structures, etc.); AD	D SKETCH OF LOCATION ON BACK,	ma b dyfler i i t	
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. Open and in 1000ds', Some overhead frees. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgroduent of on-Site brothil			They be constant to	
ND ASSESS THE TYPE OF RESTORATION REQUIRED. Open and in Woods', Some overhead frees. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Site brach 11	reach area w langer eg	uppert		
ND ASSESS THE TYPE OF RESTORATION REQUIRED. Open and in Woods', Some overhead frees. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Site brach 11	ESCRIBE WELL SETTING (For example located in a	field in a playeround on pavement in a	parden_etc.)	
open and in woods', Some overhead frees. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgradient of on-Site broth 11			,,	
ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT .g. Gas station, salt pile, etc.): Upgrodient of on-Site brach 11			9 - F	
.g. Gas station, salt pile, etc.): Upgradient of on-site birdfill	open una in vocas, son	e overthead Thes.	a presidente de la constant de la co	
.g. Gas station, salt pile, etc.): Upgradient of on-site birdfill				
.g. Gas station, salt pile, etc.): Upgradient of on-site birdfill			Â.	
Upgradient at an-site brachill		r UUNTAMIINATIUN, IF PRESENT	54 - S	
		a Sila La AP: 11		
MARKS:	Upgradient of on	n-site birach 11	the second second	
EMARKS:	- <b>1</b>	74 99		
MAKKS:				
	EMAKKS:			
	R 1 4		<u> </u>	
Sketch				

	Schatz C	deral Beari		SITE ID.:	3-14-003
SITE NAME			0	INSPECTO	
MONITO	ORING WELL FIELD	INSPECTION LO	G	DATE/TIMI WEll ID.:	= <u>4/22/15</u>
3 ¹⁹⁸¹		4 5 ₁₀ 148	-	WEITD.:	
WELL COOR PD	OP Reading from Trimble Pathfi	NYTM Y			YES NO
OF.					YES NO
	ISIBLE? TION MATCH SITE MAP? (if			yürereneyyi	X X
WELL I.D. A	S IT APPEARS ON PROTECTI	VE CASING OR WELL:	<u>\$3</u>	Ē	YES NO
SURFACE SE	EAL PRESENT? EAL COMPETENT? (If cracked E CASING IN GOOD CONDIT	, heaved etc., describe below	)	• • •	N A X
TYPE OF PRO	E READING (ppm) AND INSTR OTECTIVE CASING AND HEI E CASING MATERIAL TYPE: ROTECTIVE CASING INSIDE	GHT OF STICKUP IN FEET	T (If applicable)		NA 2.51 Stick Up Stel
LOCK FUNC DID YOU RE IS THERE EV	ENT? TIONAL? PLACE THE LOCK? /IDENCE THAT THE WELL IS SURING POINT VISIBLE?	DOUBLE CASED? (If yes,	describe below)		$\begin{array}{c c} X \\ X $
MEASURE D MEASURE W WELL CASIN PHYSICAL C ATTACH ID I	/ELL DEPTH FROM MEASUR EPTH TO WATER FROM MEA /ELL DIAMETER (Inches): NG MATERIAL: CONDITION OF VISIBLE WEL MARKER (if well ID is confirm TO UNDERGROUND OR OVE	ASURING POINT (Feet): L CASING: ed) and IDENTIFY MARKE	ск түре		NA NA 2" PVC Good NA NA
DESCRIBE A power lines, pr	CCESS TO WELL: (Include acc roximity to permanent structures, inside for compared of the compa	etc.); ADD SKETCH OF L	ig, natural obstructions, OCATION ON BACK, Penpeter	overhead IFNECESSARY. Of <u>landf</u> l	<u>]</u>
AND ASSESS	ELL SETTING (For example, loss of RESTORATION - ONTSIDE PER ME	N REQUIRED.	und, on pavement, in a	garden, etc.)	
	NY NEARBY POTENTIAL SO on, salt pile, etc.): Sik landhill	JRCES OF CONTAMINAT	TON, IF PRESENT	н 	
	р. — — — — — — — — — — — — — — — — — — —		- E		
REMARKS:	was replaced	ecently - by	PEC?		- X
0		Sketch			

SITE NAME: Schotz Folloal Beang MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME:	KAL
	WEll ID .:.	54
	VD	
WELL VISIBLE? (If not, provide directions below)	YE X	S NO
WELL COORDINATES? NYTM X NYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
	YE	
WELL I.D. VISIBLE?	×	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		d
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YE	S NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA_
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	L¥	-
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Si	Stick
PROTECTIVE CASING MATERIAL TYPE:		ee1
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
LOCK PRESENT?		
LOCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA
MEASURE WELL DIAMETER (Inches):	-0	211
WELL CASING MATERIAL:		nod
PHYSICAL CONDITION OF VISIBLE WELL CASING:	-30	NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, o	verhead	¥)
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, I		
god; clear; inside fince		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a ga	arden, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	3 6 52 - 12	14
on lavoltil		
	×	
	×	2.
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	212	
(e.g. Gas station, salt pile, etc.):		
	1. Alternative Providence Provide	
REMARKS:		
lock was replaced since last visit - by Dec?		
Sketch		

MONITOR	ING WELL FIEL	D INSPEC	TION LOC	3	64	INSPEC DATE/T WEII ID.	IME:	4/22/
3 ⁽⁵	. S. *	540	2 A		2	WEILID.	;	55
	*		58C 96				YES	NO
WELL VISIBLE	? (If not, provide directions	s below)	******	*********	******		LX	
	NATES? NYTM X							
PDOP	Reading from Trimble Path							
GPS N	fethod (circle) Trim	ble And/Or	Magellan				[	1.10
							YES	NO
	BLE?					****	X	
WELL LOCATI	ON MATCH SITE MAP? (	if not, sketch ac	tual location on b	oack)			L X	لــــــــــــــــــــــــــــــــــــــ
				SS				
WELL I.D. AS I	F APPEARS ON PROTEC	TIVE CASING	OR WELL:	*****	1		YES	NO
							TES	NU X
SURFACE SEAL	PRESENT?	ad hannad -t-	dagariha halawa			7		
SUKFACE SEAL	COMPETENT? (If crack	ed, neaved etc.,	describe below)	land #	See	remarks	-N.	-
PROTECTIVEC	ASING IN GOOD CONDI	ITION? (If dama	igea, describe be	10W)			2	i
	EADING (ppm) AND INS	TRUMENT US	ED				NA	
	ECTIVE CASING AND H							Sticku
						(a)	Steel	0.0000
MEASLIREPRO	ASING MATERIAL TYPI TECTIVE CASING INSID	EDIAMETER	(Inches).	44				
MERQUICTIO		E BACINE I DR	(1200100).			. 45	YES	NO
LOCK PRESEN	12 month in the state of the second	and the second			*****	- 12		X
SP3D0	DNAL?							$\mathbf{x}$
	ACE THE LOCK?							X
	ENCE THAT THE WELL							X
	ING POINT VISIBLE?				1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	÷	-	V
WEEE MERIOUR		******						1 4 1
MEASURE WEI	L DEPTH FROM MEASU	IRING POINT (	Feet):				N	A
	TH TO WATER FROM M						. Nr	
	L DIAMETER (Inches):						2	
	MATERIAL:						PVC	Second and
	DITION OF VISIBLE WE						8000	L
ATTACH ID MA	RKER (if well ID is confir	med) and IDEN	TIFY MARKER	TYPE			- N	A
	UNDERGROUND OR O'						N	A
							83	
	ESS TO WELL: (Include a							
	mity to permanent structur		KETCH OF LO	CATION ON E	BACK, IF	NECESSARY	Y.	
easil	y accessib	le						
	8				- X			
	L SETTING (For example,			nd, on pavemen	it, in a gar	den, etc.)		
AND ASSESS T	HE TYPE OF RESTORAT	ION REQUIRE	D.			2	14	- S
00	lardhi in	nide fer	nce					
			0					
	<i>X</i> — <i>x</i>						64	
DENTIEV ANY	NEARBY POTENTIAL S	OURCES OF C	ONTAMINATI	ON IF PRESE	T	×.		
			STATION OF T			- 2		
e.g. Gas station,	1	11.1						
Urole	lying land	fue			42	-		
77. 	~ ~ .	U	8 CL					
EMARKS:	ot 1 .	<b>1</b>	0	1 .			. Incl	and for
* Contr	<u>Closes bert</u>	bent	so ca	nnot 1	QCB.	j India		un fui
			Sketch					

SITE NAME: 5 Chotz Fedual Bearing MONITORING WELL FIELD INSPECTION LOG	SITE ID.: <u>5</u> INSPECTOR: <u>k</u> DATE/TIME: <u>4</u> WEII ID.:
	WEITID.:
	YES N
WELL VISIBLE? (If not, provide directions below)	manan LXL
WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder:Satelites:	
GPS Method (circle) Trimble And/Or Magellan	
	YES N
WELL I.D. VISIBLE?	ires
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	
	YES
SURFACE SEAL PRESENT?	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Le remarket NH
PROTECTIVE CASING IN GOOD CONDITION? (IT damaged, describe below)	PLAI
HEADSPACE READING (ppm) AND INSTRUMENT USED	NA_
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	21 Sti
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASORE FROTECTIVE CASING INSIDE DIAMETER (Indics).	YES
LOCK PRESENT?	
LOCK FUNCTIONAL?	
DID YOU REPLACE THE LOCK?	·
WELL MEASURING POINT VISIBLE?	2
	A10
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	- NA
MEASURE DEPTH TO WATER FROM MEASURING FOUNT (Feet).	211
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	OK - WO
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTIETTES	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, o	overhead
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK,	
OK by foot ; on Steep Slope about 5' for	on fence.
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a g	garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	¥.
edge of woods; step Slope	2 ⁰⁰ 2
6	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	
(e.g. Gas station, salt pile, etc.): M-Sik. Contamination.	
UTT STR. CONTOUTINT BUTCHT.	
EMARKS:	a a conservation
* protective cousing cover was replaced our	
by pec regional -> should determine if it co	n be locked.
Sketch	

