

Groundwater Pre-Design Investigation Report Dzus Fastener Company Inc. Site West Islip, New York Site No. 152033

Prepared for

New York State Department of Environmental Conservation Division of Environmental Remediation 625 Broadway, 12th Floor Albany, New York 12233-7012



Prepared by

EA Engineering, P.C., and Its Affiliate EA Science and Technology Washington Station 333 West Washington Street, Suite 300 Syracuse, New York 13202

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CONTENTS

Page

LIST OF TABLES						
1.	INTRO	INTRODUCTION				
	1.1 1.2 1.3	SITE HISTORY CURRENT CONDITIONS SCOPE OF WORK	1-2			
2.	GROUNDWATER INVESTIGATION					
	2.1	FIELD ACTIVITIES	2-1			
		 2.1.1 In-Situ Groundwater Sampling 2.1.2 Soil Sampling 2.1.3 Monitoring Well Sampling and Geochemical Analysis 2.1.4 Hydraulic Conductivity Testing 	2-1 2-2			
	2.2 2.3 2.4 2.5 2.6	GROUNDWATER SAMPLING RESULTS SOIL SAMPLING RESULTS ENVIRONMENTAL VISUALIZATION SOFTWARE MODELING CADMIUM MASS FLUX EVALUATION GEOCHEMICAL EVALUATION	2-4 2-4 2-5			
3.	CONCEPTUAL SITE MODEL UPDATE		3-1			
	3.1	ENVIRONMENTAL SETTING	3-1			
		 3.1.1 Site Geology 3.1.2 Site Hydrogeology 3.1.3 Site Geochemistry 	3-1			
	3.2	SOURCE AREA AND RELEASE MECHANISM	3-2			
		 3.2.1 OU1/OU6 Former Dzus Site Source Area 3.2.2 Mass Flux and Mass Discharge Evaluation 				
	3.3 3.4	NATURE AND EXTENT OF CONTAMINATION MIGRATION AND EXPOSURE PATHWAYS				
4.	CONC	LUSIONS AND RECOMMENDATIONS	4-1			

5.

4.1	CONCLUSIONS AND DATA GAP EVALUATION				
	4.1.1 4.1.2	Cadmium and Chromium Extent Delineation			
4.2 4.3		CATION TO IRM DESIGN			
	4.3.1 4.3.2 4.3.3	Additional Cadmium and Chromium Plume Extent Delineation4-3 Cadmium and Chromium Geochemical Evaluation4-4 Installation of Monitoring Wells4-4	4		
REFE	RENCE	S	1		

LIST OF TABLES

- Table 1.In-Situ Boring Sample Summary
- Table 2.Hydraulic Conductivity Results
- Table 3.Groundwater Analytical Results (Metals)
- Table 4.Groundwater Cadmium & Chromium Results
- Table 5.Groundwater Natural Attenuation Parameter Results
- Table 6.Groundwater Quality Parameters
- Table 7.Soil Analytical Results (Metals)

LIST OF FIGURES

- Figure 1. Operable Units/General Site Layout
- Figure 2. Groundwater PDI Sample Locations
- Figure 3. Shallow Potentiometric Surface Contours (June 2024)
- Figure 4. Deep Potentiometric Surface Contours (June 2024)
- Figure 5. Groundwater Cadmium Results (Total)
- Figure 6. Groundwater Cadmium Results (Dissolved)
- Figure 7. Groundwater Chromium Results (Total)
- Figure 8. Groundwater Chromium Results (Dissolved)
- Figure 9. Soil Cadmium & Chromium Results
- Figure 10. Snapshot of Three-Dimensional Cadmium Plumes
- Figure 11. Total Cadmium Groundwater Plume Plan View
- Figure 12. Dissolved Cadmium Groundwater Plume Plan View
- Figure 13. Total Cadmium Groundwater Plume Transect View
- Figure 14. Dissolved Cadmium Groundwater Plume Transect View

LIST OF APPENDICES

- Appendix A. Field Forms
- Appendix B. Slug Test & Hydraulic Conductivity Results
- Appendix C. Geochemical Evaluation Pourbaix Diagrams

LIST OF ACRONYMS AND ABBREVIATIONS

°C	Degrees Celsius
µg/L	Microgram(s) per liter
µS/cm	Microsiemen(s) per centimeter
%	Percent
ASTM	American Society for Testing and Materials
AWQS	Ambient Water Quality Standard
bgs	Below ground surface
COC	Contaminant of concern
CSM	Conceptual site model
DO	Dissolved oxygen
Dzus	Dzus Fastener Company, Inc.
EA	EA Engineering, P.C. and its affiliate EA Science and Technology
EC	Electric conductivity
EH	Redox potential
EPA	U.S. Environmental Protection Agency
EVS	Earth Volumetric Studio Version 2024.3.0.0
FS	Feasibility Study
ft	Foot (feet)
ft ²	Square foot (feet)
ft/day	Foot (feet) per day
g/d/ft ²	Gram(s) per day per square foot (feet)
GWB	Geochemist Workbench
GWS	Groundwater Sampler
HPT	Hydraulic Profiling Tool
in.	Inch(es)
IRM	Interim Remedial Measure
ISB	In-situ boring
ISS	In-situ stabilization/solidification
K	Hydraulic conductivity
kg/yr	Kilogram(s) per year
LAWES	Land, Air, Water Environmental Services
LMS	Lawler, Matusky and Skelly Engineers

mg/kg mg/L mV	Milligrams per kilogram Milligram(s) per liter Millivolt(s)
N.H.E. NTU NYSDEC	Normal hydrogen electrode Nephelometric turbidity unit New York State Department of Environmental Conservation
ORP OU	Oxidation-reduction potential Operable unit
PDI PRB	Pre-Design Investigation Permeable reactive barrier
RI	Remedial investigation
ROD	Record of Decision
SCG	Standards, criteria, and guidance
SCO	Soil Cleanup Objective
Site	Dzus Fastener Company Inc. Site
TAL	Target Analyte List

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1. INTRODUCTION

EA Engineering, P.C. and its affiliate EA Science and Technology (EA) were tasked by the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment No. D009806-15 to complete this Groundwater Pre-Design Investigation (PDI) Report as part of site management activities at the Dzus Fastener Company, Inc. Site (152033) (the Site). The former Dzus Fastener Company, Inc. facility is located at 425 Union Boulevard, West Islip, Suffolk County, New York. The Site is comprised of six operable units (OUs) (**Figure 1**); OU1, the former source area, consisting of stabilized areas of soil at the location of the former Dzus Fastener Company Inc. facility; OU2, included sediments in a portion of Willetts Creek adjacent to the Beach Street Middle School footbridge, Lake Capri, and groundwater downgradient of the facility; OU3, the soil and sediment along and within a portion of Willetts Creek; OU4, the soil and sediment along and within a portion of Willetts Creek; OU5, tidal portion of Willetts Creek located south of Montauk Highway; and OU6, documents the Resource Conservation and Recovery Act closure of the former Dzus facility.

1.1 SITE HISTORY

The Dzus Fastener Company, Inc. (Dzus) (incorporated in the State of New York in 1936) produced fasteners and springs beginning in 1932. Operations included the design and manufacture of ¹/₄-turn fasteners, quick-acting latches and panel strips in steel, stainless steel, aluminum, and plastic for use in military and commercial aerospace, transportation, electronics, air handling, refrigeration, motor control, and computer industries to secure access panels, covers, or detachable components. The facility changed its name from Dzus Fastener Company, Inc. to DFCI Solutions, Inc. in 2001, but operations did not change. In 2015, DFCI Solutions, Inc. ceased operations and moved all equipment out of the facility. The former facility buildings were demolished in 2019, and the property is currently undergoing redevelopment.

Wastes from metal plating, tumbling, electroplating, chromic acid, anodizing, and special finishing operations consisted of oils, heavy metals, volatile organic compounds, and salts. Leaching pools at the facility were used for the disposal of hazardous waste. Environmental releases of contamination from facility operations were originally identified in 1982 and a preliminary site assessment was completed in 1984. A Phase I Investigation was completed by the NYSDEC in 1984, and a Phase II Investigation report was submitted by Dzus in August of 1990. An Interim Remedial Measure (IRM) was completed by Dzus in Spring 1991, during which approximately 1,960 cubic yards of contaminated soil from the industrial leach field area was removed.

Under the State Superfund Program, the NYSDEC initiated a remedial investigation (RI)/Feasibility Study (FS) in May 1992 to determine the nature and extent of contamination attributable to the Site and develop an appropriate remedy (Lawler, Matusky and Skelly Engineers [LMS] 1994). During RI activities, several areas with cadmium contamination were identified. While the 1991 IRM removed contaminated soil, the RI found some remaining soil to be contaminated with cadmium, trivalent chromium (Cr III), and cyanide. Groundwater also contained concentrations of cadmium, chromium, cyanide, and volatile organic compounds (primarily trichloroethene, tetrachloroethene, and 1,1,1-trichloroethane) above NYSDEC standards. Additionally, surface water and sediment samples collected downgradient of the source

area contained cadmium at concentrations greater than their respective NYSDEC standards or guidance. A list of relevant site remedial history is provided below while a more detailed summary of the work completed at the site to date is included in the Site Management Plan (EA 2023a).

- OU1 (Source Area):
 - An IRM conducted in 1991 removed a leach pool in the eastern portion of the site.
 - The remedy selected in the March 1995 ROD for OU1 was in situ stabilization/solidification (ISS) for on-site soil that was contaminated with cadmium at concentrations greater than 10 ppm. The ISS remedy was completed in December 1996.
 - A topsoil/asphalt cover was implemented in 1997 at the eastern portion of the site to protect the ISS treatment cells from erosion. This cap was removed in 2021 as part of site redevelopment and was temporarily replaced with a geomembrane material in October 2022 before an asphalt cover was placed in December 2023.
- OU2, OU3, and OU4 (Willetts Creek and Lake Capri):
 - The October 1997 ROD for OU2 required the removal of contaminated sediments from Lake Capri and Willetts Creek, as well as the use of erosion controls to protect the creek from further contamination caused by erosion.
 - Bank soil exceeding Unrestricted Use SCOs for cadmium and chromium were removed from Willetts Creek in 2019.
 - Sediments above Class A SGVs were removed in 2019 from Willetts Creek and Lake Capri, and Willetts Creek was restored to a stable riparian corridor following the remedial action.
 - A long-term groundwater monitoring program was put in place to evaluate the effectiveness of the remedy completed at OU1.

1.2 CURRENT CONDITIONS

The primary contaminants of concern (COCs) at the Site are cadmium and chromium. Sampling results from the post-remediation groundwater sampling event in October 2021 indicated a rebound of cadmium concentrations in shallow groundwater as demonstrated by the 547 micrograms per liter (μ g/L) observed in monitoring well MW-13A; up from 2.3 μ g/L observed in November 2018. Groundwater at the Site flows in a south-southwest direction with the upper shallow portion of the surficial aquifer seeping into Willetts Creek. Cadmium in the shallow groundwater plume is impacting clean backfill material, placed during the remedial action along the Creek in 2019, as evidenced by sediment exceedances of Class A Sediment Guidance Values in the upper reaches of Willetts Creek. Cadmium in sediment post-remediation has been detected up to 280 milligrams per kilogram (mg/kg) in the former hotspot area, above the 1 mg/kg guidance value. Additional groundwater sampling events were conducted in July 2022, October 2022, January 2023, March 2023, June 2023, November 2023, April 2024, and June 2024 with cadmium concentrations remaining elevated during each of those events (EA 2023b, 2023c, 2023d). Sediment and surface water were collected in all but the October 2022 event in order to monitor and delineate impacts within the creek.

Remedial Action Objectives for the Site are defined in the OU-specific Record of Decision (ROD) documents. Groundwater at the Site is covered under the October 1997 ROD for OU2 set forth to manage contaminated groundwater to prevent human exposure and to minimize impacts to the environment (NYSDEC 1997). Willetts Creek, Lake Capri, and groundwater in the area are not used as a source of potable water. Potable water in the area is supplied by the Suffolk County Water Authority. As such, the primary receptors that would be impacted by groundwater and therefore act as sources of human and ecological exposure are surface water and sediment in Willetts Creek.

Cadmium concentrations associated with the dissolved phase cadmium plume have increased to concentrations beyond historical maximums. Long-term monitoring continues in order to evaluate the effectiveness of the remedy. The highest concentration of cadmium in groundwater was observed at monitoring well MW-13A, located approximately 415 feet (ft) downgradient of the former Dzus facility. Monitoring well MW-13A is a shallow well, screened between 5 and 10 ft below ground surface, and it is likely that groundwater at this depth is contributing to the flow in Willetts Creek and the exceedances of applicable standards or guidance noted in sediments and surface water are the result of migration of cadmium from groundwater. It is important to note that there is a very limited number of monitoring wells, and that the extent of the cadmium plume has historically not been well defined either vertically or laterally.

1.3 SCOPE OF WORK

This phase of the site investigation was designed to provide the information necessary to evaluate the continuing source of cadmium and chromium contamination, update the current conceptual site model (CSM) for the site by better defining the extent of groundwater contamination both vertically and horizontally, and inform an IRM for groundwater. The PDI scope included:

- Utility Clearance
- Borehole Advancement and In-Situ Groundwater Sampling
- Groundwater Monitoring Well Sampling
- Synoptic Well Gauging
- Soil Sampling
- Hydraulic Conductivity Testing

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2. GROUNDWATER INVESTIGATION

The PDI work was completed in May and June 2024. EA's subcontractor for the drilling effort was Land, Air, Water Environmental Services (LAWES). Laboratory analysis was completed by Pace Analytical Laboratory in East Longmeadow, Massachusetts.

2.1 FIELD ACTIVITIES

2.1.1 In-Situ Groundwater Sampling

Prior to field activities, LAWES contacted Dig Safe New York to mark out public utilities. The driller provided copies of Dig Safe New York notifications and responses to EA. A total of 25 in-situ boring (ISB) groundwater sampling points were advanced to an approximate depth of 45 ft below ground surface (bgs) under the full-time supervision of an EA geologist and then sampled during the 2024 PDI groundwater investigation event (Figure 2). At each location, LAWES hand-cleared 5 ft bgs to confirm no utility interference existed. Soil logging and classification was completed at each location. Soil borings were installed with Geoprobe® via direct push technology, and in-situ groundwater samples were collected with an SP-16 screen sampler using a bottom-up approach. The SP-16 sampler was driven to a depth of 45 ft and then pulled up to 40 ft bgs, allowing the SP-16 sample screen to be exposed, for the collection of the first in-situ groundwater sample. Each subsequent in-situ groundwater sample was collected in 10 ft intervals while pulling up from the bottom of the borehole. A summary of in-situ groundwater samples collected is shown in Table 1. Groundwater quality parameters (temperature, pH, conductivity, oxidation-reduction potential [ORP], turbidity, and dissolved oxygen [DO]) were collected using a Horiba U-52 water quality meter and recorded in the in-situ groundwater sampling forms. Soil boring logs, in-situ groundwater sampling forms, and the field logbook are provided in Appendix A.

A peristaltic pump with high-density polyethylene tubing was used to purge three well volumes from each well before collecting groundwater samples for analysis of both filtered and unfiltered Target Analyte List (TAL) Metals by U.S. Environmental Protection Agency (EPA) Method 6010 and mercury by EPA Method 7470. A set of water quality parameters was recorded prior to sample collection. Boreholes were backfilled to the ground surface with a bentonite grout mixture and were restored to match existing surface conditions. Soil cuttings and liquid investigation-derived waste were containerized for off-site disposal in Department of Transportation approved and labeled 55-gallon drums.

2.1.2 Soil Sampling

Five locations focused along the percieved centerline of the plume (adjacent to the MW-9 cluster, at ISB-A5, adjacent to the MW-13 cluster, at ISB-B5, and at ISB-D3) were selected for soil sampling in addition to groundwater (**Figure 2**). The soil borings were advanced using a direct push method via Geoprobe[®] macro-core following American Society for Testing and Materials (ASTM) International D6282M-14 protocols for soil sampling. One subsurface soil sample was collected from the soil/water interface to determine if soil is impacted within the capillary fringe zone (water fluctuation zone). A second subsurface sample was collected 10 ft below the soil/water interface to target soil within the shallow aquifer, the zone with known groundwater

contamination. Subsurface soil samples were analyzed for TAL metals (EPA Method 6010B), mercury (EPA Method 7471), total organic carbon (EPA Method 9060), and grain size (ASTM-D422).

2.1.3 Monitoring Well Sampling and Geochemical Analysis

In addition to the in-situ groundwater sampling, the second quarter site management groundwater sampling effort was completed 17-18 June 2024. This effort included synoptic gauging and the sampling of the 15 existing network monitoring wells for TAL metals. Potentiometric surface contours were developed for both shallow and deep monitoring wells (**Figures 3 and 4**). Groundwater samples from locations ISB-A5 and ISB-B5 were also analyzed for total organic carbon via EPA Method 9060A, sulfate via EPA Method 375.4, nitrate/nitrite and chloride via EPA Method 9056A.

2.1.4 Hydraulic Conductivity Testing

EA performed in-situ hydraulic conductivity tests (i.e., slug tests) at a subset of existing monitoring well locations (MW-13A, MW-13B, MW-15A, MW-15B, MW-22A, and MW-22B,) on 18 June 2024 (Figure 2). These tests provide data on characteristics of the water-bearing zones and allow EA to better estimate and model the mass flux of site COCs by refining the hydraulic conductivity based on field data. Slug test data were collected and recorded using a logarithmic scale starting with every 0.25 second utilizing an In-Situ Level Troll 700 transducer. The slug test data were analyzed using AQTESOLV Pro (Version 4.50.002), with appropriate models for wells in unconfined aquifers. Static water levels were measured at each well location prior to testing. To execute the slug tests, a vented pressure transducer/data logger (15 pounds per square inch) was placed into each well and a mechanical slug was then lowered into the well to displace a known and fixed volume of water. The transducer continuously recorded the water level in the monitoring well as the hydraulic head is decreased during the falling head test. Data logging continued as the hydraulic head increased during the rising head test in response to removal of the slug until the water level within the monitoring well again reached equilibrium. The slug test data was analyzed using the Bouwer-Rice (1976) method for monitoring wells screened within an unconfined aquifer and were matched to the formational response compared to the filter pack response.

Slug test measurements and hydraulic conductivity (K) values are summarized in **Table 2**. Tables summarizing general and well-specific input assumptions and AQTESOLV output files are included in **Appendix B**. MW-22A is screened across the water table, therefore only a rising head test was analyzed at this well.

2.2 GROUNDWATER SAMPLING RESULTS

The site COCs are the heavy metals cadmium and chromium. The NYSDEC Ambient Water Quality Standards (AWQS) Class GA for cadmium and chromium are specifically intended to regulate these heavy metals for the protection of groundwater as a source of drinking water. It is important to note that site groundwater is not used as a source of drinking water. The AWQS for cadmium is $5 \mu g/L$ while the chromium standard is set at $50 \mu g/L$.

Dissolved cadmium was detected above the NYSDEC AWQS of 5 μ g/L in 32 of 108 groundwater samples. Detected dissolved cadmium concentrations ranged from 1.6 μ g/L (ISB-B6-GW-21-25) to 770 μ g/L (ISB-B5-GW-11-15). Total cadmium concentrations generally were higher than colocated dissolved cadmium concentrations, 69 of 108 samples had total cadmium concentrations in exceedance of 5 μ g/L. Detected total cadmium concentrations ranged from 1.5 μ g/L (ISB-A1-GW-41-45) to 2,500 μ g/L (ISB-A9-GW-11-15). Generally, the greatest cadmium concentrations are observed to be in shallow samples (depth range of 11 to 15 ft bgs) in the vicinity of Captree Plaza, both upgradient and downgradient of the building. One exception was the elevated concentration observed in sample ISB-C1-GW-11-15 (690 μ g/L) which is located due west of Captree Plaza in the center of the Stop & Shop Plaza parking lot. In general, cadmium concentrations of PDI samples are higher than previously reported groundwater monitoring well samples collected during routine site management sampling efforts. Dissolved and total cadmium concentrations in groundwater samples collected during the PDI field effort are presented on **Figures 5 and 6**.

Dissolved chromium was detected above the NYSDEC AWQS of 50 μ g/L in 1 groundwater sample. Detected dissolved chromium concentrations ranged from 6.9 μ g/L (ISB-B8-GW-11-15) to 510 μ g/L (ISB-B1-GW-4-8). 106 of the 108 groundwater samples were non-detect for dissolved chromium. Total chromium concentrations generally were higher than co-located dissolved chromium concentrations, 108 of 108 samples had total chromium concentrations in exceedance of 50 μ g/L. Detected total chromium concentrations ranged from 54 μ g/L (ISB-B6-GW-41-45) to 3,900 μ g/L (ISB-B4-GW-31-35). The spatial distribution of total chromium within the sample dataset does not appear to be confined to any specific depth or area around the Site. In general, chromium concentrations of PDI samples are higher than previously reported groundwater monitoring well samples collected during routine site management sampling efforts. Dissolved and total chromium concentrations in groundwater samples collected during the PDI field effort are presented on **Figures 7 and 8**.

Other TAL metals that exceeded NYSDEC AWQS include antimony, arsenic, barium, beryllium, copper, iron, lead, manganese, mercury, selenium, sodium, and thallium. Generally, the unfiltered samples yielded higher concentrations of these metals than the filtered samples. Additionally, these other TAL metal concentrations were found to be greater than concentrations observed in previously reported groundwater monitoring well samples collected during routine site management sampling efforts. Analytical results for TAL metals, including cadmium and chromium, and the applicable standards, criteria, and guidance (SCGs) are presented in **Table 3**. A condensed analytical summary of cadmium and chromium groundwater results is presented in **Table 4**.

Samples analyzed for natural attenuation parameters were ISB-A5-GW-21-25 and ISB-B5-GW-31-35. Chloride, nitrate (as nitrogen), sulfate, and total organic carbon were detected in both samples. Nitrite (as nitrogen) was not detected in either sample. Chloride concentrations ranged from 10 milligrams per liter (mg/L) to 20 mg/L. Nitrate concentrations ranged from 1.1 mg/L to 1.8 mg/L. Sulfate concentrations ranged from 6.7 mg/L to 13 mg/L. Total organic carbon concentrations ranged from 0.58 mg/L to 0.82 mg/L. Natural attenuation parameter analytical results are shown in **Table 5**.

Geochemical parameters were measured prior to collection of each in-situ groundwater sample. Temperature in groundwater samples ranged from 12.66 degrees Celsius (°C) to 22.80°C. pH in groundwater samples ranged from 5.03 to 7.66. Specific Conductivity in groundwater samples ranged from 0.132 microsiemens per centimeter (μ S/cm) to 1.31 μ S/cm. ORP in groundwater samples ranged from -129 millivolts (mV) to 194 mV. Turbidity in groundwater samples was generally high, ranging from 129 nephelometric turbidity units (NTU) to greater than 1,000 NTU. Dissolved oxygen in groundwater samples ranged from 0.00 mg/L to 10.98 mg/L. A summary of geochemical parameters in groundwater samples is provided in **Table 6**.

2.3 SOIL SAMPLING RESULTS

Soil analytical results from the PDI sampling effort are compared to NYSDEC Commercial Soil Cleanup Objectives (SCO). The Commercial SCO for cadmium is 3.7 mg/kg, the Commercial SCO for chromium is 1,700 mg/kg. One sample (MW-13A-SO-14-15) had cadmium concentrations (6.4 mg/kg) in exceedance of the Commercial SCO. Cadmium concentrations in other soil samples ranged from non-detect to 3.0 mg/kg. Chromium was detected in soil samples ranging from 1.4 mg/kg to 6.7 mg/kg, with no exceedances of Commercial SCOs. Soil analytical results and applicable SCGs are presented in **Table 7** and **Figure 9**.

2.4 ENVIRONMENTAL VISUALIZATION SOFTWARE MODELING

Three-dimensional interpolated groundwater plumes were developed using a kriging method within C-Tech Corporation's Earth Volumetric Studio (EVS) software Version 2024.3.0.0. Kriging is an interpolation method used within the groundwater contaminant plume model to predict data or values at locations in which data are unknown. Kriging was used because groundwater contaminant concentrations often possess an inherent anisotropy (meaning that the data are more correlated in one direction than in other directions) due to physical dynamics, such as groundwater flow and lithology, which may influence the spatial distribution of contamination. The correlation of the modeled data is quantified by calculating the variance between pairs of points across the dataset. When plotted against the distance between pairs, the set of points results in an experimental variogram model which describes how the data are correlated relative to each other. The regression curve which is selected to fit the data is referred to as the theoretical variogram model which is used to interpolate between known points. C-Tech Corporation's Earth Volumetric Studio was utilized to (1) sort and bin the data to produce the experimental variogram model to quantify the data.

Concentration data for dissolved and total cadmium from the groundwater pre-design investigation sampling effort were interpolated to 80% confidence using the Kriging method. Non-detect sample results were input as one tenth (0.15 μ g/L) of the detection limit of 1.5 μ g/L for cadmium. Groundwater monitoring well sample results from the June 2024 site management sampling event were included in the dataset as well. Analytical data from MW-17 to the north of OU1 and MW-18 to the south were essential for defining the edges of the plume. A single control point with concentration value of 0.15 μ g/L was placed to the northwest of OU1 to establish a "source" point for the plume to prevent "ballooning" of the model to the north. A spherical variogram model was

used and a directional anisotropy ratio was imposed on the model to reflect the dominant southsouthwest groundwater flow direction. Snapshots of the three-dimensional models used to evaluate total and dissolved cadmium are included for reference (**Figure 10**). Once the three-dimensional interpolated cadmium groundwater plume was displayed, the plume was subset to $5 \mu g/L$, $25 \mu g/L$, $100 \mu g/L$, and $250 \mu g/L$ concentration bins. These subset concentration bins were then exported as two-dimensional vector GIS files and loaded into Esri's ArcGIS Pro software Version 3.0.2 for use in traditional plan-view plume maps and cross-sections (**Figures 11 through 14**).

The primary takeaway from the modeling exercise is that cadmium contamination at the Site is not delineated to the south of the investigation area. Detections above 25 μ g/L for cadmium at ISB-B1 and ISB-D1 indicate that contamination has migrated to the south of the source. As there were no samples collected to the east of Willetts Creek, there is a lower level of confidence in the 5 μ g/L contour. Additionally, the relatively low concentrations observed in ISB-B2 contrast the higher concentrations observed in samples at ISB-B1 and ISB-B3. The resulting bifurcation of the 25 μ g/L contour is unlikely to represent real-world distribution of the contaminant in the aquifer. A lack of data points within and upgradient of the OU1 boundary results in a non-ideal estimation of the bounds on the cadmium plume to the north of the investigation area. Further refinement in the model can be achieved with additional sample points in areas of low confidence (discussed more in Section 4).

