



# FORT EDWARD LANDFILL 2016 ANNUAL GROUNDWATER MONITORING REPORT

Site Number 558001

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Jeremy Wyckoff
Project Geologist

Daniel Lang
Project Manager

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Site Number 558001

Prepared for:

New York State Department of Environmental Conservation

625 Broadway

Albany, New York 12233

Prepared by:

Arcadis CE, Inc.

855 Route 146

Suite 210

Clifton Park

New York 12065

Tel 518 250 7300

Fax 518 250 7301

Our Ref.:

00266434.0000

Date:

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#### **EXECUTIVE SUMMARY**

This Annual Groundwater Monitoring Report is a required element of the remedial program and the August 2015 Site Management Plan (SMP) for the Fort Edward Landfill located in Fort Edward, New York (hereinafter referred to as the "site"). The site is currently in the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program, Site No. 558001, which is administered by New York State Department of Environmental Conservation (NYSDEC). As the standby consultant, Arcadis, CE, Inc. (Arcadis) is submitting this report for the following reporting period: January 1, 2016 through December 31, 2016. Arcadis was assigned the project (WA No: D007618-10) in August 2016. The data collected during the reporting period was collected by Aztech Technologies, Inc. (Aztech) and provided by NYSDEC. Arcadis has prepared this report to summarize the annual groundwater, surface water, and sediment sampling results.

General Electric, Inc. (GE) historically disposed of approximately 850 tons of polychlorinated biphenyl (PCB)-containing scrap capacitors at this landfill. This waste represents approximately 79% of the total hazardous waste identified at this site. As a result of the 1980 "Seven Site Agreement" with the NYSDEC, GE produced a report in 1983 recommending encapsulation of the landfill within a slurry wall and cap; however, operation continued until 1991 and the proposed remedy was not initiated. Due to the extended operation of this landfill and the given problems associated with a similar encapsulation remedy taken at the adjacent Kingsbury Landfill (Site 5-58-008), the 1983 Remedial Design proposal was modified. The modified remedy included the construction of a low permeable landfill cap and a leachate collection system, and the construction of a pre-treatment building with final treatment in the three (3) constructed wetland cells (CWTS) (Cell 1 through Cell 3) and a polishing pond.

Based upon remedial and pre-design investigations, it was concluded that landfill-derived contaminants, including PCBs, were migrating from the site through the pathways of groundwater and leachate seepage to surface water. PCBs have been noted in wells upgradient, downgradient, and in the footprint of the landfill historically and currently. It was determined that the environmental condition of the site had been impacted by volatile organic compounds (VOCs), PCBs, and iron from the site's historical use as a landfill.

Currently the remedial measures in place appear to not meet the site remedial action objectives (RAOs). The pre-treatment system and CWTS are not currently able to handle the volume of flow from the three extraction wells (EW-1 though EW-3), the leachate collection well (EW-4), and groundwater collection trench. As such, EW-1 through EW-3 have not been pumped since prior to September 2012. CWTS distribution pumps within the pre-treatment building are one of the primary limiting factors. The groundwater quality in the monitoring well network continues to indicate that leachate is not being fully captured by the collection system and continues to impact the surrounding groundwater system. As part of the corrective measures process, leachate collection and treatment system upgrades are ongoing and will be completed in 2017. Once these system upgrades are fully functional and operating as designed, the performance of the systems and groundwater quality are expected to improve. Performance of the upgraded system will be evaluated and documented in the 2017 Periodic Review and Annual Groundwater Reports.

#### 1 SITE OVERVIEW

The roughly 23-acre site is located off of Leavy Hollow Lane in the Town of Fort Edward, New York (Figure 1). The site is bounded by the Glens Falls Feeder Canal to the northeast; by a wooded area, private residences and commercial businesses (Burgoyne Avenue) to the northwest; by Leavy Hollow Lane and private residences to the west and southwest; by farm fields to the south and east; and by a bike path to the east.

The geology underlying the site consists of variable thickness of glacially deposited soil underlain by black shale bedrock. The glacial soil consists of delta sands and interbedded sand-clay lenses. The deltaic sediments overlay lacustrine clay and glacial till. On-site monitoring wells are screened in the shallow delta sands (MW-1, MW-2, MW-5, MW-6C, MW-7, and MW-8), the interbedded sand and clay (MW-2A and MW-6A), and the deeper lacustrine clays (MW-1A and MW-6B). The extraction wells (EW-1 through EW-3) and leachate collection well (EW-4) are screened at the landfill waste/delta sand interface.

The landfill contains non-hazardous municipal waste and hazardous industrial waste, including PCB-containing electrical components and solvents. The landfill requires continued site management including operation, maintenance and monitoring (OM&M) of the active leachate collection and treatment system, which has been in operation since late 1998.

#### 1.1 Site Description

Topography in the immediate vicinity of the site is characterized by undulating hills, interspersed with slopes and small depressions. The eastern portion of the site is distinguished as a flat, low-lying area which contains several substantial wetlands. A gravel road provides access to the top of the landfill and the wetland expansion areas to the east. Nearby residences are located to the south and the west.

#### 1.2 Site History

The Fort Edward Landfill was used for the disposal of approximately 70% municipal waste and approximately 30% PCB-containing scrap capacitor waste from GE, as well as solvents, from 1969 to 1982. Following a rise in public concern regarding the use of PCBs in the late 1970s, investigation began on the Fort Edward Landfill Site among others, and the site was placed on the New York State Registry of Inactive Hazardous Waste Sites (Site No. 558001).

In 1984, the NYSDEC approved plans and specifications for a containment remedy for the landfill, but allowed the Town of Fort Edward to receive non-hazardous municipal waste until a waste management system was implemented. The landfill was closed in 1991, and a temporary soil cap was installed over the waste materials between 1990 and 1993.

#### 1.3 Landfill Closure, Remedial Activities, and Current Status

The landfill was covered with a multi-layer cap in 1997 and 1998. Prior to installation of the final cover system, the entire landfill was rough graded. Over 110,000 cubic yards of stripped soils and excavated materials were relocated and compacted along with 46,000 cubic yards of imported structural fill.

The leachate collection and treatment system was designed by URS beginning in 1995, and construction began in July 1997, in parallel to the landfill cap construction.

The remedial system began operating in September 1998. In October 1998, the air stripper was taken off-line since the VOCs were sufficiently being removed by the CWTS. The Operation and Maintenance (O&M) of the treatment system and groundwater monitoring responsibilities were assigned to AECOM in June 2007. O&M responsibilities were then transferred from AECOM to Aztech Technologies, Inc. (Aztech) in May 2009. Monitoring and maintenance reporting responsibilities were transferred to HRP in 2011, with Aztech still maintaining on-site O&M activities. In August 2015 HRP prepared a Remedial System Optimization (RSO) plan which was submitted to NYSDEC. The RSO plan outlined the necessary tasks required to improve the existing leachate collection and treatment system. HRP prepared a SMP for the site which was submitted to the NYSDEC in August 2015.

In August 2016 the site O&M responsibilities were transferred to Arcadis. Arcadis is currently implementing the RSO recommendations, which include upgrades to the existing leachate collection and treatment systems. The first phase of RSO upgrades includes completing the construction of the pretreatment system.

In accordance with the SMP for the site, the following environmental monitoring activities were completed in 2016:

- Annual groundwater sampling
- Annual surface water sampling
- Annual sediment sampling
- Monthly O&M sampling
- Annual Site Inspection

Groundwater, surface water, and sediment sampling was conducted at the site in the months of May and June 2016. The following sections describe the 2016 monitoring activities in further detail. The O&M upgrades and monthly sampling are reported separately in a monthly report to the NYSDEC.

#### 2 GROUNDWATER MONITORING PROGRAM

The 15-month groundwater monitoring was conducted in May 2016 to satisfy the sampling frequency requirement as defined in the site SMP. The site SMP called for sampling 13 onsite monitoring wells (MW-1, MW-1A, MW-1D, MW-2A, MW-2A, MW-4, MW-5, MW-06A, MW-6B, MW-6C, MW-7, MW-8, and MW-NEW), and three extraction wells EW-1 through EW-3 (Figure 2). The next scheduled groundwater sampling event will be in Third Quarter 2017.

#### 2.1 Groundwater Monitoring Well Inspection

The integrity of each well was inspected and the results recorded on a groundwater monitoring well inspection form (Appendix A). As indicated in the inspection forms, the monitoring wells are in acceptable condition and no significant problems were reported.

#### 2.2 Water Level Survey

The network of monitoring wells has been installed to monitor both upgradient and down-gradient groundwater conditions at the site (Figure 2). Prior to sampling each well, depth to water was measured to the nearest hundredth of a foot using an electronic water level indicator. A summary of these data is presented on Table 1.

Groundwater flow in the unconsolidated saturated zone is generally toward the east-southeast, consistent with previous measurements. Potentiometric contours based on groundwater levels measured in May 2016 are presented on Figure 2.

#### 2.3 Groundwater Sampling

Each monitoring and extraction well was purged of three well volumes using either a Monsoon® pump with low-flow sampling controller or a peristaltic pump, each with single-use disposable tubing. Prior to use at each monitoring well, the Monsoon® pump was decontaminated by a liquinox bath followed by a distilled water rinse. Monitoring well MW-5 lacked sufficient water to be purged using the above method, therefore a grab sample was collected using a dedicated bailer and no purging was completed before collecting the sample.

After purging up to three well volumes of groundwater, the groundwater was pumped through a flow cell equipped with a multi-parameter probe (e.g., YSI®) and temperature, conductivity, pH, turbidity, dissolved oxygen, and oxidation/reduction potential of the water were recorded on the sampling logs. The measurements are noted on the inspection logs and sampling logs in Appendix A and Appendix B, respectively. All groundwater samples were bottled in laboratory-provided containers in a decreasing order of volatility. Samples were packed on ice, placed in cooler, and submitted under standard Chain-of-Custody (COC) procedures to TestAmerica. The samples were submitted for VOCs, TAL metals, PCBs, phenol, hardness as calcium carbonate, total organic carbon, methane, biochemical oxygen demand, total dissolved solids, sulfide, nitrate, alkalinity, ammonia, COD, phosphorus, and total suspended solids. A summary of the samples collected and their respective analysis is presented on Tables 2 through 6. The laboratory analytical data are provided in Appendix C.

#### 2.4 Analytical Results

Thirteen monitoring wells and three extraction wells (listed above in section 2.0) were sampled on May 12 through May 20, 2016 by Aztech in accordance with the SMP requirements. Analytical results were compared to previous results at each sampling location and to the applicable New York State Ambient Water Quality Standards and Guidance Values (Class GA for groundwater) as provided under NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1.

#### 2.4.1 VOCs

VOCs were reported at concentrations greater than the NYSDEC Class GA Standards in samples from MW-1A, MW-5, MW-6A, MW-6C, EW-1, EW-2 and EW-3, as summarized below:

- Acetone and 2-butanone (methyl ethyl ketone MEK) at upgradient well MW-1A at concentrations
  of 120 micrograms per liter (μg/L) and 320 μg/L, respectively.
- Cis-1,2-dichloroethene (59  $\mu$ g/L and 260  $\mu$ g/L,) and vinyl chloride (1,200  $\mu$ g/L and 910  $\mu$ g/L) at MW-5 and EW-1, respectively.
- 1,2,4-trichlorobenzene (12 μg/L), 1,3-dichlorobenzene (6.0 μg/L), and 1,4-dichlorobenzene (4.3 μg/L) at MW-6A.
- Benzene and chlorobenzene at MW-6C at concentrations of 3.4 μg/L and 24 μg/L, respectively.
- Benzene at EW-2 with a concentration of 5.2 μg/L.
- 1,4-dichlorobenzene (5.7 μg/L), benzene (5.4 μg/L), and chlorobenzene (34 μg/L) at EW-3.

The VOC concentrations are summarized in Table 2. Concentration trends for VOCs are shown in Figure 6 and discussed in Section 5.

#### 2.4.2 PCBs

Total PCB concentrations were estimated or detected above the NYSDEC Class GA Standard in 10 of the 16 wells during the 2016 sampling event: MW-1A, MW-4, MW-5, MW-6A, MW-6B, MW-6C, MW New Well, EW-1, EW-2, and EW-3. Total PCB concentrations ranged from non-detect to 970  $\mu$ g/L in EW-1. These results are summarized in Table 3.

#### **2.4.3** Metals

At least one inorganic parameter was detected at a concentration greater than the respective NYSDEC Class GA Standards at each of the 16 monitoring wells during the 2016 sampling event, with the exception of MW-8 (Table 4). The most frequent exceedances were in iron, magnesium, manganese, and sodium concentrations. Results are discussed below.

#### Iron

Iron concentrations exceeded the NYSDEC Class GA Standard (0.3 milligrams per liter [mg/L]) in 13 of the 16 wells sampled during the 2016 sampling event. Concentrations ranged from 0.073 mg/L (MW-8) to 1,530 mg/L (EW-1) (Table 4). Concentration trends of iron are shown on Figure 7 and discussed in Section 4.

#### **Magnesium**

Six of the 16 groundwater samples in 2016 had concentrations of magnesium that exceeded the NYSDEC guidance value (35 mg/L). As shown in Table 4, concentrations of magnesium ranged from 1.3 mg/L in MW-6B to 168 mg/L in MW New Well. Magnesium concentration trends are shown on Figure 8 and discussed below in Section 4.

#### <u>Manganese</u>

Concentrations of manganese exceeded the NYSDEC Class GA Standard (0.3 mg/L) in nine wells during the 2016 groundwater sampling event (Table 4). Trends of manganese concentrations are shown in Figure 9 and discussed in Section 4. The lowest concentration of manganese was seen in MW-1 (0.0007 mg/L), and the highest concentration of manganese was in monitoring well MW-7 (4.2 mg/L).

#### Sodium

Sodium concentrations exceeded the NYSDEC Class GA Standard (20 mg/L) in 13 of the 16 wells sampled during the 2016 sampling event. Concentrations ranged from 2.4 in MW-7 to 155 mg/L in monitoring well New Well (Table 4). Concentration trends of sodium are shown in Figure 10 and discussed below in Section 4.

In samples from MW-5, EW-1, and EW-2, several other metals were detected above the NYSDEC Class GA Standards. These metals include arsenic (MW-5, EW-1 and EW-2), barium and nickel (EW-1) and chromium (MW-5 and EW-1). These results were inconsistent with previous results, and will be specifically evaluated during the next sampling event.

#### 2.4.4 General Chemistry

The NYSDEC TOGS 1.1.1 has only a few guidance values and standards for the list of general chemistry parameters, including ammonia, ammonia nitrogen, nitrate as N, nitrite as N, and sulfate. Of the five listed above only two had concentrations above the NYSDEC Class GA Standards. Ammonia was detected in samples from five monitoring wells (EW-1, EW-3, MW-5, MW-6A and MW-6C) above the NYSDEC Class GA Standard (2 mg/L) with concentrations ranging from 4.5 mg/l to 100 mg/L. Ammonia nitrogen was detected in samples from six monitoring wells (EW-1, EW-2, EW-3, MW-5, MW-6A, and MW-6C) above the NYSDEC Class GA Standard (2 mg/L). Concentrations ranged from 2.5 mg/L to 122 mg/L (Table 5).

#### 2.4.5 SVOC and Methane Data

Phenol (a SVOC) and dissolved methane were analyzed in each sample. Phenol was not detected in any of the samples with the exception of EW-1, where an estimated concentration of 4.7 J  $\mu$ g/L was reported above the NYSDEC Class GA Standard (1.0  $\mu$ g/L).

Methane was detected in all wells with the exception of upgradient well MW-1. Detected methane concentrations ranged from an estimated value of 1.7  $\mu$ g/L in MW-8 to 4,500  $\mu$ g/L in EW-2. There is no NYSDEC guidance value for methane, however dissolved methane results can be used to indicate the presence of anaerobic degradation by naturally-occurring microorganisms in groundwater.

#### 3 SURFACE WATER AND SEDIMENT SAMPLING

Surface water and sediment sampling were collected by Aztech during the 2016 sampling event. Surface water samples were collected on May 16 and May 20, 2016 at sample locations Surface 1 through Surface 3 and analyzed for VOCs, PCBs, metals, general chemistry, SVOC (phenol) and dissolved gasses (methane). Sediment samples were collected on June 24, 2016 at locations Sediment 1 and Sediment 2 and analyzed for VOCs, PCBs, and metals.

#### 3.1 Surface Water

Surface water sample analytical results are discussed below and are summarized in Tables 7 through 11.

VOCs were not reported above laboratory detection limits in any of the surface water locations with the exception of a low estimated concentration of acetone at locations Surface 1 and Surface 3 (3.7 J  $\mu$ g/L for each) and a concentration of 21  $\mu$ g/L at Surface 2. Toluene and estimated concentrations of 2-Butanone, benzene, carbon disulphide, and Methyl tert-butyl ether were also detected at sample location Surface 2 (Table 7).

PCBs were non-detect at all three locations with the exception of an estimated concentration at Surface 2 and Surface 3. PCB concentrations for surface water samples are provided on Table 8.

Metals were detected in one or more of the surface water samples collected during the 2016 sampling event, including aluminium, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, zinc, and mercury. Metal concentrations for surface water samples are provided on Table 9.

Alkalinity, ammonia, ammonia nitrogen, BOD, nitrate, nitrite, COD, hardness, sulfate, TDS, phosphorus, phosphate, TSS, and TOC were reported in one or more of the surface water samples collected during the 2016 sampling event. Leachate indicator parameter concentrations for surface water samples are provided on Table 10.

Phenols and methane concentrations are summarized in Table 11. Phenols were non-detect at all three locations. Methane was detected in Surface 2 (900  $\mu$ g/L) and Surface 3 (25  $\mu$ g/L).

#### 3.2 Sediment

Sediment sample analytical results are discussed below and are summarized in Tables 12 through 14.

VOCs were not reported above laboratory detection limits in any of the sediment locations with the exception of estimated concentrations of acetone, cyclohexane, and methylcyclohexane at Sediment 1 and concentrations of 2-butanone and acetone at location Sediment 2 (Table 12).

Sediment 1 and Sediment 2 both had low concentrations of PCBs. PCB data are provided on Table 13.

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Metals were detected in one or more of the sediment samples collected during the 2016 sampling event, including arsenic, barium, cadmium, chromium, lead, silver, and mercury. Metal concentrations for sediment samples are provided on Table 14.

#### 4 SUMMARY OF GROUNDWATER RESULTS

#### 4.1 VOCs

VOCs were detected at concentrations above the NYSDEC Class GA Standards in the shallow delta sands (MW-5, MW-6C), the interbedded sand and clay (MW-6A), the deeper lacustrine clays (MW-1A) and in the landfill waste/delta sand interface (EW-1 through EW-3). MW-1A is located hydraulically upgradient of the landfill. Detections of the VOCs acetone and MEK in the May 2016 sample from MW-1A are inconsistent with previous results, not indicative of landfill-derived constituents, and appear to be anomalous.