SITE NAME: Schatz Federal Boains	SITE ID.:	3	-14-003
MONTRODING WELL FREED INGDECTION LOC	INSPECTO	<u> </u>	al
MONITORING WELL FIELD INSPECTION LOG	DATE/TIM	1E:	122/15
a ^K ter k a ^k	WEII ID.:		28
		YES N	0
WELL VISIBLE? (If not, provide directions below)		×	Ŭ,
WELL COORDINATES? NYTM XNYTM Y		- ~ -	
PDOP Reading from Trimble Pathfinder: Satelites:			
GPS Method (circle) Trimble And/Or Magellan			
		YES N	10
WELL I.D. VISIBLE?		X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	08	X L	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:			
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: Advantageous and the second seco	¥ 03	YES	NO
SURFACE SEAL PRESENT?		TLD .	X
SURFACE SEAL PRESENT? (If cracked, heaved etc., describe below)		A)F	7
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	1	Y	-
I ROTECTITE OF DITION IN COOP CONDITION (IT MANAGEN, ACCINE VALUE) INVITANT		A	
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		2.5	1 Stick V
PROTECTIVE CASING MATERIAL TYPE:		Steel	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):			1
		YES	NO
LOCK PRESENT?		X	
DID YOU REPLACE THE LOCK?	•	X	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):	1	NA	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA	
MEASURE WELL DIAMETER (Inches):	.0	2 m	
WELL CASING MATERIAL:	3	PVC.	
PHYSICAL CONDITION OF VISIBLE WELL CASING	-	SOOD	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		N	
RUXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		1.	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe	ead .		а.
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE	CESSARY.		12
OK-only bes foot			
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.	•	· .	
Stigntly wooded area's about 20' outside of	finio		κ.
- sulfind months march inter an interest			
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
(e.g. Gas station, salt pile, etc.):			
m. Site Landfill			
Union Union Union		1	
		2	
EMARKS:			

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a – E:

e

SITENAME: Schatz foderal Bearing	SITE ID.: INSPECTOR:	<u>3-14-0</u> 03
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEILID:	4/22/15
	-	-31
WELL VISIBLE? (If not, provide directions below)         WELL COORDINATES? NYTM X         NYTM Y         PDOP Reading from Trimble Pathfinder:         GPS Method (circle)         Trimble And/Or	YES	
WELL I.D. VISIBLE?	X X X	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	[ YES	S NO I
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) 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) PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		<u>Lishok</u> up
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?		S NO X X X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA VA VC NA NA
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 NEU Locality accessible, Cleany in Winds j about Ower head primer lines	ad CESSARYp	about 20'
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, AND ASSESS THE TYPE OF RESTORATION REQUIRED. <u>Cleans</u> in woods', down grad wit from landhill abov modury; they thus between much and road	etc.) <u>+ 20' fror</u> Unig	η
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): <u>M-Site Lansfill</u> , about 20' from Madway' <u>Playcling Center accepting Construction + demout</u>	acruss no	vad from
REMARKS:	t. V	
	series denne periode S	

MONITOR	ING WELL FIEL		Beanry ON LOG		ECTOR: E/TIME:	<u>Kal</u> <u>4-22-15</u>
× .			. * [*]	WEll	ID.:	510
	? (If not, provide directions NATES? NYTM X				YES X	S NO
	Reading from Trimble Path fethod (circle) Trim	finder: Sat ble And/Or M			YES	S NO
WELL LOCATIO	BLE? ON MATCH SITE MAP? (	if not, sketch actual l	ocation on back)		$\begin{array}{c} \times \\ \chi \end{array}$	
WELL I.D. AS I	T APPEARS ON PROTEC	FIVE CASING OR V	well: <u>\$10</u>		YES	
SURFACE SEAL	2 PRESENT? 2 COMPETENT? (If cracke CASING IN GOOD CONDI	ed, heaved etc., desci	ribe below)			VA VA
TYPE OF PROT	EADING (ppm) AND INST ECTIVE CASING AND HI ASING MATERIAL TYPI TECTIVE CASING INSID	EIGHT OF STICKU	P IN FEET (If applicable	e)		NA .s. Shee of teel
LOCK PRESENT LOCK FUNCTION DID YOU REPL IS THERE EVID	F? DNAL? ACE THE LOCK? ENCE THAT THE WELL ING POINT VISIBLE?	IS DOUBLE CASEJ	D? (If yes,describe below	,) )		S NO X X X X
MEASURE DEP MEASURE WEL WELL CASING I PHYSICAL CON ATTACH ID MA	L DEPTH FROM MEASU TH TO WATER FROM MI L DIAMETER (Inches): MATERIAL: DITION OF VISIBLE WE RKER (if well ID is confirm UNDERGROUND OR ON	EASURING POINT LL CASING:	(Feet):	WKZ-		$\frac{NA}{2}$
DESCRIBE ACC power lines, proxi	ESS TO WELL: (Include ad imity to permanent structure Clean of In	ccessibility to truck to s, etc.); ADD SKET NOODS	CH OF LOCATION ON	BACK, IF NECESS.	ary. Pawar I	ineg_
	L SETTING (For example, HE TYPE OF RESTORAT		· i ri	eent, in a garden, etc.) MSh betwee	en vil	ll and
DENTIFY ANY (e.g. Gas station, s	NEARBY POTENTIAL S salt pile, etc.): M-Sik	DURCES OF CONT			way	
remarks: ¥PIC	there cap	Las Las	- ull casu	y - Steel i	Protect m	< Casurg

3



Facility Name: Schatz Federal Bearings **Site Location:** Poughkeepsie, New York PHOTOGRAPH LOG

**Project No.** 60299644

Photo No.	Date:	
1	4/22/15	
Description:	Drain	
pipe downgra landfill, on SV landfill.	dient from	
landfill, on SV	V side of	
landfill.		
Photo No.	Date:	
2	4/22/15	When the second s
Description:	Discharge	
from drain pip pond on SW landfill.	pe into	and the second se
pond on SW	side of	
landfill.		
		These shows and the second state of the
		The second se
1		



Facility Name: Schatz Federal Bearings **Site Location:** Poughkeepsie, New York PHOTOGRAPH LOG

**Project No.** 60299644

Photo No.	Date:	
3	4/22/15	
Description: trees tangled fence. NYSD notified, and was cleared.	in site EC was	
Photo No.	Date:	
4 Description: below appare woodchuck b This area will to be monitor seeps, etc.	ent urrow. continue	

### Site-Wide Semi-Annual Inspection Form

12/8/15

#### Schatz Federal Bearing Van Wagner Road Poughkeepsie, New York

# Cap; fence; ditches;

Engineering Control (s): Monitoring Wells Inspection Date:

	4			
Item	Yes	No	N/A	Comments
Does the Engineering Control	1			
continue to perform as designed?	X			
Does the Engineering Control	1		х. 	
continue to protect human health and	X			
the environment?	<u> </u>	<u> </u>		
Does the Engineering Control comply with requirements	1			
established in the SMP?	X			
Has remedial performance criteria been achieved or maintained?	X			Mooitra a human 16 an 11-
		L	<u> </u>	initially wells every 15 months.
Has sampling and analysis of appropriate media been performed				Not during this inspection
during the monitoring event?		X		Not duo a the record
Have there been any modifications		<u> </u>		we woning inspection
made to the remedial or monitoring				
system?		X		
Does the remedial or monitoring				
system need to be changed or altered		X		
at this time?		/ ·		
Has there been any intrusive activity,				
excavation, or construction occurred at the site?		X		
Were the activities mentioned above,				
performed in accordance with the	×.			
SMP?	X			
Was there a change in the use of the				
site or were there new structures		1		
constructed on the site?		X		
In case a new occupied structure is				
constructed or the use of the current				
building changed, was a vapor			X	
intrusion evaluation done?				
Were new mitigation systems			1	
installed based on monitoring results?			X	
Were the groundwater wells in the				See attached were inspection 10gs.
monitoring network inspected during	. /			
this site inspection? If so, were the	X			
Monitoring Well Field Inspection Logs Completed?	Ŭ,			
Logs Completed?				

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

Name of Inspector:	Keny LUTIE	Signature of Inspector:	Kuy	Aurie.
Inspector's Company:	AECOM	Date:	U U	12/8/15

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

	SITE ID.:	3-14-00
MONITORING WELL FIELD INSPECTION LOG	INSPECT	1 clatic
	WEll ID.:	<u>_B-1</u>
		YES 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		YES NO
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		X
R)		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		VER NO
SURFACE SEAL PRESENT?		YES NO
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		X
PROTECTIVE CASING IN GOOD CONDITION (In dailaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		4' ASER
		Stell
PROTECTIVE CASING MATERIAL TYPE:		
		YES NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA
MEASURE WELL DIAMETER (Inches):		NILIN
WELL CASING MATERIAL:		Steel
PHYSICAL CONDITION OF VISIBLE WELL CASING:		Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
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 NEC	ESSART.	•
inside tence on landfill - easily accessible		
<u> </u>		
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.		
See above		
		8 ¹⁰
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		÷.
(e.g. Gas station, salt pile, etc.):		
REMARKS:		

έ.

SITE NAME: SChatz Federal Beaning	SITE ID.: INSPECTOR:	3-14-003 KAL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	<u> 2 8  5</u> _ <u>B2</u>
WELL VISIBLE? (If not, provide directions below)	YES	NO
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan	YES	NO
WELL I.D. VISIBLE?	to SIDIATA	B2 and S2 on
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	- but they ar	e labeled and
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	NA tach
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):	21 Sto	
LOCK PRESENT?	X	NO       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	tal Stee	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhapower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE <u>leapy</u> by toot' may be difficult and Ngure Volicity	cead CESSARY.	g for
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		2 
REMARKS:	+ + + + + + + + + + + + + + + +	

		0
SITE NAME: SChatz Federal	SITE ID.:	3-14-003
MONITODING WELL FIFLD INODECTION LOC	INSPECTOR:	KAL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	12/8/15
	WEITD.,	-0-2
	YE	S NO
WELL VISIBLE? (If not, provide directions below)	🗳	<li>L</li>
WELL COORDINATES? NYTM XNYTM Y		$\mathbf{\tilde{k}}$
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan		
GPS Method (circle) Thillole Allocol Magenan	YE	S NO
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:		
SURFACE SEAL PRESENT?		K
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	æ	
HEADSPACE READING (ppm) AND INSTRUMENT USED	- Cİ	MT
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	S	ICK UP a.S
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	<u> </u>	<u>e</u> .
	YI	ES NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		~ ^
WELL MEASURING POINT VISIBLE!	ļ	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		JA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	<u> </u>	IA
MEASURE WELL DIAMETER (Inches):		4" 16 10 1 00 0
WELL CASING MATERIAL:	-51	C/Star Orp
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		AA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	- M	JA
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overher	ead	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE	CESSARY.	
Inside Ferce, Cleaning - on Landhill		
8		
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.	.,	
Cleance arothu - grassy area	ac 8	
Clearly bording of a set		-
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pilę, etc.):		ан на селото на селот
SIR Contaminant		
REMARKS:		
		-

SITE NAME: SC/VC-FZ MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME:	3-14-003 KAL 12/8/15
	WEll ID.:	<u>B4</u>
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites:	YES	5 NO
GPS Method (circle) Trimble And/Or Magellan	YES	
WELL I.D. VISIBLE?		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YES	5 NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	×	MA
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):	2.5	NA roler
LOCK PRESENT?		S NO
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		VA VA 4 2002 7 ~ 50
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 NI Small Clany in Woods	aead ECESSARY.	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garder AND ASSESS THE TYPE OF RESTORATION REQUIRED. Some trees [Canoper Ownlead]	n, etc.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): Site Contampouts 1 Moduloy		
REMARKS:		