2.5 CADMIUM MASS FLUX EVALUATION

Mass flux is a rate measurement specific to a unit area, which is generally a cross-section of a dissolved-phase contaminant plume that lies perpendicular to groundwater flow. Mass flux is expressed as a mass/time/area (e.g., gram[s] per day per square foot [feet] $[g/d/ft^2]$) unit and combines two key features of a contaminant plume: (1) how much contaminant is in the groundwater (dissolved phase), and (2) how fast groundwater is moving through a unit cross-sectional area.

Mass flux is calculated using the equation below:

$$Mass Flux (J) = (C)(K)(i)$$

Where: J = Mass Flux of the grid-plane (grams per day per square foot $[g/d/ft^2]$)

- C = Cd concentration (mg/kg)
- K = Hydraulic conductivity of the geologic unit (foot [feet] per day [ft/day])
- *I* = Hydraulic gradient (foot [feet] per foot [ft/ft])

EVS was used to calculate mass flux and mass discharge across three transects along the total and dissolved cadmium plumes presented on **Figure 10**. Several assumptions were made during the mass flux evaluation:

• A vertical saturated zone of 50 ft was used for each location which is slightly deeper than the deepest in-situ boring depth (~45 ft bgs). Each transect was confined to a 600 ft lateral

length across the plume for a total cross-sectional area of 30,000 square feet (ft²) per transect. Using EVS, the cross section was then divided into 1-ft by-1-ft segments where only segments exhibiting cadmium concentrations were used to calculate mass flux and discharge.

- Geology observed on site has been consistently uniform, therefore a constant hydraulic conductivity of 400 ft/day was used to determine mass flux across the previously mentioned cross-sections. The hydraulic conductivity value was approximated from the slug tests collected (18 June 2024) and provides a conservative estimate of the range of conductivities observed (range). Additionally, an estimated porosity of 0.32 was used which was derived from previous investigatory efforts (LMS 1994), however, it is recommended that the soil porosity be updated during the expected drilling effort required to more completely delineate the cadmium and chromium plume.
- Hydraulic gradients were determined using the groundwater elevations from monitoring wells (June 2024) and ISB locations (May 2024) and were evaluated in both the upgradient portion (Between ISB-A5 and ISB-C2 = 0.00513 ft/ft) and downgradient portions (Between ISB-C2 and ISB-C1 = 0.00511 ft/ft) of the site. Both the upgradient and downgradient calculations were similar, therefore a uniform hydraulic gradient of 0.005 ft/ft was used to determine mass flux along each transect.

Since both the hydraulic conductivity and the hydraulic gradient were held constant, mass flux, and subsequently mass discharge, is driven primarily by cadmium concentrations moving through the aquifer which indicates where high flux regions are within the aquifer (**Figures 13 and 14**). The regions with the highest mass flux are centered around the highest concentrations observed in the 11 - 15 ft bgs points at ISB-A7 and ISB-B8 on transect A-A', the 11-15 ft bgs points at ISB-B5 along transect B-B', and the 11-15 ft bgs point at ISB-C1 along transect C-C'.

Mass discharge (kilograms per year [kg/yr]) was calculated to determine the amount of total and dissolved cadmium moving through each transect which are as follows: Transect A-A' – Total Cd = 28 kg/yr, Dissolved Cd = 7 kg/yr, Transect B-B' – Total Cd = 33 kg/yr, Dissolved Cd = 7 kg/yr; and Transect C-C' – Total Cd = 22 kg/yr, Dissolved Cd = 7 kg/yr. Total cadmium discharge was much higher than dissolved cadmium discharge, however, results for dissolved cadmium are more consistent with cadmium concentrations observed from monitoring well groundwater samples.

In comparison to the previously submitted mass flux memos this evaluation encompasses a substantially larger volume of the aquifer and represents a much larger amount of mass moving within the plume (EA 2019, 2022, 2023e). The previous cross-sectional area was confined to a 2 ft vertical interval and a 300 ft lateral extent which was identified as the plane most likely to be interfacing with Willetts Creek through MW-13A. Here, these transects were confined to the saturated thickness of the aquifer evaluated during the PDI and provide an evaluation of cadmium flux throughout the entire aquifer, not just what was anticipated to communicate with Willetts Creek. In addition, the hydraulic conductivity and gradient values used for the previous mass flux evaluations (120 ft/day and 0.0085 ft/ft respectively) were different than the values used here, where the hydraulic conductivity is higher than what was previously used, and the hydraulic gradient was slightly lower than the previously calculated value. The difference between these

values is expected to increase the overall mass flux as the increase in hydraulic conductivity is much greater than the decrease in hydraulic gradient.

2.6 GEOCHEMICAL EVALUATION

Cadmium and chromium are each influenced by the presence of redox active geochemical species such as sulfates/sulfides, and carbonates. Geochemist's Workbench version 17.0 (GWB) was used to create redox potential (E_H) vs. pH diagrams, also known as Pourbaix diagrams, which portray the relative stability of different species as a function of oxidation reduction potential (Y-axis) and pH (X-axis) for both cadmium and chromium at relevant environmental conditions to the site (Sulfate $[SO_4^-]$ activity = 10⁻⁷, Bicarbonate $[HCO_3^-]$ activity = 10⁻⁷, Cadmium/Chromium activity $= 10^{-7}$). Cadmium is not redox active (i.e., the oxidation state will not change over environmentally relevant conditions), however the solubility of cadmium is controlled by the presence of sulfide and carbonate, as well as the precipitation of the minerals Greenockite $(CdS_{(s)})$ and Otavite (CdCO_{3(s)}) (Kubier et al. 2019). In comparison, chromium is redox active with two common oxidation states (hexavalent [Cr VI] and trivalent [Cr III]) where the solubility of chromium is partly controlled by the presence of iron and sulfide species (Palmer and Wittbrodt 1991). Groundwater quality data collected during the June 2024 sampling event were used to compare site conditions with the thermodynamically modelled stability of these two metals for four monitoring wells (MW-9, MW-13A, MW-15A, and MW-23A) (Appendix C). ORP measurements made in the field were converted to potentials measured using a normal hydrogen electrode (N.H.E.) for evaluation using GWB with the following equation:

$$E_{N.H.E.} = E_{H(Field)} + 206 \, mV - 0.7 (Temperature - 25^{\circ}C) for T = 0 to 60^{\circ}C$$

Cadmium is a highly mobile element, in part because of the wide range of environmental conditions where the metal is stable as a soluble cation (Cd²⁺). Environmental conditions at the site are relatively oxidative (ORP > 100 mV) and slightly acidic (pH < 7.0) which suggests that cadmium is unlikely to naturally precipitate as either Greenockite or Otavite. Reducing or alkaline agents would be required to artificially shift site conditions towards being favorable for precipitation, however, because of the high groundwater velocity and shallow aquifer conditions it is unlikely that reducing conditions would persist. Cadmium is likely present in groundwater as the Cd²⁺ cation, as redox conditions at the four selected monitoring wells are soundly within the stability field for Cd²⁺ (**Appendix C, Figure C-1**).

Chromium has several different redox states with the two most common being trivalent (Cr III) and hexavalent (Cr VI) chromium. Site conditions measured during the June 2024 sampling event at the four selected monitoring wells suggest that all chromium should be found as a trivalent species which agrees with the historic speciation sampling which observed no detections of hexavalent chromium across the site (**Appendix C, Figure C-2**). Site conditions straddle the stability for $CrOH_{3(aq)}$ and $CrOH^{++}$ and it is important to note that $CrOH_{3(aq)}$ is relatively insoluble which is likely responsible for the high total chromium concentrations compared to dissolved chromium measurements.

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3. CONCEPTUAL SITE MODEL UPDATE

The following section provides an update to the CSM for the Site utilizing the analytical, physical, and observational data collected to date. The discussion focuses primarily on updates given the current understanding of groundwater movement and contaminant distribution at the Site, particularly in the vicinity of OU1/OU6 (on-site area) and OU3 (Willetts Creek).

3.1 ENVIRONMENTAL SETTING

3.1.1 Site Geology

The Site is located within the Atlantic Coastal Plain Physiographic Province and is consistent with the geology of Long Island as characterized by a southward-thickening wedge of unconsolidated Cretaceous and Cenozoic sediments uncomformably overlying a gently dipping Pre-Cambrian bedrock surface. The primary geology of the site consists of the Upper Glacial aquifer which is a formation of glacial outwash identified by thick deposits of unconsolidated water bearing sands and gravels that become finer at depth. The Upper Glacial Aquifer is approximately 250 to 260 ft thick with around 200 to 210 ft of saturated thickness of Pliocene and Pleistocene glacial deposits. Here, the shallow aquifer is considered the material extending approximately 20 ft below the water table (-10 ft amsl) which encompasses the highest cadmium concentrations observed in the in-situ borings (between 11 to 15 ft bgs or approximately 1 to 2 ft amsl). Boring logs indicate that the shallow aquifer is consistent with previous investigations as well as the hydraulic conductivity measurements conducted during this investigation. Additionally, the shallow aquifer material was noted to be relatively uniform across all soil borings particularly behind the Captree Plaza where a potential remedial measure may be implemented.

3.1.2 Site Hydrogeology

There are three primary water bearing aquifers underlying Suffolk County. These aquifers, from shallow to deep, are the Upper Glacial, Magothy, and Lloyd. The aquifers are considered to be hydraulically connected, with the Glacial and Magothy contributing recharge for the underlying Lloyd aquifer. During the glacial retreat, the area was covered with outwash deposits that constitute most of the Upper Glacial aquifer of Long Island. Because these sand and gravel deposits contain virtually no interstitial clay and silt, the Upper Glacial aquifer is the most permeable. The direction of groundwater movement through Long Island's aquifers is horizontal and is generally more rapid than the movement in the vertical direction. This arises because of an anisotropic effect stemming from the general horizontal orientation of the largest dimensions of particles in the interbedded fine- and coarse-grained layers.

Groundwater in the Upper Glacial aquifer flows away from two major highs on the main water table divide on Long Island. The general directions of groundwater flow of the island are north toward the Long Island Sound, and south towards the Great South Bay. Based on site-specific groundwater data, local groundwater flow at the site moves south to southwest towards the Great South Bay. Previous interpretation of groundwater elevation measurements suggested that localized groundwater flow at the site was directed to Willetts Creek south/southeast of OU1, however, with the widespread detection of site COCs and an updated groundwater elevation map the predominant movement of groundwater is south-southwest towards Great South Bay.

Willetts Creek is a north-south flowing, slow-moving creek, approximately 15 to 20 ft wide and less than 6 inches in depth in most parts (but upwards of 2 ft deep in slower velocity areas). The creek flows in a southerly direction approximately 4,500 ft to Lake Capri, a privately owned, 8-acre man-made lake. The creek is fed by both upstream surface water runoff and groundwater base flow.

3.1.2.1 Hydraulic Gradient

Hydraulic gradients were calculated across the site using the groundwater elevations in the monitoring wells (June 2024) and ISB locations (May 2024) and were evaluated in both the upgradient portion (Between ISB-A5 and ISB-C2 = 0.00513 ft/ft) and downgradient portions (Between ISB-C2 and ISB-C1 = 0.00511 ft/ft) of the Site. The hydraulic gradient used for mass flux and other evaluations was determined to be 0.005 ft/ft which is on a similar order of magnitude as the previous hydraulic gradient used (0.0085 ft/ft calculated using the June 2023 groundwater elevations between MW-13A and Willetts Creek) to update mass flux calculations (EA 2023e).

3.1.2.2 Hydraulic Conductivity

Hydraulic conductivities were updated following slug tests performed during the PDI where calculated values, using the falling head test, ranged from 274.21 ft/day (MW-22A) to 421.37 ft/day (MW-13A) (**Table 2**). The hydraulic conductivity used for mass flux calculations was 400 ft/day which was approximated as a conservative measure (higher conductivity) using the average of both falling and rising head tests and to capture the high permeability of the soils. The updated hydraulic conductivity is much greater than the previously used value (120 ft/day) and is also greater than the historically reported hydraulic conductivity for the Upper Glacial aquifer (270 ft/day) (LMS 1994).

3.1.3 Site Geochemistry

Water quality parameters collected during the PDI continue to indicate that the aquifer on-site is relatively oxidizing (Average ORP at in-situ boring points = 4 mV, Average ORP in monitoring wells = 129 mV) and slightly acidic (Average pH in in-situ boring points = 6.35, Average pH in monitoring wells = 6.43). Environmental conditions are unfavorable for cadmium precipitation and are unlikely to remain reducing, particularly in the shallow aquifer, because of the high groundwater velocity. Chromium speciation is expected to be in the reduced oxidation state as trivalent chromium, however, the widespread nature of chromium detections in the PDI introduce concerns about speciation considering the high mobility of hexavalent chromium in groundwater. It is suggested that chromium speciation be sampled in an upcoming sampling event to confirm that no hexavalent chromium is present in the aquifer.

3.2 SOURCE AREA AND RELEASE MECHANISM

An RI/FS was initiated by NYSDEC in May 1992 to determine the nature and extent of contamination attributable to the site, as well as to develop an appropriate remedy (LMS 1994).

During RI activities, several areas with cadmium contamination were identified, including areas of OU1 where some remaining soil following the 1991 IRM removal was contaminated with cadmium, trivalent chromium, and cyanide. Pursuant to the ROD issued by NYSDEC in 1995 for OU1 (NYSDEC 1995) the following remedial activities were completed:

- In-situ stabilization/solidification (ISS) for soils containing cadmium at concentrations greater than 10 parts per million (completed December 1996). Three areas on the western portion of the facility were excavated and mixed with the soils to be treated on the eastern portion of the site. The in-place solidification/stabilization intended to render the cadmium-impacted soils above and below the water table non-hazardous by binding the soil in a cement-based matrix; thereby, preventing future leaching of contaminants. The remediation areas included the excavated and backfilled leach field, oil/water separator, and clay piping that was not removed during the IRM.
- Design and installation of a final topsoil/asphalt cover as an engineering control to protect the area from the effects of erosion. The cover that was installed in 1997 also acted to prevent infiltration
- Implementation of institutional controls in the form of Deed Restrictions.

3.2.1 OU1/OU6 Former Dzus Site Source Area

Since the RA, OU1 and OU6 have undergone redevelopment with the former Dzus building being razed and new storefronts and buildings constructed on the parcel. In April 2021, it was observed that the engineered cover system at OU1 was removed at some point during redevelopment, and a temporary impermeable cover that consisted of a geomembrane and soil cover was installed in October 2022 to prevent infiltration and potential contaminant mobilization and migration. Restoration of the engineered cover system at OU1 was implemented to restore the 1997 topsoil/asphalt cover constructed to protect the underlying ISS "treatment cells" containing cadmium at concentrations greater than 10 parts per million. Stormwater collection, conveyance, and infiltration structures were installed by the developer that are anticipated to introduce stormwater into the subsurface that will percolate through unsaturated (vadose zone) soils (EA 2024). Additionally, portions of the stormwater system were installed within the ISS treatment cells which would provide the opportunity for cadmium mobilization.

Prior to redevelopment cadmium concentrations measured during quarterly site management sampling events were low, however, following observations that the cap had been removed cadmium concentrations increased and have remained elevated compared to historic measurements. It is suspected that the likely release mechanism for cadmium was the interaction of slightly acidic stormwater infiltrating into the source area during redevelopment that was responsible for the mobilized dissolved phase cadmium plume caused by leaching from source area soils.

3.2.2 Mass Flux and Mass Discharge Evaluation

Previous estimations of cadmium mass flux determined that approximately 4.3 kg/yr (EA 2023b) and 3.2 kg/yr (EA 2023e) was discharging through a 2 ft deep and 300 ft wide plane centered on the depth of MW-13A that was anticipated to communicate with Willetts Creek (under the previous understanding that groundwater flow was directed straight to Willetts Creek through MW-13A). Groundwater elevations collected as part of the PDI indicated that groundwater flow is directed more south-southwest and three new transects oriented perpendicular to groundwater flow were used to calculate a more refined mass flux to evaluate cadmium throughout the aquifer. The hydraulic conductivity (400 ft/day) and the hydraulic gradient (0.005 ft/ft) were held constant during the mass flux evaluation as geology at the site has been observed to be relatively uniform and the hydraulic gradient was consistent across the Site. Dissolved mass discharge was approximately 7 kg/yr through each transect which suggests that the plume is stable as sampled during the PDI. Additionally, the consistent discharge through each transect suggests that there is a continuous source of cadmium that is leaching into the aquifer and is likely mobilized throughout the aquifer by the high groundwater velocity.

3.3 NATURE AND EXTENT OF CONTAMINATION

Sampling results from the PDI confirm that cadmium and chromium contamination in groundwater is more widespread than previously observed. Three main factors were evaluated when assessing the nature and extent of cadmium and chromium contamination at the Site: physiochemical characteristics of cadmium and chromium; site environmental characteristics; and biological interactions.

In the environment, cadmium tends to exist as a cation in only one oxidation state (Cd²⁺). In groundwater and surface water, cadmium can exist as a hydrated ion or as ionic complexes with other inorganic substances. Soluble forms of cadmium can migrate in water, while insoluble forms of cadmium will settle and adsorb onto sediments. Given the geochemical conditions in groundwater at the Site, it is not anticipated that cadmium is precipitating as another mineral. The most likely source of cadmium migration is cadmium that is adsorbed via a weak association or in an outer sphere solid complex to mineral surfaces such as clay, or to organic materials. This helps explain why cadmium concentrations in unfiltered samples are generally higher than those of filtered samples. Chromium concentrations are widespread and do not seem to follow a discernible trend such as decreasing with depth, and it remains unclear what the source or transport mechanism is for why detections of chromium speciation sampling to determine whether any chromium is present as hexavalent chromium.

The groundwater flow pattern at the Site follows a south-southwest direction. Currently, the extent of estimated cadmium contamination stretches approximately 0.25 miles downgradient from the source and at its widest section, extends laterally approximately 810 ft from west to east. The area of the plume with highest concentrations (>500 μ g/L) stretches approximately 550 ft downgradient from the source area in a shallow portion near the top of the aquifer which is consistent with the expected transport profile. The Darcy Velocity for groundwater at the Site was calculated to be approximately 1 ft/day which suggests that the cadmium plume will reach the furthest

downgradient monitoring well (MW-18), located approximately 2,400 ft downgradient from the source area, by mid-late 2027. It is important to note that this estimate is based on the current extent of the modelled plume which has likely extended beyond the current known extent. No detections above groundwater standards have been observed in this monitoring well during site management activities, however, as groundwater flow carries the plume southward it is expected that cadmium will appear in MW-18.

It remains unclear exactly how much of the dissolved cadmium plume is communicating with Willetts Creek, however, in the 1994 RI/FS groundwater hydraulic head tests were conducted that suggested only shallow groundwater (extending to 5 ft below the streambed) would be likely to discharge to the stream (LMS 1994). While groundwater flow appears to be mostly parallel to the creek, it is anticipated that a portion of that plume is interfacing with Willetts Creek as evidenced by the detection of cadmium in surface water and sediment samples.

3.4 MIGRATION AND EXPOSURE PATHWAYS

The primary pathway for exposure to site COCs is Willetts Creek, which is the driver for an IRM intended to mitigate migration of contaminated groundwater into the surface water body. More specifically, to provide for the protection of human health and the environment it is important to reduce cadmium loads to the surface water body and prevent exposure of individuals to surface water and sediments in Willetts Creek. While it is understood that the plume is communicating with Willetts Creek to some extent, it is not expected that the rest of the aquifer poses a hazard to local residents as residents are supplied potable water by the Suffolk County Water Authority. It is understood that there is no other groundwater use in the area. An IRM for groundwater would solely be aimed at reducing cadmium loads to Willetts Creek to limit potential exposures to humans and biota.

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4. CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the PDI and the analytical, physical, and observational data collected to date, the following section presents the conclusions, evaluation of data gaps, and recommendations for additional investigation or work at the Site.

4.1 CONCLUSIONS AND DATA GAP EVALUATION

4.1.1 Cadmium and Chromium Extent Delineation

The delineation of the vertical and horizontal extent of cadmium and chromium exceedances at the Site is not complete. Cadmium and chromium were detected across the site at most locations and depths sampled which suggests that both a lateral and vertical extent of contamination are not currently delineated. The plume is relatively well bound in the north-south direction as MW-17 (north) and MW-18 (south) exhibit no detections of cadmium or chromium (total or dissolved) during historic and recent (June 2024) sampling events. While there is a substantial gap between the modelled extent of the plume and MW-18, the presence of MW-18 as a sentinel location far downgradient of the source area provides a maximal extent for the plume. Data gaps are described in detail below:

- While a two lobed plume is depicted for both total and dissolved cadmium, it is unlikely that the cadmium plume is bifurcated as depicted on **Figures 11 and 12**. The low detections at ISB-B2 introduce a split within the plume that is interpolated between ISB-B1 and ISB-B3. It is not expected that the plume is split here as the predominant groundwater flow is south-southwest and no geologic feature has been identified that might introduce a split in the plume. The lack of available data and the model interpretation here is identified as a data gap and may be addressed through the addition of new sampling locations around ISB-B2.
- While the cadmium results from the ISB-A transect provide some delineation on the northern extent of the plume, the western extent located beyond ISB-B1 and ISB-C1 remains non-delineated.
- There are no monitoring points located east of Willetts Creek; therefore, it is unclear what the extent of cadmium or chromium contamination is beyond the current monitoring points focused on the western extent of the Site. It is important to note that the dashed lines east of Willetts Creek as presented in **Figures 11 and 12** represent an inferred concentration. The modelled plume demonstrates that while there may be some contamination east of Willetts Creek it is unlikely to be widespread and high concentrations are not anticipated.
- Groundwater head measurements made during the RI/FS suggested that only shallow groundwater (extending to approximately 5 ft below the streambed of Willetts Creek) is anticipated to communicate with Willetts Creek (LMS 1994). It is unclear to what extent the groundwater plume is communicating with Willetts Creek. Elevated concentrations have been noted at depth, however since local residential properties are on a public water

supply there are no immediate concerns for contamination present deeper within the aquifer.

• The chromium results at ISB-B1 appear to be anomalous as the dissolved chromium result at this location exceeded the total chromium result. Additional sampling points located west of ISB-B1 will confirm the extent of chromium contamination along the western extent of the Site.

4.1.2 Conceptual Site Model

With regard to the CSM, the primary updates relate to the site hydrogeology, geochemistry and mass flux/mass discharge that have allowed for a more refined interpretation of the nature and extent of contamination as well as the migration and exposure pathways. Conditions observed during the PDI suggest that a higher hydraulic conductivity is present at the Site than previously reported. Groundwater elevations collected as part of the PDI indicated that groundwater flow is directed more south-southwest and new mass flux transects oriented perpendicular to groundwater flow were used to calculate a more refined mass flux to evaluate cadmium throughout the aquifer.

It is important to note that:

- Hydraulic conductivity was calculated using slug test results. This data is reliable and defensible, but different from previously used conductivity values for previous RIs and mass flux calculations. While not necessarily a data gap, this is a change in understanding worth note.
- Assumptions for the portion of the aquifer communicating with Willetts Creek were made based on 1994 RI/FS. At this time, this additional modeling is not anticipated to be necessary for the purpose of an IRM; however, if there is a need to refine that information, modeling for groundwater communication with creek using MODFLOW could be completed.

4.2 APPLICATION TO IRM DESIGN

The data collected as part of this PDI will be used to design a groundwater IRM for the Site. The IRM will consist of a permeable reactive barrier (PRB) which is a remedial technology that involves a water-permeable material that through several chemical processes including oxidation-reduction, adsorption, precipitation, and exchange can trap or treat contaminants (EPA 2021). The construction of a PRB includes the digging of a trench in the path of the contaminated groundwater flow. Metals including cadmium may precipitate out of groundwater and become sequestered in the PRB, effectively treating the COC at the Site.

The PDI has provided critical information that will help to inform decision making in the PRB design process, such as where to install, and what dimensions to use for the PRB to effectively capture the contaminated groundwater and maximize protection of Willetts Creek. In the design stage, consideration will be given to the efforts it will take to monitor the pre- and post-installation concentrations of cadmium and chromium, namely if the installation of monitoring wells both

upgradient and downgradient of the PRB is required as well as the location and number of those wells. Additionally, longevity, the ability of a PRB to maintain its reactivity and hydraulic performance (residence time and capture zone) in the years following its field installation, will be evaluated using, in part, the mass flux calculations that were completed as part of the PDI.

Apatite II^{TM} is the medium to be included in the IRM design for the Site. Case studies have demonstrated an effective reduction of cadmium through the use of PRBs that utilize phosphate-induced metal stabilization involving the reactive medium Apatite II^{TM} , a biogenically precipitated apatite material that is derived from fish bones (Conca and Wright 2006). Because Apatite II^{TM} is derived from fish-bone waste, its production does not cause environmental degradation and offers a more green and sustainable approach to remediation, unlike the mining of phosphate rock and the production of phosphate fertilizers.

4.3 **RECOMMENDATIONS**

The recommendations below are presented as options to further inform remedial measures and the remedial design prior to implementation of a groundwater IRM. The recommendations will be detailed in a letter work plan for additional PDI work and an updated scope for quarterly site management groundwater, surface water, and sediment sampling.

4.3.1 Additional Cadmium and Chromium Plume Extent Delineation

Based on the results of the PDI groundwater sampling, additional delineation of the cadmium and chromium plume present at the Site is warranted. To further delineate the cadmium and chromium plume, it is suggested that additional in-situ borings be advanced south along Willetts Creek with the flow of groundwater, as well as to the west along Union Boulevard. It is important to note that the extent of contamination is not delineated to the east of Willetts Creek, however, as shown on **Figure 11**, the modelled plume extent does not extend far to the east, and as groundwater flow is to the south-southwest it would be unlikely for substantial amounts of contaminant mass to migrate eastward.

To further refine the understanding of groundwater movement in the aquifer, it is recommended that a Geoprobe[®] Hydraulic Profiling Tool (HPT)-Groundwater Sampler (GWS) be used to conduct additional profiling, particularly near Willetts Creek and the proposed location of the PRB IRM. As the HPT-GWS sampler is advanced, profiling sensors provide real-time hydrostratigraphic and physiochemical data. Specifically, the HPT records continuous measurements of the relative changes in the hydraulic permeability of the soil simultaneously with depth. Electric conductivity (EC) measurements are also recorded and are related to changes in the stratigraphy or groundwater quality. The HPT uses an injection and pressure transducer system to add clean water at a low flow rate during advancement of the probe. The matrix back-pressure response is monitored and provides an indication of soil permeability. The pressure response is inversely proportional to the soil permeability, with a higher back pressure indicating a low permeability and vice versa. To collect the in-situ groundwater samples, the injection process is reversed to pull the groundwater to the surface. Additionally, it is suggested that soil cores from two to three locations be collected and analyzed for grain size to supplement the current

information to be used in designing the IRM and provide additional details on bulk soil density and particle sizes.