The May 2016 analytical data for VOCs are summarized on Table 8 and Figure 3. Table 15 and Figure 6 show VOC concentration trends from May 1995 to August 2016 for MW-6A, MW-6B, and MW-6C. VOC totals from 1995 through 2000 include only concentrations of VOCs that were detected above NYSDEC Class GA Standards, however the 2007, 2008, 2011, 2012, 2015, and 2016 totals include all detections, whether above or below NYSDEC Class GA Standards.

Total VOC concentrations (for detected VOCs) have generally increased from 2007 through 2016 at MW-6A and MW-6C. At MW-6A, VOC concentrations increased from 8.0  $\mu$ g/L to 67.7  $\mu$ g/L between 2007 and 2011 and decreased to 28.18  $\mu$ g/L in 2016. MW-6C total VOC concentrations remained relatively constant between 2007 and 2012 (at approx. 23  $\mu$ g/L), but increased slightly to 40.75  $\mu$ g/L in 2015 and 31.7  $\mu$ g/L in 2016. No VOCs have been detected at MW-6B since May 1999, with the exception of a low total VOC concentration of 0.94  $\mu$ g/L in 2015. These total VOC concentration trends will continue to be evaluated during the next event (Third Quarter 2017).

#### 4.2 PCBs

Total PCB concentrations over NYSDEC Class GA Standards were detected in seven of the 13 monitoring wells and all three of the extraction wells sampled during the 2016 sampling event. (Table 3, Figure 4). PCBs were detected in all four geological units (including the landfill waste/delta sand interface) with the highest concentrations in samples from the three extraction wells. Total PCB levels are increasing across the site. Ongoing and planned upgrades to the Groundwater Water Treatment System and extraction wells are designed to improve groundwater collection and treatment of PCBs and other landfill-derived constituents.

#### 4.3 Metals

A total of eight metals were detected in groundwater at concentrations exceeding the NYSDEC Class GA Standards. With the exception of the sample from MW-8, all samples contained one or more metals at concentrations exceeding the NYSDEC Class GA Standards. The most common metal exceeding its respective standard was iron. The analytical data is presented on Table 4 and Figure 5.

Historical data and a trend analysis for iron, magnesium, manganese, and sodium detected at six monitoring well locations (MW-2, MW-2A, MW-6A, MW-6B, MW-6C, MW-7) are summarized in Table 15

and presented in Figures 7 through 10. Iron concentrations continue to remain generally above the NYSDEC Class GA Standard (300 µg/L). Iron concentrations in each well have remained consistent, except in MW-6B, where they continue to fluctuate over several orders of magnitude (Figure 7).

With the exception of MW-6A, concentrations of magnesium (Figure 8 and Table 15) have decreased substantially (to well below the Class GA Guidance Value) in all wells since the May 2000 sampling event. From a historical perspective, the magnesium concentration in MW-6B in the 2007 event (69,600 µg/L) appears to be anomalous.

Figure 9 shows a historical graph for manganese concentrations. Wells in which concentrations exceeded the standard for manganese (300  $\mu$ g/L) include MW-2, MW-2A, MW-6A, MW-6C and MW-7. Manganese concentrations have been relatively stable over time, except in samples from MW-6B.

MW-7 sodium concentrations remain below the NYSDEC Class GA Standard (20,000  $\mu$ g/l). Concentrations of total sodium in MW-02, MW-2A, MW-6A, and MW-6B, (Table 4 and Figure 10) have remained relatively constant and above the NYSDEC Class GA Standard. The concentration of total sodium in MW-6C continues to fluctuate over time.

#### 4.4 General Chemistry

Ammonia and ammonia nitrogen were the only two constituents detected above the NYSDEC Class GA Standard (2 mg/L) with concentrations ranging from 4.5 mg/l to 100 mg/L in five locations and from 2.5 mg/L to 122 mg/L respectively in six locations (Table 5). The highest concentrations were in MW-5, EW-1 and EW-3 for both ammonia and ammonia nitrogen. General chemistry was not analyzed in 2015, however the 2016 general chemistry results are generally similar to results from 2012 and 2013. These detections, as well as other general chemistry parameter concentrations will continue to be monitored during the next event.

#### 4.5 SVOC and Methane Data

Table 6 summarizes the phenol and dissolved gasses (methane) results from the 2016 sampling event. Phenols were non-detect at all sampling locations with the exception of an estimated concentration at EW-1 above the NYSDEC Class GA Standard. In 2015 phenols were detected in MW-2 and MW-6B, but were below the NYSDEC Class GA Standard. Methane was detected in all locations with the exception of MW-1. Detected methane concentrations ranged from an estimated concentration of 1.7 J ( $\mu$ g/L) in MW-8 to 4,500  $\mu$ g/L in EW-2.

Methane was analyzed in 2013 and 2016 with generally similar results. Several locations were non-detect and the highest concentrations were observed in EW-1, EW-2, EW-3 and MW-6C during both events.

#### 5 CONCLUSIONS AND RECOMMENDATIONS

Groundwater, surface water, and sediment sampling was conducted at the site in the months of May and June 2016. Concentrations of VOCs appear to be increasing at MW-6A and MW-6C. Total PCB concentrations increased between 2015 and 2016 at MW-6A, MW-6B, MW-6C, EW-2 and EW-3, all located off the northeastern corner of the landfill. The highest total PCB concentration (970 µg/L) was detected in the May 2016 sample from EW-1, consistent with previous results.

A total of eight metals were detected in groundwater at concentrations exceeding the NYSDEC Class GA Standards, with iron concentrations exceeding in the majority of the wells. In general, most of the detected metals remain consistent with historical results or show decreasing trends. The general chemistry parameters as well as the methane and phenol concentrations will continue to be monitored. Surface water and sediment will continue to be analyzed in accordance with the SMP.

As part of the corrective measures process, leachate collection and treatment system upgrades are ongoing and will be completed in 2017. Once these system upgrades are fully functional and operating as designed, the performance of the systems and groundwater quality will be evaluated and documented in the annual groundwater report. If needed, at this time recommendations will be made to better improve the groundwater monitoring program after the next groundwater sampling event, which is scheduled for August 2017.

## **TABLES**





Well ID	Elevation of Riser*	Depth to Water May 2016	Groundwater Elevation May 2016
MW-1	258.87	41.03	217.84
MW-1A	257.51	40.65	216.86
MW-1D	NA	38.91	NA
MW-2	192.59	7.24	185.35
MW-2A	192.4	8.42	183.98
MW-4	NA	6.33	NA
MW-5	NA	7.50	NA
MW-06A	193.61	10.71	182.90
MW-6B	193.68	16.32	177.36
MW-6C	193.08	8.00	185.08
MW-7	203.43	17.61	185.82
MW-08	240.24	7.74	232.50
NEW-MW		6.30	
UI-MW-1			
UI-MW-2			
UI-MW-3			
UI-MW-4			

All measurments in feet.

--- = Well could not be located

NA - Not available

<sup>\*</sup> Elevation Data from URS 1995 survey

Table 2
Volatile Organic Compound Analytical Results for 2016 Groundwater
Fort Edward Landfill, Fort Edward, NY
NYSDEC Site # 558001



Well ID	NYSDEC Class GA Standard or	MW-1	MW-1A	MW-1D	MW-2	MW-2A	MW-4	MW-5	MW-6A	MW-6B	MW-6C	MW-7	MW-8	MW New Well	DUP-01	EW-1	EW-2	EW-3
Sampling Date	Guidence <sup>1</sup>	5/12/2016	5/17/2016	5/12/2016	5/17/2016	5/17/2016	5/17/2016	5/19/2016	5/20/2016	5/20/2016	5/20/2016	5/16/2016	5/17/2016	5/19/2016	5/17/2016	5/18/2016	5/18/2016	5/18/2016
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,1,2,2-Tetrachloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2,4-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2-Dibromo-3-Chloropropane	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2-Dibromoethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,3-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	6.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
1,4-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	4.3	1.0 U	2.0	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	5.7
2-Butanone (MEK)	50	10 U	320	10 U	10 U	10 U	10 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U	20 U
2-Hexanone	50*	5.0 U	11	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U	10 U
4-Methyl-2-pentanone (MIBK)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U	10 U
Acetone	50*	10 U	120	10 U	10 U	10 U	10 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	5.3 J	20 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	0.54 J	1.0 U	3.4	1.0 U	1.0 U	1.0 U	1.0 U	20 U	5.2	5.4
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Bromoform	50*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Carbon disulfide		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Carbon tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	3.9	1.0 U	24	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.6	34
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Chloroform	· ·	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U 20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Chloromethane	5	1.0 U 1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	59	1.0 U 1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U 1.0 U	20 U <b>260</b>	1.0 U	2.0 U
cis-1,2-Dichloroethene	0.4**	1.0 U	1.0 U	1.0 U 1.0 U	1.0 U 1.0 U	1.0 U 1.0 U	1.0 U 1.0 U	20 U	1.0 U	1.0 U 1.0 U	1.0 U 1.0 U	1.0 U	1.0 U 1.0 U	1.0 U 1.0 U	1.0 U	20 U	1.0 U 1.0 U	2.0 U 2.0 U
cis-1,3-Dichloropropene		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 0	0.6	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Cyclohexane Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.7 1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Dichlorodifluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Isopropylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Methyl acetate		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	5.0 U
Methyl tert-butyl ether	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	0.24 J	1.0 U	0.6 J	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Methylcyclohexane		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Methylene Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Styrene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
trans-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Trichlorofluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U	2.0 U
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	910	1.0 U	2.0 U
Xylenes, Total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	40 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	40 U	2.0 U	4.0 U

#### Note

Gray shading with a bold value indicates analyte exceeds NYSDEC GA Standard/ Guidance Value

All units are in micrograms per liter (ug/L)

Locations EW-1, EW-2, and EW-3 are labeled as E-1, E-2, and E-3 respectively on the sample logs and within the laboratory data package.

G.\PROJECT\00286434.0000\Reports (old and new)\2016\Tables\1721611214\_Tables 2.6\_Groundwater Sampling Summary Tables 2016

<sup>1</sup> NYSDEC Class GA standards and guidance values are taken from the Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

<sup>--</sup> No regulatory creteria exists for repsective analyate

<sup>\*</sup>Guidance Value

<sup>\*\*</sup>Sum of these compounds can not exceed 0.4 ug/L

J = Detected but below the reporting limit, therefore result is an estimated concentration

U = Not detected. Reporting limit provided

Table 3
PCB Analytical Results for 2016 Groundwater
Fort Edward Landfill, Fort Edward, NY
NYSDEC Site # 558001



Well ID	NYSDEC Class GA Standard or Guidence <sup>1</sup>	MW-1	MW-1A	MW-1D	MW-2	MW-2A	MW-4	MW-5	MW-6A	MW-6B	MW-6C	MW-7	MW-8	MW New Well	DUP-01	EW-1	EW-2	EW-3
Sampling Date	Guidence	5/12/2016	5/17/2016	5/12/2016	5/17/2016	5/17/2016	5/17/2016	5/19/2016	5/20/2016	5/20/2016	5/20/2016	5/16/2016	5/17/2016	5/19/2016	5/17/2016	5/18/2016	5/18/2016	5/18/2016
PCB-1016		0.46 U	0.45 J	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
PCB-1221		0.46 U	0.46 U	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
PCB-1232		0.46 U	0.46 U	0.47 U	0.46 U	0.46 U	0.27 J	0.54	14	29	15	0.46 U	0.46 U	4.9	0.25 J	970	400	23
PCB-1242		0.46 U	0.46 U	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
PCB-1248		0.46 U	0.46 U	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
PCB-1254		0.46 U	0.46 U	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
PCB-1260		0.46 U	0.46 U	0.47 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	48 U	19 U	0.96 U				
Total PCB	0.09*	0.46 U	0.45 J	0.47 U	0.46 U	0.46 U	0.27 J	0.54	14	29	15	1.46 U	0.46 U	4.9	0.25 J	970	400	23

1 NYSDEC Class GA standards and guidance values are taken from the Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Not detected. Reporting limit provided.

Gray shading with a bold value indicates analyte exceeds NYSDEC GA Standard/ Guidance Value

All units are in micrograms per liter (ug/L)

Locations EW-1, EW-2, and EW-3 are labeled as E-1, E-2, and E-3 respectively on the sample logs and within the laboratory data package.

<sup>--</sup> No regulatory creteria exists for repsective analyate

<sup>\*</sup>Sum of these compounds can not exceed 0.09 ug/L.

J = Detected but below the reporting limit, therefore result is an estimated concentration.

Table 4
Metals Analytical Results for 2016 Groundwater
Fort Edward Landfill, Fort Edward, NY
NYSDEC Site # 558001



														MW New				
Well ID	NYSDEC Class GA	MW-1	MW-1A	MW-1D	MW-2	MW-2A	MW-4	MW-5	MW-6A	MW-6B	MW-6C	MW-7	MW-8	Well	DUP-01	EW-1	EW-2	EW-3
	Standard or	E/40/0040	E/47/0040	E14010040	E/47/0040	5/47/0040	=/4=/0040	=/40/0040	E/00/0040	E/00/0040	=/00/00/0	F/40/0040	E/47/0040	=/40/0040	=/4=/0040	=/40/0040	=14010040	
Sampling Date	Guidance <sup>1</sup>	5/12/2016	5/17/2016	5/12/2016	5/17/2016	5/17/2016	5/17/2016	5/19/2016	5/20/2016	5/20/2016	5/20/2016	5/16/2016	5/17/2016	5/19/2016	5/17/2016	5/18/2016	5/18/2016	5/18/2016
Aluminum		0.2 U	0.42	0.095 J	0.2 U	0.2 U	1.0	41.8	0.085 J	0.2 U	0.2 U	0.2 U	0.2 U	0.16 J	1.5	19.6	0.2 U	0.2 U
Antimony	0.003	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U	0.02 U	0.02 U
Arsenic	0.025	0.015 U	0.0067 J	0.015 U	0.015 U	0.015 U	0.015 U	0.042	0.015	0.0087 J	0.015	0.0087 J	0.015 U	0.015 U	0.015 U	0.14	0.028	0.015 U
Barium	1	0.021	0.011	0.55	0.014	0.069	0.057	0.75	0.12	0.0066	0.029	0.02	0.02	0.058	0.064	<b>3.2</b> J	0.18	0.36
Beryllium	0.003	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0018 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0014	0.002 U	0.002 U
Cadmium	0.005	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.00064 J	0.00053 J	0.00073 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.012	0.002 U	0.002 U
Calcium		49.3	11.4	20.8	76	41.8	104	135	98.7	7.6	72.9	56.6	70.9	68.7	108	160	105	81
Chromium	0.05	0.004 U	0.0022 J	0.004 U	0.004 U	0.005	0.0043	0.052	0.0029 J	0.004 U	0.0052	0.004 U	0.004 U	0.004 U	0.0038 J	0.26	0.0019 J	0.003 J
Cobalt		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.034	0.0025 J	0.004 U	0.022	0.024	0.004 U	0.004 U	0.004 U	0.0052 J	0.0011 J	0.0075
Copper	0.2	0.01 U	0.0022 J	0.01 U	0.0049 J	0.01 U	0.0035 J	0.044	0.0067 J	0.0019 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0022 J	0.14	0.0044 J	0.0017 J
Iron	0.3	0.079	0.48 B	0.2 B	5.3 B	10.8 B	7.1 B	100	19.7	0.34	106	157	0.073 B	1.4	5.4 B	1530	30.3	33.9
Lead	0.025	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05	0.0052 J	0.01 U	0.0042 J	0.006 J	0.01 U	0.01 U	0.01 U	0.18	0.0032 J	0.0034 J
Magnesium	35	11.5	1.5	5.3	11.8	14.7	25.9	56	41.9	1.3	14.6	12.1	14.5	168	26.3	38.3	39.4	44.3
Manganese	0.3	0.0007	0.025 B	0.017	0.35 B	0.4 B	0.51 B	1.7	1.7	0.027	1.5	4.2	0.021 B	0.035	0.51 B	2.4	0.68	0.16
Nickel	0.1	0.01 U	0.0015 J B	0.01 U	0.01 U	0.0054 J B	0.0038 J B	0.069	0.011	0.01 U	0.0065 J	0.01 U	0.01 U	0.0013 J	0.0029 J B	0.17	0.0091 J	0.013
Potassium		1.1	0.58	3.2	1.7	1.5	2.3	20.3	8.1	0.8	5.4	1.6	0.99	1.5	1.8	15.1	3.7	57.4
Selenium	0.01	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver	0.05	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.03 U	0.006 U	0.006 U
Sodium	20	44.3	22.7	46.4	37.7	41.8	24.1	227	39	39.4	10.9	2.4	15.2	155	20.9	89.4	100	146
Thallium	0.0005	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U	0.02 U	0.02 U
Vanadium		0.005 U	0.005 U	0.005 U	0.0015 J	0.005 U	0.0025 J	0.095	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.002 J	0.091	0.005 U	0.011
Zinc	2	0.0021	0.0046 J	0.011	0.01 U	0.01 U	0.017	0.29	0.0044 J	0.016	0.0022 J	0.0058 J B	0.0036 J	0.01 U	0.0058 J	1.3	0.0068 J	0.034
Mercury	0.0007	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U

1 NYSDEC Class GA standards and guidance values are taken from the Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

Gray shading with a bold value indicates analyte exceeds NYSDEC GA Standard/ Guidance Value

NYSDEC = New York State Department of Environmental Conservation B = Compound was found in the blank and sample.

- J = Detected but below the reporting limit, therefore result is an estimated concentration.
- U = Not detected. Method Detection Limit (MDL) shown.
- -- No standard or guidance value

All units are in milligrams per liter (mg/L)

Locations EW-1, EW-2, and EW-3 are labeled as E-1, E-2, and E-3 respectively on the sample logs and within the laboratory data package.