SITE NAME: SCHOLTZ	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEll ID.:	12/8/15 135
	YE	S NO
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	YE	S NO
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:	YE	S NO
SURFACE SEAL PRESENT?	I E	
SURFACE SEAL PRESENT?		AR
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED	Λ	JA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2.	5' riser
PROTECTIVE CASING MATERIAL TYPE:	81	eel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
	YE	
LOCK PRESENT?	X	
LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK?		
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		x
WELL MEASURING POINT VISIBLE?		×
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	r	VA
MEASURE WELL DIAMETER (Inches):	<u> </u>	<u>,                                    </u>
WELL CASING MATERIAL:	<u> </u>	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	_6	<u>cock</u>
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		
PROXIMITY TO UNDERGROUND OR OVERHEAD OTILITIES		1014
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ove power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF		
Steep Slope - against tince, accessible	by 4001	
	0 0	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	den, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
Slop, grassing		
· · · · · · · · · · · · · · · · · · ·		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
Sik contaminante	3	

SITE NAME: SCHatz		_SITE ID.:	3-14-00
MONITORING WELL FIELD INSPECTION LOG		INSPECTOR: DATE/TIME: WEII ID.:	12/8/15 
WELL VISIBLE? (If not, provide directions below)			S NO
GPS Method (circle) Trimble And/Or Magellan		YE	5 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:	<u>S. </u>	YE	S NO
SURFACE SEAL PRESENT?			
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below		X	NA
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If a PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	pplicable)	4	IA Inser Leel
LOCK PRESENT? - MAIDE LOCKED FENCE - USING LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, descri WELL MEASURING POINT VISIBLE?	Zip fres be below)		S NO X X X X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): VELL CASING MATERIAL: HYSICAL CONDITION OF VISIBLE WELL CASING: MARKER (if well ID is confirmed) and IDENTIFY MARKER TY ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.	 PE		VA VA PVC GOOX
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, nat ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCAT			
ESCRIBE WELL SETTING (For example, located in a field, in a playground, o ND ASSESS THE TYPE OF RESTORATION REQUIRED. MCCASADL – LOSUY	n pavement, in a garden,		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, 1 e.g. Gas station, salt pile, etc.):	IF PRESENT	1 2	
m-site Contampart			
	N.	-	
EMARKS:		··· <u></u>	
	and the second		<u> </u>
Sketch	·····		

SITE NAME: Schatz	SITE ID.:	3-14-003
	INSPECTOR:	Kal
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	17/8/15
	WEII ID.:	5-2
	YI	ES NO
WELL VISIBLE? (If not, provide directions below)	D	
WELL COORDINATES? NYTM XNYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	P	
	YI	
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		<
	45 - A	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YI	ES NO
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		X
		1 Det
HEADSPACE READING (ppm) AND INSTRUMENT USED		NFI
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:		LI Iser
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		tel
MEASORE FROTECTIVE CASING INSIDE DIAMETER (Incres):	Y	
LOCK PRESENT?		X NO
LOCK FUNCTIONAL?		X
DID YOU REPLACE THE LOCK?		
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		NA
MEASURE WELL DIAMETER (Inches):		14 211
WELL CASING MATERIAL:		DIC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	- [-	2000
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		VA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	1	VA
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		
Maybe difficult for nes what Clearing	trus -	othenwise
Ceasily accesseble		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde	en, etc.)	11 - 11 - 11 - 12 - 12 - 12 - 12 - 12 -
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
Cleant in woods		
- adding in would		
0		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	8	2
(e.g. Gas station, salt pile, etc.):		
Ste Contanunaura		
		4
REMARKS:		
· ·		

SITE NAME: S Chartz	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME:	12/8/15
	WEll ID.:	
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?	YE	S 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:	YE	S NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	NA
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):		NA Steep
LOCK PRESENT?	YE	x x
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches):	 	MA J"
PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	4	MA MA
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	NECESSARY.	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gam AND ASSESS THE TYPE OF RESTORATION REQUIRED.		ŭ.
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):	20 P	
Site Containpoints		
REMARKS:		

SITE NAME: Shart Z	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	12/8/15 54
	YE	S NO
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		1
GPS Method (circle) Trimble And/Or Magellan		
	YE	S NO
WELL I.D. VISIBLE?	×	
	$\Box \alpha$	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	Γ ΥE	S NO
SURFACE SEAL PRESENT?		×
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	1	MA
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	31	aser
PROTECTIVE CASING MATERIAL TYPE:	St	ee j
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	
LOCK PRESENT?		S NO
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
WELL MEASURING FOINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	A	14
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	0	JA
MEASURE WELL DIAMETER (Inches):		n
PHYSICAL CONDITION OF VISIBLE WELL CASING;		extra 2
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N	A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, or power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF		2
Inside force - Maler		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gas AND ASSESS THE TYPE OF RESTORATION REQUIRED.	rden, etc.)	
	2	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.):		
Site Contaminents		
EMARKS:		-

SITE NAME:	Schatz	SITE ID.:	3-14-003
MONITORING	WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	12/8/15 55/
WELL VISIBLE? (If not	t, provide directions below)	YES	NO
WELL COORDINATES	?? NYTM X NYTM Y		
PDOP Reading	g from Trimble Pathfinder: Satelites:		
GPS Method (			
		YES	NO
	***************************************		
WELL LOCATION MA	TCH SITE MAP? (if not, sketch actual location on back)		
WELL I.D. AS IT APPE.	ARS ON PROTECTIVE CASING OR WELL:	YES	NO
SURFACE SEAL PRESE	ENT?		X
	PETENT? (If cracked, heaved etc., describe below)	γ	VA
	IN GOOD CONDITION? (If damaged, describe below)		K
HEADSPACE READING	G (ppm) AND INSTRUMENT USED		IA
	E CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	······································	2151 riser
	MATERIAL TYPE:		eef
MEASURE PROTECTIV	/E CASING INSIDE DIAMETER (Inches):		1
		YES	
			X
	IE LOCK?		X
	THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		
	DINT VISIBLE?		X
	TH FROM MEASURING POINT (Feet):		NA
	WATER FROM MEASURING POINT (Feet):		VA
	/ETER (Inches):		
	OF VISIBLE WELL CASING:	·····	3000
	if well ID is confirmed) and IDENTIFY MARKER TYPE RGROUND OR OVERHEAD UTILITIES		NH
	CROUND OR OVERHEAD OTHETTES		M-
	WELL: (Include accessibility to truck mounted rig, natural obstruction permanent structures, etc.); ADD SKETCH OF LOCATION ON BA		
	ING (For example, located in a field, in a playground, on pavement, i E OF RESTORATION REQUIRED.	in a garden, etc.)	
	arl		
		<u>,</u>	
DENTIFY ANY NEARB	Y POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		13 IS
e.g. Gas station, salt pile,	•		
	A Los A		
	Caller Caller and		
EMARKS: Cashe ICE	over bent but will close		
0			
L	01 1		

SITE NAME: SChatz	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	Kal 12/8/15 57
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites:	YE	S NO
GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE?		S NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	NO X MP
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):		MA Steel riser
LOCK PRESENT? <u>bring lock next Sik Visit</u> LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK? IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE?		S NO X X X X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA VA PVC Dod NA NA
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 CLOSE TO FEACE Steep Stope		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden AND ASSESS THE TYPE OF RESTORATION REQUIRED. Stope , against to wooded and	ı, etc.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): Site Contamiration	5	
REMARKS:		
Sketch	·····	

SITE NAME:	Shat	2		SITE ID.:	3-14-003
MONITORING W	ELL FIELD I	NSPECTION I	.0G	INSPECTOR: DATE/TIME:	121915
				WEII ID.:	5-8410
WELL VISIBLE? (If not, pr	rovide directions below	w)			ES NO
WELL COORDINATES? N					
	om Trimble Pathfinder				
GPS Method (circ		And/Or Magellan		[Y	ES NO
WELL I.D. VISIBLE?		*******			X
WELL LOCATION MATCH	H SITE MAP? (if not,	sketch actual location	on back)		X
WELL I.D. AS IT APPEAR	CONDROTTOT		00-		
WELLID. AS IT APPEAK	SUNPROTECTIVE	CASING OK WELL:	······	L X	ES NO
SURFACE SEAL PRESENT	Г?				X
SURFACE SEAL COMPET	ENT? (If cracked, he	aved etc., describe bel	ow)		NA
PROTECTIVE CASING IN	GOOD CONDITION	? (If damaged, describ	be below)	0	
HEADSPACE READING (p	opm) AND INSTRUM	IENT USED		A	AC
TYPE OF PROTECTIVE C/	ASING AND HEIGH	T OF STICKUP IN FI	EET (If applicable)	2	Stel riser
PROTECTIVE CASING MA	ATERIAL TYPE:		7 T W		
MEASURE PROTECTIVE (	CASING INSIDE DIA	METER (Inches):		E v	
LOCK PRESENT?					ES NO
LOCK FUNCTIONAL?					
DID YOU REPLACE THE L				-	K
IS THERE EVIDENCE THA					X
WELL MEASURING POIN	T VISIBLE?	•••••		·	λ
MEASURE WELL DEPTH I	FROM MEASURING	POINT (Feet):			NA
MEASURE DEPTH TO WA					NA
MEASURE WELL DIAMET				-9	11
WELL CASING MATERIAL					PVC
PHYSICAL CONDITION OF ATTACH ID MARKER (if w				6	Scalara
PROXIMITY TO UNDERGE					NA
DESCRIBE ACCESS TO WE					
power lines, proximity to perm	The second se	pt - not	LOCATION ON BACK, I		0.00
	ens wet		a variae	- Wooded	area
	perg mer	(m) (1)			
DESCRIBE WELL SETTING	G (For example, locate	d in a field, in a playg	round, on pavement, in a g	arden, etc.)	
AND ASSESS THE TYPE O	F RESTORATION R	EQUIRED.			
See	apare			1	
DENTIFY ANY NEARBY P		ES OF CONTAMINA	ATION, IF PRESENT	2 	*** ***
(e.g. Gas station, salt pile, etc.	.): 0'.\.	0.1.00	1		
	SIR	Contami	ranon		
REMARKS:					
·					

SITE NAME: Schart?	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	12 8 15
WELL VISIBLE? (If not, provide directions below)	¥	
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan	YE	S NO
WELL I.D. VISIBLE?		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	S NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		ALA
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	.2.19	NA
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
LOCK PRESENT?		
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	3	VA I DVC
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	S.	200/ A high- 25'
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over	icad	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde AND ASSESS THE TYPE OF RESTORATION REQUIRED.	n, etc.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		
REMARKS:		
Sketch		