4.3.2 Cadmium and Chromium Geochemical Evaluation

To refine the understanding of what fraction of cadmium is in the dissolved phase compared to sorbed phase, EA recommends collecting groundwater samples during the remaining 2024 quarterly site management events using two filter sizes 0.45 micron (the size previously used at the Site) and 0.1 micron. The high loads of total cadmium during the PDI suggest that a large fraction of cadmium may be migrating through the aquifer on suspended particles which may be captured by a smaller size filter.

To confirm that hexavalent chromium is not a constituent of the contaminant plume, it is recommended that chromium speciation be re-evaluated to confirm that the historical trend of non-detects continues throughout the site. Historical measurements as recent as 2019 found no detections of hexavalent chromium at the Site (AECOM 2019).

4.3.3 Installation of Monitoring Wells

While on-site to complete further plume delineation, it is recommended that three additional permanent monitoring wells be installed at the following locations:

- 1. ISB-B5: Intended to monitor the location with the greatest cadmium concentrations and greatest expected influence to Willetts Creek.
- 2. Between ISB-A9 and ISB-C3: Intended to capture a more upgradient monitoring point above ISB-B5 and near to the highest measured total cadmium concentration during the May/June PDI effort.
- 3. Behind Captree Plaza in the vicinity of ISB-B7: Intended to capture the elevated concentrations noted behind the plaza and immediately upgradient of Willetts Creek.

These wells will be used to more accurately monitor the movement of cadmium and chromium within the aquifer at the Site and determine potential contributions to Willetts Creek.

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Tables

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Version: FINAL Table 1, Page 1 of 3 November 2024

	Depth Range		
Sample ID	(ft bgs)	QA/QC Sample	Sample Date
	11-15		5/17/2024
ISB-A1	21-25		5/17/2024
ISD-AI	31-35		5/17/2024
	41-45		5/17/2024
	11-15		5/17/2024
ISB-A2	21-25		5/17/2024
15D-A2	31-35		5/17/2024
	41-45		5/17/2024
	11-15		5/17/2024
ISB-A3	21-25		5/17/2024
15B-A5	31-35		5/17/2024
	41-45		5/17/2024
	11-15		5/15/2024
ISB-A4	21-25		5/15/2024
15B-A4	31-35		5/15/2024
	41-45		5/15/2024
	11-15		5/15/2024
ISB-A5	21-25	FD-02	5/15/2024
15B-A5	31-35		5/15/2024
	41-45		5/15/2024
	11-15		5/21/2024
	21-25		5/21/2024
ISB-A6	31-35		5/21/2024
	41-45		5/21/2024
	11-15		5/21/2024
ICD A7	21-25		5/21/2024
ISB-A7	31-35		5/21/2024
	41-45		5/21/2024
	11-15		5/22/2024
	21-25		5/22/2024
ISB-A8	31-35		5/22/2024
	41-45		5/22/2024
	11-15		5/22/2024
	21-25		5/22/2024
ISB-A9	31-35		5/22/2024
	41-45		5/22/2024
	11-15		5/23/2024
	21-25		5/23/2024
ISB-A10	31-35		5/23/2024
	41-45		5/23/2024

Table 1. In-Situ Boring Sample Summary

Notes:

bgs = below ground surface

ft = feet (foot)

ID = identification

QA/QC = quality assurance/quality control

Version: FINAL Table 1, Page 2 of 3 November 2024

	Depth Range		j		
Sample ID	(ft bgs)	QA/QC Sample	Sample Date		
	4-8	MS/MSD	6/5/2024		
	11-15		5/10/2024		
ISB-B1	21-25		5/10/2024		
	31-35		5/10/2024		
	41-45		5/10/2024		
	4-8		6/5/2024		
	11-15		5/10/2024		
ISB-B2	21-25		5/10/2024		
	31-35		5/10/2024		
	41-45		5/10/2024		
	3.5-7.5		6/5/2024		
	11-15	FD-01	5/9/2024		
ISB-B3	21-25		5/9/2024		
	31-35		5/9/2024		
	41-45		5/9/2024		
	7-11		6/4/2024		
	11-15		5/14/2024		
ISB-B4	21-25		5/14/2024		
	31-35		5/14/2024		
	41-45		5/14/2024		
	7-11		6/5/2024		
	11-15		5/16/2024		
ISB-B5	21-25		5/16/2024		
	31-35	MS/MSD	5/16/2024		
	41-45		5/16/2024		
	11-15		6/4/2024		
ISB-B6	21-25		6/4/2024		
130-00	31-35		6/4/2024		
	41-45		6/4/2024		
	11-15		6/4/2024		
ISB-B7	21-25		6/4/2024		
ISD-D/	31-35		6/4/2024		
	41-45		6/4/2024		
	11-15		5/24/2024		
ומם הס	21-25		5/24/2024		
ISB-B8	31-35	FD-05	5/24/2024		
	41-45		5/24/2024		
	11-15		5/24/2024		
	21-25		5/24/2024		
ISB-B9	31-35		5/24/2024		
	41-45	MS/MSD	5/24/2024		

Table 1. In-Situ Boring Sample Summary

Notes:

bgs = below ground surface

ft = feet (foot)

ID = identification

QA/QC = quality assurance/quality control

	Depth Range		ĩ		
Sample ID	(ft bgs)	QA/QC Sample	Sample Date		
	11-15		5/20/2024		
ISB-C1	21-25		5/20/2024		
ISD-C1	31-35		5/20/2024		
	41-45	MS/MSD	5/20/2024		
	11-15		5/20/2024		
ISB-C2	21-25	FD-03	5/20/2024		
ISD-C2	31-35		5/20/2024		
	41-45		5/20/2024		
	11-15		5/23/2024		
ISB-C3	21-25	FD-04	5/23/2024		
128-02	31-35		5/23/2024		
	41-45		5/23/2024		
	4-8		6/5/2024		
	11-15		5/8/2024		
ISB-D1	21-25		5/8/2024		
	31-35		5/8/2024		
	41-45		5/8/2024		
	3.5-7.5	FD-06	6/5/2024		
	11-15		5/8/2024		
ISB-D2	21-25		5/8/2024		
	31-35		5/8/2024		
	41-45	MS/MSD	5/8/2024		
	3.5-7.5		6/5/2024		
	11-15		5/7/2024		
ISB-D3	21-25		5/7/2024		
	31-35		5/7/2024		
	41-45		5/7/2024		

Table 1. In-Situ Boring Sample Summary

Notes:

bgs = below ground surface

ft = feet (foot)

ID = identification

QA/QC = quality assurance/quality control

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Table 2	Hydraulic	Conductivity	Results
I abit 2	. IIyul aunu	Conductivity	Incounts

				- V		Ľ		Bo	ouwer-Rice (19	76)	
	Well Screen Interval	Well Diameter	Screened Interval	Test	Test	Initial Water Level	Observed Displacement	Hydraulic Conductivity	Average Hydraulic Conductivity	Average Hydraulic Conductivity	
Well	(ft btoic)	(in)	Lithology	Туре	Number	(ft btoic)	H(0) (ft)	(cm/sec)	(cm/sec)	(ft/day)	
				Falling	1	4.216	0.713	1.35E-01	0.149	421.37	
MW-13A	5-10	2	Loose, well	1 uning	2	4.219	0.829	1.63E-01	0.115	121.37	
101 (* 1571	5 10	2	graded sand	Rising	1	4.221	0.532	7.85E-01	0.448	1268.65	
				Tubing	2	4.215	0.469	1.10E-01	0.110	1200.00	
				Falling	1	4.094	0.564	1.47E-01	0.142	401.53	
MW-13B	34-44	2	Loose, well	Tuning	2	4.094	0.549	1.36E-01	0.112	101.55	
1100 ISB	5111	2	graded sand	Rising	1	4.105	0.677	1.31E-01	0.116	330.09	
				Rising	2	4.104	0.646	1.02E-01	0.110	550.07	
				Falling	1	6.798	0.355	1.31E-01	0.130	368.50	
MW-15A	18-28	2	Loose, well	Tuning	2	6.799	0.395	1.29E-01	0.150	500.50	
	10 20	-	graded sand	Rising	1	6.798	0.355	1.64E-01	0.168	475.09	
				Rusing	2	6.793	0.466	1.72E-01	0.100	175.09	
				Falling	1	6.726	1.391	1.30E-01	0.130	369.07	
MW-15B	74-84	2	Loose, well	Tuning	2	6.705	2.262	1.30E-01	0.150	507.07	
MIW 15D	/101	2	graded sand	Rising	1	6.722	1.403	1.33E-02	0.013	37.25	
				-	2	6.706	1.4	1.30E-02		57.25	
MW-22A	4-14	2	Loose, well	Falling	1	7.424	1.171	1.13E-01	0.113	320.31	
11111 22/1	7 17	2	graded sand	Rising	1	7.421	0.677	7.17E-02	0.072	520.51	
				Falling	1	7.247	0.578	9.12E-02	0.097	274.21	
MW-22B	MW-22B 22-44 2	2	Loose, well	1 annig	2	7.251	0.645	1.02E-01	0.077	2/4.21	
WI W -22D	22-77	2	graded sand	Rising	1	7.255	0.603	2.62E-02	0.039	110.17	
				Rising	2	7.251	0.596	5.15E-02	0.057	110.17	

btoic = below top of inner casing

cm = Centimeter(s).

ft = Foot (feet).

in = inch(es)

sec = Second.

						<u> </u>	È é é é é é é é é é é é é é é é é é é é		
			ISB-A1	ISB-A1	ISB-A1	ISB-A2	ISB-A2		ISB-A2
Sample I	Name	ISB-A1-GW-11-15	ISB-A1-GW-21-25	ISB-A1-GW-31-35	ISB-A1-GW-41-45	ISB-A2-GW-11-15	ISB-A2-GW-21-25	ISB-A2-GW-31-35	ISB-A2-GW-41-45
	-								
Sample	Date	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024
AWQS ¹	Unit								
			1		,	1		-	-
									< 25 U
-									< 11 U
									< 5 U
									32 J
									< 0.9 U
-									< 1.5 U
									13000
									< 5.3 U
									4.9 J
									< 9.5 U
									6800
									< 4.4 U
									3300
						1			1000
									< 0.12 U
									21
									2500
									< 8.5 U
									< 4.4 U
						1			44000
									< 16 U
									< 5.4 U
2000	µg/L	< 8 U	10	23				32	11
NG	/7	12000	7100	<000	, , , , , , , , , , , , , , , , , , ,	<i>,</i>	60 00	10000	12000
									12000
									< 11 U
									< 5 U
									230
-									1.5 J
									3.9 J
	· -								14000
							-		660
									47
									310
						1			94000 27
									4900 3400
									< 0.12 U
									< 0.12 U 150
									3800
10	μg/L μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
1 10 7	μg/L				< 8.3 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.3 U < 4.4 U	< 8.3 U < 4.4 U
50	II o /T								\u00e4 + 4 1 \u00e4 \u00e4
50 20000	μg/L	< 4.4 U	< 4.4 U 18000	< 4.4 U 20000					
20000	µg/L	110000	18000	20000	29000	34000	22000	28000	45000
	Sample I Parent Sa Sample NYSDEC AWQS1 NSL 3 25 1000 3 50 NSL 200 300 25 300 250 NSL 2000 300 25 35000 300 0.7 100 NSL 20000 0.5 NSL 20000 0.5 NSL 20000 0.5 NSL 20000 0.5 NSL 3 5 NSL 300 200 300 200 300 200 300 200 300 200<	Sample NameParent Sample DateSample DateSample DateNYSDECInditeAWQS1Unite0µg/L3µg/L25µg/L1000µg/L50µg/L200µg/L300µg/L300µg/L300µg/L300µg/L300µg/L300µg/L300µg/L300µg/L300µg/L300µg/L100µg/L100µg/L100µg/L50µg/L100µg/L50µg/L0.5µg/L100µg/L300	Sample Name ISB-A1-GW-11-15 Parent Sample Date $5/17/2024$ Sample Date $5/17/2024$ NYSDEC AWQS ¹ Unit MWQS ¹ Unit $$	Sample Name ISB-A1-GW-11-15 ISB-A1-GW-21-25 Parent Sample 5/17/2024 5/17/2024 Sample Date 5/17/2024 5/17/2024 NYSDEC AWQS ¹ Unit $ NSL \mu g/L <25 U$	Location ID ISB-A1 ISB-A1 ISB-A1-GW-31-35 Sample Tate ISB-A1-GW-31-35 ISB-A1-GW-31-35 Parent Sample Tate 5/17/2024 5/17/2024 S/17/2024 Sample Date S/17/2024 5/17/2024 5/17/2024 5/17/2024 NYSDEC AWQS ¹ Unit Sample Date S/17/2024 5/17/2024 5/17/2024 NYSDEC AWQS ¹ Unit Sample Date Sample Date Sample Date Sample Date MYSDEC AWQS ¹ Unit Sample Date Sample Date Sample Date Sample Date MYSDEC AWQS ¹ UpfL <25 U <25 U <25 U <25 U MSL µg/L <5 U <5 U <5 U <5 U MSL µg/L 1.9 J <1.5 U <1.5 U NSL µg/L 1.9 J <1.5 U <1.5 U NSL µg/L <5.3 U <5.3 U <5.3 U <5.3 U NSL µg/L <2300 2300 2400 Mg/L 2		Location ID ISB-A1 ISB <a1< th=""> I</a1<>		Local D DS-A1 DS-A1 DS-A1 DS-A2 DS-A2 DS-A2 DS-A2 DS-A2 Sample Vance BN-A1-GW-11-35 BR-A1-GW-11-35 BR-A1-GW-11-35 BR-A2-GW-11-15 BR-A2-GW-21-35 BR-A2-GW-31-35 BR-A

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated NSL = No screening level available U = Analyte not detected **Bold** and shaded values exceed the New York Class GA AWQS.

Table 3. Groundwater Analytical Results (Metals)

					Table 3.	Groundwater A	nalytical Results	(Metals)		
	Locati			ISB-A3	ISB-A3	ISB-A3	ISB-A4	ISB-A4	ISB-A4	ISB-A4
	Sample 1	Name	ISB-A3-GW-11-15	ISB-A3-GW-21-25	ISB-A3-GW-31-35	ISB-A3-GW-41-45	ISB-A4-GW-11-15	ISB-A4-GW-21-25	ISB-A4-GW-31-35	ISB-A4-GW-41-45
	Parent Sa	ample								
	Sample	Date	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024
	NYSDEC									
Analyte	AWQS ¹	Unit								
						,	W6010D/SW7470A)			
Aluminum	NSL	μg/L	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	µg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	µg/L	13 J	26 J	54	75	27 J	21 J	28 J	30 J
Beryllium	3	µg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	14	9	9.9	3.9 J	5	< 1.5 U	< 1.5 U	< 1.5 U
Calcium	NSL	µg/L	15000	19000	17000	17000	16000	17000	10000	11000
Chromium, Total	50	μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	12	12	27	< 2.7 U	10	15	5.4 J	< 2.7 U
Copper	200	µg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	4200	3700	13000	2300	5100	4200	2100	3100
Lead	25	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	µg/L	2100	3000	3400	3900	1900	2800	1600	3200
Manganese	300	µg/L	1800	2600	5400	490	760	3200	3100	750
Mercury	0.7	µg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	µg/L	17	17	44	6.3 J	21	20	19	12
Potassium	NSL	µg/L	2000 J	3100	3700	3700	2700	2000	2400	2100
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	9900	13000	30000	50000	25000	19000	22000	31000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium Zina	NSL 2000	μg/L	< 5.4 U 16	< 5.4 U 19	< 5.4 U 27	< 5.4 U < 8 U	< 5.4 U 20	< 5.4 U 18	< 5.4 U	< 5.4 U
Zinc	2000	µg/L	10	19	27		20 76010D/SW7470A)	18	20	18
Aluminum	NSL	ug/I	16000	13000	18000	4300	15000	14000	19000	10000
Antimony	3	μg/L μg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	μg/L μg/L	< 11 U < 5 U	< 5 U	< 11 U < 5 U	< 11 U < 5 U	9.2 J	8.4 J	11	7.5 J
Barium	1000	μg/L μg/L	140	200	490	120	9.2 J 100	120	410	120
Beryllium	3	μg/L μg/L	2.7 J	1.8 J	2.2 J	< 0.9 U	1.2 J	1.1 J	1.6 J	< 0.9 U
Cadmium	5	μg/L μg/L	46	29	49	6.8	1.2 3	2.8 J	4.3	3.1 J
Calcium	NSL	μg/L	16000	20000	19000	17000	17000	17000	11000	12000
Chromium, Total	50	μg/L	520	360	1500	160	350	300	370	300
Cobalt	NSL	μg/L	45	60	110	9.0 J	27	35	45	22
Copper	200	μg/L	170	160	530	54	160	180	230	280
Iron	300	μg/L	61000	57000	180000	22000	55000	55000	70000	51000
Lead	25	µg/L	33	34	49	8.1 J	16	19	40	16
Magnesium	35000	μg/L	3300	4300	5200	4400	3800	4700	4100	4800
Manganese	300	μg/L	5200	8300	13000	950	1500	5200	17000	2500
Mercury	0.7	µg/L	0.28	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	µg/L	84	96	280	38	120	79	130	75
Potassium	NSL	μg/L	3000	4100	5100	4300	4200	3700	4500	3500
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	9900	13000	30000	51000	25000	18000	22000	31000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	23	17	24	9.9 J	32	25	37	21
Zinc	2000	μg/L	240	170	390	36	140	160	230	120
Reasonable and the second seco	-									

Notes: Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter J = Concentration is estimated NSL = No screening level available U = Analyte not detected **Bold** and shaded values exceed the

	Locati	on ID	ISB-A5	ISB-A5	ISB-A5	ble 3. Groundwa ISB-A5	ISB-A5	ISB-A6	ISB-A6	ISB-A6	ISB-A6
					ISB-A5 ISB-GW-FD-02-05152024						
	Parent Sa		15D-A5-G W-11-15	15D-A5-GW-21-25	ISB-A5-GW-21-25	15D-A5-GW-51-55	15D-A5-G W-41-45	15D-A0-G W-11-15	15D-A0-G W-21-25	15D-A0-G W-51-55	15D-A0-G W-41-43
	Sample	-	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024
	Sample	Date	3/13/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024
	NYSDEC										
Analyte	AWQS ¹	Unit									
maryte	1111 25	Cint				Dissolved Me	tals (SW6010D/SW7	<u> </u> 74704)			
Aluminum	NSL	µg/L	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L	<11 U	<11 U	<11 U	<11 U	<11 U	<11 U	<11 U	<11 U	<11 U
Arsenic	25	μg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	18 J	16 J	18 J	16 J	33 J	23 J	19 J	13 J	41 J
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	1.7 J	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	19	9.6	9	12
Calcium	NSL	μg/L	13000	12000	13000	9600	8500	20000	20000	9500	16000
Chromium, Total		μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	4.6 J	4.8 J	6.0 J	3.3 J	10 J	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	810	3900	3900	2100	4600	5600	6100	4500	4900
Lead	25	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	μg/L	1600	1800	2000	1400	1900	2600	2900	1600	2600
Manganese	300	μg/L	1000	1800	2000	1200	1700	360	400	670	250
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	11	21	20	11	28	14	11	12	11
Potassium	NSL	μg/L	2600	1500 J	1600 J	1700 J	1900 J	2600	2400	1800 J	2400
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	8.7 J	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	13000	10000	11000	12000	25000	23000	13000	9900	20000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	µg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	μg/L	11	16	15	9.7 J	15	< 8 U	8.7 J	< 8 U	< 8 U
						Total Meta	ls (SW6010D/SW74'	70A)			
Aluminum	NSL	µg/L	52000	22000	15000	14000	32000	9600	10000	6900	5300
Antimony	3	µg/L	<11 U	<11 U	< 11 U	< 11 U	< 11 U	<11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	µg/L	16	8.6 J	7.6 J	5.3 J	16	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	240	180	140	140	290	120	85	76	110
Beryllium	3	μg/L	3.5 J	1.8 J	< 0.9 U	1.1 J	2.1 J	1.0 J	0.92 J	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	7.6	2.2 J	< 1.5 U	2.1 J	13	130	51	45	53
Calcium	NSL	μg/L	14000	13000	12000	11000	16000	21000	21000	10000	17000
Chromium, Total	50	µg/L	270	250	220	220	1600	1100	560	380	430
Cobalt	NSL	µg/L	52	27	22	23	78	15	12	13	9.7 J
Copper	200	μg/L	210	170	160	160	1400	160	140	120	130
Iron	300	μg/L	92000	59000	44000	45000	260000	58000	56000	47000	48000
Lead	25	μg/L	53	27	25	21	40	20	13	9.8 J	8.9 J
Magnesium	35000	μg/L	8200	5100	3900	3500	6400	3600	4200	2300	3400
Manganese	300	μg/L	7800	6200	4600	5100	8500	1300	1300	1700	700
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	µg/L	100	85	71	69	400	79	77	63	68
Potassium	NSL	μg/L	6900	4300	3700	3600	5900	3400	3400	2500	3100
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	µg/L	14000	11000	12000	14000	27000	23000	14000	10000	20000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	µg/L	82	36	28	26	50	13	13	10	9.6 J
Zinc	2000	μg/L	230	160	150	72	510	85	60	41	32

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated

NSL = No screening level available
 U = Analyte not detected
 Bold and shaded values exceed the

Table 3 Croundwater Analytical Results (Metals)

					Table 3	. Groundwater A	nalytical Results ((Metals)		
	Locati			ISB-A7	ISB-A7	ISB-A7	ISB-A8	ISB-A8	ISB-A8	ISB-A8
	Sample 1	Name	ISB-A7-GW-11-15	ISB-A7-GW-21-25	ISB-A7-GW-31-35	ISB-A7-GW-41-45	ISB-A8-GW-11-15	ISB-A8-GW-21-25	ISB-A8-GW-31-35	ISB-A8-GW-41-45
	Parent Sa	mple								
	Sample	Date	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024
	NYSDEC									
Analyte	AWQS ¹	Unit								
						Dissolved Metals (S	W6010D/SW7470A)		•	
Aluminum	NSL	μg/L	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L	< 11 U	< 11 U	< 11 U	<11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	14 J	27 J	19 J	21 J	58	13 J	21 J	31 J
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	96	4.9	4.0 J	3.3 J	20	1.8 J	1.7 J	< 1.5 U
Calcium	NSL	μg/L	17000	23000	12000	14000	59000	16000	18000	21000
Chromium, Total	50	μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	89	12	4.8 J	3.2 J	12	5.5 J	4.0 J	< 2.7 U
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	4600	7700	4700	2800	6700	3600	3000	5700
Lead	25	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	μg/L	2600	3700	2100	2000	11000	2400	3200	3200
Manganese	300	μg/L	1400	2300	950	480	930	1000	770	780
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	17	22	15	9.4 J	21	13	11	15
Potassium	NSL	μg/L	2500	3100	2400	2400	9400	2300	2000 J	3400
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	17000	42000	17000	16000	85000	8300	11000	21000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	μg/L	< 8 U	< 8 U	13	12	< 8 U	14	< 8 U	< 8 U
		10				Total Metals (SW	/6010D/SW7470A)			
Aluminum	NSL	μg/L	47000	37000	9800	7200	56000	18000	12000	5800
Antimony	3	μg/L		< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	μg/L	16	< 5 U	< 5 U	< 5 U	11	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	360	380	130	110	490	150	190	150
Beryllium	3	μg/L	4.5	3.5 J	1.0 J	< 0.9 U	4.7	1.5 J	1.2 J	< 0.9 U
Cadmium	5	μg/L		55	23	16	180	4.9	3.7 J	5.2
Calcium	NSL	μg/L	18000	31000	14000	15000	69000	18000	19000	23000
Chromium, Total		μg/L		1600	470	330	670	420	290	420
Cobalt	NSL	μg/L	210	89	30	28	100	29	31	21
Copper	200	μg/L	340	670	180	110	530	190	140	190
Iron	300	μg/L	140000	210000	64000	45000	150000	79000	49000	52000
Lead	25	μg/L		63	17	12	88	26	36	15
Magnesium	35000	μg/L	6500	9200	3400	2900	15000	5300	4400	4000
Manganese	300	μg/L	8100	9000	2700	1700	3400	3400	4900	2100
Mercury	0.7	μg/L	< 0.12 U	0.12 J	< 0.12 U	< 0.12 U	0.13 J	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	140	270	89	56	180	100	66	76
Potassium	NSL	μg/L	4800	5800	3300	3300	13000	4300	2600	4100
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L		41000	17000	16000	91000	8300	10000	21000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	64	38	13	11	60	37	19	9.2 J
Zinc	2000	μg/L		340	130	92	500	120	68	75
·		1.0.7		0.0	100		200		~~	

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

Table 3. Groundwater Analytical Results (Metals)

			Table 3. Groundwater Analytical Results (Metals) ISP 40 ISP 410 ISP 410										
	Locatio			ISB-A9	ISB-A9	ISB-A9	ISB-A10	ISB-A10	ISB-A10	ISB-A10			
	Sample I	Name	ISB-A9-GW-11-15	ISB-A9-GW-21-25	ISB-A9-GW-31-35	ISB-A9-GW-41-45	ISB-A10-GW-11-15	ISB-A10-GW-21-25	ISB-A10-GW-31-35	ISB-A10-GW-41-45			
	Parent Sa	mple											
	Sample	Date	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/23/2024	5/23/2024	5/23/2024	5/23/2024			
	NYSDEC												
Analyte	AWQS ¹	Unit											
				•		Dissolved Metals	(SW6010D/SW7470A	A)	·				
Aluminum	NSL	μg/L	77	< 25 U	< 25 U	< 25 U	450	< 25 U	< 25 U	< 25 U			
Antimony	3	μg/L	< 11 U	<11 U	<11 U	<11 U	< 11 U	< 11 U	< 11 U	< 11 U			
Arsenic	25	μg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U			
Barium	1000	μg/L	18 J	19 J	29 J	44 J	10 J	39 J	67	60			
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U			
Cadmium	5	µg/L	3.2 J	2.3 J	1.9 J	1.9 J	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U			
Calcium	NSL	µg/L	18000	21000	24000	25000	10000	22000	26000	18000			
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U			
Cobalt	NSL	μg/L	< 2.7 U	4.6 J	3.4 J	4.1 J	< 2.7 U	3.6 J	5.1 J	< 2.7 U			
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U			
Iron	300	μg/L	8300	2900	1400	2100	3900	2700	370	960			
Lead	25	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U			
Magnesium	35000	μg/L	2900	4300	6200	6000	1900	3500	4300	3800			
Manganese	300	μg/L	710	1300	940	1400	590	1200	2500	690			
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.15 J			
Nickel	100	μg/L	11	13	11	15	< 4.6 U	9.8 J	14	8.8 J			
Potassium	NSL	μg/L	1700 J	1900 J	2600	3600	1500 J	2400	3900	3900			
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U			
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U			
Sodium	20000	μg/L	24000	20000	19000	27000	6000	21000	17000	23000			
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U			
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U			
Zinc		μg/L	< 8 U	15	11	14	< 8 U	9.0 J	9.0 J	< 8 U			
		10				Total Metals (S	SW6010D/SW7470A)						
Aluminum	NSL	µg/L	140000	120000	16000	5900	180000	73000	27000	15000			
Antimony	3	μg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U			
Arsenic	25	μg/L	15	33	< 5 U	< 5 U	15	40	< 5 U	13			
Barium	1000	μg/L	320	380	250	190	410	490	3600	570			
Beryllium	3	μg/L	4.6	9.3	< 0.9 U	< 0.9 U	6.2	4.6	2.1 J	1.8 J			
Cadmium	5	μg/L	2500	42	20	15	10	2.6 J	11	< 1.5 U			
Calcium	NSL	μg/L	22000	23000	26000	29000	21000	21000	25000	19000			
Chromium, Total	50	μg/L	540	460	360	260	900	450	390	190			
Cobalt	NSL	μg/L	40	86	32	19	34	53	93	46			
Copper	200	μg/L	270	270	94	85	320	240	170	65			
Iron	300	μg/L	140000	240000	48000	35000	110000	210000	90000	75000			
Lead	25	μg/L	85	100	27	15	80	94	21	29			
Magnesium	35000	μg/L	11000	14000	7700	6900	12000	8800	6500	5200			
Manganese	300	μg/L	2800	12000	8100	5700	3200	5500	47000	10000			
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.74	0.54	< 0.12 U	< 0.12 U			
Nickel	100	μg/L	230	190	150	76	200	120	190	56			
Potassium	NSL	μg/L	7000	8500	4400	4500	7900	6800	6900	5500			
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U			
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 0.5 U < 4.4 U			
Sodium	20000	μg/L	27000	20000	21000	28000	6400	22000	20000	24000			
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U			
Vanadium	NSL	μg/L μg/L	200	190	28	12	81	150	30	49			
Zinc		μg/L μg/L	410	370	110	95	270	230	370	63			