G:\PROJECT\00266434.0000\Reports (old and new)\2016\Tables\1721611214\_Tables 2-6\_Groundwater Sampling Summary Tables 2016

Table 5
General Chemistry Analytical Results for 2016 Groundwater
Fort Edward Landfill, Fort Edward, NY
NYSDEC Site # 558001



Well ID	NYSDEC Class GA Standard or Guidance <sup>1</sup>	MW-1	MW-1A	MW-1D	MW-2	MW-2A	MW-4	MW-5	MW-6A	MW-6B	MW-6C	MW-7	MW-8	MW New Well	DUP-01	EW-1	EW-2	EW-3
Sampling Date	Guidance	5/12/2016	5/17/2016	5/12/2016	5/17/2016	5/17/2016	5/17/2016	5/19/2016	5/20/2016	5/20/2016	5/20/2016	5/16/2016	5/17/2016	5/19/2016	5/17/2016	5/18/2016	5/18/2016	5/18/2016
Alkalinity, Total		140 B	57.5	183 B	200 B	91.8 B	328 B	771 B	506 B	90.7 B	290 B	159 B	228 B	1030 B	321 B	477 B	497 B	999 B
Ammonia	2*	0.02 U	0.099	1.0	0.17	0.066	0.12	34.4	6.1	0.02 U	4.5	0.41	0.02 U	0.02 U	0.12	15.4	2.0	100
Ammonia as NH3	2*	0.024 U	0.12	1.3	0.21	0.08	0.14	41.8	7.4	0.024 U	5.5	0.49	0.024 U	0.024 U	0.15	18.8	2.4	122
Nitrate as N	10	2.4	0.024 J	0.05 U	0.05 U	0.05 U	0.05 U	0.42	0.05 U	0.28	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrite as N	1	0.05 U	0.061	0.05 U	0.05 U	0.05 U	0.13	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U					
Chemical Oxygen Demand		10 U	207	6.4 J	10 U	26	24.1	10 U	9.5 J	10 U	427	83.9	141					
Sulfate	250	32.4 B	9.4 B	9.5 B	3.0 J B	36.8 B	46.1 B	2.0 J B	3.2 J B	3.7 J B	15.9 B	4.0 J B	26.8 B	115 B	42.0 B	1.9 J B	1.7 J B	1.7 J B
Total Organic Carbon		1.0 U	5.0 U	1.0 U	4.1	1.7	3.1	65	5.3	1.7	7.2	3.1	0.52 J	4.2	3.0	17.1	28.3	54.6
Hardness as calcium carbonate		168	36	1000	232	236	350	504	428	24	256	208	152	810	368	440	440	384
Total Dissolved Solids		305	66	185	648	271	392	1180	519	115	411	367	252	1060	391	790	708	868
Phosphorus		0.021	0.15	0.01 U	0.061	10 U	10 U	1.8	0.15	0.12	0.66	0.14	10 U	0.008 J	0.1	14.7	0.54	0.26
Phosphorus as PO4		0.064	0.47	0.031 U	0.19	0.01 U	0.01 U	5.6	0.45	0.38	2.0	0.44	0.01 U	0.025 J	0.32	45.1	1.7	0.79
Sulfide		0.1 U	0.031 U	0.1 U	0.1 U	0.031 U	0.13	0.10 U	0.031 U	0.10 U	0.031 U	0.10 U	0.10 U	0.10 U				
Biochemical Oxygen Demand		2.0 U	2.6	2.0 U	2.0 U	0.1 U	0.1 U	20.1	2.0	2.0 U	13.7	16.2	0.1 U	2.0 U	3.3	>39.48	28.9	23.9
Total Suspended Solids		4.0 U	6.4	8.0	5.6	6.0	32.4	4280	62.4	4.00 U	44.8	44.4	4.0 U	6.8	75.2	3140	53.6	49.2

1 NYSDEC Class GA standards and guidance values are taken from the Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

-- No regulatory creteria exists for repsective analyate

J = Detected but below the reporting limit, therefore result is an estimated concentration

U = Not detected. Reporting limit provided.

Gray shading with a bold value indicates analyte exceeds NYSDEC GA Standard/ Guidance Value

All units are in miligrams per liter (mg/L)

Locations EW-1, EW-2, and EW-3 are labeled as E-1, E-2, and E-3 respectively on the sample logs and within the laboratory data package.

<sup>\*</sup> NH<sub>3</sub> + NH<sub>4</sub> + as N



Well ID	NYSDEC Class GA Standard or	MW-1	MW-1A	MW-1D	MW-2	MW-2A	MW-4	MW-5	MW-6A	MW-6B	MW-6C	MW-7	MW-8	MW New Well	DUP-01	EW-1	EW-2	EW-3
Sampling Date	Guidance <sup>1</sup>	5/12/2016	5/17/2016	5/12/2016	5/17/2016	5/17/2016	5/17/2016	5/19/2016	5/20/2016	5/20/2016	5/20/2016	5/16/2016	5/17/2016	5/19/2016	5/17/2016	5/18/2016	5/18/2016	5/18/2016
SVOCs																		
Phenols	1*	4.7 U	4.7 U	4.8 U	4.6 U	4.6 U	4.6 U	4.7 U	4.6 U	4.6 U	4.7 J	4.6 U	4.7 U					
Dissolved Gases																		
Methane		4.0 U	41	41	140	8.6	61	200	190	3.9 J	2500	870	1.7 J	20	63	2900	4500	1800

1 NYSDEC Class GA standards and guidance values are taken from the Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

J = Detected but below the reporting limit, therefore result is an estimated concentration.

U = Not detected. Reporting limit provided.

Gray shading with a bold value indicates analyte exceeds NYSDEC GA Standard/ Guidance Value

All units are in micrograms per liter (ug/L)

Locations EW-1, EW-2, and EW-3 are labeled as E-1, E-2, and E-3 respectively on the sample logs and within the laboratory data package.

-- No regulatory creteria exists for repsective analyate

<sup>\*</sup> Applies to sum of substances





Well	Surface 1	Surface 2	Surface 3
Date	5/16/2016	5/20/2016	5/20/2016
Units	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	1.0 U	1.0	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0	1.0 U
1,1-Dichloroethane	1.0 U	1.0	1.0 U
1,1-Dichloroethene	1.0 U	1.0	1.0 U
1,2,4-Trichlorobenzene	1.0 U	1.0	1.0 U
1,2-Dibromo-3-Chloropropane	1.0 U	1.0	1.0 U
1,2-Dibromoethane	1.0 U	1.0	1.0 U
1,2-Dichlorobenzene	1.0 U	1.0	1.0 U
1,2-Dichloroethane	1.0 U	1.0	1.0 U
1,2-Dichloropropane	1.0 U	1.0	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0	1.0 U
2-Butanone (MEK)	10 U	3.3 J	10 U
2-Hexanone	5 U	5.0	5.0 U
4-Methyl-2-pentanone (MIBK)	5.0 U	5.0	5.0 U
Acetone	3.7 J	21	3.7 J
Benzene	1.0 U	0.56 J	1.0 U
Bromodichloromethane	1.0 U	1.0	1.0 U
Bromoform	1.0 U	1.0	1.0 U
Bromomethane	1.0 U	1.0	1.0 U
Carbon disulfide	1.0 U	0.34 J	1.0 U
Carbon tetrachloride	1.0 U	1.0	1.0 U
Chlorobenzene	1.0 U	1.0	1.0 U
Chloroethane	1.0 U	1.0	1.0 U
Chloroform	1.0 U	1.0	1.0 U
Chloromethane	1.0 U	1.0	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0	1.0 U
Cyclohexane	1.0 U	1.0	1.0 U
Dibromochloromethane	1.0 U	1.0	1.0 U
Dichlorodifluoromethane	1.0 U	1.0	1.0 U
Ethylbenzene	1.0 U	1.0	1.0 U
Isopropylbenzene	1.0 U	1.0	1.0 U
Methyl acetate	2.5 U	2.5	2.5 U
Methyl tert-butyl ether	1.0 U	0.32 J	1.0 U
Methylcyclohexane	1.0 U	1.0	1.0 U
Methylene Chloride	1.0 U	1.0	1.0 U





Well	Surface 1	Surface 2	Surface 3
Date	5/16/2016	5/20/2016	5/20/2016
Units	ug/L	ug/L	ug/L
Styrene	1.0 U	1.0	1.0 U
Tetrachloroethene	1.0 U	1.0	1.0 U
Toluene	1.0 U	1.4	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0	1.0 U
trans-1,3-Dichloropropene	1.0 U	1.0	1.0 U
Trichloroethene	1.0 U	1.0	1.0 U
Trichlorofluoromethane	1.0 U	1.0	1.0 U
Vinyl chloride	1.0 U	1.0	1.0 U
Xylenes, Total	2.0 U	2.0	2.0 U

U = Concentration not detected at or above the reporting limit

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

ug/L = Micrograms per Liter





Well	Surface 1	Surface 2	Surface 3
Date	5/16/2016	5/20/2016	5/20/2016
Units	ug/L	ug/L	ug/L
PCB-1016	0.46 U	0.47 U	0.47 U
PCB-1221	0.46 U	0.47 U	0.47 U
PCB-1232	0.46 U	0.26 J	0.38 J
PCB-1242	0.46 U	0.47 U	0.47 U
PCB-1248	0.46 U	0.47 U	0.47 U
PCB-1254	0.46 U	0.47 U	0.47 U
PCB-1260	0.46 U	0.47 U	0.47 U

U = Concentration not detected at or above the reporting limit

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

ug/L = Micrograms per Liter





Well	Surface 1	Surface 2	Surface 3		
Date		5/16/2016 5/20/2016			
Units	mg/L	mg/L	5/20/2016 mg/L		
Aluminum	0.2 U	0.58	14.7		
Antimony	0.02 U	0.02 U	0.02 U		
Arsenic	0.015 U	0.007 J	0.017		
Barium	0.0032	0.13	0.69		
Beryllium	0.002 U	0.002 U	0.00091 J		
Cadmium	0.002 U	0.002 U	0.0016 J		
Calcium	45.2	98.5	111		
Chromium	0.004 U	0.0011 J	0.017		
Cobalt	0.004 U	0.0012 J	0.0091		
Copper	0.0019 J	0.0018 J	0.025		
Iron	0.46	39	237		
Lead	0.01 U	0.0055 J	0.047		
Magnesium	9.2	28.2	30.5		
Manganese	0.027	0.5	7.9		
Nickel	0.01 U	0.0083 J	0.019		
Potassium	0.91	2.8	7.2		
Selenium	0.025 U	0.025 U	0.025 U		
Silver	0.006 U	0.006 U	0.006 U		
Sodium	1.1	71	62.2		
Thallium	0.02 U	0.02 U	0.02 U		
Vanadium	0.005 U	0.0022 J	0.031		
Zinc	0.0064 J B	0.0076 J	0.11		
Mercury	0.0002 U	0.0002 U	0.00034		

U = Concentration not detected at or above the reporting limit

B = Compound was found in the blank and the sample

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

mg/L = Milligrams per Liter





Well	Surface 1	Surface 2	Surface 3
Date	5/16/2016	5/20/2016	5/20/2016
Units	mg/L	mg/L	mg/L
Alkalinity, Total	144 B	424 B	243 B
Ammonia	0.02 U	0.57	0.73
Ammonia as NH3	0.024 U	0.69	0.89
Nitrate as N	0.19	0.05 U	0.081
Nitrite as N	0.05 U	0.05 U	0.029 J
Chemical Oxygen Demand	26.4	111	146
Sulfate	2.0 J B	5.0 U	2.7 J B
Total Organic Carbon	7.1	31	22.1
Hardness as calcium carbonate	144	372	228
Total Dissolved Solids	165	694	387
Phosphorus	0.01 U	1.4	4
Phosphorus as PO4	0.031 U	4.2	12.3
Sulfide	0.10 U	0.10 U	0.10 U
Biochemical Oxygen Demand	3.4	177	9.0
Total Suspended Solids	19.2	836	156.0

U = Concentration not detected at or above the reporting limit

B = Compound was found in the blank and the sample

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

mg/L = Milligrams per Liter

# Table 11 Semi-Volatile Organic Compounds and Dissolved Gasses Analytical Results for 2016 Surface Water Fort Edward Landfill, Fort Edward, NY NYSDEC Site # 558001



Well	Surface 1	Surface 2	Surface 3		
Date	5/16/2016	5/20/2016	5/20/2016		
Units	ug/L	ug/L	ug/L		
SVOCs					
Phenols	4.6 U	230 U	46 U		
Dissolved Gases					
Methane	4.0 U	900	25		

#### Notes:

U = Concentration not detected at or above the reporting limit

**Bold** = Concentration detected above reporting limit

ug/L = Micrograms per Liter

Table 12 Volatile Organic Compound Analytical Results for 2016 Sediment Fort Edward Landfill, Fort Edward, NY NYSDEC Site # 558001



Well	Sediment 1	Sediment 2		
Date	6/24/2016	6/24/2016		
Units	ug/Kg	ug/Kg		
1,1,1-Trichloroethane	11 U	9.5 U		
1,1,2,2-Tetrachloroethane	11 U	9.5 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	11 U	9.5 U		
1,1,2-Trichloroethane	11 U	9.5 U		
1,1-Dichloroethane	11 U	9.5 U		
1,1-Dichloroethene	11 U	9.5 U		
1,2,4-Trichlorobenzene	11 U	9.5 U		
1,2-Dibromo-3-Chloropropane	11 U	9.5 U		
1,2-Dibromoethane	11 U	9.5 U		
1,2-Dichlorobenzene	11 U	9.5 U		
1,2-Dichloroethane	11 U	9.5 U		
1,2-Dichloropropane	11 U	9.5 U		
1,3-Dichlorobenzene	11 U	9.5 U		
1,4-Dichlorobenzene	54 U	48 U		
2-Butanone (MEK)	54 U	85		
2-Hexanone	54 U	48 U		
4-Methyl-2-pentanone (MIBK)	54 U	48 U		
Acetone	41 J	350		
Benzene	11 U	9.5 U		
Bromodichloromethane	11 U	9.5 U		
Bromoform	11 U	9.5 U		
Bromomethane	11 U	9.5 U		
Carbon disulfide	11 U	9.5 U		
Carbon tetrachloride	11 U	9.5 U		
Chlorobenzene	11 U	9.5 U		
Chloroethane	11 U	9.5 U		
Chloroform	11 U	9.5 U		
Chloromethane	11 U	9.5 U		
cis-1,2-Dichloroethene	11 U	9.5 U		
cis-1,3-Dichloropropene	11 U	9.5 U		
Cyclohexane	2.3 J	9.5 U		
Dibromochloromethane	11 U	9.5 U		
Dichlorodifluoromethane	11 U	9.5 U		
Ethylbenzene	11 U	9.5 U		
Isopropylbenzene	11 U	9.5 U		
Methyl acetate	11 U	9.5 U		
Methyl tert-butyl ether	11 U	9.5 U		
Methylcyclohexane	1.7 J	9.5 U		
Methylene Chloride	11 U	9.5 U		
Styrene	11 U	9.5 U		
Tetrachloroethene	11 U	9.5 U		
Toluene	11 U	9.5 U		
trans-1,2-Dichloroethene	11 U	9.5 U		
trans-1,3-Dichloropropene	11 U	9.5 U		
Trichloroethene	11 U	9.5 U		
Trichlorofluoromethane	11 U	9.5 U		
Trichioroffuoromethane	11 0	9.5 U		

#### Table 12





#### NYSDEC Site # 558001

Well	Sediment 1	Sediment 2
Date	6/24/2016	6/24/2016
Units	ug/Kg	ug/Kg
Vinyl chloride	11 U	9.5 U
Xylenes, Total	22 U	19 U

#### Notes:

U = Concentration not detected at or above the reporting limit

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

ug/Kg = Micrograms per Kilogram





Well	Sediment 1	Sediment 2		
Date	6/24/2016	6/24/2016		
Units	ug/Kg	ug/Kg		
PCB-1016	0.43 U	0.42 U		
PCB-1221	0.43 U	0.42 U		
PCB-1232	0.60	0.60		
PCB-1242	0.43 U	0.42 U		
PCB-1248	0.43 U	0.42 U		
PCB-1254	0.43 U	0.21 J		
PCB-1260	0.43 U	0.42 U		

U = Concentration not detected at or above the reporting limit

J = The concentration is an approximate value

**Bold** = Detected above reporting limit

ug/Kg = Micrograms per Killigram





Well	Sediment 1	Sediment 2
Date	6/24/2016	6/24/2016
Units	mg/Kg	mg/Kg
Arsenic	3.5 J	7.0
Barium	51	130
Cadmium	0.13 J	0.23 J
Chromium	12.1	9.8
Lead	5.9	16.7
Selenium	8.8 U	7.4 U
Silver	1.3 U	0.91 J
Mercury	0.018 J	0.068

U = Concentration not detected at or above the reporting limit

J = The concentration is an approximate value

**Bold** = Concentration detected above reporting limit

mg/Kg = Milligram per Killigram

Table 15
Analytical Data May 1995 - May 2016
Fort Edward Landfill, Fort Edward, NY
NYSDEC Site # 558001



		NYSDEC TOGS	Sample Date												
Well ID	Parameter	1.1.1	May-95	Aug-95	May-99	Oct-99	May-00	Jul-07	Oct-08	Oct-11	Sep-12	Jan-15 May-1			
MW-02															
	Iron	300	1,270	8,030	7,620	2,900	15,000	9,860	5,320	4,740	2,800	1,700	5,300		
	Magnesium	35.000 (GV)	62,300	71,400	31,800	31,000	25,000	11,300	14,700	10,900	13,400	14,800	11,800		
	Manganese	300	1,350	2,320	1,940	1,300	500	423	684	544	600	850	350		
	Sodium	20.000	76,100	106,000	37,700	51,000	28,000	60,100	61,700	54,000	66,100	42,700	37,700		
MW-02A															
	Iron	300	4,620	4,890	4,830	8,600	13,000	15,200	11,200	11,200	9,100	10,700	10800		
	Magnesium	35.000 (GV)	16,900	21,500	22,300	24,000	24,000	17,400	15,900	15,900	14,600	15,200	14,700		
	Manganese	300	414	492	505	430	700	459	319	376	300	300	400		
	Sodium	20.000	18,700	27,000	23,000	26,000	28,000	28,900	31,200	29,300	42,400	42,700	41,800		
MW-06A															
	TVOCs		30	ND	ND	2	ND	8	19	67.7	35.41	35.25	28.18		
	Benzene	1	ND	ND	ND	2	ND	ND	ND	ND	ND	0.57	0.5		
	Chloroform	7	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Iron	300	404	428	388	2.600	35,000	33,100	27,400	24,400	23800	21,200	19.700		
	Magnesium	35.000 (GV)	10.100	40.900	48,100	42.000	50,000	43,500	40,600	42,600	44,600	43,600	41,900		
	Manganese	300	214	4.910	2.410	3.200	5.200	2.620	2.320	2.040	1600	1.800	1.700		
	Sodium	20.000	31,700	36,600	90.300	87.000	130.000	96,900	76,000	47.900	54,500	44.200	39,000		
MW-06B	Godiaiii	20.000			, , , , , , ,	,	,			,	, , , , , ,	, , , ,			
	TVOCs		ND	30	8	ND	ND	ND	ND	ND	ND	0.94	ND		
	Toluene	5	ND	30	8	ND	ND	ND	ND	ND	ND	ND	ND		
	Iron	300	8.130	19,900	49.000	1.200	17.000	157.000	3.160	521	780	5000	340		
	Magnesium	35.000 (GV)	4,610	19,900	25.100	1.800	15.000	69.600	4,070	1,320	1,400	1.600	1,300		
	Manganese	300	213	419	1,600	60	640	3.820	280	ND ND	22	68	27		
	Sodium	20.000	44,600	44,700	42,700	39.000	47,000	54.800	46,400	33,100	42,800	39,900	39,400		
MW-6C	Socialii	20.000	11,000	77,700	72,700	55,555	47,000	0-1,000	40,400	00,100	42,000	55,555	00,400		
WIVV-00	TVOCs		112	83	26	38	ND	17	23	23	22.4	40.75	31.70		
	Benzene	1	13	14	2	4	ND	ND	ND	ND	2.1	3.6	3.4		
	Chlorobenzene	5	24	29	24	34	ND	17	23	23	18	33	24		
	Xvlene	5	68	40	ND	ND	ND	ND	ND ND	ND ND	ND	ND	ND		
	Vinvl Chloride	2	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Iron	300	37,400	63.700	49.300	80.000	84.000	135.000	120.000	139.000	103.000	106.000	106.000		
	Magnesium	35.000 (GV)	40.700	46.700	45,000	28.000	51,000	17.200	16.500	16.400	12.700	16.300	14.600		
	Manganese	300	651	499	1.930	2.300	2,300	4.360	2.610	3.230	1.800	1.500	1.500		
	Sodium	20.000	199,000	283.000	71.100	100.000	84.000	3.370	17.700	3,300	6.100	8.600	10,900		
MW-07	Sogium	∠0.000	199,000	203,000	7 1,100	100,000	34,000	3,370	17,700	3,300	0,100	0,000	10,500		
IVI VV-U /	Iron	300	23,600	30.800	8.060	2.200	17.000	217.000	143.000	188.000	146.000	154.000	157.000		
	Iron Magnesium	35.000 (GV)	16.400	17.800	26.000	24.000	32.000	16.600	14.200	15.200	16.200	10,200	12,100		
			1,080	1,000	4,040	4,900	15,000	12,600	7,800	6,570	6,600	4,600	4,200		
	Manganese	300	4.830	4.650	6.260	8.400	8.900	3,490	3,460	2.190	3.300	2,400	2,400		
	Sodium	20.000	4,030	4,050	0,200	0,400	0,900	3,490	3,400	2,190	3,300	2,400	2,400		