×

SITE NAME: SCHOLTE	SITE ID.:	3-14-003
	INSPECTOR:	RAL
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	12-8-15
	WEll ID.:	SID
		ES NO
WELL VISIBLE? (If not, provide directions below)		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
Gr 3 Method (chele) Thinoic Alloci Magenan	Y	ES NO
WELL I.D. VISIBLE?		
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		1
	L	× · · · · · · · ·
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	Y	ES NO
SURFACE SEAL PRESENT?		$\checkmark$
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		x
		. 1
HEADSPACE READING (ppm) AND INSTRUMENT USED		NA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2.	5 'Stulpser
PROTECTIVE CASING MATERIAL TYPE:	-	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	<b></b>	
	Y	ES NO
LOCK PRESENT?		X
LOCK FUNCTIONAL?	···.	X
DID YOU REPLACE THE LOCK?		×
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		×
WELL MEASURING POINT VISIBLE?	-	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		JA
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		nIA
MEASURE WELL DIAMETER (Inches):		N N
WELL CASING MATERIAL:		PVC.
PHYSICAL CONDITION OF VISIBLE WELL CASING:	(-	200 d
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		201
	10 Million and a	
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	ECESSARY.	
Cleanstin Woods- overhead lines rear	by	
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.		
Rep above	· · ·	
		1
		ð
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		5. DS
Renduccu + Site Contaminants		
Kerning CINMINIONS	······································	
REMARKS:		



Facility Name: Schatz Federal Bearings Site Location: Poughkeepsie, New York PHOTOGRAPH LOG

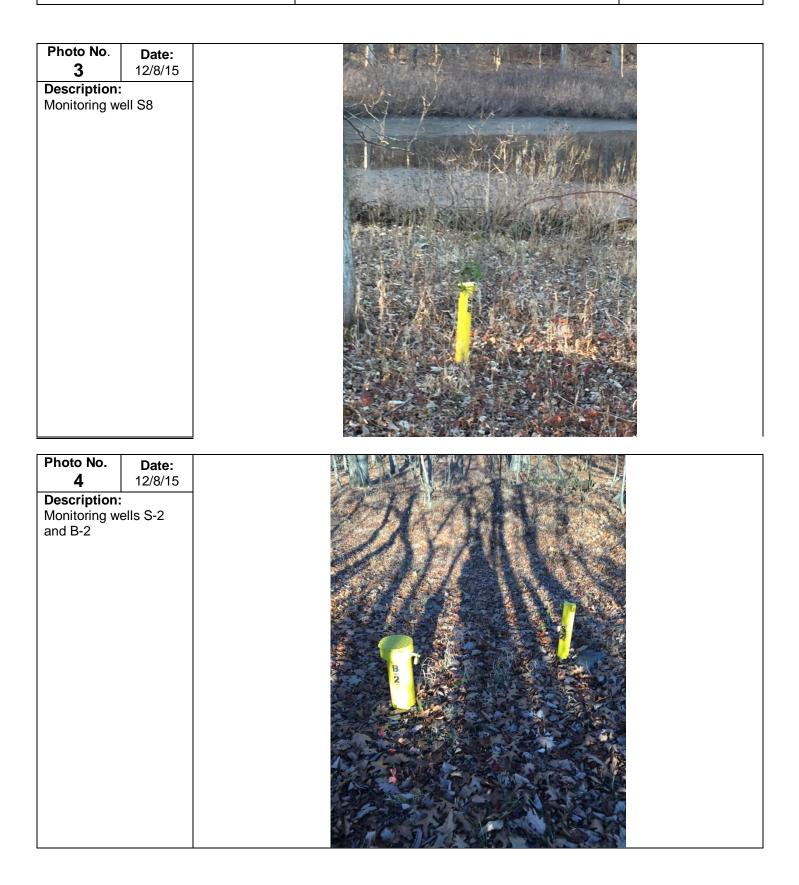
**Project No.** 60299644





## PHOTOGRAPH LOG

Facility Name: Schatz Federal Bearings **Site Location:** Poughkeepsie, New York **Project No.** 60299644



### Site-Wide Semi-Annual Inspection Form

				eral Bearing
Monitorine mells fence, pennieter ditco				ner Road e, New York
fence. Dennoter ditco	es		5 1	· · · · · · · · · · · · · · · · · · ·
Engineering Control (s):		_	Inspecti	on Date:3 25/16
Item	Yes	No	N/A	Comments
Does the Engineering Control continue to perform as designed?	X			
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?	X	-		Sample wells every 15 Months
Has sampling and analysis of appropriate media been performed during the monitoring event?	χ			
Have there been any modifications made to the remedial or monitoring system?		X		
Does the remedial or monitoring system need to be changed or altered at this time?		X		
Has there been any intrusive activity, excavation, or construction occurred at the site?		X		
Were the activities mentioned above, performed in accordance with the SMP?	X			
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		
Were new mitigation systems installed based on monitoring results?		X		
Were the groundwater wells in the monitoring network inspected during this site inspection? If so, were the Monitoring Well Field Inspection Logs Completed?	K			See attached Will Inspection 1095

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

Name of Inspector:	Kelly LUTE	Signature of Inspector:	Kelly	Luin	_,
Inspector's Company:	AECOM	Date:	-0	3/25	776
		· · · · · · · · · · · · · · · · · · ·		/	

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

SITE NAME: Schatz Federal Blaing	SITE ID.:	3-14-003
J MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEll ID.:	<u>Kol</u> 3125/16 3-1
	YES	NO
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?	YES	NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		
WELL LOCATION MATCH STIE MAP? (II not, sketch actual location on back)	L <u>X</u>	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: <u>3</u>	YES	NO
SURFACE SEAL PRESENT?	120	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	JA
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	-4	1 mser
PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
LOCK PRESENT?	YES X X	NO
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		$\frac{1}{x}$
WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	_N	A
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		
MEASURE WELL DIAMETER (Inches):	-4	2100
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Ga	Ster
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	0	AA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NA
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhea power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NEC	ESSARY.	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		· · ·

SITE NAME: SCHOTZ	SITE ID.: INSPECTOR:	3-14-0 tao
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEll ID.:	3/25/10
	YE	S NO
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM X NYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
VELL I.D. VISIBLE?	YE	S NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	·····	*
DO	4	
VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: $B2$		
URFACE SEAL PRESENT?	YE	S NO
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		NA
ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	/	
		JA
IEADSPACE READING (ppm) AND INSTRUMENT USED YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		Steel nsei
ROTECTIVE CASING AND HEIGHT OF STICKOP IN FEET (IT applicable)	-2	Steel river
IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		=
	YE	S NO
OCK PRESENT? OCK FUNCTIONAL?	L_X	
ID YOU REPLACE THE LOCK?		X
5 THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
/ELL MEASURING POINT VISIBLE?		×
EASURE WELL DEPTH FROM MEASURING POINT (Feet):	Ν.	A
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	<u> </u>	1A
EASURE WELL DIAMETER (Inches):	2	/ 1
'ELL CASING MATERIAL:		Sterly_
HYSICAL CONDITION OF VISIBLE WELL CASING:		9080
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	1	IA
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ove		
wer lines, proximity to permanent structures, etc.); ADD SKETCAOF LOCATION ON BACK, IF I	NECESSARY.	Woods-
easily accessible by fost - Clear a	area in	voouus
Owning of		. ' <u>aris infirmative</u>
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	len, etc.)	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.		
See about		
ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	15 N	8. 
g. Gas station, salt pile, etc.):		
MARKS:		

SITE NAME: SOLUTZ	SITE ID.: INSPECTOR:	Kal ,
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEll ID.:	3/25/1
•	weinid.:	3
VELL VISIBLE? (If not, provide directions below)	YES	<u>s</u> no
VELL COORDINATES? NYTM XNYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
VELL I.D. VISIBLE?	YES	S NO
VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		
ELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	2	
	YES	5 NO
URFACE SEAL PRESENT?		Y
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		MA
ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
EADSPACE READING (ppm) AND INSTRUMENT USED		NA
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	2.5	SIASIC
ROTECTIVE CASING MATERIAL TYPE:	5	821
EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
OCK PRESENT?	YES	<u>s</u> NO
OCK FUNCTIONAL?		
ID YOU REPLACE THE LOCK?		X
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
ELL MEASURING POINT VISIBLE?	X	
EASURE WELL DEPTH FROM MEASURING POINT (Feet):	-A / 1	4
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	-107	À
EASURE WELL DIAMETER (Inches):	<u> </u>	411 1
ELL CASING MATERIAL:	S	eor Cap/P
IYSICAL CONDITION OF VISIBLE WELL CASING:	G	000
TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		n 1A
OXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	A	NA-
SCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe	ead	
wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE		
gront-eneur-inside fince		
- Jun May - moun		
· · · · · · · · · · · · · · · · · · ·		
SCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden	, etc.)	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.		
on land till		
		******

SITE NAME: SCIQTZ	SITE ID.: 3-14-00
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: KOR DATE/TIME: B/25//6 WEII ID.: B-4
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites:	YES NO
GPS Method (circle) Trimble And/Or Magellan	YES NO
WELL I.D. VISIBLE?	X
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YES NO
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) 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) PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	WA a.s. skel
LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK?	× ×
WELL MEASURING POINT VISIBLE? MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	NA NA Yi
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK,	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a AND ASSESS THE TYPE OF RESTORATION REQUIRED.	garden, etc.)
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT e.g. Gas station, salt pile, etc.):	
EMARKS:	

SITE NAME: SCHOLTZ MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME: WEII ID.:	3-14-003 Kal 3/25/10 B5
WELL VISIBLE? (If not, provide directions below)	YE:	S NO
PDOP Reading from Trimble Pathfinder: Satelites: GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	YES	S NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	<u> </u>	
SURFACE SEAL PRESENT?	YES	S NO
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	×	NA
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:		
PROTECTIVE CASING MATERIAL TYPE:	YES	5 NO
LOCK PRESENT? LOCK FUNCTIONAL? DID YOU REPLACE THE LOCK?	X	x
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		NA_
MEASURE WELL DIAMETER (Inches):	411	PIC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	_9	NA
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over power lines, proximity to permanent structures, etc.); ADD SKETCH OFLOCATION ON BACK, IF N CLOCATION THE FUNCE - OUTSIDE - STEPS DEPO		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard AND ASSESS THE TYPE OF RESTORATION REQUIRED.	en, etc.)	антиниция и слов Соловина (1996) на противани — Пала на противани (1996)
See abare		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		· ·
EMARKS:		1000