Zinc Notes:

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

Table 3. Groundwater Analytical Results (Metals)

Table 3	. Groundwater A	nalytical Results ((Metals)			
ISB-B1	ISB-B1	ISB-B2	ISB-B2	ISB-B2	ISB-B2	ISB-B2
B-B1-GW-31-35	ISB-B1-GW-41-45	ISB-B2-GW-4-8	ISB-B2-GW-11-15	ISB-B2-GW-21-25	ISB-B2-GW-31-35	ISB-B2-GW-41-45
5/10/2024	5/10/2024	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024
	Dissolved Metals (S)					
< 25 U	Dissolved Metals (S < 25 U	45 J	< 25 U	< 25 U	< 25 U	< 25 U
< 25 U	< 25 U < 11 U	15 J	< 23 U < 11 U	< 11 U	< 11 U	< 11 U
< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
37 J	51	17 J	32 J	28 J	45 J	51
< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
8.5	5.1	< 1.5 U	2.7 J	< 1.5 U	1.5 J	< 1.5 U
15000	24000	12000	26000	18000	16000	18000
< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
5.7 J	< 2.7 U	< 2.7 U	9.4 J	8.7 J	8.6 J	< 2.7 U
< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
3200	2000	1700	4000	7000	3900	2300
< 4.4 U	< 4.4 U	6.1 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
3200	4900	1900	3800	2900	3200	3500
790	570	210	2100	4000	5900	660
< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
17	10	< 4.6 U	21	34	35	12
2400	2400	3300	2500	3100	3400	2900
< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
54000	65000	63000	62000	23000	40000	51000
< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
14	11 Total Metals (SW)	$< 8 \mathrm{U}$	9.6 J	19	14	10
7000	13000	200000	14000	15000	15000	2500
7000 < 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	<11 U
< 11 U < 5 U	< 11 U 6.4 J	19	< 11 U < 5 U	< 11 U < 5 U	< 11 U < 5 U	< 11 U < 5 U
110	150	490	160	290	370	81
0.93 J	1.4 J	<u>9.1</u>	1.0 J	0.99 J	1.0 J	< 0.9 U
13	9.4	2.7 J	13	3.8 J	4.8	1.5 J
15000	24000	16000	26000	18000	16000	17000
180	290	350	590	1200	760	120
17	20	100	39	47	47	4.3 J
220	280	310	360	650	360	59
31000	49000	310000	74000	130000	94000	16000
13	19	110	32	41	54	10
4100	7000	31000	4800	4100	4300	3800
2100	2500	3600	3800	9000	16000	1000
< 0.12 U	< 0.12 U	0.13 J	0.22	0.21	< 0.12 U	< 0.12 U
61	76	190	140	260	200	33
3400	4600	18000	4200	5300	5300	3800
< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
49000	60000	56000	64000	26000	43000	55000
< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
15	26	260	23	21	24	8.1 J
190	130	1000	260	610	460	110

						Table 3	. Groundwater A	nalytical Results	(Metals)			
	Locati		ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B2	ISB-B2	ISB-B2	ISB-B2	ISB-B2
	Sample 1		ISB-B1-GW-4-8	ISB-B1-GW-11-15	ISB-B1-GW-21-25	ISB-B1-GW-31-35	ISB-B1-GW-41-45	ISB-B2-GW-4-8	ISB-B2-GW-11-15	ISB-B2-GW-21-25	ISB-B2-GW-31-35	ISB-B2-GW-41-45
	Parent Sa	-	<b -									
	Sample	Date	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024
	NYSDEC											
		TT 94										
Analyte	AWQS ¹	Unit					D'analas I Matala (S					
Aluminum	NSL	µg/L	120000	< 25 U	< 25 U	< 25 U	Dissolved Metals (S < 25 U	45 J	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L μg/L	< 11 U	< 23 U < 11 U	< 23 U < 11 U	< 23 U < 11 U	< 23 U < 11 U	15 J	< 23 U < 11 U			
Arsenic	25	μg/L μg/L	25	5.6 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L μg/L	290	23 J	27 J	37 J	51	17 J	32 J	28 J	45 J	51
Beryllium	3	μg/L	5.7	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	2.0 J	38	23	8.5	5.1	< 1.5 U	2.7 J	< 1.5 U	1.5 J	< 1.5 U
Calcium	NSL	μg/L	22000	17000	14000	15000	24000	12000	26000	18000	16000	18000
Chromium, Total	50	μg/L	510	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	53	7.9 J	13	5.7 J	< 2.7 U	< 2.7 U	9.4 J	8.7 J	8.6 J	< 2.7 U
Copper	200	μg/L	140	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	120000	7000	6300	3200	2000	1700	4000	7000	3900	2300
Lead	25	μg/L	49	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	6.1 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	μg/L	9300	1700	2200	3200	4900	1900	3800	2900	3200	3500
Manganese	300	μg/L	4000	490	1100	790	570	210	2100	4000	5900	660
Mercury	0.7	µg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	280	29	30	17	10	< 4.6 U	21	34	35	12
Potassium	NSL	µg/L	8500	3300	2600	2400	2400	3300	2500	3100	3400	2900
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	µg/L	45000	21000	26000	54000	65000	63000	62000	23000	40000	51000
Thallium	0.5	µg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	140	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	µg/L	1700	29	32	14	11	< 8 U	9.6 J	19	14	10
) YOY	æ	110000	1.400.0	11000		Total Metals (SW	,	1.4000	1 7000	1 7000	2700
Aluminum		μg/L	110000	14000	11000	7000	13000	200000	14000	15000	15000	2500
Antimony	3 25	μg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25 1000	μg/L	14	8.1 J	6.6 J	< 5 U	6.4 J	19	< 5 U	< 5 U	< 5 U 370	< 5 U
Barium Beryllium	3	μg/L	<u>260</u> 4.5	120 1.5 J	140 1.4 J	110 0.93 J	150 1.4 J	490	160 1.0 J	290 0.99 J	1.0 J	81 < 0.9 U
Cadmium	5	μg/L μg/L	2.2 J	93	51	13	9.4	9.1 2.7 J	13	3.8 J	4.8	< 0.9 U
Calcium	NSL	μg/L μg/L	21000	18000	15000	15000	24000	16000	26000	18000	16000	17000
Chromium, Total	50	μg/L μg/L	330	580	440	180	290	350	590	1200	760	120
Cobalt	NSL	μg/L μg/L	47	26	30	17	20	100	39	47	47	4.3 J
Copper	200	μg/L	100	520	470	220	280	310	360	650	360	59
Iron	300	μg/L	91000	79000	66000	31000	49000	310000	74000	130000	94000	16000
Lead	25	μg/L	38	23	21	13	19	110	32	41	54	10
Magnesium	35000	μg/L	8600	3400	3600	4100	7000	31000	4800	4100	4300	3800
Manganese	300	μg/L	3600	1200	2100	2100	2500	3600	3800	9000	16000	1000
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.13 J	0.22	0.21	< 0.12 U	< 0.12 U
Nickel	100	μg/L	190	160	120	61	76	190	140	260	200	33
Potassium	NSL	μg/L	7400	4900	3900	3400	4600	18000	4200	5300	5300	3800
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	44000	20000	25000	49000	60000	56000	64000	26000	43000	55000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium Zinc	NSL 2000	μg/L μg/L	110 1600	33 360	22 340	15 190	26 130	260 1000	23 260	21 610	24 460	8.1 J 110

Notes: Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter J = Concentration is estimated NSL = No screening level available U = Analyte not detected Bold and shaded values exceed the

						Tab	ole 3. Groundwat	er Analytical Res	ults (Metals)				Table 3. Groundwater Analytical Results (Metals)Location IDISB-B3ISB-B3ISB-B3ISB-B3ISB-B4ISB-B4ISB-B4ISB-B4													
	Sample 1	Name	ISB-B3-GW-3.5-7.5	ISB-B3-GW-11-15	ISB-GW-FD-01-05092024	ISB-B3-GW-21-25	ISB-B3-GW-31-35	ISB-B3-GW-41-45	ISB-B4-GW-7-11	ISB-B4-GW-11-15	ISB-B4-GW-21-25	ISB-B4-GW-31-35	ISB-B4-GW-41-45													
	Parent Sa	ample			ISB-B3-GW-11-15																					
	Sample	Date	6/5/2024	5/9/2024	5/9/2024	5/9/2024	5/9/2024	5/9/2024	6/4/2024	5/14/2024	5/14/2024	5/14/2024	5/14/2024													
	NYSDEC																									
Analyte	AWQS ¹	Unit																								
							Dissolved Meta	als (SW6010D/SW74	70A)																	
Aluminum	NSL	µg/L	250	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	230	< 25 U	< 25 U	< 25 U	< 25 U													
Antimony	3	μg/L	15 J	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	19 J	< 11 U	< 11 U	< 11 U	< 11 U													
Arsenic	25	μg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U													
Barium	1000	μg/L	32 J	23 J	23 J	16 J	23 J	75	23 J	34 J	18 J	13 J	51													
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U													
Cadmium	5	μg/L	< 1.5 U	6.1	6.2	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	13	39	4.7	1.7 J													
Calcium	NSL	μg/L	27000	17000	17000	9800	11000	19000	38000	32000	20000	6100	10000													
Chromium, Total	50	μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U													
Cobalt	NSL	μg/L	< 2.7 U	8.9 J	8.9 J	4.7 J	6.5 J	< 2.7 U	< 2.7 U	2.7 J	4.3 J	3.6 J	< 2.7 U													
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U													
Iron	300	μg/L	<u>6900</u>	9800	9800	8300	5800	2800	1400	11000	6200	6000	1200													
Lead	25	μg/L	7.1 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	7.3 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U													
Magnesium	35000	μg/L μg/L	5700	2700	2800	1700	2900	4500	6800	4800	2600	1000	2000													
Manganese	300	μg/L	190	970	990	1500	1200	360	130	460	600	1300	300													
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U													
Nickel	100	μg/L	< 4.6 U	25	23	19	16	10	< 4.6 U	28	22	22	6.2 J													
Potassium	NSL	μg/L μg/L	8500	2100	2100	19 1800 J	2200	2800	4100	3400	2400	2000	2000 J													
Selenium	10	μg/L μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U													
Silver	50	μg/L μg/L	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U	< 8.5 U < 4.4 U													
Sodium	20000	μg/L μg/L	67000	19000	20000	15000	25000	42000	67000	60000	12000	9900	18000													
Thallium	0.5		< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U													
	NSL	μg/L																								
Vanadium	2000	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U 12	< 5.4 U < 8 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U													
Zinc	2000	µg/L	< 8 U	14	16	16			< 8 U	9.2 J	21	16	8.4 J													
A1	NO	. /T	700000	25000	20000	22000		(SW6010D/SW7470	/	110000	25000	5 4000	9700													
Aluminum		μg/L	700000	35000	29000	23000	16000	6200	330000	110000	25000	54000	8700													
Antimony		µg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U													
Arsenic	25	μg/L	120	6.7 J	12	5.6 J	5.8 J	< 5 U	42	15	8.1 J	6.5 J	< 5 U													
Barium		µg/L	730	190	170	170	150	130	370	360	170	590	150													
Beryllium		μg/L	28	2.3 J	1.6 J	1.3 J	< 0.9 U	< 0.9 U	16	4.6	1.8 J	3.7 J	< 0.9 U													
Cadmium	5	µg/L	2.0 J	52	48	8.7	3.9 J	< 1.5 U	65	100	75	73	3.3 J													
Calcium	NSL	μg/L	140000	20000	21000	13000	13000	21000	110000	35000	20000	13000	11000													
Chromium, Total		μg/L	1400	650	610	680	400	180	690	1300	630	3900	190													
Cobalt	NSL	μg/L	34	35	32	24	26	7.5 J	17	40	25	81	9.8 J													
Copper		µg/L	620	480	450	490	260	110	520	700	300	2100	50													
Iron	300	μg/L	170000	96000	93000	91000	62000	25000	69000	190000	90000	480000	25000													
Lead	25	µg/L	250	31	28	25	18	8.5 J	180	48	26	89	9.8 J													
Magnesium	35000	µg/L	26000	5700	5200	3700	4600	5300	17000	15000	6000	7600	3400													
Manganese		µg/L	1400	2300	2200	3900	3200	1300	700	1800	2000	9400	1900													
Mercury		µg/L	< 12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	1.3	0.2	< 0.12 U	< 0.12 U	< 0.12 U													
Nickel	100	μg/L	330	170	150	160	99	60	160	310	140	750	72													
Potassium	NSL	µg/L	17000	5200	4800	4000	3800	3700	9600	10000	5100	9400	3200													
Selenium	10	µg/L	< 8.5 U	< 8.5 U	24 J	< 8.5 U																				
Silver		µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U													
Sodium		μg/L	65000	21000	23000	15000	25000	47000	70000	54000	13000	16000	19000													
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U													
Vanadium		μg/L	930	56	45	36	29	14	160	90	39	85	16													
Zinc	2000	µg/L	410	330	300	410	240	89	250	400	250	1400	47													
Notes:							-				-															

Notes: Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter J = Concentration is estimated NSL = No screening level available U = Analyte not detected **Bold** and shaded values exceed the

Table 3. Groundwater Analytical Results (Metals)

						Table 3. Ground	dwater Analytica	l Results (Metals))		
	Locati			ISB-B5	ISB-B5	ISB-B5	ISB-B5	ISB-B6	ISB-B6	ISB-B6	ISB-B6
			ISB-B5-GW-7-11	ISB-B5-GW-11-15	ISB-B5-GW-21-25	ISB-B5-GW-31-35	ISB-B5-GW-41-45	ISB-B6-GW-11-15	ISB-B6-GW-21-25	ISB-B6-GW-31-35	ISB-B6-GW-41-45
	Parent Sa	-	<i></i>						<i></i>		~~~~
	Sample	e Date	6/4/2024	5/16/2024	5/16/2024	5/16/2024	5/16/2024	6/4/2024	6/4/2024	6/4/2024	6/4/2024
	NYSDEC										
	AWQS ¹	TT 24									
Analyte	AwQS	Unit									
Aluminum	NSL	ug/I	68	< 25 U	< 25 U	< 25 U	Metals (SW6010D / < 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L μg/L	20 J	< 23 U < 11 U	< 25 U	< 25 U	< 23 U	<u> </u>			
Arsenic	25	μg/L μg/L	< 5 U	< 11 U < 5 U	< 11 U < 5 U	< 5 U	< 11 U < 5 U	<5 U	< 5 U	<5 U	< 5 U
Barium	1000	μg/L μg/L	39 J	35 J	14 J	< 9.8 U	26 J	23 J	22 J	12 J	27 J
Beryllium	3	μg/L μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	< 0.5 U	770	49	2.4 J	< 0.5 U	26	1.6 J	< 0.5 U	< 1.5 U
Calcium	NSL	μg/L	56000	28000	15000	6800	5300	25000	15000	7300	9400
Chromium, Total		μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	< 2.7 U	4.2 J	4.1 J	3.1 J	< 3.5 U < 2.7 U	19	4.2 J	< 3.5 U	< <u>3.3 U</u> < <u>2.7 U</u>
Copper	200	μg/L μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L μg/L	200	4600	4100	6000	1400	1700	4400	1400	540
Lead	25	μg/L	7.7 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	6.5 J	6.3 J	5.9 J	< 4.4 U
Magnesium	35000	μg/L	9700	4100	2000	990	800	3600	2300	1300	1600
Manganese	300	μg/L	37	410	830	1100	280	2100	1700	2100	540
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	< 4.6 U	14	14	22	6.3 J	16	17	11	< 4.6 U
Potassium	NSL	μg/L	6100	3100	1900 J	1500 J	1700 J	3400	2000	1300 J	1500 J
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 0.5 U < 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 0.5 U < 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	130000	26000	13000	9800	30000	31000	18000	7400	16000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	μg/L	< 8 U	< 8 U	9.9 J	26	16	< 8 U	9.3 J	< 8 U	< 8 U
	2000	r8/2			,,,,,		Aetals (SW6010D/SV		,		
Aluminum	NSL	µg/L	120000	87000	45000	37000	6000	170000	21000	34000	4900
Antimony	3	μg/L	< 11 U	< 11 U	<11 U	<11 U	<11 U	< 11 U	<11 U	<11 U	< 11 U
Arsenic	25	μg/L	11	22	9.9 J	14	5.5 J	5.7 J	< 5 U	6.4 J	< 5 U
Barium	1000	μg/L	350	410	250	290	79	640	170	330	100
Beryllium	3	μg/L	< 0.9 U	6	3.1 J	2.9 J	< 0.9 U	12	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	60	1900	140	24	1.9 J	390	8.5	3.4 J	< 1.5 U
Calcium	NSL	μg/L	140000	30000	18000	10000	5400	29000	17000	9700	10000
Chromium, Total		μg/L	480	770	740	1000	130	2400	580	400	54
Cobalt	NSL	μg/L	9.1 J	91	57	36	6.6 J	160	33	36	5.5 J
Copper	200	μg/L	250	330	190	540	72	620	160	170	24
Iron	300	μg/L	31000	200000	99000	190000	22000	410000	89000	91000	14000
Lead	25	μg/L	91	72	39	50	10	140	23	38	5.7 J
Magnesium	35000	μg/L	19000	13000	7600	5700	1600	24000	5600	6300	2500
Manganese	300	µg/L	330	3900	4700	5700	1300	11000	4500	11000	2700
Mercury	0.7	μg/L	0.37	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	84	190	120	240	32	340	170	120	20
Potassium	NSL	μg/L	10000	9400	5800	5500	2900	15000	4400	5000	2100
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
	20000	µg/L	130000	28000	15000	12000	32000	26000	17000	8500	14000
Sodium											
Sodium Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
		μg/L μg/L	< 16 U 110	< 16 U 140	< 16 U 69	< 16 U 64	< 16 U 17	< 16 U 250	< 16 U 36	< 16 U 62	< 16 U 5.5 J

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated Section is estimated
 NSL = No screening level available
 U = Analyte not detected
 Bold and shaded values exceed the

	T		ICD DE		ICD D=			ical Results (Meta			ICD DO
	Locati		ISB-B7 ISB-B7-GW-11-15	ISB-B7 ISB-B7-GW-21-25	ISB-B7	ISB-B7 ISB-B7-GW-41-45	ISB-B8 ISB-B8-GW-11-15	ISB-B8	ISB-B8 ISB-B8-GW-31-35	ISB-B8 ISB-GW-FD-05-05242024	ISB-B8 ISB-B8-GW-41-45
	Parent S			15B-B/-GW-21-25	18B-B/-GW-31-35	15B-B/-GW-41-45	18B-B8-GW-11-15	15B-B8-GW-21-25	18B-B8-GW-31-35	ISB-GW-FD-05-05242024 ISB-B8-GW-31-35	15B-B8-GW-41-45
	Sample	-		6/4/2024	6/4/2024	6/4/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024
Analyte	NYSDEC AWQS ¹	,	0/4/2024	0/4/2024	0/4/2024	0/4/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024
						Disso	lved Metals (SW601	0D/SW7470A)			
Aluminum	NSL	μg/L	52	< 25 U	< 25 U	< 25 U	430	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L	19 J	18 J	17 J	14 J	12 J	< 11 U	<11 U	14 J	< 11 U
Arsenic	25	μg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	24 J	11 J	13 J	32 J	23 J	29 J	11 J	15 J	27 J
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	μg/L	51	2.6 J	< 1.5 U	< 1.5 U	< 1.5 U	2.8 J	1.5 J	< 1.5 U	1.5 J
Calcium	NSL	μg/L	45000	24000	18000	18000	16000	28000	22000	21000	19000
Chromium, Total		μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	6.9 J	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	μg/L	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	3300	1800	1500	570	14000	5200	7100	12000	9200
Lead	25	μg/L	6.6 J	6.4 J	7.3 J	5.4 J	6.8 J	< 4.4 U	< 4.4 U	7.2 J	< 4.4 U
Magnesium	35000	μg/L	6600	3500	2900	3300	3900	4700	4300	4200	3400
Manganese	300	μg/L	310	860	490	220	370	480	240	360	290
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	6.5 J	11	7.3 J	< 4.6 U	6.3 J	7.1 J	11	18	14
Potassium	NSL	μg/L	2300	2700	1800 J	2900	2400	2500	4200	3900	4200
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	67000	16000	18000	23000	60000	21000	22000	22000	35000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	5.4 J	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	μg/L	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
							al Metals (SW6010D	· · · · · · · · · · · · · · · · · · ·			
Aluminum	NSL	μg/L	110000	79000	51000	35000	52000	19000	15000	16000	12000
Antimony	3	μg/L	< 11 U	< 11 U	< 11 U	< 11 U	<11 U	< 11 U	< 11 U	< 11 U	<11 U
Arsenic	25	μg/L	23	12	15	25	13	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	240	260	310	250	460	220	180	140	200
Beryllium	3	μg/L	4.9	4.6	< 0.9 U	< 0.9 U	5.4	0.92 J	1.3 J	1.3 J	1.0 J
Cadmium	5	μg/L	450	26	2.8 J	1.8 J	520	16	13	8.8	16
Calcium	NSL	μg/L	52000	25000	19000	19000	24000	28000	25000	24000	20000
Chromium, Total		μg/L	1500	950	360	140	1600	400	670	440	870
Cobalt	NSL	μg/L	50	50	44	38	38	20	21	19	20
Copper	200	μg/L	300	220	180	81	660	160	240	160	280
Iron	300	μg/L	240000	150000	140000	94000	290000	160000	170000	170000	140000
Lead	25	μg/L	66	59	46	43	110	38	47	48	29
Magnesium	35000	μg/L	18000	13000	12000	8500	11000	8000	6800	7100	5300
Manganese	300	μg/L	1700	6400	3700	3500	1900	1600	1400	1400	1200
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.48	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	240	160	150	83	250	86	120	88	130
Potassium	NSL	μg/L	8900	8300	7300	6500	5200	4200	5500	5500	5300
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	59000	15000	17000	21000	51000	22000	23000	22000	36000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	85	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	150	98	98	78	130	29	17	19	17
Zinc	2000	μg/L	340	280	250	150	330	110	110	98	93

Quality Standard (AWQS) Class GA (Standard/guidance values) $\mu g/L = Microgram(s)$ per liter J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

					Table 3	. Groundwater A	nalytical Results ((Metals)		
	Locati			ISB-B9	ISB-B9	ISB-B9	ISB-C1	ISB-C1	ISB-C1	ISB-C1
	Sample 1			ISB-B9-GW-21-25	ISB-B9-GW-31-35	ISB-B9-GW-41-45	ISB-C1-GW-11-15	ISB-C1-GW-21-25	ISB-C1-GW-31-35	ISB-C1-GW-41-45
	Parent Sa	-								
	Sample	Date	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024
	NUCDEC									
	NYSDEC									
Analyte	AWQS ¹	Unit								
A1 ·	NGI	7	. 05 11	25 11	- 25 II		W6010D/SW7470A)	. 25 11	25.11	25.11
Aluminum	NSL 2	μg/L		< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	μg/L		< 11 U	< 11 U	< 11 U < 5 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic Barium	25 1000	μg/L	< 5 U 93	< 5 U 89	< 5 U 24 J	< 3 U 33 J	< 5 U 56	< 5 U 30 J	< 5 U 100	< 5 U 53
Beryllium	3	μg/L μg/L	<0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5		1.8 J	< 0.9 U < 1.5 U	< 0.9 U < 1.5 U	< 0.9 U < 1.5 U	300	16	17	7.8
Calcium	NSL	μg/L μg/L	24000	18000	22000	34000	38000	18000	39000	14000
Chromium, Total		μg/L μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt		μg/L μg/L	35	12	< 3.3 U < 2.7 U	< 3.3 U < 2.7 U	21	< 3.3 U 8.3 J	< 3.3 U 7.7 J	< 5.5 U
Copper		μg/L μg/L		< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L μg/L		8300	4300	6500	6700	7100	13000	13000
Lead	25	μg/L μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	μg/L	5100	3000	3700	5400	3700	2900	6800	2700
Manganese		μg/L	1800	1300	340	290	1200	800	1000	950
Mercury		μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	15	15	8.0 J	15	22	21	31	38
Potassium	NSL	μg/L	2900	3300	3200	4500	6300	2500	4200	3400
Selenium		μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	8.9 J
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L		13000	17000	19000	120000	41000	120000	83000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	5.5 J	< 5.4 U
Zinc	2000	µg/L		< 8 U	< 8 U	< 8 U	32	< 8 U	< 8 U	24
						Total Metals (SW	(6010D/SW7470A)			
Aluminum	NSL	µg/L	51000	18000	8100	13000	34000	19000	12000	21000
Antimony	3	µg/L		< 11 U	< 11 U	<11 U	< 11 U	< 11 U	<11 U	< 11 U
Arsenic	25	µg/L	35	12	7.8 J	12	15	< 5 U	< 5 U	< 5 U
Barium	1000	µg/L	450	470	140	210	180	180	240	490
Beryllium	3	µg/L	5.5	2.6 J	1.8 J	2.3 J	6.4	2.0 J	1.3 J	2.8 J
Cadmium	5	µg/L	3.5 J	2.8 J	< 1.5 U	2.0 J	690	48	26	81
Calcium	NSL	μg/L	27000	20000	24000	37000	36000	19000	37000	17000
Chromium, Total		μg/L		630	310	540	620	690	620	2700
Cobalt		µg/L		83	19	22	58	40	33	71
Copper	200	µg/L	440	260	120	200	300	290	260	1300
Iron	300	µg/L	200000	130000	70000	110000	120000	96000	80000	260000
Lead	25	µg/L		48	28	35	53	29	25	51
Magnesium		µg/L		5500	5200	7500	5600	5100	7900	5100
Manganese		µg/L		3100	1000	1000	2800	3300	3200	4600
Mercury		µg/L	2.4	< 0.12 U	< 0.12 U	< 0.12 U	0.18 J	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	µg/L	230	120	60	98	130	140	120	430
Potassium		µg/L	7100	4900	3900	5900	7600	4500	5700	5600
Selenium		µg/L		< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L		< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	µg/L		14000	17000	19000	110000	46000	120000	84000
Thallium		μg/L	23 J	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium		μg/L		27	14	25	59	31	20	29
Zinc Notes:	2000	µg/L	260	120	57	82	990	110	110	740