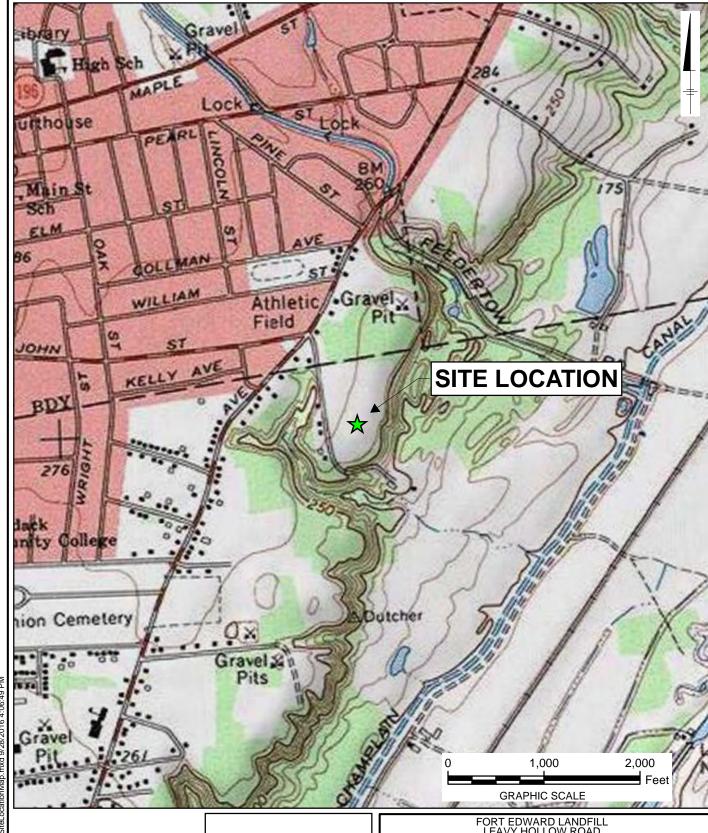
All Concentrations are in  $\mu g/L$ 

ND = Not detected above Method Detection Limit or the Reporting Limit

95-'00 Data Source: Final Evaluation and Assessment Report. Fort Edward Landfill. NYSDEC. July 2001. URS Consultants

Highlighted cells = Sample Exceeds NYSDEC Class GA Criteria; GV = Guidance Value

### **FIGURES**



NOTE: USGS QUADRANGLE INFORMATION QUAD ID: 43073-C5
 NAME: HUDSON FALLS, NEW YORK DATE PUB: 1968

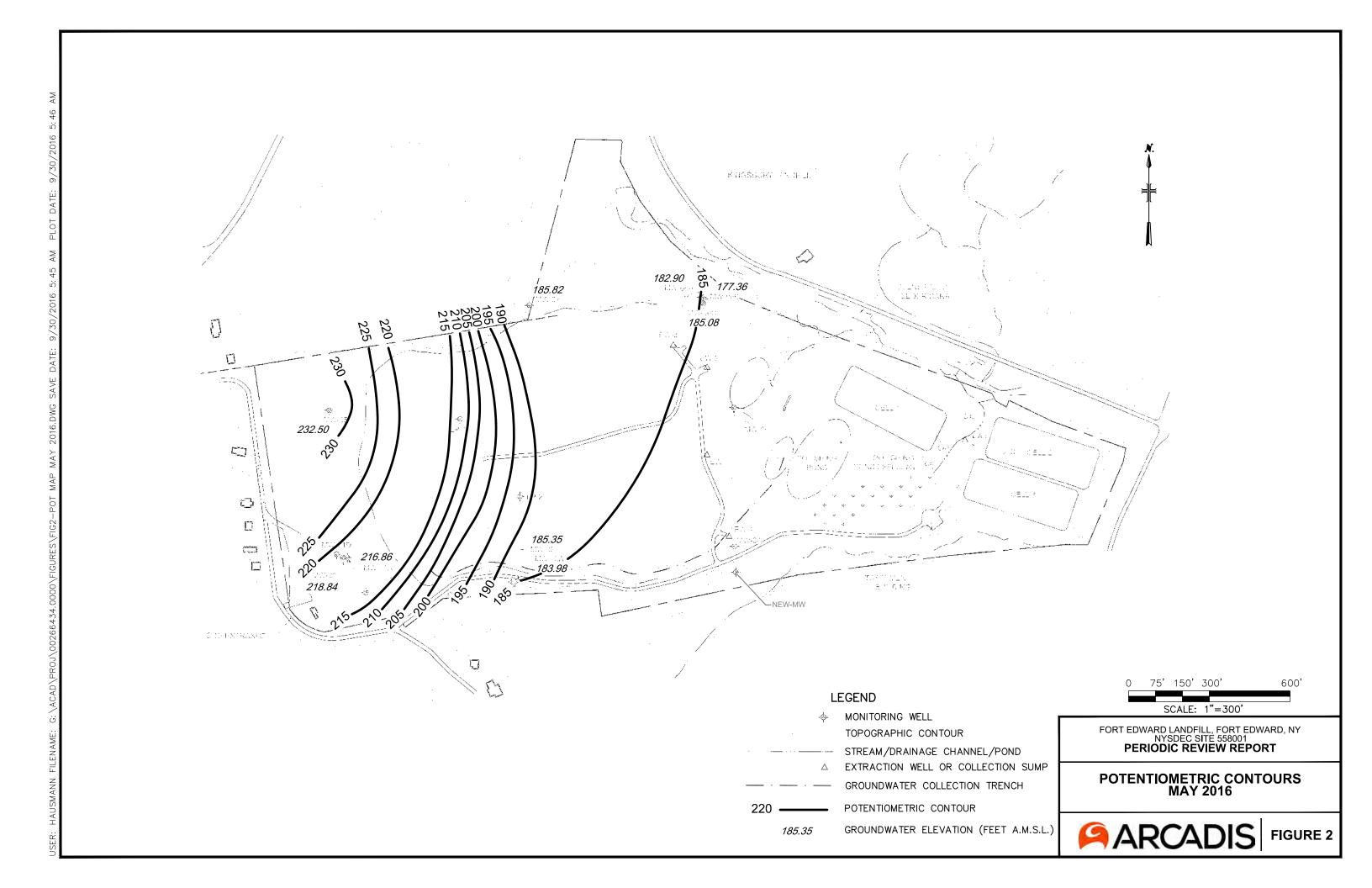


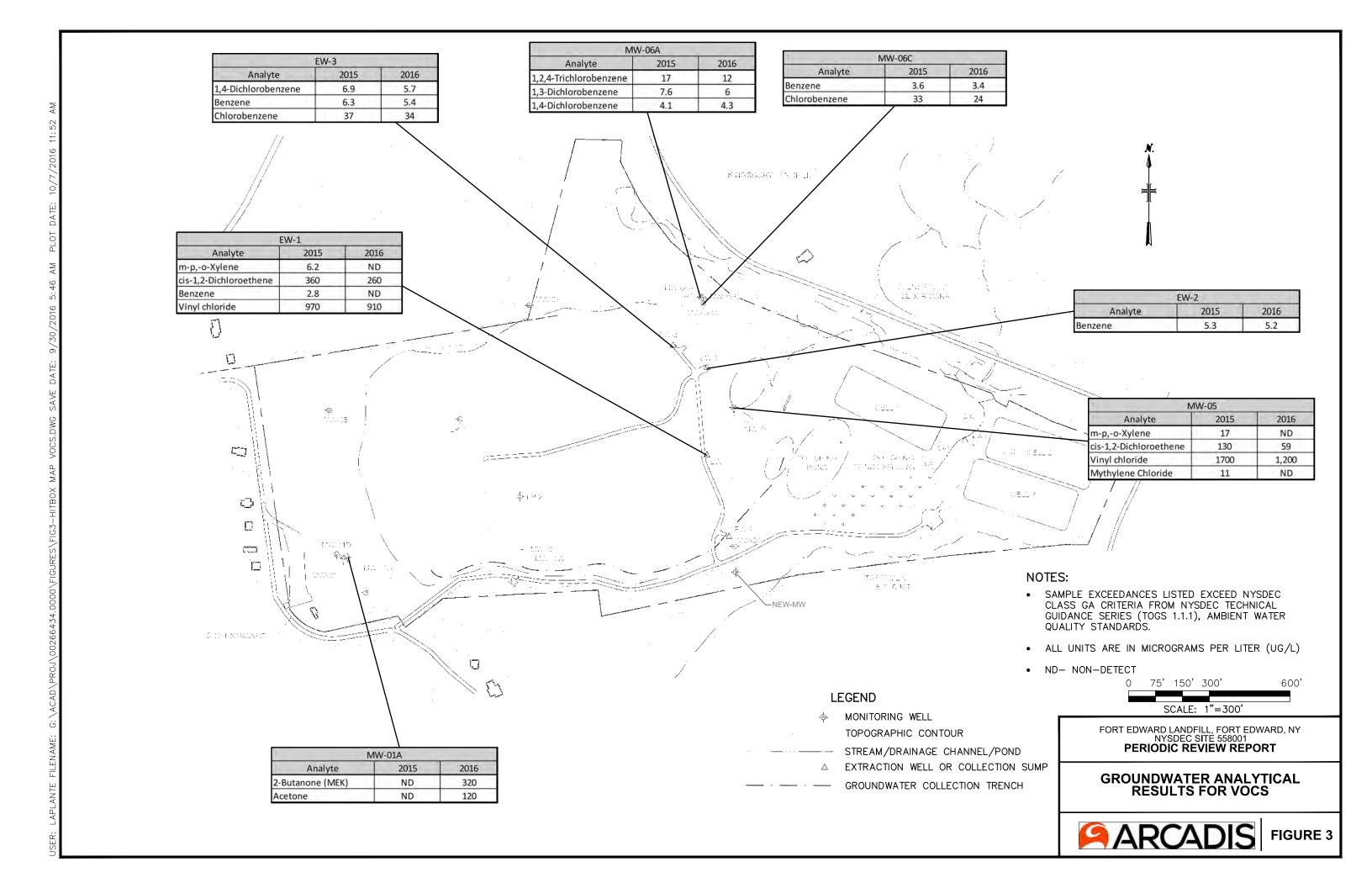
FORT EDWARD LANDFILL LEAVY HOLLOW ROAD FORT EDWARD, NEW YORK HRP# NEW9622.OM PERIODIC REVIEW REPORT 2016