MONITORING WELL FIELD INSPECTION LOG       DATE/TIME:       Image: Construct of the state of the st	SITE NAME: SCHOLZ	SITE ID.: INSPECTOR:	3-14-1 Koil
WELL VISIBLE? (If nat, provide directions below)       INTIM Y         PDOP Reading from Trimble Pathfinder:       Satelites:         GPS Meliod (circle)       Trimble Pathfinder:         Satelites:       GPS Meliod (circle)         WELL 1D. VISIBLE?       Image: Satelites:         WELL 1D. VISIBLE?       Image: Satelites:         WELL 1D. VISIBLE?       Image: Satelites:         WELL 1D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       Image: Satelites:         SURFACE SEAL PRESENT?       Image: Satelites:         SURFACE SEAL COMPETENT?       Image: Satelites:         WELL 1D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       Image: Satelites:         SURFACE SEAL OWNERTENT?       Image: Satelites:         WELL COMPETENT?       Image: Satelites:         WILL COMPTENT?       Image: Satelites:         WELC CASING MATERIAL TYPE:       Image: Satelites:         OCK PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       Image: Satelites:         OCK PROTECTIVE CASING INSIDE DIAMETER (Inches):       Image: Satelites:         OCK PROSENT?       Image: Satelites:       Image: Satelites:         IP YOU RELACE THE LOCK?       Image: Satelites:       Image: Satelites:         IP YOU RELACE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       Image: Satelites:       Image: Satel	MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	3/25
WELL COORDINATESY NYTH XNYTH Y			S NO
PDOP Reading from Trimble Pathfinder:       Salelites:         GPS Method (circle)       Trimble And/Or Magellan         WELL LD. VISIBLE?       WELL LOCKTON MATCH SITE MAP? (if not, sketch actual location on back).         WELL LO.AS IT APPEARS ON PROTECTIVE CASING OR WELL:       VES         SURFACE SEAL COMPETENT?       VES         URFACE SEAL COMPETENT?       VES         URFACE SEAL COMPETENT?       VES         URFACE SEAL COMPETENT?       VES         WURACE SEAL COMPETENT?       VES         URFACE SEAL COMPETENT?       VES         WURACE SEAL COMPETENT?       VES         WURACE SEAL COMPETENT?       VES         WELL DOCK CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       VES         YPE OF PROTECTIVE CASING NAND HEIGHT OF STICKUP IN FFET (If applicable)       VES         YES MO       VES         OCK FUNCTIONAL?       VES         DOCK PRESENT?       VES         VELL MARTER ALL TYPE       VES         VELL MARSURING POINT VISIBLE?       VES         IFASURE WELL DENTH FROM MEASURING POINT (Feet):       VES         VELL CASING MATER ROM MEASURING POINT (Feet):       VA         LEASURE WELL DIAMETER (Inches):       VES         VELL CASING MATER ROM MEASURING POINT (Feet):       VA	WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM X		
VELL I.D. VISIBLE?       YES NO         VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	PDOP Reading from Trimble Pathfinder: Satelites:	,	
VELL I.D. VISIBLE?       VELL LOCATION MATCH SITE MAP? (if not, skeich actual location on back).         VELL LOCATION MATCH SITE MAP? (if not, skeich actual location on back).       VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:         URFACE SEAL COMPETENT?       Velt of the state of the	GPS Method (circle) Trimble And/Or Magellan		S NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	VELL I.D. VISIBLE?		5 140
WIRFACE SEAL PRESENT?       YES NO         WIRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		À	
URFACE SEAL PRESENT?       Image: Constraint of the second s	VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	<u></u>	
UURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       Imaged, describe below)         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       Imaged, describe below)         IEADSPACE READING (ppm) AND INSTRUMENT USED.       Imaged, describe below)         YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       Imaged, describe below)         ROTECTIVE CASING MATERIAL TYPE:       Imaged, describe below)         IEADSPACE READING (ppm) AND INSTRUMENT USED.       Imaged, describe below)         OCK PRESENT?       Imaged, describe below)         ID YOU REPLACE THE LOCK?       Imaged, describe below)         FILERASURE VELL DEPTH FROM MEASURING POINT (Feet):       Imaged, describe below)         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       Imaged, describe below)         IEASURE WELL DAPTH FROM MEASURING POINT (Feet):       Imaged, describe below)         IEASURE WELL DAPTH FROM MEASURING POINT (Feet):       Imaged, describe below)         IEASURE WELL DAMETER (Inches):       Imaged, describe below)         IEASURE WELL DAWETER (Inches):       Imaged, describe below)         ITTACH ID MARKER (If well ID is confirmed) and IDENTIFY MARKER		YE	S NO
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       Image: Constraint of the c			ANA
HEADSPACE READING (ppm) AND INSTRUMENT USED			W/H
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)   'ROTECTIVE CASING MATERIAL TYPE:   'REASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):   'AEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):   OCK PRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK PRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   'D'S', 'AL, 'L'A'CA   'Y'ES', 'N'O'   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   'N'EL CASING MATERIAL'   'H'SSICAL CONDITION OF VISIBLE WELL CASING:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF VISIBLE WELL CASING:   'H'SSICAL CONDITION OF OF OPORTITIAL SOURCES OF CONTAMINATION, IF PRESENT	KOTECTIVE CASHIO IN OCOD CONDITION? (II damaged, describe below)		
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)   'ROTECTIVE CASING MATERIAL TYPE:   'REASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):   'AEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):   OCK PRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK PRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FRESENT?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   'D'S', 'AL, 'L'A'CA   'Y'ES', 'N'O'   'D'S', 'AL, 'L'A'CA   OCK FUNCTIONAL?   'D'S', 'AL, 'L'A'CA   'N'EL CASING MATERIAL'   'H'SSICAL CONDITION OF VISIBLE WELL CASING:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF OF OPORTITIAL:   'H'SSICAL CONDITION OF VISIBLE WELL CASING:   'H'SSICAL CONDITION OF OF OPORTITIAL SOURCES OF CONTAMINATION, IF PRESENT	LEADSPACE READING (ppm) AND INSTRUMENT USED	٨	JA .
ROTECTIVE CASING MATERIAL TYPE:	TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		41 Steol r
OCK PRESENT?       INS. du. furce         OCK PUNCTIONAL?       INS. du. furce         ND YOU REPLACE THE LOCK?       INS. du. furce         S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       INS. du. furce         VELL MEASURING POINT VISIBLE?       INA         HEASURE WELL DEPTH FROM MEASURING POINT (Feet):       INA         HEASURE WELL DAMETER (Inches):       INA         VELL CASING MATERIAL:       INA         HYSICAL CONDITION OF VISIBLE WELL CASING:       INA         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       INA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       INA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       INA         Were lines, proximity to permanent structures, etc.); ADD SKETCH OF INDCATION ON BACK, IF NECESSARY.       INA         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.         Star A       INA       INA         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	ROTECTIVE CASING MATERIAL TYPE:		1
OCK PRESENT?       INS. du. Hcf.Q.         OCK PUNCTIONAL?       Ins. du. Hcf.Q.         OCK PUNCTIONAL?       Ins. du. Hcf.Q.         DO YOU REPLACE THE LOCK?       Ins. du. Hcf.Q.         ST THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       Ins. du. Hcf.Q.         VELL MEASURING POINT VISIBLE?       Ins. du. Hcf.Q.         MEASURE WELL DEPTH FROM MEASURING POINT (Feet):       Ins. du. Hcf.Q.         MEASURE WELL DIAMETER (Inches):       Ins. du. Hcf.Q.         MEASURE WELL DIAMETER (Inches):       Ins. du. Hcf.Q.         MEASURE WELL CASING MATERIAL:       Ins. du. Hcf.Q.         HYSICAL CONDITION OF VISIBLE WELL CASING:       Ind. du. Hcf.Q.         TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       Ind. du. Hcf.Q.         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       Ind. du. Hcf.Q.         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       Ind. du. Hcf.Q.         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       Ind. du. Hcf.Q.         Were lines, proximity to permanent structures, etc.); ADD SKETCH OF I/OCATION ON BACK, IF NECESSARY.       Ind. du. Hcf.Q.         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.         EXA A       Ins. du. Hcf.Q.       Ins. du	AEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	S NO
OCK FUNCTIONAL?       Image: Comparison of the comparison of t	OCK PRESENT? TINS De Herce		the second se
ND YOU REPLACE THE LOCK?   S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)   VELL MEASURING POINT VISIBLE?   IEASURE WELL DEPTH FROM MEASURING POINT (Feet): IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): IEASURE WELL DIAMETER (Inches): IEASURE WELL DIAMETER (Inches): IEASURE WELL CONDITION OF VISIBLE WELL CASING: TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE. ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES. ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead over lines, proximity to permanent structures, etc.); ADD SKETCH OF I/OCATION ON BACK, IF NECESSARY. Secribe Well SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) ND ASSESS THE TYPE OF RESTORATION REQUIRED. ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	OCK FUNCTIONAL?		x
VELL MEASURING POINT VISIBLE?       VA         MEASURE WELL DEPTH FROM MEASURING POINT (Feet):       VA         MEASURE WELL DIAMETER (Inches):       VA         MEASURE WELL DIAMETER (Inches):       VA         VELL CASING MATERIAL:       PVC         HYSICAL CONDITION OF VISIBLE WELL CASING:       PVC         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       WH         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES       WH         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       WH         Were lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       VA         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.         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT       ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       IVA         IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       IVA         IEASURE WELL DIAMETER (Inches):       IVA         IEASURE WELL DIAMETER (Inches):       IVA         IEASURE WELL DIAMETER (Inches):       IVA         IFEL CASING MATERIAL:       IVA         HYSICAL CONDITION OF VISIBLE WELL CASING:       IVA         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       IVA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       IVA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       IVA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       IVA         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF INDCATION ON BACK, IF NECESSARY.       IVA         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.         EXAMPLE       IVA       IVA       IVA         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT       IVA			×
IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       UA         IEASURE WELL DIAMETER (Inches):       PVC         VELL CASING MATERIAL:       PVC         HYSICAL CONDITION OF VISIBLE WELL CASING:       PVC         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       WAT         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES       IVA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       IVA         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF INDCATION ON BACK, IF NECESSARY.       IVA         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.         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT       IVA	VELL MEASURING POINT VISIBLE?		X
IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       UA         IEASURE WELL DIAMETER (Inches):       PVC         VELL CASING MATERIAL:       PVC         HYSICAL CONDITION OF VISIBLE WELL CASING:       PVC         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       WAT         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES       IVA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       IVA         ower lines, proximity to permanent structures, etc.); ADD SKETCH OF INDCATION ON BACK, IF NECESSARY.       IVA         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.         ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT       IVA	AFASURE WELL DEDTH EDOM MEASURING BOINT (Foot)	1	IA
IEASURE WELL DIAMETER (Inches):       Image: Constant of the second			DA
YELL CASING MATERIAL:       PVC         HYSICAL CONDITION OF VISIBLE WELL CASING:       WH         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       WH         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       MH         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead over Jines, proximity to permanent structures, etc.); ADD SKETCH OF IOCATION ON BACK, IF NECESSARY.       MH         Securities       POL VIOLS       NAPE CHAMANATION, ON BACK, IF NECESSARY.         Securities       POL VIOLS       NAPE CHAMANATION, if present			$\overline{\gamma}$
HYSICAL CONDITION OF VISIBLE WELL CASING:   TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE   ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES   ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead over lines, proximity to permanent structures, etc.); ADD SKETCH OF IDOCATION ON BACK, IF NECESSARY.    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.    ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			PVC
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			90001
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. POUNDS MPECTOR 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. AA ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		W
e prevention of the second dependence of the s	ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	/	MA-
e prevention of the second dependence of the s	ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig natural obstructions, overh	ead	
See PREVIOUS INPECTION FOR 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. SAA ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
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.			
ND ASSESS THE TYPE OF RESTORATION REQUIRED.			
ND ASSESS THE TYPE OF RESTORATION REQUIRED.			
ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		, etc.)	
	ND ASSESS THE TYPE OF RESTORATION REQUIRED.		
		<u></u>	
	DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION. IF PRESENT	e	
<i>x</i>			
	MARKS:		10 M 20 M