Zinc Notes:

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

Version: FINAL Table 3, Page 10 of 13 November 2024

Table 3 Croundwater Analytical Results (Motals)

				(Metals)	nalytical Results	Groundwater A					Location ID										
	ISB-C3						ISB-C2		ISB-C2	ISB-C2											
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	5 ISB-C3-GW-41-45	ISB-C3-GW-31-35	ISB-GW-FD-04-05222024	ISB-C3-GW-21-25	ISB-C3-GW-11-15	ISB-C2-GW-41-45	ISB-C2-GW-31-35	ISB-GW-FD-03-05202024	ISB-C2-GW-21-25	ISB-C2-GW-11-15	Name 1	Sample 1									
NNSDEX (nut) Cont Disorbed Metals (SW00100SW24703) Aburniam NSL ap1 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 < 251 <			ISB-C3-GW-21-25					ISB-C2-GW-21-25			ample	Parent Sa									
Average Unit Description	5/23/2024	5/23/2024	5/22/2024	5/23/2024	5/23/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	e Date	Sample									
Avgs Uat . Instant No. Instant No. Instant No.																					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$											2	NYSDEC									
											Unit	AWQS ¹	Analyte								
				l	W6010D/SW7470A)	Dissolved Metals (S															
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	<25 U	< 25 U	< 25 U	μg/L	NSL	Aluminum								
	< 11 U	< 11 U	< 11 U	<11 U	< 11 U	< 11 U	< 11 U	<11 U	< 11 U	<11 U	μg/L	3	Antimony								
	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	μg/L	25	Arsenic								
	28 J	21 J	< 9.8 U	< 9.8 U	62	40 J	22 J	28 J	29 J	43 J	μg/L	1000	Barium								
	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	μg/L	3	Beryllium								
	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	5.3	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	27	μg/L	5	Cadmium								
	16000	23000	11000	9700	46000	11000	8100	19000	18000	28000	μg/L	NSL	Calcium								
	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	μg/L	50	Chromium, Total								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	< 2.7 U	5.3 J	4.5 J	4.2 J	4.9 J	< 2.7 U	18	9.0 J	7.1 J	33	μg/L	NSL	Cobalt								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	μg/L	200	Copper								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	870	3700	3400	2900	6800	3900	6200	1900	1500	7700			_								
	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	μg/L	25	Lead								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2700	3100	1500	1300	6400	3100	1400	2800	2700	3400	μg/L	35000	Magnesium								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	100	1300	1100	950	720	570	2600	4300	4800	1400	μg/L	300	Manganese								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	μg/L	0.7	Mercury								
	4.8 J	15	12	11	18	9.6 J	21	23	19	23	μg/L	100	Nickel								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2200	2900	2100	2100	4100	2300	2300	2200	2300	3600	μg/L	NSL	Potassium								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	μg/L	10	Selenium								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	μg/L	50	Silver								
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	23000	16000	8200	7900	120000	33000	20000	18000	18000	36000	μg/L	20000	Sodium								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	<16 U	< 16 U	< 16 U	< 16 U	< 16 U	μg/L	0.5	Thallium								
Total Metals (SW6010D/SW7470A)AluminumNSL $\mu g/L$ 17000130002500015000330037000850006600019000Antimony3 $\mu g/L$ <11 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	μg/L	NSL	Vanadium								
AluminumNSL $\mu g/L$ 17000130002500015000330037000850006600019000Antimony3 $\mu g/L$ <11 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	9.3 J	9.7 J	< 8 U	< 8 U	< 8 U	μg/L	2000	Zinc								
Antimony3 $\mu g/L$ <11 U<11 U <t< td=""><td></td><td></td><td></td><td></td><td>6010D/SW7470A)</td><td>Total Metals (SW)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					6010D/SW7470A)	Total Metals (SW)															
Arsenic25µg/L<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U<5U <t< td=""><td>6300</td><td>19000</td><td>66000</td><td>85000</td><td>37000</td><td>3300</td><td>15000</td><td>25000</td><td>13000</td><td>17000</td><td>μg/L</td><td>NSL</td><td>Aluminum</td></t<>	6300	19000	66000	85000	37000	3300	15000	25000	13000	17000	μg/L	NSL	Aluminum								
Barium1000µg/L21043041025097220410350140Berylium3µg/L2.3 J1.5 J1.6 J1.7 J<0.9 U	< 11 U	< 11 U	<11 U	< 11 U	< 11 U	<11 U	< 11 U	<11 U	< 11 U	<11 U	μg/L	3	Antimony								
Beryllum3µg/L2.3 J1.5 J1.6 J1.7 J< 0.9 U1.7 J5.74.5< 0.9 UCadmium5µg/L723.4 J3.1 J4.32.3 J281092.5 JCalciumNSLµg/L29000180001800093001100048000150001500024000Chronium, Total50µg/L45037042065024084016001400380CobaltNSLµg/L684544831226806525Coper200µg/L19016016024086200600470140Iron300µg/L67000540007100094000310009400028000022000069000Lead25µg/L364143338.0 J37806625Magnesium35000µg/L52003600570029003600100001200097005200	< 5 U	< 5 U	5.3 J	7.9 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	μg/L	25	Arsenic								
Cadmium5 $\mu g'L$ 72 3.4 J 3.1 J 4.3 2.3 J28109 2.5 JCalciumNSL $\mu g'L$ 29000180001800093001100048000150001500024000Chromiun, Total50 $\mu g'L$ 45037042065024084016001400380CobaltNSL $\mu g'L$ 684544831226806525Copper200 $\mu g'L$ 19016016024086200600470140Iron300 $\mu g'L$ 67000540007100094000310009400028000022000069000Lead25 $\mu g'L$ 364143338.0 J37806625Magnesium3500 $\mu g'L$ 52003600570029003600100001200097005200	73	140	350	410	220	97	250	410	430	210	μg/L	1000	Barium								
Cadmium5 $\mu g'L$ 72 3.4 J 3.1 J 4.3 2.3 J28109 2.5 JCalciumNSL $\mu g'L$ 29000180001800093001100048000150001500024000Chromiun, Total50 $\mu g'L$ 45037042065024084016001400380CobaltNSL $\mu g'L$ 684544831226806525Copper200 $\mu g'L$ 19016016024086200600470140Iron300 $\mu g'L$ 67000540007100094000310009400028000022000069000Lead25 $\mu g'L$ 364143338.0 J37806625Magnesium3500 $\mu g'L$ 52003600570029003600100001200097005200	< 0.9 U	< 0.9 U	4.5	5.7	1.7 J	< 0.9 U	1.7 J	1.6 J	1.5 J	2.3 J	μg/L	3	Beryllium								
Chromium, Total50µg/L45037042065024084016001400380CobaltNSLµg/L684544831226806525Copper200µg/L19016016024086200600470140Iron300µg/L67000540007100094000310009400028000022000069000Lead25µg/L364143338.0 J37806625Magnesium3500µg/L52003600570029003600100001200097005200	< 1.5 U	2.5 J	9	10	28	2.3 J	4.3	3.1 J	3.4 J	72	μg/L	5	Cadmium								
Cobalt NSL µg/L 68 45 44 83 12 26 80 65 25 Copper 200 µg/L 190 160 160 240 86 200 600 470 140 Iron 300 µg/L 67000 54000 71000 94000 31000 94000 280000 220000 69000 Lead 25 µg/L 36 41 43 33 8.0 J 37 80 66 25 Magnesium 3500 µg/L 5200 3600 5700 2900 3600 10000 12000 9700 5200	17000	24000	15000	15000	48000	11000	9300	18000	18000	29000	μg/L	NSL	Calcium								
Copper 200 µg/L 190 160 160 240 86 200 600 470 140 Iron 300 µg/L 67000 54000 71000 94000 31000 94000 280000 220000 69000 Lead 25 µg/L 36 41 43 33 8.0 J 37 80 66 25 Magnesium 3500 µg/L 5200 3600 5700 2900 3600 10000 12000 9700 5200	85	380	1400	1600	840	240	650	420	370	450	μg/L	50	Chromium, Total								
In No No No No State	9.3 J	25	65	80	26	12	83	44	45	68	μg/L	NSL	Cobalt								
Lead 25 µg/L 36 41 43 33 8.0 J 37 80 66 25 Magnesium 3500 µg/L 5200 3600 5700 2900 3600 10000 12000 9700 5200	31	140	470	600	200	86	240	160	160	190	μg/L	200	Copper								
Magnesium 3500 µg/L 5200 3600 5700 2900 3600 10000 12000 9700 5200	20000	69000	220000	280000	94000	31000	94000	71000	54000	67000	μg/L	300	Iron								
	7.7 J	25	66	80	37	8.0 J	33	43	41	36			Lead								
	3300	5200	9700	12000	10000	3600	2900	5700	3600	5200	μg/L	35000	Magnesium								
	800	3300	6400	7800	2200	1100	6400	19000	21000	2500	μg/L		Manganese								
	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U			Mercury								
Nickel 100 µg/L 120 130 160 140 53 130 300 250 81	23	81	250	300	130	53	140	160	130	120			Nickel								
Potassium NSL µg/L 5000 3200 4900 3700 2800 7500 9900 8600 5100	2800	5100	8600	9900	7500	2800	3700	4900	3200	5000			Potassium								
Selenium 10 µg/L < 8.5 U < 8.5	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U			Selenium								
Silver 50 $\mu g/L$ < 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U			Silver								
Sodium 2000 µg/L 36000 18000 19000 21000 35000 130000 11000 11000 18000	24000	18000	11000	11000	130000	35000	21000	19000	18000	36000			Sodium								
Thallium 0.5 µg/L < 16 U < 16 U <td>< 16 U</td> <td>< 16 U</td> <td>< 16 U</td> <td>< 16 U</td> <td></td> <td></td> <td>< 16 U</td> <td>< 16 U</td> <td>< 16 U</td> <td>< 16 U</td> <td></td> <td></td> <td>Thallium</td>	< 16 U	< 16 U	< 16 U	< 16 U			< 16 U	< 16 U	< 16 U	< 16 U			Thallium								
Vanadium NSL µg/L 39 15 46 23 8.0 J 60 140 110 35	13	35	110	140	60	8.0 J	23	46	15	39			Vanadium								
Zinc 2000 µg/L 70 99 130 130 51 150 300 250 70	21	70	250	300	150	51	130	130	99	70			Zinc								

Quality Standard (AWQS) Class GA (Standard/guidance values) µg/L = Microgram(s) per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

							1	oundwater Analyti	, , ,				
	Locati		ISB-D1	ISB-D1	ISB-D1	ISB-D1	ISB-D1	ISB-D2	ISB-D2	ISB-D2	ISB-D2	ISB-D2	ISB-D2
	Sample 1	Name	ISB-D1-GW-4-8	ISB-D1-GW-11-15	ISB-D1-GW-21-25	ISB-D1-GW-31-35	ISB-D1-GW-41-45	ISB-D2-GW-3.5-7.5	ISB-GW-FD-06-06052024	ISB-D2-GW-11-15	ISB-D2-GW-21-25	ISB-D2-GW-31-35	ISB-D2-GW-41-45
	Parent Sa	ample							ISB-D2-GW-3.5-7.5				
	Sample	e Date	6/5/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024	6/5/2024	6/5/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024
	NYSDEC												
Analyte	AWQS ¹	Unit											
						·	Diss	olved Metals (SW6010	D/SW7470A)			•	
Aluminum	NSL	µg/L	490	< 25 U	< 25 U	< 25 U	< 25 U	480	940	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	µg/L	19 J	<11 U	< 11 U	< 11 U	< 11 U	15 J	12 J	< 11 U	<11 U	< 11 U	< 11 U
Arsenic	25	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	µg/L	18 J	17 J	39 J	68	59	20 J	21 J	43 J	43 J	67	75
Beryllium	3	µg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	µg/L	< 1.5 U	5	5	2.2 J	2.8 J	< 1.5 U	< 1.5 U	49	34	31	24
Calcium	NSL	µg/L	18000	12000	15000	17000	14000	18000	17000	12000	15000	19000	16000
Chromium, Total	50	μg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt		μg/L	< 2.7 U	4.0 J	6.3 J	21	5.5 J	< 2.7 U	< 2.7 U	6.5 J	13	8.7 J	12
Copper	200	μg/L	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U	< 9.5 U
Iron	300	μg/L	4300	410	82	780	3600	3400	3200	1300	3500	7400	5900
Lead	25	μg/L	7.9 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	7.0 J	5.8 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	µg/L	2600	2000	2900	3700	5300	3400	3200	1900	3700	4200	6300
Manganese	300	µg/L	240	6600	7900	3900	2700	130	120	4900	3400	3000	3700
Mercury	0.7	µg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	µg/L	< 4.6 U	22	27	16	17	< 4.6 U	< 4.6 U	22	24	31	25
Potassium	NSL	μg/L	3600	1400 J	2500	2900	1900 J	3700	3800	2000	2500	3100	2100
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	μg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	10000	12000	31000	45000	26000	10000	10000	20000	24000	43000	22000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	μg/L	< 8 U	< 8 U	8.1 J	15	36	< 8 U	< 8 U	< 8 U	< 8 U	11	11
							T	otal Metals (SW6010D/	/SW7470A)				
Aluminum	NSL	µg/L	230000	26000	10000	9300	8100	140000	150000	59000	8900	10000	8600
Antimony	3	μg/L	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	μg/L	43	11	8.4 J	10	7.9 J	26	26	23	7.7 J	< 5 U	< 5 U
Barium	1000	μg/L	310	410	410	960	170	300	340	340	140	200	260
Beryllium	3	μg/L	7.7	2.6 J	< 0.9 U	1.7 J	1.0 J	5.1	5.6	2.7 J	< 0.9 U	1.1 J	< 0.9 U
Cadmium	5	μg/L	19	55	16	6.5	6.5	35	41	210	59	63	69
Calcium	NSL	μg/L	36000	14000	16000	17000	14000	33000	35000	13000	16000	21000	18000
Chromium, Total		μg/L	430	1000	460	420	500	570	630	610	360	510	680
Cobalt	NSL	μg/L	20	48	27	340	18	13	14	29	31	25	28
Copper	200	μg/L	140	1000	380	290	400	150	170	500	310	410	530
Iron	300	μg/L	100000	150000	61000	73000	64000	63000	72000	74000	47000	60000	80000
Lead		μg/L		66	16	13	14	70	73	26	11	15	15
Magnesium	35000	μg/L	12000	3200	3700	4300	5800	6000	6000	4300	4800	5200	7200
Manganese	300	μg/L	750	35000	30000	25000	4500	460	510	11000	5300	4600	5100
Mercury	0.7	μg/L	0.43	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.18 J	0.18 J	1.2	< 0.12 U	< 0.12 U	< 0.12 U
Nickel		μg/L	130	250	110	100	120	150	170	140	110	140	150
Potassium		μg/L	7800	3200	3700	4100	3200	9300	9700	4400	3800	4900	3300
Selenium	10	μg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	9500	12000	32000	46000	28000	12000	12000	19000	24000	46000	23000
Thallium	0.5	μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	120	39	25	51	21	91	99	53	18	20	14
Zinc		μg/L	240	580	340	420	1100	70	70	110	67	84	71
LINC	2000	μg/L	270	500	570	720	1100	10	10	110	07		/ 1

Quality Standard (AWQS) Class GA (Standard/guidance values) $\mu g/L = Microgram(s)$ per liter J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

	Locati	on ID	ISB-D3	ISB-D3	ISB-D3	ISB-D3	ISB-D3
	Sample	Name	ISB-D3-GW-3.5-7.5	ISB-D3-GW-11-15	ISB-D3-GW-21-25	ISB-D3-GW-31-35	ISB-D3-GW-41-4
	Parent Sa	ample					
	Sample	Date	6/5/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
	NYSDEC						
Analyte	AWQS ¹	Unit					
				Dissolved 1	Metals (SW6010D/SV	W7470A)	
Aluminum	NSL	μg/L	330	< 25 U	< 25 U	< 25 U	< 25 U
Antimony	3	µg/L	18 J	< 11 U	< 11 U	< 11 U	< 11 U
Arsenic	25	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Barium	1000	μg/L	30 J	27 J	28 J	47 J	41 J
Beryllium	3	μg/L	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U
Cadmium	5	µg/L	< 1.5 U	18	2.1 J	2.7 J	2.2 J
Calcium	NSL	µg/L	28000	18000	13000	17000	12000
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Cobalt	NSL	µg/L	< 2.7 U	8.7 J	5.0 J	10	6.5 J
Copper	200	µg/L	< 9.5 U	< 9.5 U	11	< 9.5 U	< 9.5 U
Iron	300	µg/L	3700	4200	2800	5600	7800
Lead	25	µg/L	8.1 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Magnesium	35000	μg/L	4100	2500	3400	3800	5100
Manganese	300	µg/L	170	2700	620	2300	1200
Mercury	0.7	μg/L	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	< 4.6 U	45	26	46	51
Potassium	NSL	μg/L	3700	2600	2800	3400	2700
Selenium	10	µg/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
Silver	50	µg/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	µg/L	51000	38000	33000	51000	28000
Thallium	0.5	µg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
Vanadium	NSL	μg/L	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Zinc	2000	µg/L	< 8 U	8.3 J	< 8 U	10	22
				Total M	etals (SW6010D/SW2	7470A)	
Aluminum	NSL	μg/L	100000	30000	9000	16000	12000
Antimony	3	μg/L	< 11 U	<11 U	<11 U	< 11 U	< 11 U
Arsenic	25	μg/L	17	29	13	14	14
Barium	1000	µg/L	350	330	110	190	220
Beryllium	3	µg/L	4.5	2.4 J	< 0.9 U	1.8 J	1.5 J
Cadmium	5	μg/L	32	43	2.9 J	6.6	8.8
Calcium	NSL	µg/L	44000	20000	15000	17000	13000
Chromium, Total	50	μg/L	700	570	300	550	830
Cobalt	NSL	μg/L	27	40	24	35	22
Copper	200	μg/L	170	1300	610	940	1700
Iron	300	μg/L	78000	90000	49000	78000	96000
Lead	25	μg/L	64	44	17	24	17
Magnesium	35000	μg/L	12000	6200	4700	5600	6200
Manganese	300	μg/L	640	6500	1800	4300	2100
Mercury	0.7	μg/L	3.2	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Nickel	100	μg/L	240	230	110	180	240
Potassium	NSL	µg/L	8500	5600	4200	5400	4500
Selenium	10	μg/L	< 8.5 U	< 8.5 U	14 J	< 8.5 U	< 8.5 U
Silver	50	μg/L	7.7 J	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
Sodium	20000	μg/L	47000	38000	37000	52000	30000
Thallium	0.5	μg/L μg/L	< 16 U	< 16 U	< 16 U	< 16 U	< 16 U
	NSL	μg/L μg/L	90	63	27	36	23
Vanadium							

Quality Standard (AWQS) Class GA (Standard/guidance values) $\mu g/L = Microgram(s)$ per liter J = Concentration is estimated NSL = No screening level available

U = Analyte not detected **Bold** and shaded values exceed the

Version: FINAL Table 3, Page 13 of 13 November 2024

Table 4. Groundwater Cadmium & Chromium Results

					lad	le 4. Groundwate	er Cadmium & C	Infomium Resul	ls								
	Locati	on ID	ISB-A1	ISB-A1	ISB-A1	ISB-A1	ISB-A2	ISB-A2	ISB-A2	ISB-A2	ISB-A3	ISB-A3					
	Sample 1	Name	ISB-A1-GW-11-15	ISB-A1-GW-21-25	ISB-A1-GW-31-35	ISB-A1-GW-41-45	ISB-A2-GW-11-15	ISB-A2-GW-21-25	ISB-A2-GW-31-35	ISB-A2-GW-41-45	ISB-A3-GW-11-15	ISB-A3-GW-21-25					
	Parent Sa	ample															
	Sample	Date	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024					
	С																
Analyte	AWQS ¹	Unit															
				Dissolved Metals (SW6010D/SW7470A)													
Cadmium	5	µg/L	1.9 J	< 1.5 U	< 1.5 U	< 1.5 U	2.1 J	< 1.5 U	< 1.5 U	< 1.5 U	14	9					
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U					
						-	Total Metals	(SW6010D/SW7470	DA)								
Cadmium	5	µg/L	5.8	< 1.5 U	1.8 J	1.5 J	5.6	2.2 J	4.6	3.9 J	46	29					
Chromium, Total	50	µg/L	380	170	470	190	230	240	900	660	520	360					

	Locati	on ID	ISB-A3	ISB-A3	ISB-A4	ISB-A4	ISB-A4	ISB-A4	ISB-A5	ISB-A5	ISB-A5	ISB-A5				
	Sample 1	Name	ISB-A3-GW-31-35	ISB-A3-GW-41-45	ISB-A4-GW-11-15	ISB-A4-GW-21-25	ISB-A4-GW-31-35	ISB-A4-GW-41-45	ISB-A5-GW-11-15	ISB-A5-GW-21-25	ISB-GW-FD-02-05152024	ISB-A5-GW-31-35				
	Parent Sa	ample									ISB-A5-GW-21-25					
	Sample	e Date	5/17/2024	5/17/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024				
	С															
Analyte	AWQS ¹	Unit														
				Dissolved Metals (SW6010D/SW7470A)												
Cadmium	5	µg/L	9.9	3.9 J	5	< 1.5 U	< 1.5 U	< 1.5 U	1.7 J	< 1.5 U	< 1.5 U	< 1.5 U				
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U				
				Total Metals (SW6010D/SW7470A)												
Cadmium	5	µg/L	49	6.8	12	2.8 J	4.3	3.1 J	7.6	2.2 J	< 1.5 U	2.1 J				
Chromium, Total	50	µg/L	1500	160	350	300	370	300	270	250	220	220				

	Locatio	n ID	ISB-A5	ISB-A6	ISB-A6	ISB-A6	ISB-A6	ISB-A7	ISB-A7	ISB-A7	ISB-A7	ISB-A8					
	Sample N	lame	ISB-A5-GW-41-45	ISB-A6-GW-11-15	ISB-A6-GW-21-25	ISB-A6-GW-31-35	ISB-A6-GW-41-45	ISB-A7-GW-11-15	ISB-A7-GW-21-25	ISB-A7-GW-31-35	ISB-A7-GW-41-45	ISB-A8-GW-11-15					
]	Parent Sa	mple															
	Sample	Date	5/15/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/22/2024					
	С																
Analyte	AWQS ¹	Unit															
				Dissolved Metals (SW6010D/SW7470A)													
Cadmium	5	µg/L	< 1.5 U	19	9.6	9	12	96	4.9	4.0 J	3.3 J	20					
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U					
			Total Metals (SW6010D/SW7470A)														
Cadmium	5	µg/L	13	130	51	45	53	570	55	23	16	180					
Chromium, Total	50	µg/L	1600	1100	560	380	430	1900	1600	470	330	670					

Notes:

(1) NYSDEC Ambient Water

Quality Standard (AWQS) Class

GA (Standard/guidance values)

(Technical and Operational

Guidance Series [TOGS] 1.1.1).

 $\mu g/L = Microgram(s)$ per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected

Bold and shaded values exceed the New York Class GA AWQS.

Version: FINAL Table 4, Page 1 of 4 November 2024

					Table	e 4. Groundwater Cad	lmium & Chrom	ium Results									
	Locati	on ID	ISB-A8	ISB-A8	ISB-A8	ISB-A9	ISB-A9	ISB-A9	ISB-A9	ISB-A10	ISB-A10	ISB-A10					
	Sample	Name	ISB-A8-GW-21-25	ISB-A8-GW-31-35	ISB-A8-GW-41-45	ISB-A9-GW-11-15	ISB-A9-GW-21-25	ISB-A9-GW-31-35	ISB-A9-GW-41-45	ISB-A10-GW-11-15	ISB-A10-GW-21-25	ISB-A10-GW-31-35					
	Parent Sa	ample															
	Sample	Date	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/23/2024	5/23/2024	5/23/2024					
Analyte	C AWQS ¹	Unit															
				Dissolved Metals (SW6010D/SW7470A)													
Cadmium	5	µg/L	1.8 J	1.7 J	< 1.5 U	3.2 J	2.3 J	1.9 J	1.9 J	< 1.5 U	< 1.5 U	< 1.5 U					
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U					
						,	Fotal Metals (SW60)	10D/SW7470A)			-						
Cadmium	5	µg/L	4.9	3.7 J	5.2	2500	42	20	15	10	2.6 J	11					
Chromium, Total	50	µg/L	420	290	420	540	460	360	260	900	450	390					

	Locati	on ID	ISB-A10	ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B2	ISB-B2	ISB-B2	ISB-B2				
	Sample I	Name	ISB-A10-GW-41-45	ISB-B1-GW-4-8	ISB-B1-GW-11-15	ISB-B1-GW-21-25	ISB-B1-GW-31-35	ISB-B1-GW-41-45	ISB-B2-GW-4-8	ISB-B2-GW-11-15	ISB-B2-GW-21-25	ISB-B2-GW-31-35				
	Parent Sa	ample														
	Sample	Date	5/23/2024	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024	6/5/2024	5/10/2024	5/10/2024	5/10/2024				
	С															
Analyte	AWQS ¹	Unit														
				Dissolved Metals (SW6010D/SW7470A)												
Cadmium	5	µg/L	< 1.5 U	2.0 J	38	23	8.5	5.1	< 1.5 U	2.7 J	< 1.5 U	1.5 J				
Chromium, Total	50	µg/L	< 5.3 U	510	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U				
			Total Metals (SW6010D/SW7470A)													
Cadmium	5	µg/L	< 1.5 U	2.2 J	93	51	13	9.4	2.7 J	13	3.8 J	4.8				
	50	µg/L	190	330	580	440	180	290	350	590	1200	760				

	Locati	on ID	ISB-B2	ISB-B3	ISB-B3	ISB-B3	ISB-B3	ISB-B3	ISB-B3	ISB-B4	ISB-B4	ISB-B4
	Sample 1	Name	ISB-B2-GW-41-45	ISB-B3-GW-3.5-7.5	ISB-B3-GW-11-15	SB-B3-GW-11-15 ISB-GW-FD-01-05092024		ISB-B3-GW-31-35	ISB-B3-GW-41-45	ISB-B4-GW-7-11	ISB-B4-GW-11-15	ISB-B4-GW-21-25
	Parent Sa	ample				ISB-B3-GW-11-15						
	Sample	Date	5/10/2024	6/5/2024	5/9/2024	5/9/2024	5/9/2024	5/9/2024	5/9/2024	6/4/2024	5/14/2024	5/14/2024
	С											
Analyte	AWQS ¹	Unit										
						Dis	solved Metals (SW6	010D/SW7470A)				
Cadmium	5	µg/L	< 1.5 U	< 1.5 U	6.1	6.2	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	13	39
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
						T	otal Metals (SW601	0D/SW7470A)				
Cadmium	5	µg/L	1.5 J	2.0 J	52	48	8.7	3.9 J	< 1.5 U	65	100	75
Chromium, Total	50	µg/L	120	1400	650	610	680	400	180	690	1300	630
NT (

(1) NYSDEC Ambient Water

Quality Standard (AWQS) Class

GA (Standard/guidance values)

(Technical and Operational

Guidance Series [TOGS] 1.1.1).