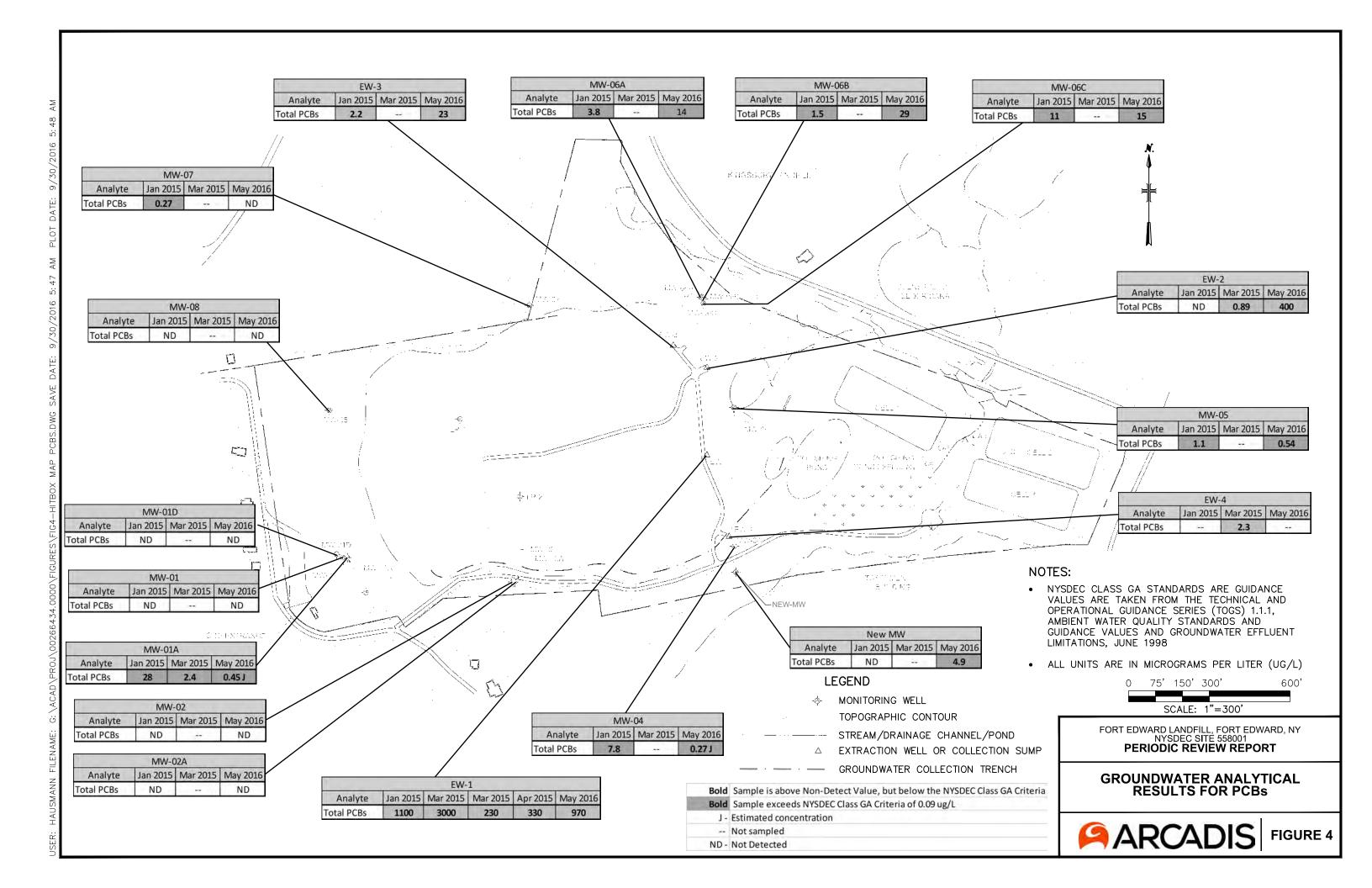
SITE LOCATION MAP

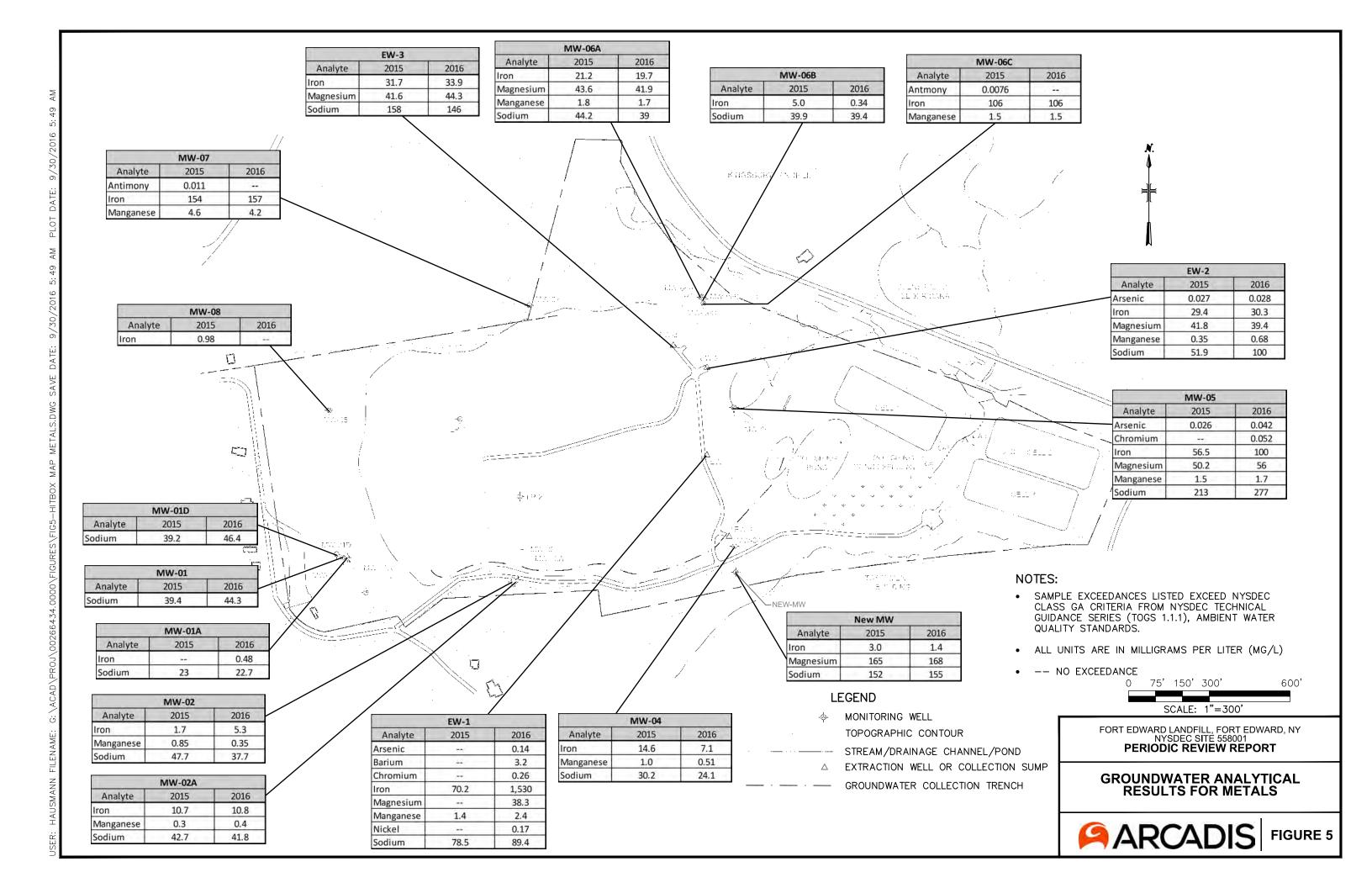


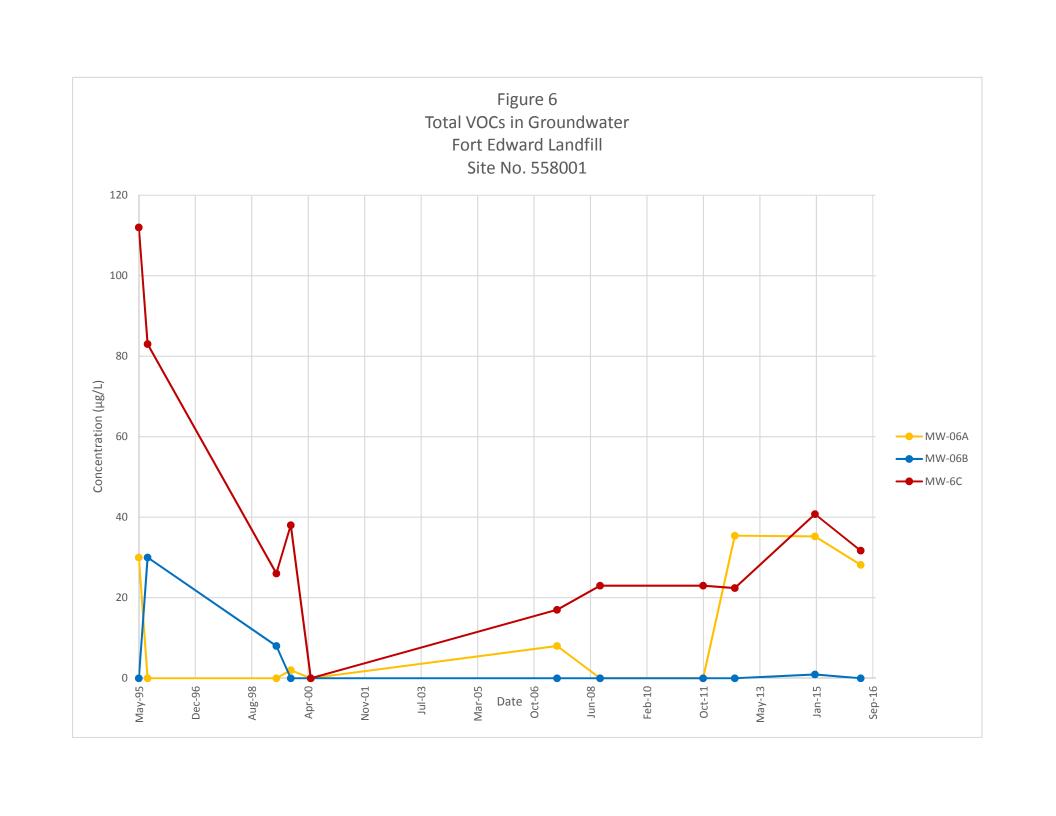
**FIGURE** 

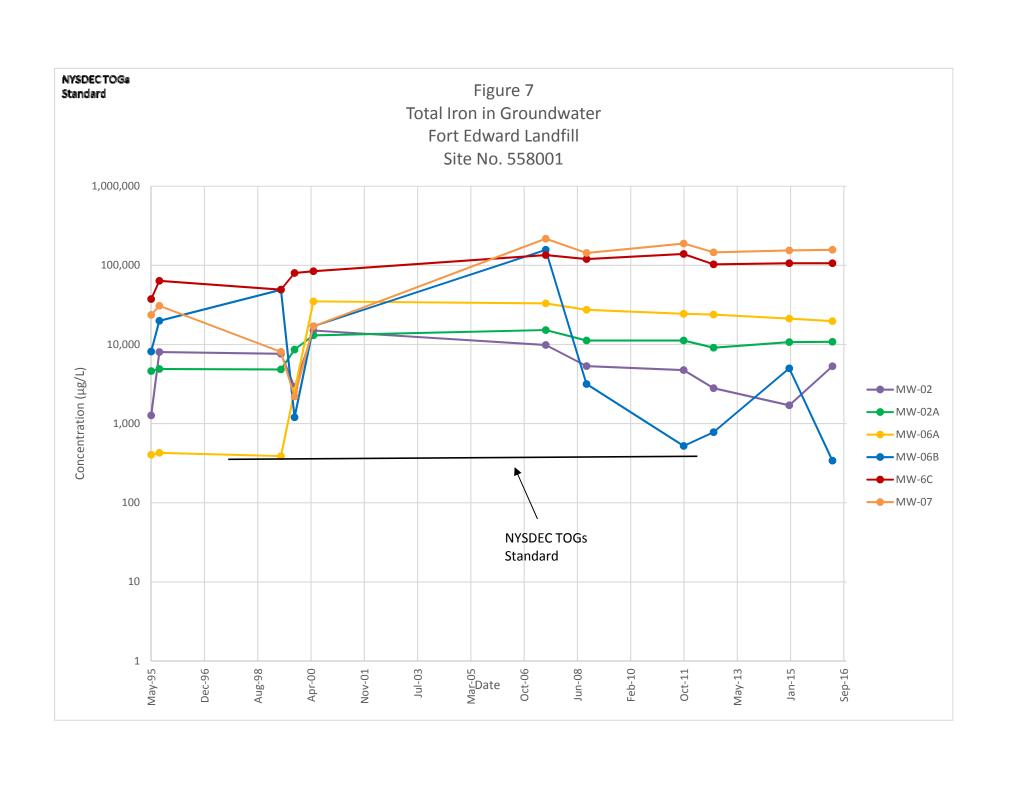


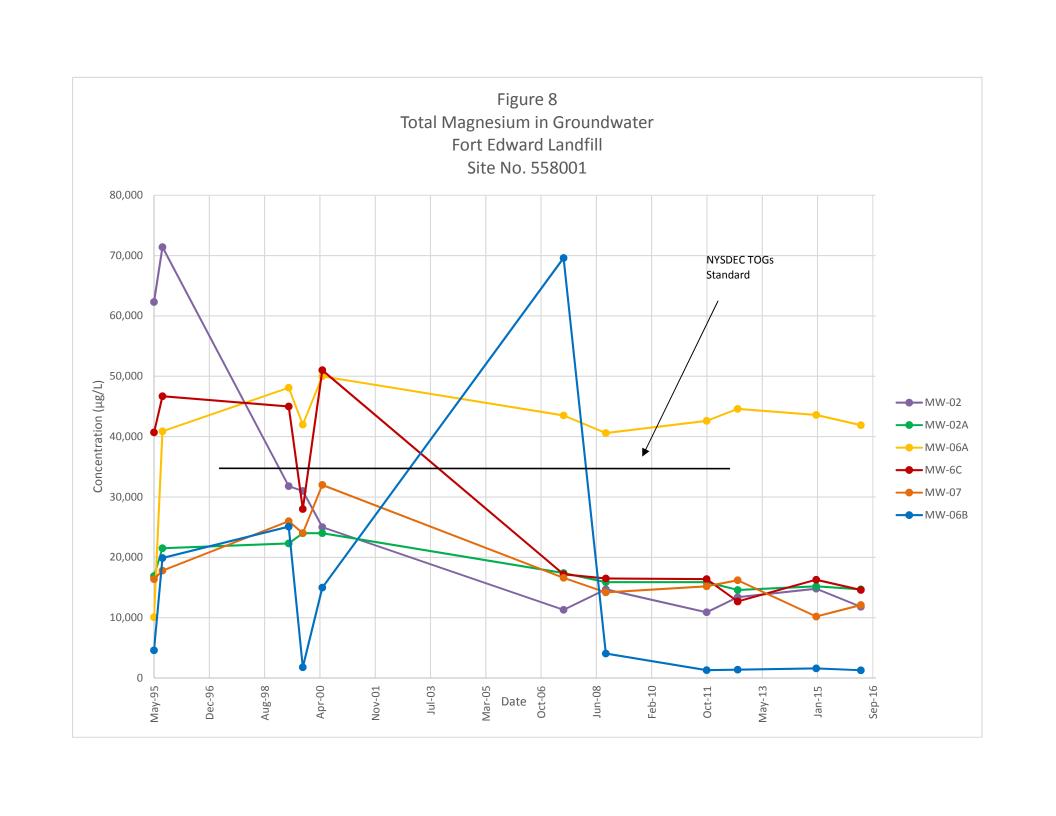


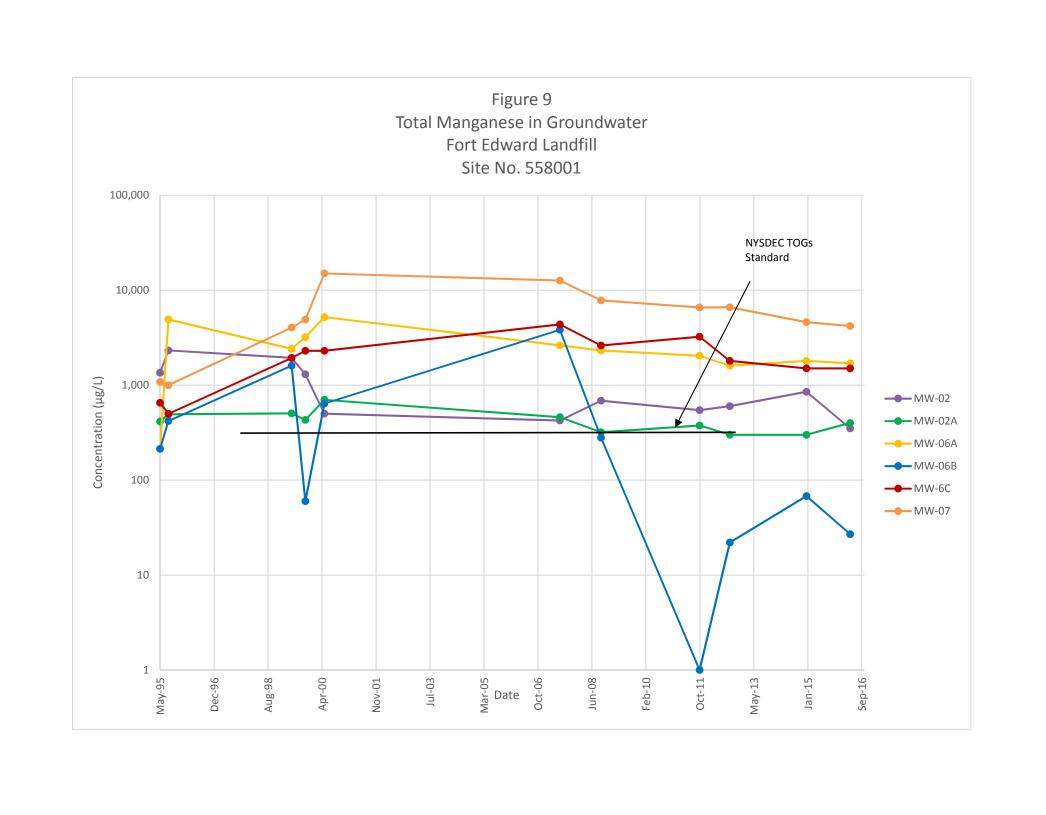


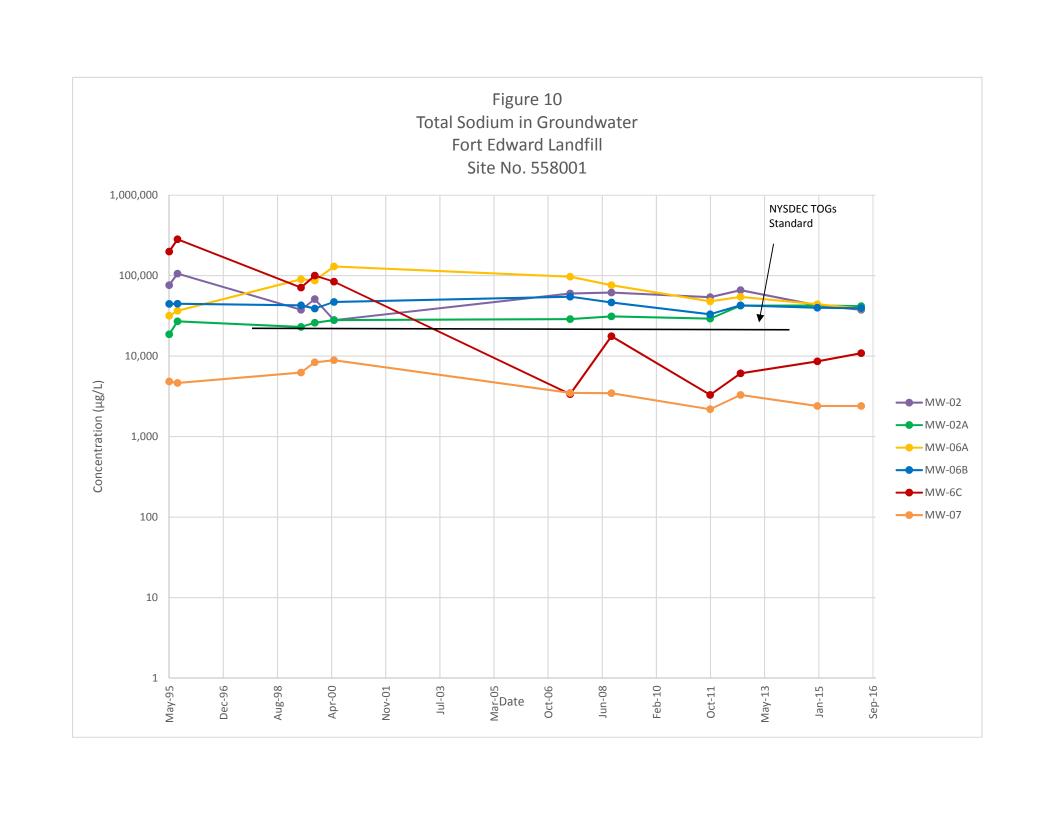












## **APPENDIX A**

**Well Inspection Forms** 

MODIFICIAL PROPERTY P	SITE ID.: INSPECTOR:	123 85
MONITORING WELL FIELD INSPECTION LOG	DATE/TIME: WEII ID.:	2/19/19
WELL VISIBLE? (If not, provide directions below)	YES	S NO
WELL COORDINATES? NYTM XNYTM Y	V	
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
WELL I.D. VISIBLE?	YES	NO X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	Y	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		X
SURFACE SEAL PRESENT?	-\lambda	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	11-
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED	100	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:	245	e1.4'
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
OCK PRESENT?	YES	NO NO
LOCK FUNCTIONAL?	. 3	
DID YOU REPLACE THE LOCK?		3
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		V
WELL MEASURING POINT VISIBLE?		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	48	59
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	34	- LIL
MEASURE WELL DIAMETER (Inches):	3,	)
WELL CASING MATERIAL:	PV	0
PHYSICAL CONDITION OF VISIBLE WELL CASING:	_0]	<
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	_N	soc_
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overlipes, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NI	ead CESSARY	
In field-holf way up hill, our frace		
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.)	
ON Hill, near property main yete.		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
Luced fill		
REMARKS:		

MONITORING WELL FIELD INSPECTION LOG  WI		5/16/16 MM·01
VELL VISIBLES (If not provide directions to be	YE	NO NO
WELL VISIBLE? (If not, provide directions below)	. \	
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		T.
WELL LD VISIBLE?	YES	3 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:	X	
SURFACE SEAL PRESENT?	N	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	<b>₩</b>	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		-
(If damaged, describe below)		
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	61	. П
PROTECTIVE CASING MATERIAL TYPE:	Her	7
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	37 4	. 4
the state of the s	YES	S NO
OCK PRESENT?	. 👿	NO
OCK FUNCTIONAL?	. X	
DID YOU REPLACE THE LOCK?	UX	V
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		×
WELL MEASURING POINT VISIBLE?		- "
	1-5	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	6	510
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	4	2.65
MEASURE WELL DIAMETER (Inches):	2	
WELL CASING MATERIAL:	. PV	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	0,	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	1	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		ONE
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overfower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NI	nead	
	ECESSARY.	
de Habt encer- peur jote - on hill.		
		-
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.		
lucated in tidel, but was up hill, near entry	( rate	
)   , , , , , , , , , , , , , , , , , ,	0 0	
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
Kingsburg land till		
· · · · · · · · · · · · · · · · · · ·		
REMARKS:		

MONITORING WELL FIELD INSPECTION LOG	INSPECTO DATE/TIN WEII ID.;		Shalk 19
JELL VICTOLES (IC., and A.		YES	N0
/ELL VISIBLE? (If not, provide directions below)		Q	
/ELL COORDINATES? NYTM XNYTM Y			
PDOP Reading from Trimble Pathfinder: Satelites:			
GPS Method (circle) Trimble And/Or Magellan			
		YES	NO
/ELL 1,D, VISIBLE?		X	
/ELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)//ELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		X	
URFACE SEAL PRESENT?		-	
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)			
ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		×	
EADSPACE READING (ppm) AND INSTRUMENT USED		-	
YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	3	EL.	180 27/2
ROTECTIVE CASING MATERIAL TYPE:		5)	177 3418
EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		6.5"	
The state of the s		YES	l NO
OCK PRESENT?			NO
OCK FUNCTIONAL?		8	
ID YOU REPLACE THE LOCK?		4	1
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)			<b>V</b>
/ELL MEASURING POINT VISIBLE?		V	4
		- JI	
EASURE WELL DEPTH FROM MEASURING POINT (Feet):		174	CI
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		200	CI
EASURE WELL DIAMETER (Inches):		30.7	11
/ELL CASING MATERIAL:		DVC	
HYSICAL CONDITION OF VISIBLE WELL CASING:		AL	
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		Liki	Ola eo
ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES		Monda	P1C-344
		1161	<u> </u>
ESCRIBE 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 N	rhead VECESSARY		
age path across a rear field			
1, 110			
ESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	en, etc.)		
in Field			
187.00			
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
e.g. Gas station, salt pile, etc.):			
land fill			
IKINC) 1. T.		-	
EMARKS:			