MONITORING WELL FIELD INSPECTION LOG       INSPECTOR:       Kall         MONITORING WELL FIELD INSPECTION LOG       DATE/TIME:       3/25         WELL VISIBLE? (If not, provide directions below)       WELL CORDINATES? NYTM X       NYTM Y         PDOP Reading from Trimble Pathfunder:       Satelites:       GPS Method (circle)       Trimble And/Or Magelan         WELL LOCKTION MATCH SITE MAP? (If not, sketch actual location on back)       X       X         WELL LOCKTION MATCH SITE MAP? (If not, sketch actual location on back)       X       X         WELL LOCKTION MATCH SITE MAP? (If not, sketch actual location on back)       X       X         WELL LOCKTON MATCH SITE MAP? (If not, sketch actual location on back)       X       X         WELL LOCKTON MATCH SITE MAP? (If not, sketch actual location on back)       X       X         WELL LOCKTON MATCH SITE MAP? (If not, sketch actual location on back)       X       X         SURFACE SEAL PRESENT?       YES NO       X       X         SURFACE SEAL PRESENT?       YES NO       X       X         LOCK PRESENT?       YES NO       X       X       X         LOCK PRESENT?       YES NO       X       X       X         LOCK PRESENT?       YES NO       X       X       X         LOCK PRESENT?       YES NO       <	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:	DATE/TI WEII ID.	IME: : YES		5
WELL VISIBLE? (If not, provide directions below)       NYTM Y         PDOP Reading from Trimble Pathfinder:       Satelites:         GPS Method (circle)       Trimble And/Or         MELL LO. VISIBLE?       Satelites:         WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).       Image: Comparison of the comparis	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:       WELL:				
WELL COORDINATES? NYTM 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:       WELL:		YES	NO	
PDOP Reading from Trimble Pathfinder:       Satelites:         GPS Method (circle)       Trimble       And/Or       Magellan         WELL I.D. VISIBLE?	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:		YES	NO	
GPS Method (circle)       Trimble       And/Or       Magellan         WELL I.D. VISIBLE?	GPS Method (circle) Trimble And/Or Magellan WELL I.D. VISIBLE?	•	YES	NO	
YELL I.D. VISIBLE?       YES NO         YELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).       X         YELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).       X         YELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:       X         URFACE SEAL PRESENT?       YES NO         URFACE SEAL OMPETENT? (If cracked, heaved etc., describe below)       NA         YPE OP PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       NA         YPE OP PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       NA         ROTECTIVE CASING MATERIAL TYPE:       NA         IdeaSURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       YES         OCK PRESENT?       OCK FUNCTIONAL?         OCK PRESENT?       YES         OCK PRESENT?       YES         OCK PRESENT?       YES         OCK PURCTONAL?       YES         ID YOU REPLACE THE LOCK?       YES         THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         EASURE DEPTH TOW MEASURING POINT (Feet):       YES         EASURE DEPTH TOW MEASURING POINT (Feet):       YES         EASURE DEPTH TOW MEASURING POINT (Feet):       NA         YSICAL CONDITION OF VISIBLE WELL CASING:       NA         TYSICAL CONDITION OF VISIBLE WELL CASING	VELL I.D. VISIBLE?	•	YES	NO	
VELL I.D. VISIBLE?       Image: Constraint of the image:	VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	•	X	INO	
VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	9 w a			
URFACE SEAL PRESENT?       YES NO         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       NA         YEB OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       NA         YES NO       YES         YEB OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       NA         YES NO       YES         YES NO			LX		
URFACE SEAL PRESENT?       YES NO         ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       NA         YEB OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       NA         YES NO       YES         YEB OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       NA         YES NO       YES         YES NO					
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)			YES	NO	
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	URFACE SEAL PRESENT?			X	
IEADSPACE READING (ppm) AND INSTRUMENT USED			A	14	200
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       Image: Step 2013         ROTECTIVE CASING MATERIAL TYPE:       Image: Step 2013         IEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       Image: Step 2013         OCK PRESENT?       Image: Step 2013         ID YOU REPLACE THE LOCK?       Image: Step 2013         THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       Image: Step 2013         EASURE WELL DEPTH FROM MEASURING POINT (Feet):       Image: Step 2013         EASURE WELL DEPTH FROM MEASURING POINT (Feet):       Image: Step 2013         EASURE WELL DAMETER (Inches):       Image: Step 2013         EASURE WELL DAMETER (Inches):       Image: Step 2013         EASURE WELL DAMETER (Inches):       Image: Step 2013         EASURE WELL DOWN OF VISIBLE WELL CASING:       Image: Step 2013         ITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       Image: Step 2013         ISCRIBE 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 NECESSARY.         Image: Step 2013       Image: Step 2013         ISCRIBE WELL SETTING (For example, located in a	ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		F		
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FFET (If applicable)       Image: Step 2013         ROTECTIVE CASING MATERIAL TYPE:       Image: Step 2013         IteASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       Image: Step 2013         OCK PRESENT?       Image: Step 2013         OCK PRESENT?       Image: Step 2013         OCK PRESENT?       Image: Step 2013         ID YOU REPLACE THE LOCK?       Image: Step 2013         IT HERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       Image: Step 2013         YELL MEASURING POINT VISIBLE?       Image: Step 2013         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):       Image: Step 2013         EASURE WELL DAMETER (Inches):       Image: Step 2013         IEASURE WELL MA	IEADSPACE READING (ppm) AND INSTRUMENT USED		NIA		
ROTECTIVE CASING MATERIAL TYPE:			-1	71 Steel	1
DCK PRESENT?       YES NO         DCK FUNCTIONAL?       NO         ID YOU REPLACE THE LOCK?       NO         THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         ELL MEASURING POINT VISIBLE?       X         EASURE WELL DEPTH FROM MEASURING POINT (Feet):       X         EASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):       X         EASURE WELL DIAMETER (Inches):       YA         EVICAL CONDITION OF VISIBLE WELL CASING:       YA         IYSICAL CONDITION OF VISIBLE WELL CASING:       YA         IYSICAL CONDITION OF VISIBLE WELL CASING:       YA         OXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         OXIMITY TO PERMENT STUCTURES, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.       NA         SCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)       YD A\$         SSESS THE TYPE OF RESTORATION REQUIRED.       YEQUIRED.       YEQUIRED.				<u> </u>	·
DCK PRESENT?       Image: Construction and provide the construction of the constructio	EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):				
OCK FUNCTIONAL?       ID YOU REPLACE THE LOCK?         ID YOU REPLACE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)         YELL MEASURING POINT VISIBLE?         IEASURE WELL DEPTH FROM MEASURING POINT (Feet):         IEASURE WELL DAMETER (Inches):         YELL CASING MATERIAL:         YELL CASING MATERIAL:         YELL CONDITION OF VISIBLE WELL CASING:         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MÅRKER TYPE         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.         ESCRIBE 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 NECESSARY.         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.			YES	NO	
ID YOU REPLACE THE LOCK?       Image: Stress of the stress o			$\checkmark$		
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)   YELL MEASURING POINT VISIBLE?   TEASURE WELL DEPTH FROM MEASURING POINT (Feet): EASURE WELL DIAMETER (Inches): FELL CASING MATERIAL: TYSICAL CONDITION OF VISIBLE WELL CASING; TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE. CONTINUTY TO UNDERGROUND OR OVERHEAD UTILITIES. ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead wer lincs, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. 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.			X		
YELL MEASURING POINT VISIBLE?       X         YEASURE WELL DEPTH FROM MEASURING POINT (Feet):       X         YEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):       X         YEASURE WELL DIAMETER (Inches):       YA         YEASURE WELL DIAMETER (Inches):       YA         YEASURE WELL CASING MATERIAL:       YY         HYSICAL CONDITION OF VISIBLE WELL CASING:       YA         YY       YY         YY					
IEASURE WELL DEPTH FROM MEASURING POINT (Feet):					
IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	'ELL MEASURING POINT VISIBLE?				
EASURE WELL DIAMETER (Inches): YELL CASING MATERIAL: HYSICAL CONDITION OF VISIBLE WELL CASING: TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES ESCRIBE 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 NECESSARY. CLOCK MULLION OF CONTROL OF COCATION ON BACK, IF NECESSARY. 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.	EASURE WELL DEPTH FROM MEASURING POINT (Feet):			Α.	
YELL CASING MATERIAL:       PYIC         HYSICAL CONDITION OF VISIBLE WELL CASING:       PYIC         TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE       NA         ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead       NA         escribe ACCESS TO WELL: (Include accessite ACCESS TO WELL); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.	EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		.0	MA	
AVSICAL CONDITION OF VISIBLE WELL CASING:	EASURE WELL DIAMETER (Inches):			2"	
TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			PVC		
ESCRIBE 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 NECESSARY.			1	20001	
ESCRIBE 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 NECESSARY.			NA)		
SCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)	OXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES			WA	
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.					
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	wer lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NI	ECESSARY	·		
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	Cleane in kinnes				
VD ASSESS THE TYPE OF RESTORATION REQUIRED.	0		_		
VD ASSESS THE TYPE OF RESTORATION REQUIRED.					
		n, etc.)			
SUINE OVERHOOD THES.					
	_ SUINE OVERNED THES.	n			

SITE NAME: SCHOTZ	SITE ID.:	3-14-1
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	Kak 3/25/ 5-3
	YES	NO
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM X NYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	YES	NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	YES	NO
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	· · · · · · · · · · · · · · · · · · ·	n A
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	×	
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	4
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		21 Steel M
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	VEC	
OCK PRESENT?	YES	NO
OCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?		X
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		~
VELL MEASURING POINT VISIBLE?	X	
IEASURE WELL DEPTH FROM MEASURING POINT (Feet):	A LA	1
IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	-1	14
IEASURE WELL DIAMETER (Inches):		211
VELL CASING MATERIAL:		PVC
HYSICAL CONDITION OF VISIBLE WELL CASING:	900	n
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		MA
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		NUA
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over		
ower lines, proximity to permanenf structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N	VECESSARY.	
inside tence on landly		
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	en etc.)	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	,,	
Se abore		
	an a	
ENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	0. 	*)
.g. Gas station, salt pile, etc.):		