 $\mu g/L = Microgram(s)$ per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected

Bold and shaded values exceed the New York Class GA AWQS.

Table 4. Groundwater Cadmium & Chromium Results

					1 a.01	e 4. Groundwale		in onnum Kesut	5			
	Locati	on ID	ISB-B4	ISB-B4	ISB-B5	ISB-B5	ISB-B5	ISB-B5	ISB-B5	ISB-B6	ISB-B6	ISB-B6
	Sample	Name	ISB-B4-GW-31-35	ISB-B4-GW-41-45	ISB-B5-GW-7-11	ISB-B5-GW-11-15	ISB-B5-GW-21-25	ISB-B5-GW-31-35	ISB-B5-GW-41-45	ISB-B6-GW-11-15	ISB-B6-GW-21-25	ISB-B6-GW-31-35
	Parent S	ample										
	Sample	Date	5/14/2024	5/14/2024	6/4/2024	5/16/2024	5/16/2024	5/16/2024	5/16/2024	6/4/2024	6/4/2024	6/4/2024
	С											
Analyte	AWQS ¹	Unit										
				-			Dissolved Meta	ls (SW6010D/SW74	70A)			
Cadmium	5	µg/L	4.7	1.7 J	< 1.5 U	770	49	2.4 J	< 1.5 U	26	1.6 J	< 1.5 U
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
				-			Total Metals	(SW6010D/SW7470	A)			
Cadmium	5	μg/L	73	3.3 J	60	1900	140	24	1.9 J	390	8.5	3.4 J
Chromium, Total	50	µg/L	3900	190	480	770	740	1000	130	2400	580	400

	Locati	on ID	ISB-B6	ISB-B7	ISB-B7	ISB-B7	ISB-B7	ISB-B8	ISB-B8	ISB-B8	ISB-B8	ISB-B8	
	Sample 1	Name	ISB-B6-GW-41-45	SB-B6-GW-41-45 ISB-B7-GW-11-15 ISB-B7-GW-21-25 ISB-B7-GW-31-35 ISB-B7-GW-41-45 ISB-B8-GW-11-15 ISB-B8-GW-21-25 ISB-B8-GW-31-35 ISB-GW-FD-05-05242024 ISB-B8-GW-41									
	Parent Sa	ample									ISB-B8-GW-31-35		
	Sample	Date	6/4/2024	6/4/2024	6/4/2024	6/4/2024	6/4/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	
	С												
Analyte	AWQS ¹	Unit											
							Dissolved Meta	ls (SW6010D/SW74'	70A)				
Cadmium	5	µg/L	< 1.5 U	51	2.6 J	< 1.5 U	< 1.5 U	< 1.5 U	2.8 J	1.5 J	< 1.5 U	1.5 J	
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	6.9 J	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	
							Total Metals	(SW6010D/SW7470	A)				
Cadmium	5	µg/L	< 1.5 U	450	26	2.8 J	1.8 J	520	16	13	8.8	16	
Chromium, Total	50	µg/L	54	1500	950	360	140	1600	400	670	440	870	

	Locati	on ID	ISB-B9	ISB-B9	ISB-B9	ISB-B9	ISB-C1	ISB-C1	ISB-C1	ISB-C1	ISB-C2	ISB-C2
	Sample 1	Name	ISB-B9-GW-11-15	ISB-B9-GW-21-25	ISB-B9-GW-31-35	ISB-B9-GW-41-45	ISB-C1-GW-11-15	ISB-C1-GW-21-25	ISB-C1-GW-31-35	ISB-C1-GW-41-45	ISB-C2-GW-11-15	ISB-C2-GW-21-25
	Parent Sa	ample										
	Sample	Date	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024
	С											
Analyte	AWQS ¹	Unit										
						•	Dissolved Meta	ls (SW6010D/SW74'	70A)			-
Cadmium	5	µg/L	1.8 J	< 1.5 U	< 1.5 U	< 1.5 U	300	16	17	7.8	27	< 1.5 U
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U					
						•	Total Metals	(SW6010D/SW7470	A)			
Cadmium	5	µg/L	3.5 J	2.8 J	< 1.5 U	2.0 J	690	48	26	81	72	3.4 J
Chromium, Total	50	µg/L	1100	630	310	540	620	690	620	2700	450	370

Notes:

(1) NYSDEC Ambient Water

Quality Standard (AWQS) Class

GA (Standard/guidance values)

(Technical and Operational

Guidance Series [TOGS] 1.1.1).

 $\mu g/L = Microgram(s)$ per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected

Bold and shaded values exceed the New York Class GA AWQS.

Version: FINAL Table 4, Page 3 of 4 November 2024

Table 4. Groundwater Cadmium & Chromium Results

				Table 4. Orbandwater Caumum & Chronnam Results								
	Locati	on ID	ISB-C2	ISB-C2	ISB-C2	ISB-C3	ISB-C3	ISB-C3	ISB-C3	ISB-C3	ISB-D1	ISB-D1
	Sample	Name	ISB-GW-FD-03-05202024	ISB-C2-GW-31-35	ISB-C2-GW-41-45	ISB-C3-GW-11-15	ISB-C3-GW-21-25	ISB-GW-FD-04-05222024	ISB-C3-GW-31-35	ISB-C3-GW-41-45	ISB-D1-GW-4-8	ISB-D1-GW-11-15
	Parent Sa	ample	ISB-C2-GW-21-25					ISB-C3-GW-21-25				
	Sample	e Date	5/20/2024	5/20/2024	5/20/2024	5/23/2024	5/23/2024	5/22/2024	5/23/2024	5/23/2024	6/5/2024	5/8/2024
	С											
Analyte	AWQS ¹	Unit										
				•			Dissolved Metals (SW6	010D/SW7470A)				
Cadmium	5	µg/L	< 1.5 U	< 1.5 U	< 1.5 U	5.3	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	5
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U Total Metals (SW601		< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
Chromium, Total Cadmium	50 5	μg/L μg/L	< 5.3 U 3.1 J	< 5.3 U 4.3	< 5.3 U 2.3 J	< 5.3 U 28			< 5.3 U 2.5 J	< 5.3 U < 1.5 U	< 5.3 U 19	< 5.3 U 55
	5		3.1 J				Total Metals (SW601					

	Locati	on ID	ISB-D1	ISB-D1	ISB-D1	ISB-D2	ISB-D2	ISB-D2	ISB-D2	ISB-D2	ISB-D2	ISB-D3
	Sample I	Name	ISB-D1-GW-21-25	ISB-D1-GW-31-35	ISB-D1-GW-41-45	ISB-D2-GW-3.5-7.5	ISB-GW-FD-06-06052024	ISB-D2-GW-11-15	ISB-D2-GW-21-25	ISB-D2-GW-31-35	ISB-D2-GW-41-45	ISB-D3-GW-3.5-7.5
	Parent Sa	ample					ISB-D2-GW-3.5-7.5					
	Sample	Date	5/8/2024	5/8/2024	5/8/2024	6/5/2024	6/5/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024	6/5/2024
	С											
Analyte	AWQS ¹	Unit										
							Dissolved Metals (SW60)10D/SW7470A)				
Cadmium	5	µg/L	5	2.2 J	2.8 J	< 1.5 U	< 1.5 U	49	34	31	24	< 1.5 U
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
							Total Metals (SW601	0D/SW7470A)				
Cadmium	5	µg/L	16	6.5	6.5	35	41	210	59	63	69	32
Chromium, Total	50	µg/L	460	420	500	570	630	610	360	510	680	700

	Locati	on ID	ISB-D3	ISB-D3	ISB-D3	ISB-D3
	Sample I	Name	ISB-D3-GW-11-15	ISB-D3-GW-21-25	ISB-D3-GW-31-35	ISB-D3-GW-41-45
	Parent Sa	mple				
	Sample	Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024
Analyte	C AWQS ¹	Unit				
			Dis	solved Metals (SW6	010D/SW7470A)	
Cadmium	5	μg/L	18	2.1 J	2.7 J	2.2 J
Chromium, Total	50	µg/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
			T	otal Metals (SW601	0D/SW7470A)	
Cadmium	5	µg/L	43	2.9 J	6.6	8.8
Chromium, Total			570	300	550	830

Notes:

(1) NYSDEC Ambient Water

Quality Standard (AWQS) Class

GA (Standard/guidance values)

(Technical and Operational

Guidance Series [TOGS] 1.1.1).

 $\mu g/L = Microgram(s)$ per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected

Bold and shaded values exceed the New York Class GA AWQS.

	Locatio	on ID	ISB-A5	ISB-A5	ISB-B5
	Sample I	Name	ISB-A5-GW-21-25	ISB-GW-FD-02-05152024	ISB-B5-GW-31-35
	Parent Sa	mple		ISB-A5-GW-21-25	
	Sample	Date	5/15/2024	5/15/2024	5/16/2024
	NYSDEC				
Analyte	AWQS ¹	Unit			
Chloride (As Cl)	250000	μg/L	20000	20000	10000
Nitrogen, Nitrate (As N)	10000	μg/L	1800	1800	1100
Nitrogen, Nitrite	1000	μg/L	< 37.9 U	< 37.9 U	< 37.9 U
Sulfate (As SO4)	250000	μg/L	13000	13000	6700
Total Organic Carbon	NSL	μg/L	820 J	920 J	580 J

Table 5. Groundwater Natural Attenuation Parameter Results

Notes:

(1) NYSDEC Ambient Water Quality Standard (AWQS) Class GA (Standard/guidance

values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

 $\mu g/L = Microgram(s)$ per liter

J = Concentration is estimated

NSL = No screening level available

U = Analyte not detected

Bold and shaded values exceed the New York Class GA AWQS.

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				Table 6. Gr	oundwater Qual	ity Parameters				
Location ID	ISB-A1	ISB-A1	ISB-A1	ISB-A1	ISB-A2	ISB-A2	ISB-A2	ISB-A2	ISB-A3	ISB-A3
Sample Name	ISB-A1-GW-11-15	ISB-A1-GW-21-25	ISB-A1-GW-31-35	ISB-A1-GW-41-45	ISB-A2-GW-11-15	ISB-A2-GW-21-25	ISB-A2-GW-31-35	ISB-A2-GW-41-45	ISB-A3-GW-11-15	ISB-A3-GW-21-25
Sample Date	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024	5/17/2024
Temperature (°C)	19.33	19.05	19.47	21.40	19.62	20.94	20.36	20.30	16.13	16.15
pH (S.U.)	6.56	5.99	6.19	6.61	6.39	6.23	6.45	6.59	6.58	5.66
Specific Conductivity (mS/cm)	0.638	0.210	0.228	0.328	0.200	0.239	0.286	0.374	0.184	0.329
Oxidation Reduction Potential (mV)	-42	45	14	-28	14	34	-43	-68	-11	72
Turbidity (NTU)	>1,000	>1,000	>1,000	435	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	0.69	1.90	3.10	1.85	7.82	2.43	0.43	1.68	1.49	2.96
Location ID	ISB-A3	ISB-A3	ISB-A4	ISB-A4	ISB-A4	ISB-A4	ISB-A5	ISB-A5	ISB-A5	ISB-A5
Sample Name	ISB-A3-GW-31-35	ISB-A3-GW-41-45	ISB-A4-GW-11-15	ISB-A4-GW-21-25	ISB-A4-GW-31-35	ISB-A4-GW-41-45	ISB-A5-GW-11-15	ISB-A5-GW-21-25	ISB-A5-GW-31-35	ISB-A5-GW-41-45
Sample Date	5/17/2024	5/17/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024	5/15/2024
Temperature (°C)	16.15	15.41	16.36	16.32	16.46	16.48	16.92	17.94	18.25	18.25
pH (S.U.)	5.66	5.04	6.29	6.18	5.92	5.12	6.59	6.42	6.57	6.57
Specific										

Conductivity (mS/cm)	0.329	0.522	0.274	0.261	0.232	0.401	0.174	0.163
Oxidation Reduction Potential (mV)	72	157	16	27	49	128	52	29
Turbidity (NTU)	>1,000	963	984	129	>1,000	>1,000	>1,000	614
Dissolved Oxygen (mg/L)	2.96	3.23	2.72	1.43	2.89	1.68	4.51	1.31

Location ID	ISB-A6	ISB-A6	ISB-A6	ISB-A6	ISB-A7	ISB-A7	ISB-A7	ISB-A7	ISB-A8	ISB-A8
Sample Name	ISB-A6-GW-11-15	ISB-A6-GW-21-25	ISB-A6-GW-31-35	ISB-A6-GW-41-45	ISB-A7-GW-11-15	ISB-A7-GW-21-25	ISB-A7-GW-31-35	ISB-A7-GW-41-45	ISB-A8-GW-11-15	ISB-A8-GW-21-25
Sample Date	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/22/2024	5/22/2024
Temperature (°C)	19.12	18.83	18.87	19.76	17.70	17.96	18.35	18.48	18.24	18.18
pН	6.55	6.28	6.18	5.66	6.76	6.60	6.53	6.62	6.40	6.34
Specific Conductivity (mS/cm)	0.254	0.228	0.164	0.354	0.231	0.382	0.182	0.179	0.783	0.179
Oxidation Reduction Potential (mV)	-47	-1	26	109	-54	-57	-17	-8	-57	-6
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	2.17	1.54	2.79	2.27	0.24	0.40	3.63	4.80	1.01	3.38

mS/cm = milliSiemens per centimeter NTU = Nephelometric Turbidity unit

mg/L = milligrams per Liter

mV = milivolts

Version: FINAL Table 6, Page 1 of 4 November 2024

	ISB-A5	ISB-A5
25	ISB-A5-GW-31-35	ISB-A5-GW-41-45
	5/15/2024	5/15/2024
	18.25	18.25
	6.57	6.57
	0.249	0.249
	2	2
	>1,000	>1,000
	1.89	1.89

				Table 6. Gro	oundwater Quali	ty Parameters				
Location ID	ISB-A8	ISB-A8	ISB-A9	ISB-A9	ISB-A9	ISB-A9	ISB-A10	ISB-A10	ISB-A10	ISB-A10
Sample Name	ISB-A8-GW-31-35	ISB-A8-GW-41-45	ISB-A9-GW-11-15	ISB-A9-GW-21-25	ISB-A9-GW-31-35	ISB-A9-GW-41-45	ISB-A10-GW-11-15	ISB-A10-GW-21-25	ISB-A10-GW-31-35	ISB-A10-GW-41-45
Sample Date	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/22/2024	5/23/2024	5/23/2024	5/23/2024	5/23/2024
Temperature (°C)	18.81	19.00	19.09	19.34	20.87	21.99	18.32	18.47	19.25	20.49
pH (S.U.)	6.21	5.82	6.24	6.31	6.54	6.84	6.43	6.13	6.22	6.46
Specific Conductivity (mS/cm)	0.204	0.318	0.264	0.253	0.268	0.329	0.132	0.266	0.241	0.270
Oxidation Reduction Potential (mV)	26	49	-29	14	-14	-34	-54	11	59	49
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	643	>1,000	>1,000	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	1.67	4.00	0.3	1.26	3.08	2.64	1.67	0.78	3.31	2.74

Location ID	ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B1	ISB-B2	ISB-B2	ISB-B2	ISB-B2	ISB-B2
Sample Name	ISB-B1-GW-4-8	ISB-B1-GW-11-15	ISB-B1-GW-21-25	ISB-B1-GW-31-35	ISB-B1-GW-41-45	ISB-B2-GW-4-8	ISB-B2-GW-11-15	ISB-B2-GW-21-25	ISB-B2-GW-31-35	ISB-B2-GW-41-45
Sample Date	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024	6/5/2024	5/10/2024	5/10/2024	5/10/2024	5/10/2024
Temperature (°C)	19.93	15.69	15.32	15.30	14.87	18.72	12.66	13.37	13.86	13.31
pH (S.U.)	6.44	6.77	6.66	6.45	6.27	6.85	6.79	6.60	6.23	5.32
Specific Conductivity (mS/cm)	0.441	0.249	0.264	0.396	0.512	0.401	0.494	0.281	0.370	0.474
Oxidation Reduction Potential (mV)	64	-34	5	32	61	-40	-45	-29	11	175
Turbidity (NTU)	>1,000	>1,000	>1,000	973	401	>1,000	>1,000	>1,000	>1,000	673
Dissolved Oxygen (mg/L)	3.93	1.95	3.88	3.72	5.67	1.58	2.07	1.30	0.88	2.04

Location ID	ISB-B3	ISB-B3	ISB-B3	ISB-B3	ISB-B3	ISB-B4	ISB-B4	ISB-B4	ISB-B4	ISB-B4
Sample Name	ISB-B3-GW-3.5-7.5	ISB-B3-GW-11-15	ISB-B3-GW-21-25	ISB-B3-GW-31-35	ISB-B3-GW-41-45	ISB-B4-GW-7-11	ISB-B4-GW-11-15	ISB-B4-GW-21-25	ISB-B4-GW-31-35	ISB-B4-GW-41-45
Sample Date	6/5/2024	5/9/2024	5/9/2024	5/9/2024	5/9/2024	6/4/2024	5/14/2024	5/14/2024	5/14/2024	5/14/2024
Temperature (°C)	19.39	20.14	19.98	19.54	20.58	21.14	19.20	18.76	18.04	19.59
рН	6.46	6.26	6.15	5.77	5.13	7.07	6.60	6.34	5.72	5.03
Specific Conductivity (mS/cm)	0.589	0.253	0.192	0.253	0.433	0.569	0.540	0.238	0.154	0.340
Oxidation Reduction Potential (mV)	-2	-27	-32	51	172	-36	-61	-6	28	194
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	556	>1,000	>1,000	>1,000	>1,000	555
Dissolved Oxygen (mg/L)	0.01	0.73	0.72	1.87	3.14	2.29	0.46	1.93	2.06	4.26

mS/cm = milliSiemens per centimeter

NTU = Nephelometric Turbidity unit

mg/L = milligrams per Liter

mV = milivolts

Version: FINAL Table 6, Page 2 of 4 November 2024

				Table 6. Grou	ndwater Quality	Parameters				
Location ID	ISB-B5	ISB-B5	ISB-B5	ISB-B5	ISB-B5	ISB-B6	ISB-B6	ISB-B6	ISB-B6	ISB-B7
Sample Name	ISB-B5-GW-11-15	ISB-B5-GW-21-25	ISB-B5-GW-31-35	ISB-B5-GW-41-45	ISB-B5-GW-7-11	ISB-B6-GW-11-15	ISB-B6-GW-21-25	ISB-B6-GW-31-35	ISB-B6-GW-41-45	ISB-B7-GW-11-15
Sample Date	6/4/2024	5/16/2024	5/16/2024	5/16/2024	5/16/2024	6/4/2024	6/4/2024	6/4/2024	6/4/2024	6/4/2024
Temperature (°C)	15.31	15.53	15.65	15.76	22.03	18.45	19.42	19.75	20.32	19.67
pH (S.U.)	6.57	6.51	6.60	6.43	6.81	7.66	7.25	7.27	6.20	7.17
Specific Conductivity (mS/cm)	0.344	0.147	0.148	0.209	0.900	0.324	0.218	0.134	0.265	0.585
Oxidation Reduction Potential (mV)	5	18	-50	65	20	-129	-26	-40	181	-54
Turbidity (NTU)	>1,000	>1,000	834	513	>1,000	>1,000	>1,000	>1,000	424	>1,000
Dissolved Oxygen (mg/L)	3.98	1.79	0.00	5.06	7.51	8.18	8.05	8.10	7.49	0.83

Location ID	ISB-B7	ISB-B7	ISB-B7	ISB-B8	ISB-B8	ISB-B8	ISB-B8	ISB-B9	ISB-B9	ISB-B9
Sample Name	ISB-B7-GW-21-25	ISB-B7-GW-31-35	ISB-B7-GW-41-45	ISB-B8-GW-11-15	ISB-B8-GW-21-25	ISB-B8-GW-31-35	ISB-B8-GW-41-45	ISB-B9-GW-11-15	ISB-B9-GW-21-25	ISB-B9-GW-31-35
Sample Date	6/4/2024	6/4/2024	6/4/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024	5/24/2024
Temperature (°C)	19.52	19.91	20.13	20.45	20.71	20.96	21.40	16.64	17.13	17.9
pH (S.U.)	7.27	7.12	6.88	6.55	6.37	6.42	6.36	6.36	5.97	6.04
Specific Conductivity (mS/cm)	0.244	0.222	0.254	0.407	0.272	0.277	0.357	1.31	0.210	0.233
Oxidation Reduction Potential (mV)	-45	11	78	-84	-24	-52	-28	-75	-13	-4
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	>1,000	976	>1,000	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	1.19	2.58	3.22	0.30	0.66	0.44	0.86	0.22	0.51	1.23

Location ID	ISB-B9	ISB-C1	ISB-C1	ISB-C1	ISB-C1	ISB-C2	ISB-C2	ISB-C2	ISB-C2	ISB-C3
Sample Name	ISB-B9-GW-41-45	ISB-C1-GW-11-15	ISB-C1-GW-21-25	ISB-C1-GW-31-35	ISB-C1-GW-41-45	ISB-C2-GW-11-15	ISB-C2-GW-21-25	ISB-C2-GW-31-35	ISB-C2-GW-41-45	ISB-C3-GW-11-15
Sample Date	5/24/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/23/2024
Temperature (°C)	19.05	19.69	20.14	19.31	20.99	17.66	17.65	17.69	17.60	19.13
рН	5.97	6.69	6.81	6.54	6.63	6.54	6.49	6.47	5.56	6.38
Specific Conductivity (mS/cm)	0.351	0.815	0.414	0.886	0.579	0.404	0.257	0.218	0.384	0.897
Oxidation Reduction Potential (mV)	-25	-48	-33	-21	-82	-39	3	-46	111	-47
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	827	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	0.37	3.69	2.77	3.64	0.17	0.73	0.90	1.88	1.73	1.54

mS/cm = milliSiemens per centimeter

NTU = Nephelometric Turbidity unit

mg/L = milligrams per Liter

mV = milivolts

Version: FINAL Table 6, Page 3 of 4 November 2024

				Table 6. Grou	Indwater Quality	Parameters				
Location ID	ISB-C3	ISB-C3	ISB-C3	ISB-D1	ISB-D1	ISB-D1	ISB-D1	ISB-D1	ISB-D2	ISB-D2
Sample Name	ISB-C3-GW-21-25	ISB-C3-GW-31-35	ISB-C3-GW-41-45	ISB-D1-GW-4-8	ISB-D1-GW-11-15	ISB-D1-GW-21-25	ISB-D1-GW-31-35	ISB-D1-GW-41-45	ISB-D2-GW-3.5-7.5	ISB-D2-GW-11-15
Sample Date	5/23/2024	5/23/2024	5/23/2024	6/5/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024	6/5/2024	5/8/2024
Temperature (°C)	17.58	18.02	18.39	19.30	17.25	17.26	17.14	17.50	19.69	16.34
pH (S.U.)	6.29	5.92	5.32	6.67	6.68	6.35	6.17	6.36	6.50	6.70
Specific Conductivity (mS/cm)	0.140	0.256	0.313	0.185	0.179	0.303	0.379	0.289	0.195	0.206
Oxidation Reduction Potential (mV)	-60	21	152	-1	-88	42	65	-3	-50	-45
Turbidity (NTU)	>1,000	>1,000	583	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000	>1,000
Dissolved Oxygen (mg/L)	0.55	2.39	4.86	0.52	1.65	2.64	10.98	8.81	0	2.62