Sketch

MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME; WEII ID.:	19/46 19/46	
	YES	s NO	
WELL VISIBLE? (If not, provide directions below)	X	11/1	
WELL COORDINATES? NYTM XNYTM Y			
PDOP Reading from Trimble Pathfinder: Satelites: Satelites:			
GPS Method (circle) Trimble And/Or Magellan		2 120	
WELL I.D. VISIBLE?	YES	s NO	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	····		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	X		
WELL I.D. AS IT AFFEARS ON PROTECTIVE CASING OR WELL:	4		
CIDEACE SEAL PRESENTS	- 7		
SURFACE SEAL PRESENT?SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	<del>\\</del>		
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	<del>  X</del>	33 55	
ROTECTIVE CASING IN GOOD CONDITION: (II dainaged, describe below)	X		
HEADSPACE READING (ppm) AND INSTRUMENT USED	0. 5	000	
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	0,1	16m	
PROTECTIVE CASING MATERIAL TYPE:	-		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	-		
THE RESIDENCE OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OF	YE	S NO	
OCK PRESENT?		3 110	
LOCK FUNCTIONAL?			
DID YOU REPLACE THE LOCK?	····	Y	
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)	,	7	
WELL MEASURING POINT VISIBLE?	. X		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	18,	29	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		29	
MEASURE WELL DIAMETER (Inches):	_ 2	•	
WELL CASING MATERIAL:	··· DVC		
PHYSICAL CONDITION OF VISIBLE WELL CASING:	010		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	_Ne	N =	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over	wheed		
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF	MECECCADY		
at the state of th			
along Office way pet and tench line. through m	on -dort		
	-		
DESCRIPE WELL SETTING (For avample leasted in a field in a leasted in a	100 300 N	*	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gar	aen, etc.)		
AND ASSESS THE TYPE OF RESTORATION REQUIRED.			
on hill -behind min-dury in figure - next to creek			
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
(e.g. Gas station, salt pile, etc.):			
Kingsburg Land Fill			
the same to the time to the same to the sa			

MONITORING WELL FIELD INSPECTION LOG	_SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:	(2) Lot. 5/17/16 MW-24
WELL VIOLE 19 (16	YES	NO NO
WELL VISIBLE? (If not, provide directions below)	LX	
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
Timolo Timolo Imagenan	YES	NO
WELL I.D. VISIBLE?	🗽	NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	··· ×	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	à	
SURFACE SEAL PRESENT?	·x	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	7
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	3	
HEADSPACE READING (ppm) AND INSTRUMENT USED	• ^	Dans
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	is. T	Steel
PROTECTIVE CASING MATERIAL TYPE;	- 6	5 5/201
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
LOCK PRESENT?	YES	NO NO
LOCK FUNCTIONAL?	<del>\</del>	
DID YOU REPLACE THE LOCK?	···	V
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)	*	1 2
WELL MEASURING POINT VISIBLE?	X	11
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	26	. 83
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	3	12
MEASURE WELL DIAMETER (Inches):	2,	
WELL CASING MATERIAL:	7	1
PHYSICAL CONDITION OF VISIBLE WELL CASING:	6)	(
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	_Ne	vr
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, ove	rhead	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF I	ECESSARY.	
Clony of ite way path behind mon-duce to fo		
	172 1.172.	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	142.443	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	ien, etc.)	
on hill belief trace line	***************************************	
The second secon		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
Kingsburg Land Fill		

Sketch

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 LD. VISIBLE?  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  SURFACE SEAL PRESENT?  SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  WELL STATE OF CASING IN GOOD CONDITION? (If damaged, describe below)  WELL STATE OF CASING IN GOOD CONDITION? (If damaged, describe below)  WELL COCK PROTECTIVE CASING INSTRUMENT USED.  WELL CASING IN MATERIAL TYPE:  WELL CASING MATERIAL TYPE:  WELL STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)  WELL MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  WEASURE WELL DEPTH FROM MEASURING POINT (Feet):  WEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  WELL CASING MATERIAL:  PLY COCK PUNCTIONAL?  WELL CASING MATERIAL:	SITE NAME:	SITE ID.: INSPECTOR:	R8
WELL VISIBLE? (If not, provide directions below) WELL COORDINATES? NYTM X PDOP Reading from Trimble Pathfinder: GPS Method (circle) Trimble And/Or Magellan  WELL LD. VISIBLE? WELL LD. VISIBLE? WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL COMPETENT? (If cracked, heaved etc., describe below)  WELL COMPETENT? (If cracked, heaved etc., describe below)  WELL ASSING IN GOOD CONDITION? (If damaged, describe below)  WELL ASSING IN GOOD CONDITION? (If damaged, describe below)  WELL ASSING MATERIAL TYPE:  WEASURE PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  PROTECTIVE CASING MATERIAL TYPE:  WEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  WELL MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  WELL MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  WEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  WELL ASSING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE	MONITORING WELL FIELD INSPECTION LOG	DATE/TIME:	5/17/16
WELL LD. VISIBLE?  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  WELL COMPETENT? (If cracked, heaved etc., describe below)  WELL CASING IN GOOD CONDITION? (If damaged, describe below)  WELL CASING IN GOOD CONDITION? (If damaged, describe below)  WELL CASING IN GOOD CONDITION? (If damaged, describe below)  WELL CASING IN AND INSTRUMENT USED.  PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  WEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  WEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  YES NO  UCK FUNCTIONAL?  DID YOU REPLACE THE LOCK?  IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  WELL MEASURING POINT VISIBLE?  WEASURE WELL DEPTH FROM MEASURING POINT (Feet):  WEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  WEASURE WELL DEPTH OWATER FROM MEASURING POINT (Feet):  WEASURE WELL DAMETER (Inches):  PLEASURE WELL CONDITION OF VISIBLE WELL CASING:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  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.  PROSECRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  AND ASSESS THE TYPE OF RESTORATION REQUIRED.	WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: Satelites:	X_	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).  WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  SURFACE SEAL PRESENT?  SURFACE SEAL PRESENT?  SURFACE SEAL COMPETENT? (if cracked, heaved etc., describe below).  WELL ASING IN GOOD CONDITION? (if damaged, describe below).  WELL ASING MAD INSTRUMENT USED  PROTECTIVE CASING AND INSTRUMENT USED  PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (if applicable)  PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (if applicable)  PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (inches):  WELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (inches):  MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (inches):  MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  ME	WELL ID VISIBLE?		NO
SURFACE SEAL COMPETENT? (if cracked, heaved etc., describe below)  PROTECTIVE CASING IN GOOD CONDITION? (if damaged, describe below)  HEADSPACE READING (ppm) AND INSTRUMENT USED.  PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (if applicable)  PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  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 WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  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.	WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		X
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  HEADSPACE READING (ppm) AND INSTRUMENT USED  PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  LOCK PRESENT?  LOCK PRESENT?  LOCK FUNCTIONAL?  DID YOU REPLACE THE LOCK?  IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DEPTH 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.  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.	SURFACE SEAL PRESENT?		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  LOCK PRESENT?  LOCK PUNCTIONAL?  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 WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  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.	SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)		
COCK 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 WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE.  PHYSICAL CONDITION 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.  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.	HEADSPACE READING (ppm) AND INSTRUMENT USED  TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  PROTECTIVE CASING MATERIAL TYPE:	0.5 Stel	/PPM 15A
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 WELL DIAMETER (Inches):  WELL CASING MATERIAL:  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.	MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YES	NO
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 WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE.  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  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.	LOCK PRESENT?		X
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  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  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.			
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  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.	DID YOU REPLACE THE LOCK?		×
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE.  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  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.	IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)	7.0	×
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  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.	WELL MEASURING POINT VISIBLE?	X	
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	MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	2.8	5
WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	6,-	33
PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		_61	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			c
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.		2/5	- Y
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.    Class   Com   Seal -		-	
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.	PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	_No	0€
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N	ECESSARY.	· · · · · · · · · · · · · · · · · · ·
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	en, etc.)	
	그리고 있는데 아름다면 하게 하게 되는데 되는데 되는데 되는데 있다면 하는데 하는데 하는데 하는데 하는데 하는데 하는데 바로 바로 바로 하는데 하는데 아무리를 하는 것이다.		
	In fragm 428		

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

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

Kimsbur Lend Fil

SITE NAME: F) FALLOS LOS (,'1)  INS  MONITORING WELL FIELD INSPECTION LOG  WE		119/185 5/19/16 NW-5
WELL VISIDLES (If not provide discotions below)	YES	NO
WELL VISIBLE? (If not, provide directions below)	·· LX	
WELL COORDINATES? NYTM X NYTM Y PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
that of magnini	YES	NO
WELL I.D. VISIBLE?		X
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	1
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	7	'y'
	1	^
SURFACE SEAL PRESENT?	V	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Ŷ	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		Steel
PROTECTIVE CASING MATERIAL TYPE:	A fee	<b></b>
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	6"	
LOCK PRESENT?	YES	NO
LOCK FUNCTIONAL?		
DID YOU REPLACE THE LOCK?	··· \_\X_	V V
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		3
WELL MEASURING POINT VISIBLE?	X	17
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	in.	200
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	10,0	27
MEASURE WELL DIAMETER (Inches):	PV	
WELL CASING MATERIAL:	700	-
PHYSICAL CONDITION OF VISIBLE WELL CASING:	- Ot	_
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over	head	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N		
Crass Field - down hill from E-1 towards 5.	- 2	
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a gard	en, etc.)	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
next to penul and slurg mall		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
) ciarybun Land Fill		

Sketch

WELL VISIBLE? (If not, provide directions below)  WELL COORDINATES? NYTM X	YES X	
WELL COORDINATES? NYTM X	X	3 NO
PDOP Reading from Trimble Pathfinder:	X	S NO
GPS Method (circle) Trimble And/Or Magellan  WELL I.D. VISIBLE?  WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	S NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	S NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	YES	
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  SURFACE SEAL PRESENT?  SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  MEADSPACE READING (ppm) AND INSTRUMENT USED.  PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  MOCK PRESENT?  MOCK FUNCTIONAL?  MOTOR OF THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  MELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  MEASURE WELL DIAMETER (Inches):  MELSURE WELL CONDITION OF VISIBLE WELL CASING:  MELSURE WELL DIAMETER (Inches):  MELSURE WELL CONDITION OF VISIBLE WELL CASING:  MELSURE WELL DIAMETER (Inches):  MELSURE WELL DIAMETE	YES	
URFACE SEAL PRESENT?  URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	YES	
BURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	YES	
URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	Y	s NO
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  HEADSPACE READING (ppm) AND INSTRUMENT USED	(7)	1
PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  LOCK PRESENT?  LOCK FUNCTIONAL?  DID YOU REPLACE THE LOCK?  S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) WELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches); MEASURE WELL DIAMETER (Inches); WELL CASING MATERIAL: PHYSICAL CONDITION OF VISIBLE WELL CASING: ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	1	
PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  LOCK PRESENT?  LOCK FUNCTIONAL?  DID YOU REPLACE THE LOCK?  S 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  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	~	
PROTECTIVE CASING MATERIAL TYPE:  MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  OCK PRESENT?  OCK FUNCTIONAL?  DID YOU REPLACE THE LOCK?  S 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  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	51	PAR.
ACCESTIVE CASING INSIDE DIAMETER (Inches):  OCK PRESENT?  OCK FUNCTIONAL?  OID YOU REPLACE THE LOCK?  STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  VELL MEASURING POINT VISIBLE?  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:  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)	574	N 911+
OCK PRESENT? OCK FUNCTIONAL? DID YOU REPLACE THE LOCK? STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) VELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): MEASURE WELL CASING MATERIAL: MYSICAL CONDITION OF VISIBLE WELL CASING: MITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE MENOXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	17 C	
OCK FUNCTIONAL? DID YOU REPLACE THE LOCK? STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below) VELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet): MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): MEASURE WELL DIAMETER (Inches): MEASURE WELL DIAMETER (Inches): MEASURE WELL CASING MATERIAL: MHYSICAL CONDITION OF VISIBLE WELL CASING: MITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE MEROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	YES	S NO
STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below) VELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  MEASURE WELL DIAMETER (Inches):  MEASURE WELL CASING MATERIAL:  MYSICAL CONDITION OF VISIBLE WELL CASING:  MITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  MEROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	X	
STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)  VELL MEASURING POINT VISIBLE?  MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches):  VELL CASING MATERIAL:  MHYSICAL CONDITION OF VISIBLE WELL CASING:  MATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  MONOXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	X	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):  MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches);  MEASURE WELL DIAMETER (Inches);  MEASURE WELL CASING MATERIAL:  MYSICAL CONDITION OF VISIBLE WELL CASING:  MATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  MYSICAL TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)		- 3
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.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead)	V	- X.
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches);  WELL CASING MATERIAL:  PHYSICAL CONDITION OF VISIBLE WELL CASING;  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead	1	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  MEASURE WELL DIAMETER (Inches);  WELL CASING MATERIAL:  MYSICAL CONDITION OF VISIBLE WELL CASING;  MYTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  MYTACH ID WARKER (IT WELL CASING)  WELL CASING;  MYTACH ID MARKER (IT WELL CASING)  WELL CASING;  MYTACH ID MARKER TYPE  MYTACH ID WARKER TYPE  MYTACH ID WARKER TYPE  MYTACH ID WARKER TYPE  MYTACH ID WARKER TYPE  MYTACH ID WATER FROM MEASURING POINT (Feet):  MY	17	1.64
WELL CASING MATERIAL:  WHYSICAL CONDITION OF VISIBLE WELL CASING:  WITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  WHYSICAL CONDITION OF VISIBLE WELL CASING:  WITTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  WHYSICAL CONDITION OF CONTROL OF CO	8.0	نعر
PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	3.	<b>S</b>
TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	要	315
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES  DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead	6/	C
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead		
	_/V a	re
lower lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECES	SARY.	
Cheeses by foot- oncress code/sluing wall.		
8		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc	1	
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
Wooded area - part to fonce line - near big	A	
Wood of the state of the state of	tree.	-

MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:	18/BS 5/24/1 MW6/
	YES	NO
VELL VISIBLE? (If not, provide directions below)	LX	
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
Gro manda (entro)	YES	NO
VELL 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	S NO
SURFACE SEAL PRESENT?	\_X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	14	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	14	
TEADORA OF DEADING (mm) AND INSTRUMENT LISED	ma	
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	514	1425
PROTECTIVE CASING MATERIAL TYPE:	310	0
	144	<del>/</del>
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	YE	
OCK PRESENT?		3 110
OCK FUNCTIONAL?		_
DID YOU REPLACE THE LOCK?		1.74
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)	""	13
WELL MEASURING POINT VISIBLE?	V	- 4
WEEL WEASORING FORM FISIBLE: AMARIAN MARKET		
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	G).	38
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	Je.	חר
MEASURE WELL DIAMETER (Inches):	3	
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	Nei	ne
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	F NECESSARY.	
access by Foot - access rade slung wall.		
Cross of too - story - tooly -		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a g	arden, etc.)	,
AND ASSESS THE TYPE OF RESTORATION REQUIRED.		
	- Norh	in to
Wooded area-nost to property tince !!	K IVEN	11

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

King sberg Lead (:1)

REMARKS:

JRFACE SEAL PRESENT?  JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches)	MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME: WEII ID.:	123/13 5/00) MW-6
PLUCORDINATES? NYTM X PDOP Reading from Trimble Pathfinder:  PROP Reading from Trimble Pathfinder:  Satellites:  GPS Method (circle)  Trimble And/Or Magellan  YES NO  X  LL LD. VISIBLE?  ELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  JEFACE SEAL PRESENT?  JUFFACE SEAL PRESENT?  JUFFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  PPE OF PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  PPE OF PROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING MATERIAL TYPE:  JUFFACE SEAL PRESENT?  JUFFACE SEAL PRESENT?  JUFFACE SEAL PRESENTS  JUFFACE SEAL SEAL PRESENTS  JUFFACE SEAL PRES	WELL VIOLED DO (16 not movide disease)	YES	NO
PDOP Reading from Trimble Pathfinder:  GPS Method (circle)  Trimble And/Or Magellan  YES NO  ELL LD. VISIBLE?  ELL LD. VISIBLE?  ELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  JEFACE SEAL PRESENT?  JEFACE SEAL PRESENT?  JEFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  YEO PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  OCK PRESENT?  JOKE FUNCTIONAL?  DYOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  J''  CONTINUE CASING MATERIAL:  OYOU REPLACE THE UNDERSEAL CASING:  THERE EVIDENCE THAT THE WELL CASING:  LA JACK SEAL CONDITION OF VISIBLE WELL CASING:  THE CASING MATERIAL:  OYOU REPLACE THO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  OYOU REPLACE THO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  OYOUR PROTECTIVE (Inches):  EASURE WELL DIAMETER (Inches):  OYOU REPLACE THO WATER FROM MEASURING POINT (Feet):  SECRIBE WELL SITURO OR OVERHEAD UTILITIES  ESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead were lines, proximity to permagnent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  CICCUST ON THE TYPE OF RESTORATION REQUIRED.		. LX	
GPS Method (circle)  Trimble And/Or Magellan  YES NO  YES NO  YES NO  X  LL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)			
ELL LD. VISIBLE?  ELL LO. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  STRACE SEAL PRESENT?  STRACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  WOTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  WOTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  11 CASING MATERIAL:  12 CASING MATERIAL:  13 CASING WATERIAL:  14 CASING MATERIAL:  15 CASING WATERIAL:  16 CASING MATERIAL:  17 CASING MATERIAL:  18 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATERIAL:  11 CASING WATERIAL:  12 CASING WATERIAL:  13 CASING WATERIAL:  14 CASING WATERIAL:  15 CASING WATERIAL:  16 CASING WATERIAL:  17 CASING WATERIAL:  18 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATERIAL:  11 CASING WATERIAL:  11 CASING WATERIAL:  12 CASING WATERIAL:  13 CASING WATERIAL:  14 CASING WATERIAL:  15 CASING WATERIAL:  16 CASING WATERIAL:  17 CASING WATERIAL:  18 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  10 CASING WATERIAL:  11 CASING WATERIAL:  11 CASING WATERIAL:  12 CASING WATERIAL:  13 CASING WATERIAL:  14 CASING WATERIAL:  15 CASING WATERIAL:  16 CASING WATERIAL:  17 CASING WATERIAL:  18 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  10 CASING WATERIAL:  11 CASING WATERIAL:  11 CASING WATERIAL:  12 CASING WATERIAL:  13 CASING WATERIAL:  14 CASING WATERIAL:  15 CASING WATERIAL:  16 CASING WATERIAL:  17 CASING WATERIAL:  18 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  19 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATERIAL:  10 CASING WATER			
ELL LD. VISIBLE?  ELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  JRFACE SEAL PRESENT?  JRFACE SEAL PRESENT?  JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED  POPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  COCK PRESENT?  COCK PRESENT?  COCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  LI JA	of 5 Wellion (circle) Thinble Allayof Wagerian	VEC	NO
ELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	VELLID VISIRIE?		NO
ELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:  VES NO  URFACE SEAL PRESENT?  URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  PPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  OCK PRESENT?  OCK PRESENT?  OCK PRESENT?  OCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  4 YSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (If well ID is confirmed) and IDENTIFY MARKER TYPE  COXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  EASURE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.		· ×	-
URFACE SEAL PRESENT?  JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  NOTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED  PPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  CCK PRESENT?  CCK PRESENT?  CCK PRESENT?  CCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  EASURE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  CLL CASING MATERIAL:  CLL CASING MATERIAL:  CLL CASING MATERIAL:  CLL CASING MATERIAL:  CONTROL OF CONTROL OF VISIBLE WELL CASING:  CLL CASING MATERIAL:  CONTROL OF CONTROL OF VISIBLE WELL CASING:  CONTROL OF CONTROL OF VISIBLE WELL CASING:  CONTROL OF C	TOO BOCK HOLD WATER SITE WAY! (II not, sketch actual location on back)	LX.	
JRFACE SEAL PRESENT?  JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ACOTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED.  JPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  JPE OCK FUNCTIONAL?  JOYOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WILL OCONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  WOXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE 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.  CICLUS OF TOWN RESTORATION REQUIRED.	VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
JRFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED		YES	NO
REFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)  ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)  EADSPACE READING (ppm) AND INSTRUMENT USED	URFACE SEAL PRESENT?	X	
EADSPACE READING (ppm) AND INSTRUMENT USED.  YPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  COCK PRESENT?  COCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  CI. 17  COCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  CI. 17  COCK FUNCTION OF VISIBLE WELL CASING:  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  CI. 17  COCK FUNCTION OF VISIBLE WELL CASING:  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  CI. 17  COCK FUNCTION OF VISIBLE WELL CASING:  THERE EVIDENCE THE LOCK?  AND ASSESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead were lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.  CICCUS OF THE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	URFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	1	
PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  CL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXCRIBE 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.  CLCESS D GOLD STULL (Well ID is confirmed) and IDENTIFY MARKER TYPE  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.  CLCESS D GOLD STULL (Well ID SCENERAL)  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.	ROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)		_4
PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)  ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  CI. 17  DCK PRESENT?  A COUNTY WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  CYC HICKORY  AND ASKES 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.  CICCES D COUNTY IN A garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	EADSPACE READING (npm) AND INSTRUMENT USED	0.5	
ROTECTIVE CASING MATERIAL TYPE:  EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  COXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.  DESCRIBE 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.  CLEEDS OF THE TYPE OF RESTORATION REQUIRED.		0,0	11136
EASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):  DCK PRESENT?  DCK FUNCTIONAL?  ID YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  ITACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  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.  CACCESS OF FOR TIME TYPE OF RESTORATION REQUIRED.		\$ 5	1.1
DCK PRESENT?  DCK FUNCTIONAL?  DCK FUNCTIONAL?  DCY QUEPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  CYC  TYSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXCAMINITY 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.  CACCESS OF FORCESS (ACCUSIVELY WALL)  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.		- Li	11
DCK PRESENT?  DCK FUNCTIONAL?  DO YOU REPLACE THE LOCK?  THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (If well ID is confirmed) and IDENTIFY MARKER TYPE  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.  CACCESS OF TOWER OF THE PROMETER (Inches):  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
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXCXIMITY 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.  CACCESS OF COLUMN (In a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	OCK PRESENT?	💢	
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXCIMITY 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.  CACCESS DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	OCK FUNCTIONAL?	0	
THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)  ELL MEASURING POINT VISIBLE?  EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  TACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXCIMITY 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.  CACCESS DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	DID YOU REPLACE THE LOCK?		X
EASURE WELL DEPTH FROM MEASURING POINT (Feet):  EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  FTACH 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 LOCATION ON BACK, IF NECESSARY.  CICERS DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.	S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  ITACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXOXIMITY 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 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.	VELL MEASURING POINT VISIBLE?	X	
EASURE DEPTH TO WATER FROM MEASURING POINT (Feet):  EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  ITACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXOXIMITY 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 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.	MEASURE WELL DEPTH FROM MEASURING POINT (Feet)	CI	WN
EASURE WELL DIAMETER (Inches):  ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  ITACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  EXOXIMITY 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 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.		11.	32
ELL CASING MATERIAL:  HYSICAL CONDITION OF VISIBLE WELL CASING:  ITACH 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 LOCATION ON BACK, IF NECESSARY.  CICERS DE COLUMBIA (For example, located in a field, in a playground, on pavement, in a garden, etc.)  ND ASSESS THE TYPE OF RESTORATION REQUIRED.		70.	,
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 LOCATION ON BACK, IF NECESSARY.  CICERS DE COLORS (COLORS) (COLORS)  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.		. Ov	-
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.  CICERS DE FORT - OCCESS (COUNTIES)  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.			
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.  CICERS DE TOCH - OF COSS (COC) SIVILE (COS)  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.	TTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE		_
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.	ROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	New	ne.
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.	ESCRIBE ACCESS TO WELL (Include aggestibility to trusk mounted signetural abstructions	e and	
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.			
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.		LCLSSAK1.	
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	CACCOS ST 1067 - OKTOSS (BUY) TUTTE WAIT.		
ND ASSESS THE TYPE OF RESTORATION REQUIRED.			-
ND ASSESS THE TYPE OF RESTORATION REQUIRED.	ESCRIBE WELL SETTING (For example, located in a field, in a playground, on payement, in a garden	en, etc.)	
	:	, oto.)	
woon me acen - 11 mgs to property tence 1. me, Iver by		00 01	6. 1
	Many to Welled Love 1.	ive, iver	10/5

MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME:	Reful
	WEII ID.:	WAY
WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL COORDINATES? NYTM XNYTM Y		
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan		
, maso magenini	YES	NO
WELL I.D. VISIBLE?	Y	NU
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	13	
WELL LD. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	X	
SURFACE SEAL PRESENT?	1	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	1	-
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Ded	. 41
PROTECTIVE CASING MATERIAL TYPE:	5) 4	-4"
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	1	
OCK PRESENT?	YES	NO
OCK FUNCTIONAL?	6/1/2	X
DID YOU REPLACE THE LOCK?		
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		<del>  X</del>
WELL MEASURING POINT VISIBLE?	X	×
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):		14.
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	-37	,70
MEASURE WELL DIAMETER (Inches):	1.0	1
WELL CASING MATERIAL:	DVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	0).	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	_01	
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	Non	14
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead	ead	
power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NE	CESSARY.	
tollow glucce well from fourt gate - well along fine	ine.	
3 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.		
setween frace and slurge wall gones fidel		
d districted		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
) Clarity of M. F.M		
)company Land f.l)		
- 10-00-00		
EMARKS:		

SITE NAME: FINT Edward Land III	SITE ID.:	ifort Eduar
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR:	<u>kc</u>
MOTAL ORDING WEDD FIEDD MORECTION EOG	DATE/TIME; WEII ID.:	5/17/14/10 MW-8
WELL VISIBLE? (If not, provide directions below)	YE	S NO
WELL COORDINATES? NYTM XNYTM Y		<b>«</b>
PDOP Reading from Trimble Pathfinder: Satelites:		
GPS Method (circle) Trimble And/Or Magellan	-	
VELL I.D. VISIBLE?	YE	S NO
VELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	×	
VELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
	Malall	
SURFACE SEAL PRESENT?	ally fell	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1
HEADSPACE READING (ppm) AND INSTRUMENT USED		O. Oppn
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Stee	11
ROTECTIVE CASING MATERIAL TYPE:		cel
ÆASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		nches -squar
OCK PRESENT?	YE	S NO
OCK FUNCTIONAL?		,
ID YOU REPLACE THE LOCK?		V
STHERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		×
WELL MEASURING POINT VISIBLE?	L×	1
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	17	2 42 floor
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):		1 7 1
ÆASURE WELL DIAMETER (Inches):		Zinches
VELL CASING MATERIAL:		VC.
PHYSICAL CONDITION OF VISIBLE WELL CASING:		god and
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	The second secon	mo
		one
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		200000
	11 tence -	acelss
gott cand Hollow Kond.	-	
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.	on many	
9 MGS arec		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
[ancin II		
EMARKS:		

Sketch

MONITORING WELL FIELD INSPECTION LOG	SITE ID.: INSPECTOR: DATE/TIME: WEll ID.:	81 35 51 1916 NO NEV
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	S NO
	YES	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:	X	
SURFACE SEAL PRESENT?	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) PROTECTIVE CASING MATERIAL TYPE: MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	363 52. 53.	
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?	1	NO NO
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	8 3 5 3	°6
PHYSICAL CONDITION OF VISIBLE WELL CASING:  ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE  PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	9)4	e E
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N	head	
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.)	
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):		
REMARKS:		

MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.:	R3 5)18/16 E-1	
WELL VISIBLE? (If not, provide directions below)  WELL COORDINATES? NYTM XNYTM YNYTM Y	YES YES	S NO	
PDOP Reading from Trimble Pathfinder: Satelites: Satelites: Magellan	-		
WELL I.D. VISIBLE?	YES	NO NO	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	. 50		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	X		
SURFACE SEAL PRESENT?		Q.	
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)	7.	h 1 /	
PROTECTIVE CASING MATERIAL TYPE:	5141	ard brief	
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	6"	71	
OCK DDECENTS	YES		
OCK PRESENT?	<u>X</u>		
OCK FUNCTIONAL?	X		
S THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X	
WELL MEASURING POINT VISIBLE?		1 3	
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	42	65	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet);	_,_,		
MEASURE WELL DIAMETER (Inches):	6"	-	
WELL CASING MATERIAL;	PVC	34103	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Ok		
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE			
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	Non	e	
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, over lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF N	head		
I wester along delve poth on too of LF	ECESSARY,		
1956 40 AISIN B. 169 17 LT	117.002.000		
DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garde			
AND ASSESS THE TYPE OF RESTORATION REQUIRED.	on, etc.)		
gravel orea colone el sive porth			
maye printe perm			
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT			
(e.g. Gas station, salt pile, etc.):			
1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
kingsbung Lt			
REMARKS:			
STERVICE DAYS OF			

SITE NAME: F7 EQUECTS	SITE ID.:	
MONITORING WELL FIELD INSPECTION LOG	INSPECTOR: DATE/TIME: WEII ID.;	E-3 E-3
WELL VISIBLE? (If not, provide directions below)  WELL COORDINATES? NYTM XNYTM Y  PDOP Reading from Trimble Pathfinder:Satelites:	YES X	S NO
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)	X	
SURFACE SEAL PRESENT?		
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	*
HEADSPACE READING (ppm) AND INSTRUMENT USED	Vacl	t/m-nhal
	YES	NO
LOCK PRESENT?		NO 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
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	44	
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	- 33	.83.
MEASURE WELL DIAMETER (Inches):	- 61.7 - 12.2	10
WELL CASING MATERIAL:	· PVC	
PHYSICAL CONDITION OF VISIBLE WELL CASING:	Ols	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPEPROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	No	-
DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overly power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NI	nead	
along the road way path		(21)
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.)	
Der fond grass filed		
, ), )		
IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT		
(e.g. Gas station, salt pile, etc.):		
Jumpsbury Lunch fill		
REMARKS:		
india indico.		
		<del>/</del>

MONITORING WELL FIELD INSPECTION LOG  DATE  TO SERVICE OF THE PROPERTY OF T	E ID.: PECTOR: TE/TIME: I ID.:	STATE STATE	
WELL VISIBLE? (If not, provide directions below)	YES	NO	
WEED COORDINATES: NIIM X NYTMY	×		
PDOP Reading from Trimble Pathfinder: Satelites:			
GPS Method (circle) Trimble And/Or Magellan			
WELL LD. VISIBLE?	YES	NO	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X		
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: E-3 CA Color Panel	X		
SURFACE SEAL COMPETENTS (IS. )			
dold ACE SEAL COVIDETENT! (II cracked, heaven etc. describe below)	V-	- X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	X	
HEADSPACE READING (ppm) AND INSTRUMENT USED			
TIPE OF PROTECTIVE CASING AND HEIGHT OF STICKID IN FEET (Familiants)	-		
PROTECTIVE CASING MATERIAL TYPE:			
	·		
LOCK PRESENT?	YES	NO	
LOCK FUNCTIONAL?		9	
DID TOO REPLACE THE LUCK?		1	
is There Evidence That THE WELL IS DOUBLE CASED? (If we describe below)		1 %	
WELL MEASURING POINT VISIBLE?		1 X	
MEASURE WELL DEPTH EDOM MEASURING DODIES.			
MEASURE WELL DEPTH FROM MEASURING POINT (Feet):			
MEASURE WELL DIAMETER (Inches):	32,0	5	
WELL CASING MATERIAL:	-6.		
PHYSICAL CONDITION OF VISIBLE WELL CASING.	DVC	-	
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	-Gle		
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	00 C		
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 NECESS of the cody of the cody.			
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.  SEAD TO Sluce - and of clive Poth - gravelfies a	( * *		
DENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):			
REMARKS:			

## **APPENDIX B Groundwater Sampling Purge Logs**

Site Name	FI Edward
Site Location	
Well ID Sampled By	MAKGI
Sampled By	(3 BS

Flush Mount or Riser	Riser
Measuring Point	TOR
Measuring Point Elevation	
Depth to Water	39184 11.03
Depth to Bottom of Well	78.54

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1,0195
6	1.4681
8	2.6100
10	4.0782
12	5,8726

Date	5/12/16
Weather	DO SLON
Purging Equipment	Meason
Sampling Equipment	Mension
Decon Method	1)10000
Riser Diameter	3"
Well Volume Calculation	4.25

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature 🔊	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
2,65	Stept			6				41.03	-
9:10	1,0	0.0	6,33	13.81	2,67	0397	240	42.80	10.7
2:15	2.0	0.0	6,25	13.30	2.18	0.393	218	43.53	11,0
2,30	3,0	0.0	6.26	12,85	1.92	0,357	208	44,45	
3,35	4.0		6.26		<b>\$1.9</b> 0	4378	204		
	Sampled	2:25							
	10	10.0			1000				
		10016; heart							
			-						

Site Name	7) Edward LF
Site Location	EX Edward NY
Well ID	MW-DIA
Sampled By	85 + 66

Flush Mount or Riser	611.50
Measuring Point	TOR
Measuring Point Elevation	
Depth to Water	40.65
Depth to Bottom of Well	65.10

Stabilization is achieved when the following changes are noted over three consecutive 3-6 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia, Well	Well Volume Multiplier
1	0.0408
1,5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0762
12	5.8726

Date	5/16/16
Weather	Overcent
Purging Equipment	Minson
Sampling Equipment	H
Decon Method	glunox
Riser Diameter	2"
Well Volume Calculation	1275/1005

Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (5)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
Start					7 2 2 1		40,78	15.7
1.0	0,0	10,52	11.27	0.29	0.116	25	50,32	
2.0	0.0	10.13	11.45	0,08	७,०९	-a	51.10	
2.5	0,0	10.62	11.67	00,00	0-191	35	5).80	15.6
3.0	0.0	10,58	12.15	0,00	0,122	-60	52.51	
4.0	0.0	10.56	12.41	0.00	0.122	-U8	54.30	16.0
4.5	0.0	10.53	12.33	60,0	0.120	-83	55.23	
5,0		10.49	12.64	0.50	0121	- elj	55.98	
6.0		10 C	12.41	0.00	0.120	158		
7.0	0,0	10,21	12.52	000	0,096	-H.1: F	" Fell	014-
1100 7.5	20					,		
	,							
40000								
	(Gallons)  Start  1.0  2.0  2.5  3.0  4.0  4.5  5.0  6.0  7.0	(Gallons) Turbidry (NTO)  Styrt  1.0 0.0  2.0 0.0  2.5 0.0  3.0 0.0  4.0 0.0  4.0 0.0  5.0 0.0  5.0 0.0  7.0 0.0	(Gallons) Turbidity (NTO) pri Start  1.0 0.0 10.52  2.0 0.0 10.63  3.0 0.0 10.63  3.0 0.0 10.56  4.0 0.0 10.53  5.0 0.0 10.49  6.0 0.0 10.21	(Gallons)  1 urolaty (N10)  Styrt  1.0  0.0  10.52 11.27  2.6  0.0  10.43 11.45  3.0  0.0  10.53 12.15  4.0  0.0  10.53 12.33  5.0  0.0  10.44 12.41  7.0  0.0  10.21 12.52	(Gallons)  Start  1.0  0.0  10.52 11.2  0.29  2.0  0.0  10.43  11.45  0.08  2.5  0.0  10.62  11.67  0.00  3.0  0.0  10.58  12.15  0.0  4.0  0.0  10.53  12.33  0.03  5.0  0.0  10.44  10.50  0.00  10.60  10.	Coalons   Turbidity (NTU)   PH   Temperature (mg/L)   (ms/cm)	Start	(Gallons) Turbidity (NTU)    PH   Temperature (mg/L)   (ms/cm)   OAP (mV)   Depth to Water   Start

Site Name	Fd. Edward, NY
Site Location	Fd. Edward NY
Well ID	WW - OIL
Sampled By	as lac

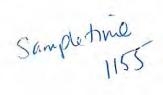
Flush Mount or Riser	(34
Measuring Point	406
Measuring Point Elevation	
Depth to Water	38.91
Depth to Bottom of Well	174.09

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP



0.0408 0.0918 0.1631 0.3670 0.6525
0.1631 0.3670
0.3670
0.6525
1.0195
1.4681
2.6100
4.0782
5.8726

2.3
<i>jun</i>
MASKER ALM
Monsoon
Alconox
65)5"
GCcal

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
10:50	Stirt -								
1655	1.0	0.0	7.63	13.34	1.95	0,216	59	43.68	11,3
160	1.5	0.0	7.76	13,04	1.25	0.213	-11	43.81	
ilo5	0.6	0	29	12.72	1.66	0.210	-76	45.61	
1110	2.45	0.0	7.91	12.44	0-36	0,208	-108	48,79	
1035	2.5	0,0	7.43	17.33	0,69	0,269	~111	19.72	
11,20	3, 0	0.0	8.04	15.22	1.46	0.209	-  3	50,30	
11:25	3.5	0.0	8,13	12.83	2.15	D. 209	-127	50.97	11,5
11:30	4.0	0.0	8.14	12.40	2.10	0.20	-129	50.81	
11:35	5,00	0.0	8.15	12,39	0.00	0.2%	-123	50.46	12.0
11:40	5.5	0.0	8.20	\$13.42	0.00	POG.0	-131	53.55	
11:45	6.0	00	8.21	13.13	6,00	0,209	-139	54.02	
1,:50	6.5	00	8.19	13.08	0.00	0.208	- 140	54.15	12.0
		- 8	ampl	ed —					