SITE NAME: SCHOTTE	SITE ID.:	3-14-00
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME:	3/25/1
· ·	WEII ID.:	3-4 /
	YES	
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		
or b method (on old) Trimble Tride of Magenan	YES	NO
WELL I.D. VISIBLE?		
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?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		WA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT USED	N	JA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	3	istotnse
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YES	NO
OCK PRESENT?	X	
OCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?		X
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) VELL MEASURING POINT VISIBLE?		
	A	
AEASURE WELL DEPTH FROM MEASURING POINT (Feet):	N	JA
IEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	V	VA
IEASURE WELL DIAMETER (Inches):		2ª
VELL CASING MATERIAL:	PV	(Logd
HYSICAL CONDITION OF VISIBLE WELL CASING:	- N //	GOOL
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	NA N	A
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhe	ead	
ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE		
Inspall Funce		
The second secon		
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.	-, <b></b> ,	
	16	

(e.g. Gas station, salt pile, etc.):

MONITORING WELL FIELD INSPECTION LOG       DATE THE       2425 //o         WELL VISIBLE? (If not, provide directions helow)	SITE NAME: SCHUTZ	SITE ID.:	3-14-082
WELL VISIBLE? (If not, provide directions below)       WTM Y	MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	3/25/16
WELL VISIBLE? (Find, provide directions below)       NYTM Y         WELL COORDINATESY NYTM X       NYTM Y         GPS Method (circle)       Trimble And/Or Magellan         WELL LOL VISIBLE?       X         WELL LOL AS IT APPEARS ON PROTECTIVE CASING OR WELL:       X         SURFACE SEAL ORDERENT?       YES NO         SURFACE SEAL COMPETENT? ((Frankeed, haved etc., describe below)       X         PROTECTIVE CASING IN ROOD CONDITION (I dramaged, describe below)       X         HEADSPACE READING (ppn) AND INSTRUMENT USED.       YES NO         TYPE OP PROTECTIVE CASING IN ROUGH (I dramaged, describe below)       X         PROTECTIVE CASING IN RODO CONDITION (I dramaged, describe below)       X         ILOCK PROSENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         LOCK RESENT?       'I A SI AU / DCL/A / LUL_A         ID / YOU REPLACE THE LOCK?       'I A SI AU / DCL/A / LUL_A         ID / YOU REPLACE THE LOCK?       'I A SI AU / DCL/A / LUL_A         ID / DU REPLACE THE LOCK?       'I A SI AU / DCL/A / LUL_A		W Lit 12	-35-
PDOP Reading from Trimble And/Or Magellan         GPS Mediod (circle)       Trimble And/Or Magellan         WELL D. VISIBLE?       YES NO         WELL LOCATION MATCH SITE MAP? (if not, steach actual location on back)       X         WELL LOCATION MATCH SITE MAP? (if not, steach actual location on back)       X         WELL LOCATION MATCH SITE MAP? (if not, steach actual location on back)       X         WELL LOCATION MATCH SITE MAP? (if not, steach actual location on back)       X         SURFACE SEAL OMPETENT?       YES NO         SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       X         PROTECTIVE CASING IN ROD CONDITION? (If damaged, describe below)       X         PROTECTIVE CASING INSIDE DIAMETER (Inches):       X         LOCK PRESENT?       'I A SJAd. LOCKAd Mole         DID YOU REPLACE THE LOCK?       X         ID DU YOU REPLACE THE UCK?       X         MELL MEASURE WELL DEPTH FROM MEASURING POINT (Fee):       X         MEASURE WELL DEPTH TO WATER ROM MEASURING POINT (Fee):       X         MEASURE WELL DAMETER (Inches):       X         MEASURE WELL DAMET			
WELL LOCATION MATCH SITE MAP? (If not, sketch actual location on back)	PDOP Reading from Trimble Pathfinder: Satelites:		
WELL LOCATION MATCH SITE MAP? (if not, skeich actual location on back)	WELL I.D. VISIBLE?		IS NO
SURFACE SEAL PRESENT?       YES NO         SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)       A         PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       A         HEADSPACE READING (opm) AND INSTRUMENT USED       A         PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       A         PROTECTIVE CASING NATERIAL TYPE:       A         MEASURE PROTECTIVE CASING INSIDE DIAMETER (Incluss):       VES         LOCK PRESENT?       YES         LOCK RESENT?       YES         LOCK RESENT?       YES         LOCK RESENT?       YES         LOCK RESENT?       YES         NO       X         WELL MEASURE PROTECTIVE CASING INSIDE DIAMETER (Incluss):       YES         NO       X         STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         WELL MEASURE WELL DEPTH FROM MEASURING POINT (Feet):       XA         MEASURE WELL DIAMETER (Incluse):       XA         PHYSICAL CONDITION OF VISIBLE WELL CASING:       YE         PHYSICAL CONDITION OF VISIBLE WELL CASING:       XA         PHYSICAL CONDITION OF VISIBLE WELL CASING:       XA         PHYSICAL CONDITION OF VISIBLE WELL CASING:       XA         DESCRIBE ACCESS TO WELL: (Include accessibility to truck mou			
SUBFACE SEAL PRESENT?         SURFACE SEAL COMPETENTY (If cracked, heaved etc., describe below)         HEADSPACE READING (ppm) AND INSTRUMENT USED         HEADSPACE READING CONDITIONT (If damaged, describe below)         MEASURE PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)         PROTECTIVE CASING AND DEIGHT OF STICKUP IN FEET (If applicable)         MEASURE VELC CASING AND HEIGHT OF STICKUP IN FEET (If applicable)         MEASURE VELD CASING AND HEIGHT OF STICKUP IN FEET (If applicable)         WELL CASING NUMBER         LOCK PRESENT?         LOCK PRESENT?         LOCK PUNCTIONAL?         DID YOU REPLACE THE LOCK?         IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)         WELL CASING NATERIAL:         MEASURE WELL DEPTH FROM MEASURING POINT (Feet):         MEASURE WELL DEPTH FROM MEASURING POINT (Feet):         MEASURE WELL DEPTH MAKER (If well and DENTIFY MARKER TYPE         PHYSICAL CONDITION OF VISIBLE WELL CASING:         ATTACH ID MAKER (if well Di sonfirmed) and IDENTIFY MARKER TYPE         PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES         DESCRIBE ACCESS TO WELL: (Include acc	WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YE	S NO
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)       Image: Construct of the construction of the constend of the construction on the construction of the construction o			X
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)       Image: Comparison of the structure of the			UH X
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):       YES         LOCK PRESENT?       '1.0.5.124		-1	A 2.51 Stel OS
LOCK PRESENT?       'I & Side' & locked & koke         LOCK FUNCTIONAL?       DID YOU REPLACE THE LOCK?         DID YOU REPLACE THE LOCK?       X         IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)       X         WELL MEASURING POINT VISIBLE?       X         MEASURE WELL DEPTH FROM MEASURING POINT (Feet):       NA         MEASURE WELL DAMETER (Inches):       NA         WELL CASING MATERIAL:       PIC         PHYSICAL CONDITION OF VISIBLE WELL CASING:       NA         ATTACH ID MARKER (If well ID is confirmed) and IDENTIFY MARKER TYPE       NA         PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.       NA         DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity so permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.         MEASURE 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.):         WEMARKS:       Dest — bt Well Can Stan by Can Stan by Clossol			
DID YOU REPLACE THE LOCK?	LOCK PRESENT? 1/2Side Locked Line		
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 DEPTH FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): WELL CASING MATERIAL: PYYC 2000 PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE 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. 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.  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.  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.  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.  DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)			
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
MEASURE WELL DIAMETER (Inches):			NA
PHYSICAL CONDITION OF VISIBLE WELL CASING:ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEATTACH ID MARKER TYP	MEASURE WELL DIAMETER (Inches):		2"
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		_P	VC good
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY. MSIDE HOL 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. DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: QASIJ COVER best - by Well Can Stin be Closed.	ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		4
AND ASSESS THE TYPE OF RESTORATION REQUIRED. IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: Carry Care best - bet were car stin be closed.			
iDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.): REMARKS: CARY CARER best - but were can stin be closed.	DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garder	1, etc.)	
(e.g. Gas station, salt pile, etc.): REMARKS: Carry Cover bent - but were can stin be closed.	AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
(e.g. Gas station, salt pile, etc.): REMARKS: Carry Cover bent - but were can stin be closed.			
Casing Cover best - but well can stin be Closed.	-		
Casing Cover best - but well can stin be Closed.			
Sketch		tin be	Closel.
	Sketch		

SITE NAME: SCHOTZ	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	3/25/16 -57
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?	···· <u>Y</u>	5 NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YES	
SURFACE SEAL PRESENT? SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	TE.	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):	Ť	NA 2'Skelnse
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?		NO 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	500	VA PVC d VA WA
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 N ON Step Slope - COSE to the Location of the structure		p fence
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde AND ASSESS THE TYPE OF RESTORATION REQUIRED.	n, etc.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		· ·