Location ID	ISB-D2	ISB-D2	ISB-D2	ISB-D3	ISB-D3	ISB-D3	ISB-D3	ISB-D3
Sample Name	ISB-D2-GW-21-25	ISB-D2-GW-31-35	ISB-D2-GW-41-45	ISB-D3-GW-3.5-7.5	ISB-D3-GW-11-15	ISB-D3-GW-21-25	ISB-D3-GW-31-35	ISB-D3-GW-41-45
Sample Date	5/8/2024	5/8/2024	5/8/2024	6/5/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
Temperature (°C)	16.40	15.94	15.94	20.09	22.80	20.11	19.43	18.36
pH (S.U.)	6.34	5.63	5.63	6.79	6.59	6.34	6.21	6.12
Specific Conductivity (mS/cm)	0.276	0.408	0.468	0.495	0.323	0.295	0.417	0.368
Oxidation Reduction Potential (mV)	13	-97	-97	-29	-1	59	58	-5
Turbidity (NTU)	>1,000	>1,000	>1,000	>1,000	>1,000	624	>1,000	>1,000
Dissolved Oxygen (mg/L)	2.14	0.16	0.16	0.45	0.89	-	2.08	0.83

mS/cm = milliSiemens per centimeter

NTU = Nephelometric Turbidity unit

mg/L = milligrams per Liter

mV = milivolts

Version: FINAL Table 6, Page 4 of 4 November 2024

						Table 7.	Soli Analytical R	esuits (metals)					
	Loc	ation ID	ISB-A5	ISB-A5	ISB-B5	ISB-B5	ISB-D3	ISB-D3	MW-13A	MW-13A	MW-9	MW-9	MW-9
	Samp	le Name	ISO-A5-SO-8-10	ISB-A5-SO-19-20	ISB-B5-SO-7-8	ISB-B5-SO-17-18	ISB-D3-SO-0-3.5	ISB-D3-SO-14-15	MW-13A-SO-0-5	MW-13A-SO-14-15	MW-9-SO-5-10	ISB-SO-FD-01-05062024	MW-9-SO-19-20
	Parente	Sample										MW-9-SO-5-10	
	Sam	ple Date	5/15/2024	5/15/2024	5/14/2024	5/14/2024	5/7/2024	5/7/2024	5/15/2024	5/15/2024	5/6/2024	5/15/2024	5/6/2024
Analyte	Commercial	Unit											
Metals (SW6010D)	SCO ¹												
Aluminum	NSL	mg/kg	880	570	1800	560	3600	440	3600	480	5400	550	500
Antimony	NSL	mg/kg	< 0.52 U	< 0.53 U	< 0.51 U	< 0.56 U	< 0.52 U	< 0.54 U	< 0.47 U	< 0.52 U	< 0.5 U	< 0.52 U	< 0.52 U
Arsenic	16	mg/kg	< 0.55 U	< 0.56 U	< 0.53 U	< 0.59 U	1.4 J	< 0.57 U	1.8 J	< 0.55 U	1.4 J	< 0.55 U	< 0.55 U
Barium	410	mg/kg	3.1	2.4	4	2.3	10	2.4	34	1.2 J	16	1.6 J	1.6 J
Beryllium	670	mg/kg	0.082 J	0.075 J	0.089 J	0.065 J	0.10 J	< 0.062 U	0.13 J	< 0.059 U	0.15 J	< 0.059 U	< 0.06 U
Cadmium	3.7	mg/kg	0.24 J	< 0.19 U	< 0.18 U	3	2.3	0.27 J	< 0.17 U	6.4	2.2	< 0.19 U	< 0.19 U
Calcium	NSL	mg/kg	37	22	870	36	600	30	5100	22	1400	18 J	26
Chromium, Total	1,700	mg/kg	2.5	1.9	2.6	3.5	6.2	1.9	6.1	2.2	6.7	1.4	1.6
Cobalt	NSL	mg/kg	0.71 J	0.71 J	3.6	0.41 J	1.1 J	0.41 J	39	< 0.33 U	2.4	< 0.33 U	< 0.33 U
Copper	280	mg/kg	< 1.3 U	< 1.4 U	1.5 J	< 1.5 U	2.9	< 1.4 U	5.1	< 1.4 U	8.7	1.5 J	< 1.4 U
Iron	NSL	mg/kg	1800	1900	590	1600	3700	950	4900	1300	5700	1200	1100
Lead	1,000	mg/kg	1.5	1.7	3.2	1.2	7.2	1.5	5.9	0.71	13	0.84	0.76
Magnesium	NSL	mg/kg	130	110	97	79	350	71	1500	63	780	80	72
Manganese	10,000	mg/kg	51	66	17	20	34	13	53	13	86	39	16
Mercury	1.1	mg/kg	< 0.013 U	< 0.012 U	0.033	< 0.014 U	0.022 J	< 0.014 U	0.013 J	< 0.013 U	0.03	< 0.012 U	< 0.013 U
Nickel	320	mg/kg	0.97	1	1.3	0.96	2.2	0.80 J	3.1	< 0.54 U	4.2	< 0.54 U	0.56 J
Potassium	NSL	mg/kg	78 J	58 J	84 J	60 J	110 J	54 J	200	< 48 U	220	58 J	56 J
Selenium	1,700	mg/kg	< 0.97 U	< 0.98 U	< 0.94 U	< 1 U	< 0.97 U	< 1 U	< 0.87 U	< 0.96 U	< 0.92 U	< 0.97 U	< 0.97 U
Silver	1,700	mg/kg	< 0.24 U	< 0.24 U	< 0.23 U	< 0.26 U	< 0.24 U	< 0.25 U	0.62	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Sodium	NSL	mg/kg	< 58 U	< 59 U	< 56 U	< 63 U	< 58 U	< 60 U	78 J	< 58 U	< 55 U	< 58 U	< 58 U
Thallium	NSL	mg/kg	< 0.62 U	< 0.63 U	< 0.61 U	< 0.67 U	< 0.62 U	< 0.65 U	< 0.56 U	< 0.62 U	< 0.59 U	< 0.62 U	< 0.62 U
Vanadium	NSL	mg/kg	2.7	2.5	1.6	2.5	7	1.5	10	1.8	9.9	1.6	1.7
Zinc	100,000	mg/kg	4.1	2.4	2.6	2.3	12	2.3	17	1.3	47	1.6	1.4
Percent Solids (SM254	40G)												
Solids, Percent		%	84.7	80.1	86.7	78.4	85	79.2	92	80.9	87.9	81.3	81.2
TOC (SM5310B)													
Total Organic Carbon		mg/kg	140	140	16000	160	5300	140	4900	210	2000	140	230

 Table 7. Soil Analytical Results (Metals)

Notes:

¹NYSDEC Part 375, Commercial Soil

mg/kg = miligram(s) per kilogram

J = Concentration is estimated

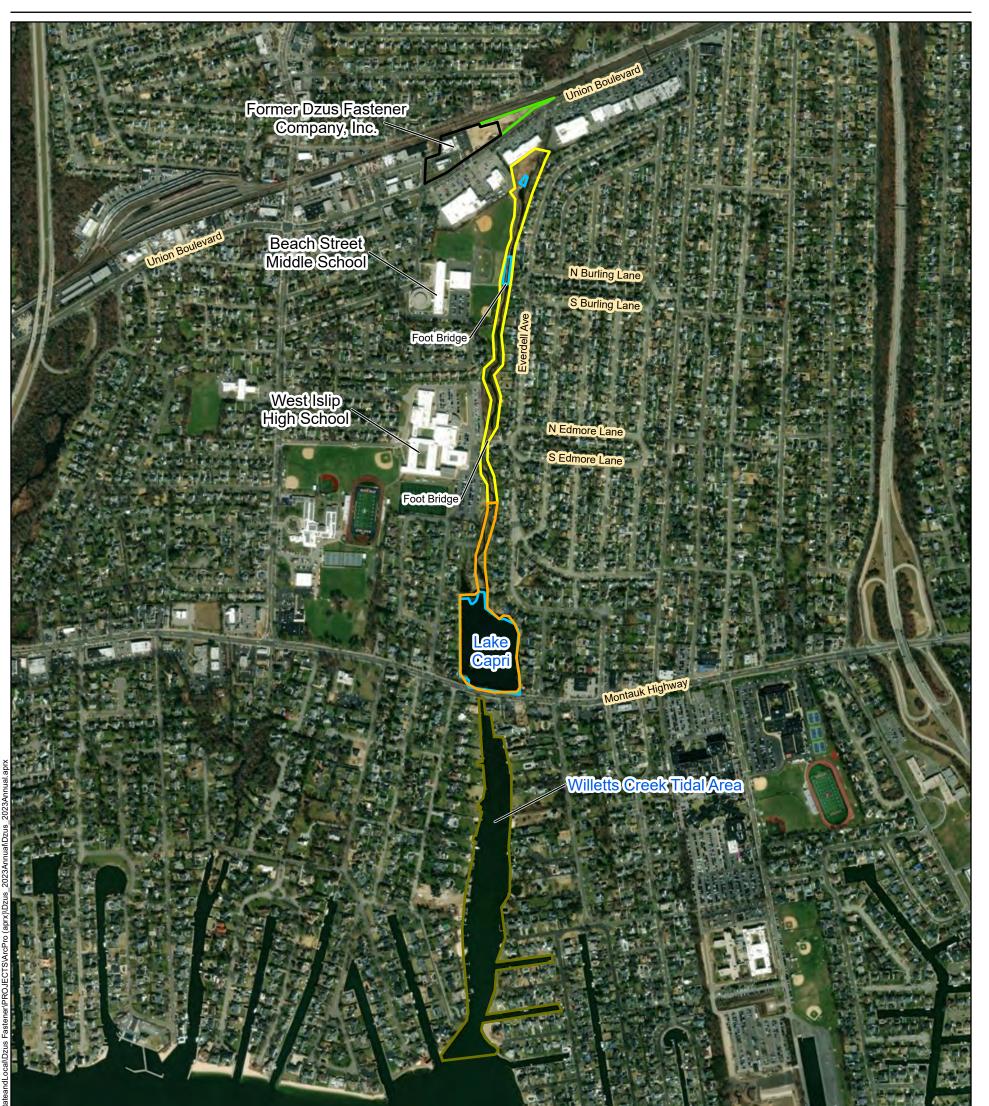
U = Analyte not detected

TOC = Total Organic Carbon

Version: FINAL Table 7, Page 1 of 1 November 2024 This page intentionally left blank

Figures

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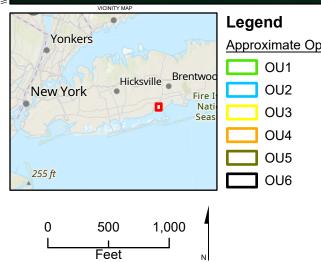




Figure 1 Operable Units/ General Site Layout

Dzus Fastener Company, Inc. West Islip, New York

Map Date: 7/17/2024 Projection: NAD 83 State Plane New York Long Island 3104 (US Feet) Source: Esri



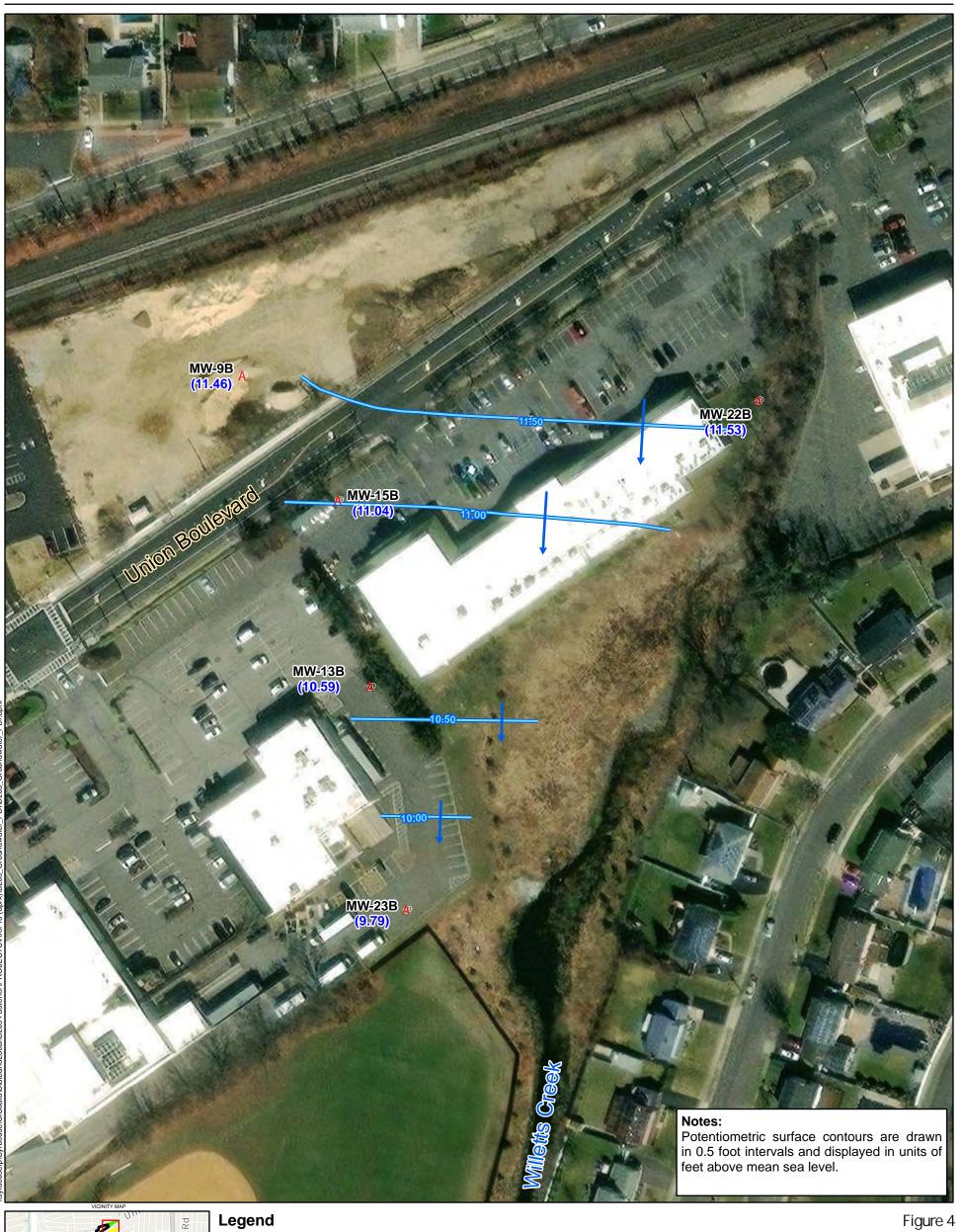


well samples were collected from 17 June 2024 through 18 June 2024.

Groundwater PDI West Islip, NewYork







Deep Potentiometric Surface Contours

Department of Environmental Conservation

NEW YORK STATE June 2024 Dzus Fastener Company, Inc. West Islip, NewYork

Map Date: 8/6/2024 Projection: NAD 83 State Plane New York Long Island 3104 (US Feet) Source: Esri

Oak Neck Rd

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PatDr

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Sequatogue Neck

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Feet

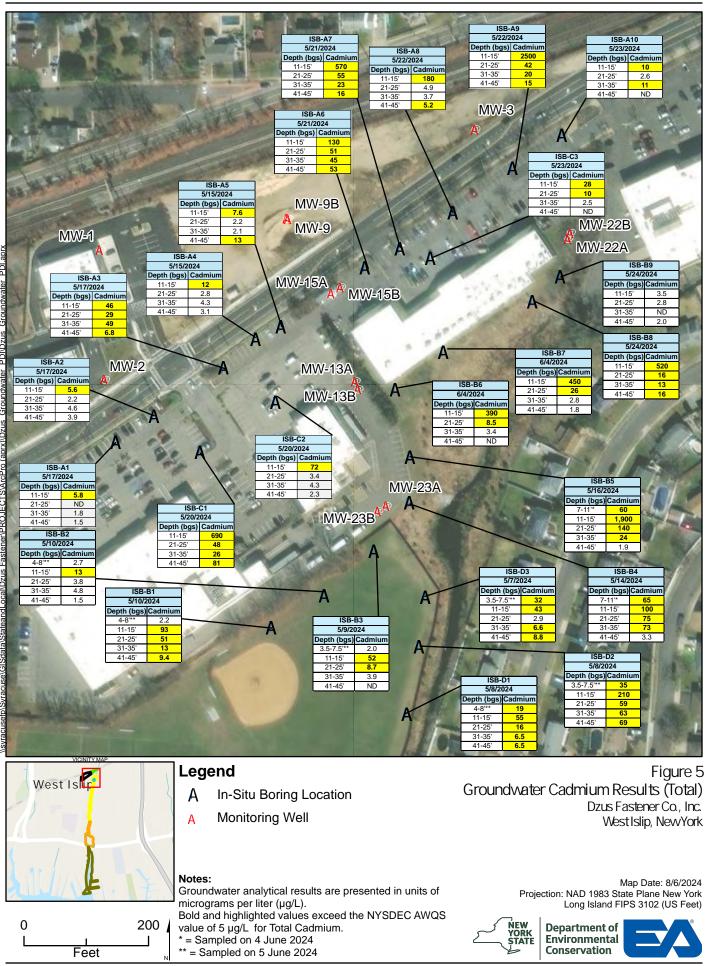
Groundwater Potinometric Contours

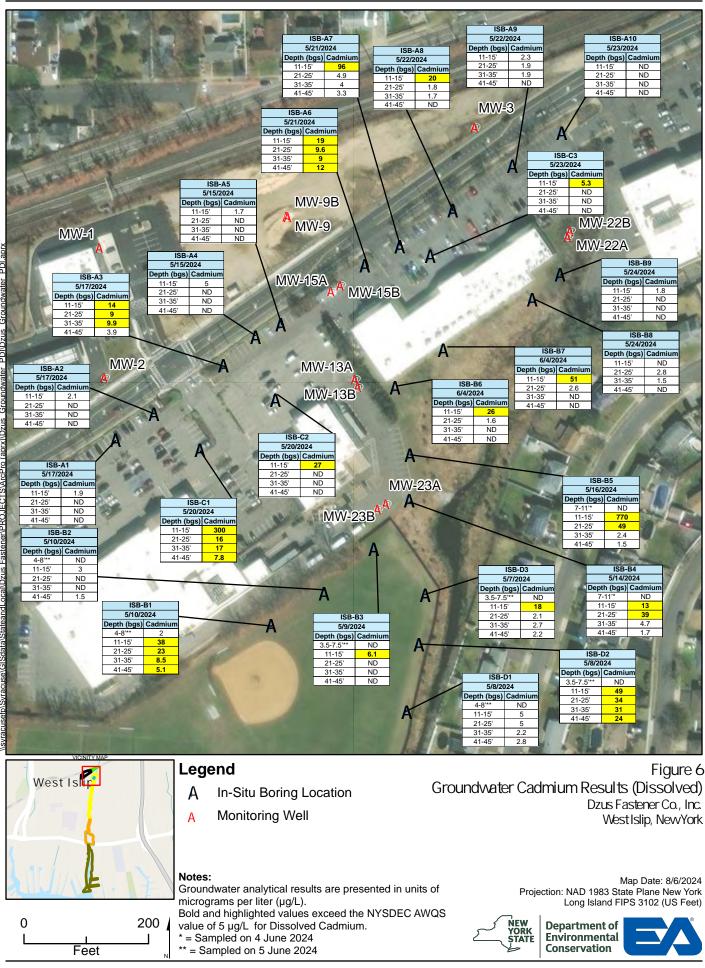
Groundwater Flow Direction

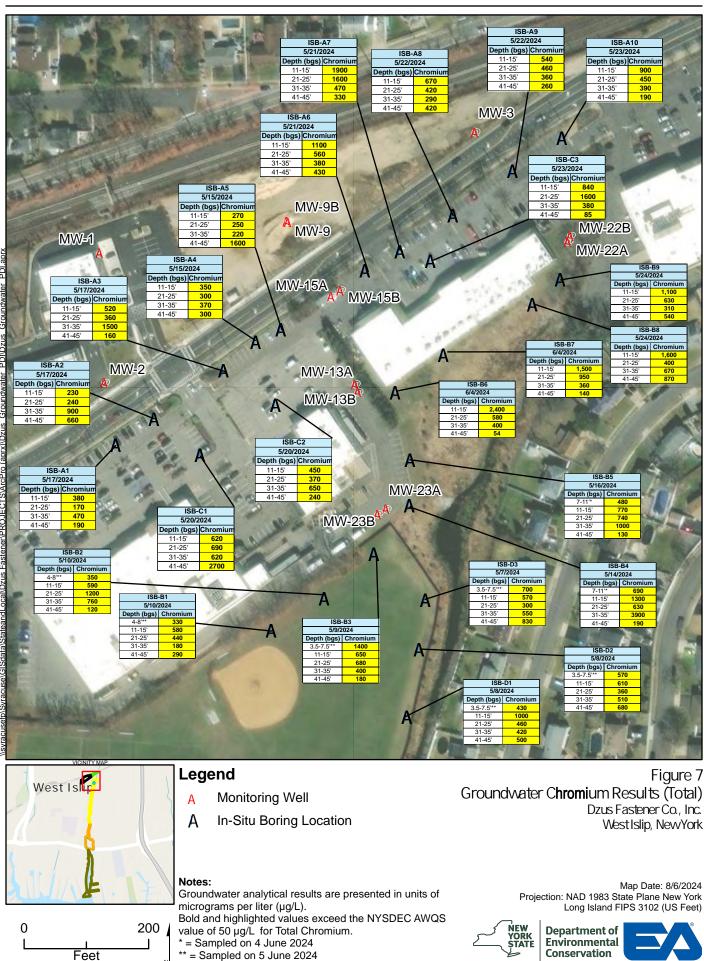
Monitoring Well

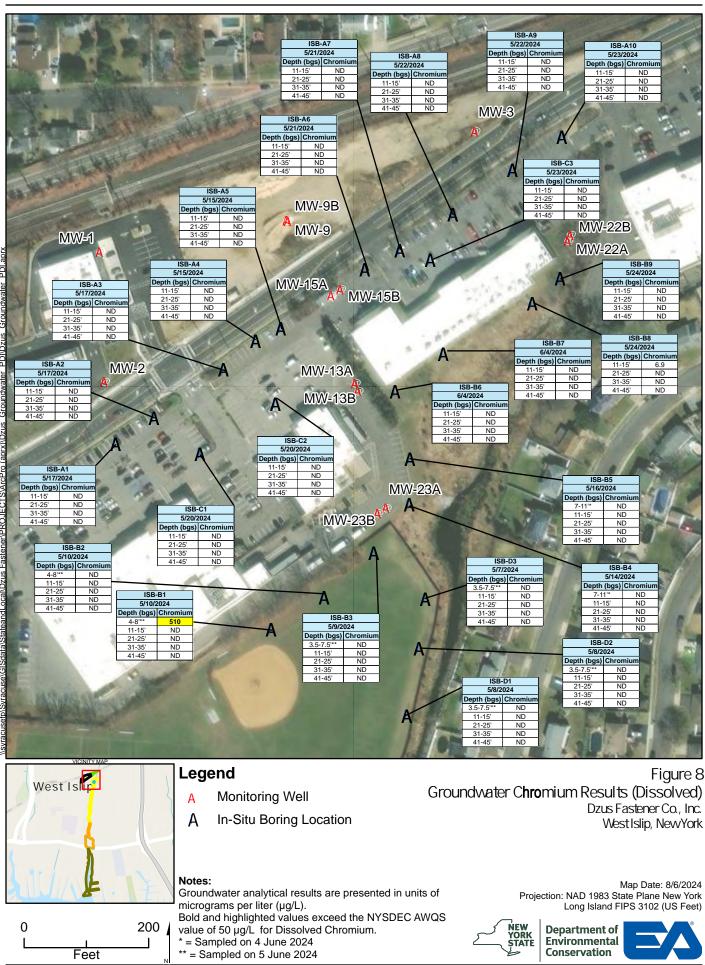
West Islip

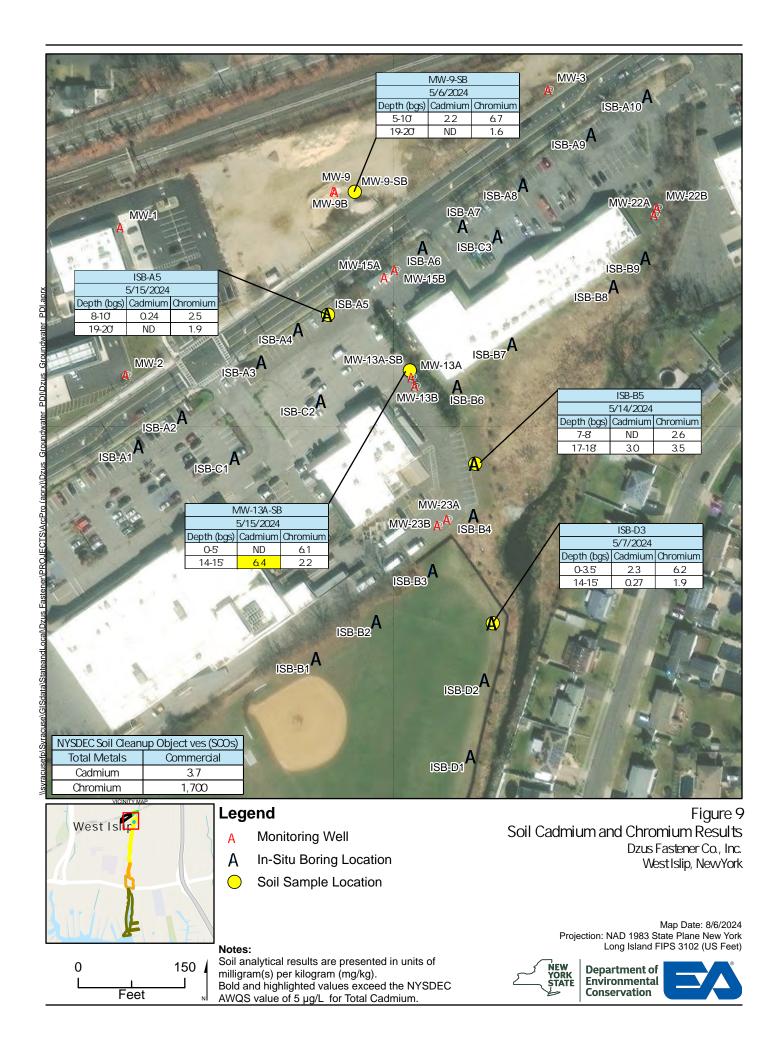
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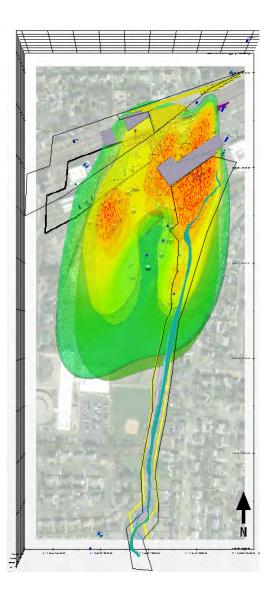








Total Cadmium



Dissolved Cadmium

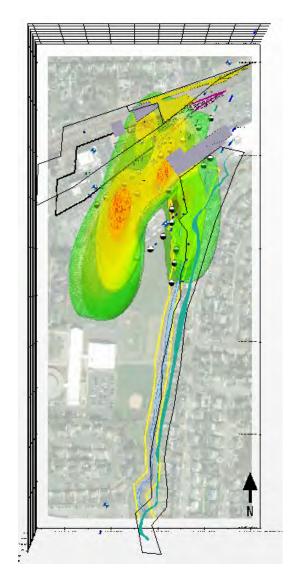
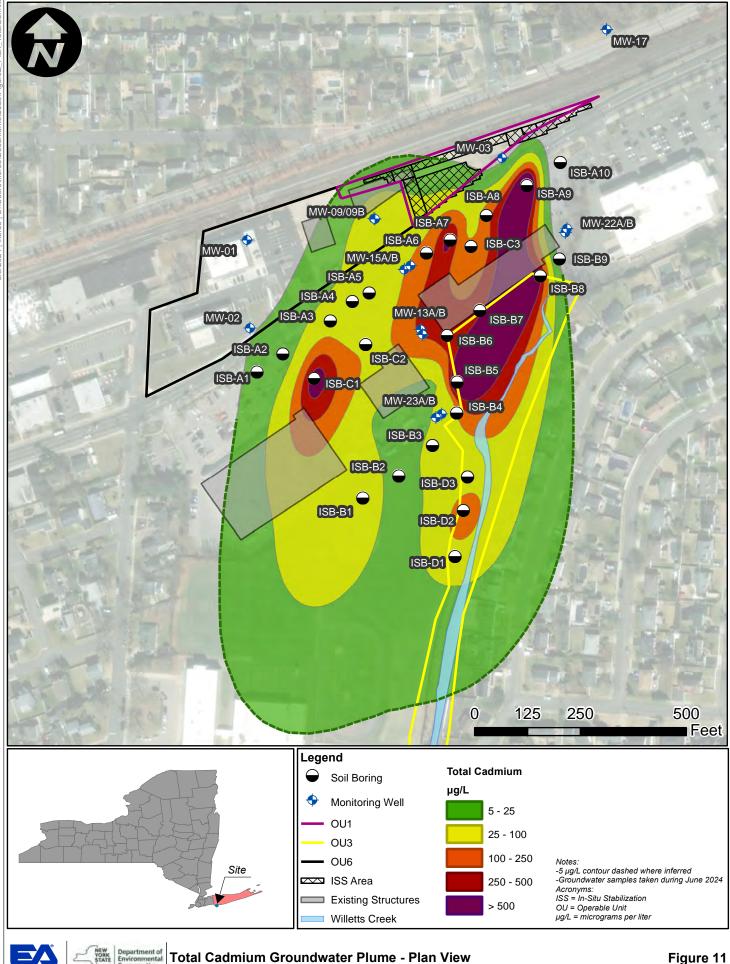