Site Name	FT Februscop LF
Site Location	Ft Edward
Well ID	WW - 2
Sampled By	928 / 4Ce

Flush Mount or Riser	Risar
Measuring Point	Tac
Measuring Point Elevation	
Depth to Water	7, 84
Depth to Bottom of Well	18. 24

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

± 10% change in DO and Turbidity

Dia, Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
5	1.4681
8	2.6100
10	4.0782
12	5,8726

Date	5/17/16
Weather	3-00
Purging Equipment	Mursola
Sampling Equipment	Musseen
Decon Method	Alcorex
Riser Diameter	2
Well Volume Calculation	5.25 2 . Des

Volume Removed (Gallons)	Turbidity (NTU)	pН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
Start							7.22	
15	Q. O Mak	7.04	9,690	0.00	,491	-70	8.66	
1	O. O. Max	6.94	10.680	0.00	. 484	-69	8.53	
1.5	924	6,97	11,08c	0.00	.490	-79	8.50	
2	Battey	Died						
2.5	387	7.04	12.19	0.70	.460	-76	8.14	
3	378	7.04	11,840	0.00	,452	-72	8.54	
3,5	70	7,19	11.88c	0.00	,443	71	8.50	
4	45	7,12	12,10c	0,00	,439	-73	8.44	
4,5	23.5	7.11	12,01c	0.00	-433	-7.3	8.55	
5	22	7,10	12.01	0,00	.430	-75	8.53	
5.5	17,2	7,11	12.09c	0.00	.427	-76	851	
Sampled								
	Start 15 1.5 2 2.5 3 3.5 4 4,5 5 6.5	Start  1	Start  1	Start  .5	Start  .5  Q. D. Max 7.04  1.5  924  6.97  11,08c  0.00  2  1.5  38T  7.04  12.19  0.70  3  378  7.04  11.88c  0.00  4  45  7.19  11.88c  0.00  45  7.12  12.10c  0.00  4,5  22  7.11  12.01c  0.00  5.5  17.2  7.11  12.09c  0.00	Start  .5  0.0 Max 7.04 9.69c 0.00 .491  1  0.0 Max 6.94 10.68c 0.00 .484  1.5  924 6.97 11.08c 0.00 .490  2  Battey 0:e0  2  387 7.04 12.19 0.70 .460  3 378 7.04 11.84c 0.00 .452  3.5 70 7.19 11.88c 0.00 .443  4 45 7.12 12.10c 0.00 .439  4.5 23.5 7.11 12.01c 0.00 .433  5 22 7.10 12.01c 0.00 .430  5.5 17.2 7.11 12.09c 0.00 .427	Start  .5  Q. DANK 7.04  9.69c 0.00  1  0.0-Ank 6.94  1.08c 0.00  .484  -69  1.5  924  6.97  11,08c 0.00  .490  -79  2  Battey  0:ed  3  378  7.04  12.19  0.70  .460  -76  3  378  7.04  11.88c  0.00  .443  -71  4  45  1.12  12.10c  0.00  .433  -73  4,5  22  1.10  12.01c  0.00  .427  -76	Start — — 7.22  .5

Horiba Powered off

Site Name	Ex Edward LF
Site Location	
Well ID	Mhr. 2A
Sampled By	My 2A RS/LL

Anen amoun	IGHOII
Flush Mount or Riser	Bire
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	8.42
Depth to Bottom of Well	26.83

cool 30 chings

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia, Well	Well Volume Multiplie		
1	0.0408		
1,5	0.0918		
2	0.1631		
3	0.3670		
4	0.6526		
5	1.0195		
6	1,4681		
8	2.6100		
10	4,0782		
12	5.8726		

Date	5/17/16
Weather	Sunni
Purging Equipment	Menamo
Sampling Equipment	MUDOWO
Decon Method	Micon
Riser Diameter	3"
Well Volume Calculation	934/100

Time	Volume Removed (Gallons)	Turbidity (NTU)	ρН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
845	Start							812	
850	.5	19.3	1.05	9,640	0.00	.353	-49	12.10	
855	1	23.5	7.00	10.23	0,00	.35G	-58	11.78	
900	1,5	20.0	7.01	9.98c	0.00	. 360	-63	12.25	
905	2.5	22.5	7.02	4.96c	0.00	, 361	-68	12.61	
910	3,5	17.6	7.01	9,680	6.00	.361	-69	13.73	
915	4,5	15,8	7.01	9,83c	0.00	-361	-70	13.76	
920	5,0	12,4	7.01	9.89c	0.00	362	-73	13.91	
925	5.5	11.4	7.02	9.96	0.00	.362	-74	13.69	
930	Sampled _	-						-	
-									
						-			-
		E.				J	<u> </u>		

Site Name	FOUT EDWARD LAINE
Site Location	Fort Edward Land
well ID	1111-11
Sampled By	RS . 66

Well Informa	tion
Flush Mount or Riser	Risa
Measuring Point	Tol
Measuring Point Elevation	
Depth to Water	6.33
Depth to Bottom of Well	7.53

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

- ± 3% change in conductivity
- ± 10 millivoit change in ORP
- ± 10% change in DO and Turbidity

Dia, Well	Well Volume Multipli			
1	0.0408			
1.5	0.0918			
2	0.1631			
3	0.3670			
4	0.6525			
5	1.0195			
6	1.4681			
8	2.6100			
10	4.0782			
12	5,8726			

Date	5/17/16
Weather	Sunn
Purging Equipment	Mossel
Sampling Equipment	Monoch
Decon Method	4) when
Riser Diameter	6"
Well Volume Calculation	5:28 9

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
120	Stort						-	6,30	
125	.5	Max	7.29	12,090	0.00	,483	-64	6.54	
130	1	Max	7.25	13.05	0,00	.483	- 15	6.55	
135	1.5	Max	7,26	12.66	0,00	.491	-88	6.74	
140	2	Max	7,24	12.54	0,00	.499	-91	6.84	
145	2.5	Max	7.29	12.65	0.00	,501	-93	6,96	
150	3.5	A-000/442	7,21	10.84	0.00	.497	-90	7.50	
155	Sampled								
155	4	60	1.28	11.35	0.00	-490	-86	7.47	
-		~				-			-
				J	L				l

Site Name	Ft " luved Li
Site Location	
Well ID	MW-5
Sampled By	

11.34
TOR
7,5
10.29

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

- ± 3% change in conductivity
- ± 10 millivoit change in ORP
- ± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1,4681
8	2,6100
10	4.0782
12	5,8726

Date	5/19/16
Weather	Since
Purging Equipment	Pers Pump
Sampling Equipment	40
Decon Method	Chusex
Riser Diameter	à"
Well Volume Calculation	1.25 5000

Time	Volume Removed (Gallons)	Turbidity (NTU)	pН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
	I ALW M	Sund							
	Low V		<i>a</i> 2						
	Sample	1010							-
		-							
						-		-	-
	,								
									-

Site Name	Fot Fellwage
Site Location	
Well ID Sampled By	WM-6
Sampled By	((5

Well Information
Flush Mount or Riser
Measuring Point
Measuring Point Elevation
Depth to Water
Depth to Bottom of Well

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.8525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8728

Date	5/20/16
Weather	Sunna
Purging Equipment	Monston
Sampling Equipment	
Decon Method	MORSION
Riser Diameter	2"
Well Volume Calculation	4.75

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (C)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
57-67			-					8.60	
8:35	1.0	484	6.8	11.00	9,80	5.741			
8:40	2.0	245	6.16	11.02	0.00	0.73	-64		
5:45	3,0	100	6.13	11.27	0.00	0,75	- 68		
8:56	4,0	80	6.12	11.35	0,00	0.76	-68		
8:55		48	6.12	11.71	0.00	0,709	-68		
que	5.0 5-mpla								. L., . ( )
				1					
					*				
								3	
								7,00	
		1							

Site Name	YT Edward L
Site Location	
Well ID	MV- EA
Sampled By	RS/RS

Well informa	ation
Flush Mount or Riser	854
Measuring Point	Tex
Measuring Point Elevation	
Depth to Water	16.71
Depth to Bottom of Well	61.28

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

- ± 3% change in conductivity
- ± 10 millivolt change in ORP
- ± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
-1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
8	1.4681
8	2.6100
10	4.0782
12	5.8728

Date	5/00/16
Weather	Sunn
Purging Equipment	Mondon
Sampling Equipment	Monson
Decon Method	alunex
Riser Diameter	3,
Well Volume Calculation	Q5c ellers

Time	Volume Removed (Gallons)	Turbidity (NTU)	pН	Temperature (C)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
اهزان	Start							10.71	
1605	1.0	300	6.89		0.36	0.656	-74	10,74	
10°.26	2.0	116	6.88		0,00			10.76	
16,25	3.0	110	6.88		0.00	6.674	-74	10,79	
10(30	4.0	100	6,88		0.00	6.677	-76	10.79	
10:35	5.0	ור	G-88		0.00	0.67	-76	10,178	
10:35	Sampla	)							
							23.00		
			,						
	*								

Site Name	FI Edward
Site Location	
Well ID	MW-63
Sampled By	35

AACH IIIIOUTHE	цон
Flush Mount or Riser	rom
Measuring Point	Toc
Measuring Point Elevation	
Depth to Water	16.32
Depth to Bottom of Well	61.47

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

ume Multiplie
0.0408
0.0918
0.1631
0.3670
0.6525
1.0195
1.4681
2.6100
4.0782
5.8726

Date	5/20116
Weather	Sun
Purging Equipment	what Meenson
Sampling Equipment	MONSOON
Decon Method	MONSON
Riser Diameter	2 J.
Well Volume Calculation	81941

Time	Volume Removed (Gallons)	Turbidity (NTU)	pН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
4:00	Hirt					H8 ( + 1 ) (	-: -		
4:05	1541	0.0	8.06	12,50	2.14	0 1148	155	23,45	1017
9:10	1.5941	0.0	8.08	12.68	1.69	0.147	154	26.81	10,4
9:15	2541	0.0	8.07	12.41	1,56	0.148	155	28.03	10:9
9:20	2.5	0,0	8.07	17.86	1,52	0.148	152	29.91	10.4
9:25	3.0	0.0	8.07	13,20	1,52	6.148	152	31,17	12.6
		So	imple	4 —		_			
			-						
	-		-						

Site Name	6.7
Site Location	
Well ID	WW- )
Sampled By	KX 2 666

Dia. Well

1 1.5

2

3 4

5

6

8 10

12

Well Volume Gallons = Multiplier x Length of Water Column

From mitton	niution .
Flush Mount or Riser	Raw
Measuring Point	TOR
Measuring Point Elevation	
Depth to Water	17.61
Depth to Bottom of Well	30.40

Well Volume Multiplier 0.0408

> 0.0918 0.1631

0.3670

0.6525

1.0195

1.4681

2.6100

4.0782

5.8726

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Date	506116
Weather	Cloud
Purging Equipment	worson
Sampling Equipment	11
Decon Method	(1) sonax
Riser Diameter	3.
Well Volume Calculation	4.75

No Change offer 30 deops

WM-U - 15:72 WM-U - 15:72

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
1200	Start -	And the second s	same and fit materials.	per track and lead track trace		the production of the last of		17.43	
२०५	. 5	64.5	C.A	11,94 c	7.26	0.555	-99	17.70	
210	1	0	6,31	11.670	5.5]	0,565	-90	17.85	
1215	2	0	6,35	12.00 €	4.69	0.563	-40	17.82	
1220	3.5	0	6.36	11,830	4,18	0.553	40	17.67	
1225	4	0	(0,55	12.38	3,46	0.550	40	17,75	
1230	4,5	0	6,36		3.82	0.549	-90	17,73	
1235		- Sa.	molid						
			,						

Site Name	FORT Edward Line
Site Location	MW-8
Well ID	MN-X
Sampled By	170

VIOI III OI III	ution
Flush Mount or Riser	riser
Measuring Point	Marked
Measuring Point Elevation	40.000
Depth to Water	7.74
Depth to Bottom of Well	12,42

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia, Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726

Date	15/1/2016
Weather	Sunny@lesu
Purging Equipment	monsden
Sampling Equipment	MAINSUCH
Decon Method	ALCOMOX
Riser Diameter	1,51
Well Volume Calculation	2.33

	Well Volume Gallons = Multip Column	lier x Length of Water	with	reguion	ent in	nell	itwa	as 7. L	3 fbg
Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (F)		Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
0440								8.26	
بالمال				SSI				8.29	
945	0.5 gal	21. 2	7.24	10.70	12.70	0.447	-25	8.37	
950	0.75 gal	12.5	7.18	11.11	11.90	0.439	105	8.54	
1955	Igal	1.6	7.16	10.91-	10:97	0.435	113	8.67	
060	1. 2 gal	0.8	7.13	11.55	10.69	0.429	118	8.73	
1005	1.59	0.0	7.13	11.91	10.52	0.425	119	8.82	
1010	1.75g	0.0	7.14	11.64	10.14	0.432	120	8.94	
	J	-		- 50	mplo	1-			
			Sav	ple to	mi 1	abele	d 1	oyle.	

Site Name	fort Educated In offill
Site Location	
Well ID	MW-NW
Sampled By	BSTRS

ation
Y=18/-
topus rixr
14-
6,30
32.85

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726

Date	5/19/14
Weather	Sun
Purging Equipment	to Perri Hay
Sampling Equipment	perstatiz pur
Decon Method	Alcenox.
Riser Diameter	4,000
Well Volume Calculation	8,1941

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature 📉	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
8:38	Start	1	hadel (1800 majoran) 18 Stranslands.	of before the page of the page of	5 - 100 cm a gas a casa a f	producers on reserve	Contraction of the	**********	4. 7 - 1 -
825	0.574	17.4	7.37	11.23	1.21	1.11	-35	8.73	
8:30	(,0541	18.2	7.36	11.27	0.54	1,12	- 40	9,19	
8:35	1,5 1.11	21.4	7.35	11,11	0/18	1,12	-42	9,36	
8:40	2 541	14.8	7.35	10.836	0.51	1.13	- 44	9.84	.×-
8:45	2,5 81	18.2	7,42	11150	0.00	0:98	-38	10,38	Powerd off
8:50	394	0.4	7.38	11; 25	0.00	0.94	-32	10.98	
8.55	3.5041	19,4	7.36	11,22	0.00	0.45	-29	11.74	
4:00	4.0	2110	7.36	11.19	6.06	6.97	-30	12.16	
9:05	4.5	14.8	7.37	11.15	0,32	1.04	- 33	12.47	
9:10	5.0941	14.1	7.38	11,10	0,57	1,68	-37	13,44	,
9:15	5.594	18.9	7,34	11.12	8.49	1,10	-36	14.07	
				- 59~	ple d				

Site Name	ft Edward LF
Site Location	Fr E Duraced
Well ID	E
Sampled By	Ra

Well Information Flush Mount or Riser In Vault
Top of Vacht Measuring Point Measuring Point Elevation 25.64 42.65 Depth to Water

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

±3% change in conductivity

± 10 millivoft change in ORP

± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1,5	0.0918
2	0.1631
3	0.3670
4	0,6525
5	1,0195
6	1,4681
8	2.6100
10	4.0782
12	5.8726
	Multiplier x Length of Water

Depth to Bottom of Well

Date	5/18/16
Weather	Sens
Purging Equipment	MURSOIN
Sampling Equipment	when
Decon Method	Ollensen
Riser Diameter	6"
Well Volume Calculation	74751-1

Time	Volume Removed (Gallons)	Turbidity (NTU)	рН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
8:30	4,,42					(\$50.5), ii 1, <b></b>		25.69	
8:35	1,0	1600 +	0.60	14,00	0.00	1.51	.776	25,43	
8:40	2.0	t cooj	6.65	13.95	0,00	1.5)	-78	25,57	10,60
8:45	3.0	10007	6,64	13.52	0.00	1,55	-82	25,58	
8:54	4,0	1000+	6.64	13.88	0,00	1,57	-83	25,62	10.60
8:55	5.0	1000+	6.64	13,90	0.00	1.57	-84	25,63	
8:58	Simpled				.,,				
	-								
	-								
		J	l	! !		<u> </u>		<u> </u>	<u></u>

Site Name			
Site Location			
Well ID	13 - 2	2	
Sampled By	-		-

iation
Vacit
Tre of mappy
The state of the s
23.40
49.52

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

± 0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia. Well	Well Volume Multiplier				
1	0.0408				
1.5	0.0918				
2	0.1631				
3	0.3670				
4	0.6525				
5	1.0195				
6	1.4681				
8	2.6100				
10	4.0782				
12	5.8726				

Date	5/18/16
Weather	Sanny
Purging Equipment	menson
Sampling Equipment	Mar Come A
Decon Method	Glunax
Riser Diameter	G"
Well Volume Calculation	174.500/100

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature 🖏	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
11:40	Start					To a Marine Marine (1987)	ر س <u>ے نے و</u> ہارو <u>ن کھ</u> نے واکسی پیشانی	23,90	
11:45	1.0	18	6,98	14.39	0.61	0.56	-) 09	24.58	11.00
11:50	2.0	4.5	6.95	14.50	0.00	0.875	-115	25,25	11.40
11:55	3.0	0,3	6.94	14,44	0,60	0.875	-116	25,67	11.10
) ) :cr.	4.0	0.0	€.93	14.66	0.00	0.874	-118	25,73	11.30
1200	Samples								_
									_
	10	. Inc.							
				NAME OF THE PARTY					

Site Name	FJ Edward
Site Location	
Well ID	4.3
Sampled By	RS TICC

Well Information					
Flush Mount or Riser	VmJA				
Measuring Point	Fep of Voult				
Measuring Point Elevation	7				
Depth to Water	32.65				
Depth to Bottom of Well	46 95/				

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:

±0.1 change in pH

± 3% change in conductivity

± 10 millivolt change in ORP

Dia, Well	Well Volume Multiplier			
	0.0408			
1.5	0.0918			
2	0.1631			
3	0.3670			
4	0.6525			
5	1.0195			
6	1.4681			
8	2.6100			
10	4.0782			
12	5.8726			

5/18/16
Sunn
more
Mensoon
CILLONOX
6"

Time	Volume Removed (Gallons)	Turbidity (NTU)	pН	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
1.48	Stat	124					*****	-	
1:50	1401	0	6,45	14.06	0.00	2.26	-56	32,05	
155	29ed 39ed	0	6,41	14.10	0,00	2,28	- 58	30,59	
2:00	3321	0	6.41	14.02	0,000	2.28	-58	33.60	
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## **APPENDIX C**

**Analytical Data Packages**