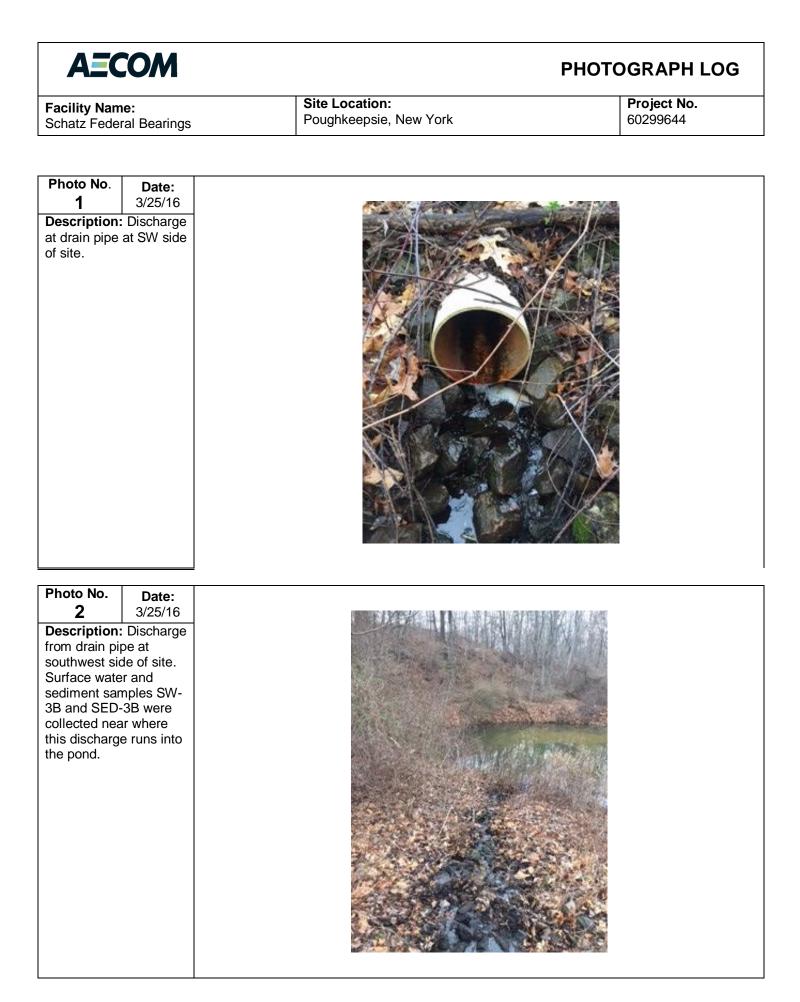
SITE NAME: SCHOOL 2	SITE ID.:	3-14-01
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	3/25/
	YES	5 NO
WELL VISIBLE? (If not, provide directions below)	···· · L×	
WELL COORDINATES? NYTM XNYTM Y PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	•	
Gi b intelloù (tillete) - Trillible - Allar Ol - Magellall	YES	NO
WELL I.D. VISIBLE?		
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X X	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
WELL I.D. AS IT AFFEARS ON PROTECTIVE CASINO OR WELL:	YES	S NO
SURFACE SEAL PRESENT?		V V
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		A
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		
		Δ
IEADSPACE READING (ppm) AND INSTRUMENT USED	N	A
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		1
ROTECTIVE CASING MATERIAL TYPE:		Sloel
AEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	-	
	YES	NO
OCK PRESENT?	X	
OCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) VELL MEASURING POINT VISIBLE?		X
VELL MEASORING FOINT VISIBLE?		
1EASURE WELL DEPTH FROM MEASURING POINT (Feet):	1/	UA
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		A
IEASURE WELL DIAMETER (Inches):	21	
/ELL CASING MATERIAL:		PIC .
HYSICAL CONDITION OF VISIBLE WELL CASING:	G	2001
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		A
ESCRIPE ACCESS TO WELL, (L. L. L		
ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overl ower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N		
IND IS PROXIMITY TO PERMANENT STRUCTURES, PIC. J, ADD SKETCH OF LOCA MON DN BACK, IF N	ECESSART.	
Very wet and - ullessible by toot		
<u>v</u>		
ESCRIPE WELL SETTING (For more la located in Call in the located in Call in the located in Call in the located		
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde	n, etc.)	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.		

(e.g. Gas station, salt pile, etc.):

SITE NAME: SCHOTZ	SITE ID.:	3-14-003
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	3/25/16
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	
WELL I.D. VISIBLE?	YES X	S NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		NO X J-1
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):		JA,
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?	YES ×	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	- N BR Ga	JA JA PVC pl NA 251-04
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhear power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NEC		<u></u> _0H
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, AND ASSESS THE TYPE OF RESTORATION REQUIRED.	etc.)	

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

SITE NAME: SCHOLTZ	SITE ID.:	3-14-003
	INSPECTOR:	Kor
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	3/25/10
	WEll ID.:	<u>S-10</u>
	YES	S NO
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		`
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)	×	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	YE	S NO
SURFACE SEAL PRESENT?		XIA
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		WA
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	L′	
HEADSPACE READING (ppm) AND INSTRUMENT USED	• k	JA
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		71
PROTECTIVE CASING MATERIAL TYPE:	$\left(, C\right]$	POI
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	9-st	
	YE	5 NO
LOCK PRESENT?		
LOCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?	X	X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?	2	K
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	R	14
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		
MEASURE WELL DIAMETER (Inches):	+	
WELL CASING MATERIAL:		PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	60	DOCL
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		251-04
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	ECESSARY.	
Marine in libres - Olterhoud lines rearby	-	
	)	
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.		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT	*** · · · ·	· · · ·
		· · · · ·
(e.g. Gas station, salt pile, etc.):		

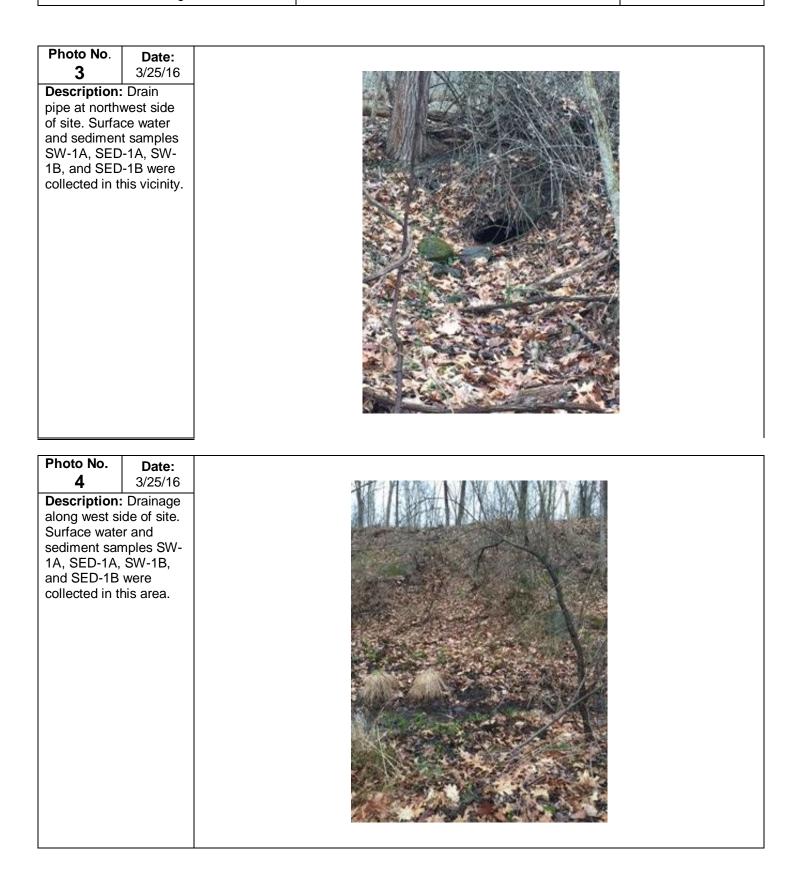




Facility Name: Schatz Federal Bearings **Site Location:** Poughkeepsie, New York



**Project No.** 60299644



Appendix B

Enclosure 1 Engineering Controls - Standby Consultant/Contractor Certification	Form	NEW YORK STATE
Site Details	en de prés	Box 1
Site No. 314003		
Site Name Schatz Federal Bearings		
Site Address: 223-47 Van Wagner Road Zip Code: 12602 City/Town: Poughkeepsie County: Dutchess Site Acreage: 5.0		
Reporting Period: March 30, 2014 to March 30, 2017		
	YES	NO
1. Is the information above correct?	X	٥
If NO, include handwritten above or on a separate sheet.		
<ol> <li>To your knowledge has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?</li> </ol>		x
3. To your knowledge has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		×
4. To your knowledge have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
If you answered YES to questions 2 thru 4, include documentation or evide that documentation has been previously submitted with this certification for		
5. To your knowledge is the site currently undergoing development?	۵	×
		Box 2
	YES	NO
<ol><li>Is the current site use consistent with the use(s) listed below? Commercial and Industrial</li></ol>	X	
7. Are all ICs/ECs in place and functioning as designed?	×	
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and con DEC PM regarding the development of a Corrective Measures Work Plan to addres		ues.
Signature of Standby Consultant/Contractor Date		

SITE NO. 314003			Box 3
Description of Institutional Con	itrols		
Parcel Owner 134689-6262-03-101380-000 MC KEB		Institutional Control	
134003-0202-03-101300-000 MC ILD	ECORFORATION		
		Monitoring Plan	
		Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan	
Environmental Notice requires: Compliance with the site management groundwater use restriction; land-use resitciton for industrial use on No interference with the engineering c Excavations or disturbance of soils mu	nly; :ontrols;	th the SMP.	
			Box 4
Description of Engineering Con	ntrole		
Parcel	Engineering Control		1
134689-6262-03-101380-0000			
	Fencing/Access Control Cover System Cover System		
Cap, monitoring wells, fencing.	Fencing/Access Control		
	2. B		
Annual inspection of fencing perimeter	control and integrity of can a	tone by DER PM	
Annual inspection of fencing perimeter Additional inspections to be done if a n		•	

			B	ox	
	Periodic Review Report (PRR) Certification Statements				
•	I certify by checking "YES" below that:				
	<ul> <li>a) the Periodic Review report and all attachments were prepared under the di reviewed by, the party making the certification, including data and material pre contractors for the current certifying period, if any;</li> </ul>			5	
	<ul> <li>b) to the best of my knowledge and belief, the work and conclusions described are in accordance with the requirements of the site remedial program, and ger engineering practices; and the information presented is accurate and compete</li> </ul>	nerally ac		on	
	engineering practices, and the information presented is accurate and compete	YES	NO		
		×			
<ol> <li>If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all o following statements are true:</li> </ol>					
	(a) the Institutional Control and/or Engineering Control(s) employed at this site the date that the Control was put in-place, or was last approved by the Departe		inged sir	nce	
		ment;			
	<ul> <li>the date that the Control was put in-place, or was last approved by the Departr</li> <li>(b) nothing has occurred that would impair the ability of such Control, to protect the environment;</li> <li>(c) nothing has occurred that would constitute a failure to comply with the Site</li> </ul>	ment; ct public h	nealth ar	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protective the environment;	ment; ct public h	nealth ar	nd	
	<ul> <li>the date that the Control was put in-place, or was last approved by the Departr</li> <li>(b) nothing has occurred that would impair the ability of such Control, to protect the environment;</li> <li>(c) nothing has occurred that would constitute a failure to comply with the Site</li> </ul>	ment; ct public h Managei	nealth ar ment Pla	nd	
	<ul> <li>the date that the Control was put in-place, or was last approved by the Departr</li> <li>(b) nothing has occurred that would impair the ability of such Control, to protect the environment;</li> <li>(c) nothing has occurred that would constitute a failure to comply with the Site</li> </ul>	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) nothing has occurred that would constitute a failure to comply with the Site equivalent if no Site Management Plan exists.	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) nothing has occurred that would constitute a failure to comply with the Site equivalent if no Site Management Plan exists. IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address to	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) nothing has occurred that would constitute a failure to comply with the Site equivalent if no Site Management Plan exists. IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address to	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) nothing has occurred that would constitute a failure to comply with the Site equivalent if no Site Management Plan exists. IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address to	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	
	the date that the Control was put in-place, or was last approved by the Departr (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) nothing has occurred that would constitute a failure to comply with the Site equivalent if no Site Management Plan exists. IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address to	ment; ct public f Manager YES X	mealth ar ment Pla NO	nd	

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. Spera AECOM at print name 40 British American Blud. Latham, NY 12110 (print business address) STATE OF NEW am certifying as a Professional Engineer. MICHA EER Signature of Professional Engineer ICENST Date or PE)