Figure 10. Snapshot of Three-Dimensional Cadmium Plumes Former Dzus Fastener Company, Inc. Groundwater Pre-Design Investigation Report





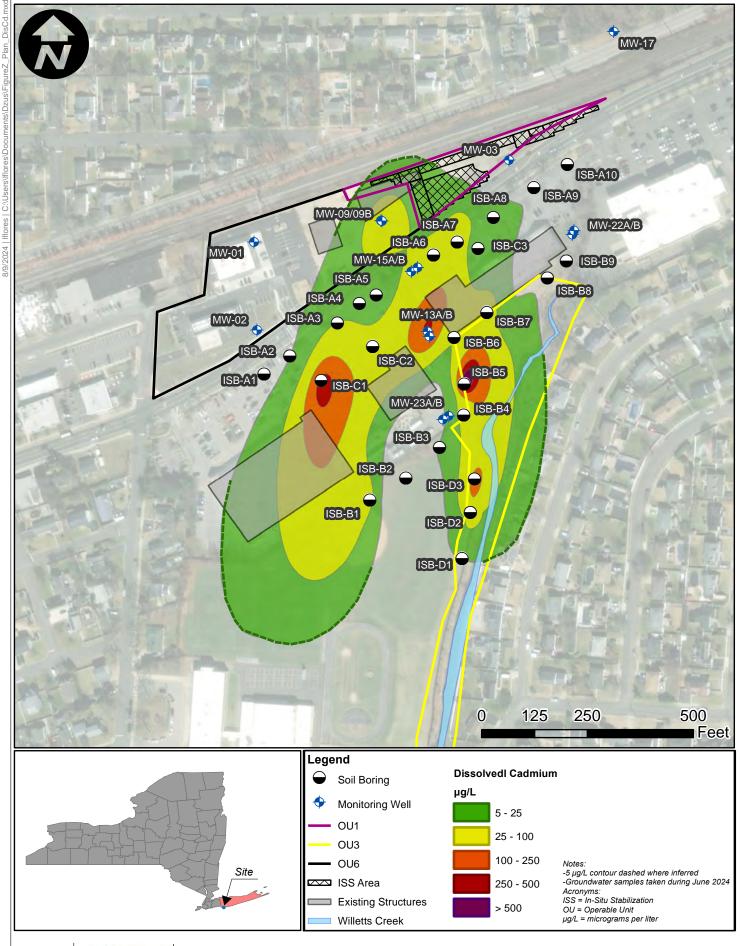
Department of Environmental Conservation YORK STATE Total Cadmium Groundwater Plume - Plan View

C-/LIs

Iflores

3/9/2024

Figure 11



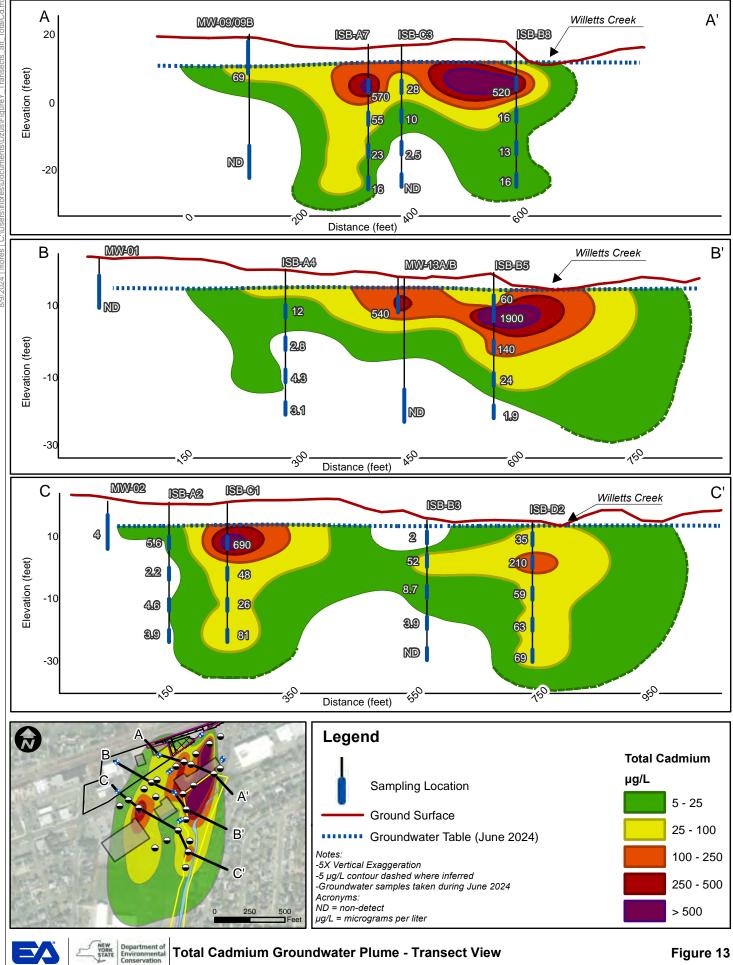
Dissolved Cadmium Groundwater Plume - Plan View

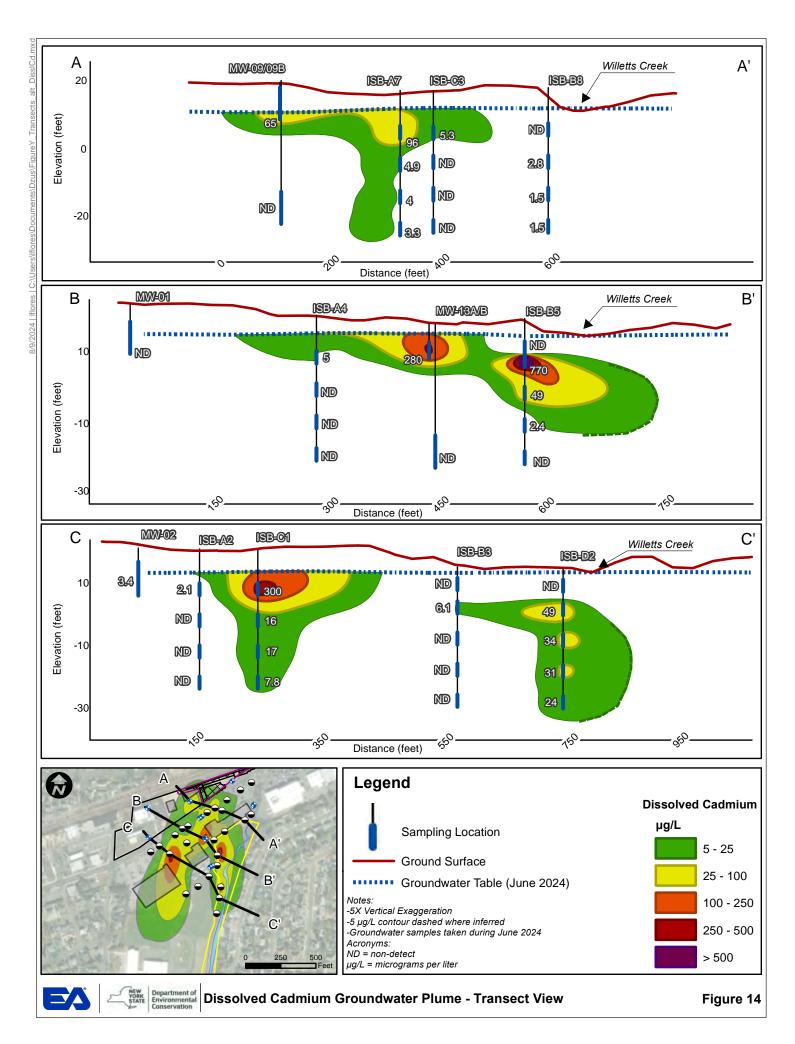
Department of Environmental Conservation

YORK STATE

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Figure 12





Appendix A

Field Forms

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14-				Technolo	l Its Affiliate Ogy	Drilling Metho	Project: d: Df	4		1.5	OU1 Soil Bor		
		SOIL BORING	LOG			Sampling Math	nd: m	9-201	Drobe		Mw-c	ing Number: 1 - SB	
oordinat		Jorthing		F.		Sampling Meth	iou: 11)	here	COVE		Shee	et 1 of \	
	levation: low Surface	· · · · ·			S. O. I		_				D	rilling	
1000	Elevation:				÷	Water Level: Time:		-	1	0.0	Start	Finish	
	Description	n:				Date:	_	1	-		DATE: 5/6	DATE: TIME:	
Blow	Ft. Driven/	Boring	PID	Depth	opport -	Surface (Conditions	Asph	alt	-	TIME: 0:730	TIME:	
Counts 140-Ib)	Ft. Recov.	Diagram	(ppm)	in Feet	USCS Log		Weather	52	clou	dy, a	バマモノモ		
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1				3								ed grzvel	
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	B/			6		Jonne	S.IT.	UTTIE	+-(sand,	most		
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	1	15 Presence		2									
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	pn		-	22	- Way	5			1 942		wet		
				23	Simil	23.5-24						2 - 4	
			_	24	Con con wet	6ubrow	aded		Tel, V	ret	· C 5/22	rd, some	F
				31	NOVW	24-25-	louse	-	vish t	rzun F	-m and	, little En	
				25	SW	25-29 - (oose,	0.0	h tau	TE-N	A sound	ter	VI Si
	5/1	-		26	~ / .		ret	1			sand,	trace F-	IN .
	0/4	H	-	27				-					
	1.1	_											
			-	28									
				29	SIA	29-30 -	loose	greyis	h tay	NF-C	Sand. 15	FILE E-M-	inb
-		Monitorin	g Well C	onstruction	Information			J (3		Part of the		Wet	1410
		Well Diameter:		în			-			oor Point Inst I Vapor Point:	allation Informatior f		
ł		onitoring Well: or Flush Mount:		ft bgs					Botte	om of Tubing:	f	t i	
		Screen Interval:		То		t bgs				of Sand Pack: Sentonite Seal:	f		
	Sanc	Riser Interval: Pack Interval:		То —		t bgs t bgs			1.000				
		Bentonite Seal:		To	f	t bgs							
	_	Grout Interval:		To		t bgs							
		ogged by:	1	incoln	Ducken	2n-Lowe			Date:	5/1	0/24		
	D	rilling Contractor:		LAWE	5				Driller:	Kevi			

2

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SOIL BORING	nce and T	Technolog	V					Soil Boring Number:	
SOIL BORING			, ,	Drilling Method:	_				-
Morthing	LOG Easting:			Sampling Method:				Sheet 2 of	
Northing	- Lasung.							Drilling Start Finish	-
face:				Water Level: Time:				DATE: DATE:	
on: otion:				Date:	CET NE-		1000	TIME: TIME:	
	PID	Depth	UECE Lag	and the second sec					
	(ppm)	in Feet	1.12.12	Tempo	erature:				-
-		30		30-35 -	100se 19)rey is h	tau	F-M sand,	
.5		31	SPIN	little F	-MA c.	bround	a la	ravel, met	
1	-	32	240	1	111 50	010000	and g		
	1	33							
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	=	34				(0) XI (C)	+	E 100 cond to	A T.M
		35					1 acri	1 - W. 2 200, 1820	W
3		36		Subionne	1 grave	-1			- har
		37	1	36-38.51	case gr	eyish t:	zn 11-1	c sand, title F-	Subgin
	-	38		38.5-40	loose g	vey ish	ton F	- (s and, little F	-m subr
	-			gravel	wet	1			
	-	117 N			· · · ·				-
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		41							-
	1.00	42							
	1	43							
	-	44	H	-					
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	la la constante								
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	10.								-
		58		2					_
		59							
Mor	utoring We		ion Information	-					-
tom of Monitoring W tick Up or Flush Moi	ell: unt:	ft bgs		N/M			Bottom of Tubin Fop of Sand Pac	g:ft k:ft	
		- To To	-	ft bgs ft bgs		тор	J.		
Sand Pack Inter	val:	То	-	ft bgs			WA	<	
		To		ft bgs			1		_
Logged by:		1 10	32			Date:	_5	6 24	
	3 Mor Mor mitoring Well Diame tom of Monitoring Well Monitoring Wel	Ven/ Boring PID Diagram (PD) (ppm) 5 5 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	Boring Diagram PID (ppm) Depth in Feet 30 30 5 30 30 31 31 32 33 33 33 33 33 33 33 33 34 33 36 37 37 36 38 39 39 39 30 40 41 41 42 43 44 43 44 44 45 37 46 44 47 48 49 50 51 51 52 53 53 54 54 55 55 56 56 56 57 56 58 59 Monitoring Well: 70 Sand Pack Interval: 70	Near Boring Diagram PID (ppn) Depth in Feet USCS Log 30	Boring Diagram PID (pm) Depth in m USCS Log Surface Conc W Tempone 30 30 - 35 - 30 30 - 35 - 30 - 35 - 30 30 - 35 - 30 - 35 - 30 30 - 35 - 30 - 35 - 30 31 SWH I: tH/e F 32	very Boring Diagram PID (ppm) Depth in Feet USCS Log Surface Conditions: Weather: Temperature: 30	Very Boring Diagram PD Depth in the USCS Log Surface Conditions: Weather: Temperature: Temp	Weater Bergin IDD Depth USCS Log Surface Conditions: 55 20 30 - 35 - 10052 (9724) is h tan 30 - 35 - 10052 (9724) is h tan 55 21 21 30 - 35 - 10052 (9724) is h tan 30 31 35 - 36 - 10052 (9724) is h tan 31 32 35 - 36 - 10052 (9724) is h tan 33 35 35 - 36 - 10052 (9724) is h tan 34 35 50 - 37 (10052 (9724) is h tan 33 35 50 - 37 (10052 (9724) is h tan 34 35 - 36 - 10052 (9724) is h tan 70 (10052 (9724) is h tan 35 97 (10052 (9724) is h tan 70 (10052 (9724) is h tan 36 97 (100 (10052 (100 (100 (100 (100 (100 (100 (100 (10	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

R	EA Engin	eering, P.C. an	d Its Affiliate	Job. No. Client: NYSDEC	Cl Location:			
	EA Scienc	ce and Technol	ogy	Project: DZUS Drilling Method:	Stop + Shop L			
SOIL	BORINGL	OG		Sampling Method: DPT - Co. 80Pro	Soil Boring Number: MW-13A-			
Coordinates: Northing Surface Elevation:		Easting:	<u></u>	Sampling Method: DPT - Cheopre	Sheet 1 of 2			
Casing Below Surface:	-		-	Water Level:	Drilling			
Reference Elevation:				Time:	DATE: 5/15 DATE:			
Reference Description:		Depth		Date: Surface Conditions: 25Ph21-	TIME: 0952 TIME:			
	Boring Diagram	PID in (ppm) Feet	USCS Log	Weather: 58°T VZ	lin			
(_	0		DU-0,151 Aschalt				
5/5		1		VED) ASPONI	1			
	-	2		0,25-1) Loose brow	"n stilt, somegravel			
	1.14	3	M	(1-5 Jab web-E-(Sm)				
	-		SWY	1-5 Job loss, mini	F-L Sand, some gro			
		4	1	F-C, sub-rounded - 1000	aust			
		5	Sid	(7-10) lusse ton WG F	- (Sml, Some gran			
5/2	L	6	500	F-C, Sol mayour (Fin) SUB	inded, wet			
()		7			1			
		8						
	T	9						
		10	(17-1511 - +	KM-CI			
5/	F	11.	SW 1	(1,7-17) Loose tora	WO E-CSand			
- 13.3	F	12		in the france F-C sub	sroundel net.			
	H	13						
	-	14						
	~	15						
	-		6.1	200 (17.2-22) Loose	, huwbf-Com			
5/2		16	JW	(stille Fit subrounded from	n - wet.			
10		17						
		18						
		19	1					
		20	SN (4-25) LOOSE Tom WG	E-CSmd lattle			
0		21		E-C subrounded france	FC)mm INFIL			
214		22		a construct of and	,			
		23						
	-	24						
	-	25		91.7051.05	http://			
	-	26	SW	white 3-brounded prov	WOF-C Sand			
(5.2)	-	27		why sorounded grow	el wet.			
	-	28						
	-	29	1.1.1.1.1.1					
	Monitori	S 11						
Monitoring Well D	Diameter:	Well Construction in	Information	Soil Vapo Depth of Soil	or Point Installation Information Vapor Point: ft			
Bottom of Monitor Stick Up or Flus	h Mount:	ft bgs		Botto	m of Tubing:ft			
	Interval: Interval:	То То —		t bgs Top of Be	entonite Seal:ft			
Sand Pack		To To	f	bgs				
	Interval:	To		bgs bgs				
Logged	by:		RIM	Dates	Date: 5/15/2.4			

1		EA Engi	neering,	P.C. and	Its Affiliate	Project Drilling Method:		n.	Stort-6 Soil B	oring Number:
4		EA Scier	nce and	Technolo	gy		2			oring Number: 3 A -S B
		OIL BORING				Sampling Method:	anero con	L	Sh	eet 2 of L
ordinate face Ele		ung	- Easting:							Drilling Finish
ing Bel	ow Surface:	-				Water Level: Time:	-		DATE:	DATE:
	Elevation:				· · · · · · · · · · · · · · · · · · ·	Date:			TIME:	TIME:
low	Description:		Davi	Depth		Surface Condi	ions: Aspinall	-		Contrast in
ounts	Ft. Driven/ Ft. Record	Boring Diagram	PID (ppm)	in	USCS Log		ther. 1000	11m		
40-Ib)				Feet 30				free la	1195-1	51.1
			-	31	SW	(31, 2-3	- 1 mage	lun V	d .ut	samen
	6		-	32		THERE FZ	. SUDrowed	in grave	n, wei:	
	38			1						
				33		-				
				34		-				
				35	/	136.2 -40	9) Look +	mWG	F-CS.	and,
-	C.		-	36	·Sw	136.2-30 1. Htle F-	(C.h.m.	under d	eravel.n	ret.
	230		-	37		L'ILLO F	C JURY OI	a reaction of	, and you	
	3.0		-	38						
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		-	1000	40	1					
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-	1 1			56		-				
			-	57			-			
			-	58		_				
	1		-	59						
					tion Informatio-			Soil Vapor Poi	nt Installation Infor	mation
	Monitorin	Mon g Well Diamet		in	tion Information			Depth of Soil Vapor	Point:	ft.
	Bottom of	Monitoring We or Flush Mou	ell:	ft bgs				Bottom of T Top of Sand	l Pack:	ft
	ouch op	Screen Interv	/al:	To		ft bgs ft bgs		Top of Bentoni	e Seal:	ft
	Sa	Riser Interv nd Pack Interv	/al:	To To		ft bgs				
		Bentonite Se Grout Interv		To To		ft bgs ft bgs				

	A	EA Engi EA Scie	ineering, nce and '	, P.C. and Technolo	Its Affiliate gy	A find a set week in the set	ient: oject: DP	NYSDEC Deus C (Jusp-19)	lac		Shop HS Soil Bo	ring Number
Coordinates: Surface Eleva	Northi	DIL BORING	LOG Easting:			Sampling Metho			1.		1513- She	41 et 1 of 1
Casing Below						Water Level:			1		Start	Drilling Finis
Reference Ele Reference De						Time:				1	DATE: 5/16	DATE: ST
Blow.	Driven/	Boring	PID	Depth		Date: Surface Co	onditions	: Asphal	1-		TIME:	TIME:
	. Recov.	Diagram	(ppm)	in Feet	USCS Log		Weather	: Clanty	65°F			
	1111			0		0.0-0.25	perature		a strange har			
				1		0.0-0.25)a	sphait	-			
	ols,				mi 1	10,25'-1	1)1	008 6-	oven St	1+ 1×	Hes.md,	Some
2	13		-	2		sub round		mel. Isur		,		
				3	SW	(1'-5')			WG	F-(Sound 14	bby F
				4		Subroun	deal	and all	Ma sel-	-	June (
				5	- 51							
C	1			6	51.1						Sand, li	ffle F-
5	13.5			7	000	50bround	ed y	rnvel, n	norst -	7 wet		
							1					
				8								
		1		9								
	_		-	10		(12.8 1	511	0.00 1	- 1.1	1	101	1.11.
				11	SW	CineV-1	0/1	1 June 1	the, W(2	C Siml,	1+H-le
5	122			12		HC Sub	mar	del of	ravel,	Wer		-
	· pro			13					14.00			
				14								
		-	-	15	514	16.1-7	ON I	Doc.	1 1 .	. 1	10111	14
4	13.9		-	16	ow	C , c	in n	J. J	m,w	6 5	-C.Smd, lit	14
	1.7.			17		F-C >C	10 18	niled	Franci	,We	1	
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				19								
				20	Sw 1	22.8 -7	25') 100	e ta	, W	6 F-6 5	- 1
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	2.1		-	22		LUNK I		- Draw	iden y	mel	WUT.	_
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		H		24							_	
			-	25		610 -						
C	2				500	26.9-30" F-CSUD) 10	ose, tan	200	F-C	Srud lit	the
][3.1			26		F-CSUD	NVGI	tel q.	Carred .	reh		
			-	27				4	in out of the			
			-	28							-	
			-	29					-			
		Monitorii	ng Well Co	onstruction	Information		-		Soil Var-	Point Tart	lation Iste	
	nitoring Wel om of Monit	l Diameter:		in ft bgs			-		Depth of Soil	Vapor Point:	allation Information	ft
	tick Up or Flu	ish Mount:								n of Tubing: f Sand Pack:		ít ft
	Rise	en Interval: er Interval:		То То —		t bgs t bgs				ntonite Seal:		ft
		ck Interval: tonite Seal:		То То	ſ	t bgs t bgs						
		ut Interval:		To	f	t bgs t bgs						
	Logge			Itm	1			-	Date:	STAL	124 Milowt	
	Drillin	g Contractor	:	LAn	-ES				Driller:	yeur	1	

	R	V			Sector 1	A	Client	NYSDEC			5/op+>1	ation:
					ts Affiliate	Drilling Meth	Project: 1	-10BB	John		Soil Bor	ng Number:
		EA Scienc	e and	reconorog	у						153-1	-1
		DIL BORING L				Sampling Met	hod: Mrs	no conc			Shee	et 2 of 2
ordinates rface Elev		ing	Easting:									rilling
	w Surface:	1.1.1				Water Level:	-			D	Start ATE: 5//6	Finish DATE: 5/14
	levation:					Time: Date:					ME:	TIME:
Blow	Description:			Depth			Conditions:		L		_	
ounts	Ft. Driven/ Ft. Record	Boring Diagram	PID (ppm)	in Feet	USCS Log		Weather: Femperature:	60°F	Karia			
40-lb)	-		-	30	<i>c</i> .				L	w/2 C-	1 540	1
	-			31	34	102 .	20 /	1000	1 in	wbF-	Conv	~)
	Kh.		_	32		where	F	suprom	us fr	aver :		
	53			1.1.1.1			_	_	-	_	_	
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-			1	35		36 6-	40)1	ore, L	- 1a/	IZE-C	Sand, l:	Hu
	1			36		Ciel		1	Ma VS	6F-C	,	
	5%-			37		Par DA	Stounde	1 prove	1			
	ליכו			N Post								
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	1.1.1		12.4	40					_			
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			-	1	1					1000		
				58	1				_			
				59		-						
					on Information					/apor Point Insta Soil Vapor Point:	llation Inform	ft
	Bottom of M	g Well Diameter Monitoring Well		ft bgs					В	ottom of Tubing: op of Sand Pack:		nft
	Stick Up	or Flush Mount Screen Interval	:	То	-	ft bgs				of Bentonite Seal:		ft
		Riser Interval nd Pack Interval	8	To To		ft bgs ft bgs						
	Sal	Bentonite Seal		То		ft bgs						
		Grout Interval		To		n ogs			Date:	6/11/7	in	
		Logged by: Drilling Contrac		_ itm	NES				Driller:	- (10h	-Melin	-

		ineering, P.C. a nce and Techn	and Its Affiliate	Job. No. Client: Project:			STUPHSKAP LO	A2
-			ology		OPT -Georgeola	٤	Soil Bor	ing Number
Coordinates:	SOIL BORING	LOG Easting:		Sampling Method: /	meno conc			et 1 of
Surface Elevation	on:							rilling
Casing Below S Reference Eleva			<u> </u>	Water Level: Time:	- <u>S-25</u>		Start	Finis
Reference Desc		10 m Z -	-	Date:			DATE: 5717- TIME:	DATE: 5 TIME: 7
Blow Counts Ft. D	riven/ Boring	PID Dept		Surface Conditi			TANE.	THVIE,
(140-lb) Ft. F	ecov. Diagram	(ppm) in Feel	USCS Log	Weat Temperat	her: 60 0-, clou	y		
		0	1	0.0-0.251)	Arobelt		_	
	2 M	1	1	0.26-171	ole Brinn silt	21.11.1		
= 5/	C I	2	MIL	1 1 1 1 1 1 1 1 1	and thomas still	marthe	F-Csmd,	some
~ ~ 1	2		-	the subrowd	led fromel, dry			
1		3	SW	(1'-5') Los	se, tan WUF	- C Sand	1. LHL	6-1
100	· · · · · · · · · · · · · · · · · · ·	4	_	- subrounded y	and di	Show	1 TATALE	FC
		5		the second se				
		6	Sw	[7.3-10] L	essista wo	F-CSM	d, lottle	F-C
5/				Subrounded a	ravel, moist	->We	F	
= 5/	L.F	7		1				
		8						-
		9						
		- 10		1.				-
			SW	(12.4-15') Loose, Im !	WGF-C	Sand, 1	ittle
- 61		11	0	F-CSUDOO	inder some	unt		
	i	12	-		y the ty	000		
		13	1					
		14						
		15		/				
		1.2	SIN	17.6-20) Loose, tan used grower	Wh F	(S da	1. ISH
51	121	16	000	F-C. Subra	hals I donal	with		
	4	17			frank franker	100-1		11. 1
		18						
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100 m				/				
-		20	SIA	22.4-25) Love, +	mwb	E-E Sm	11.6
- L		21	_) 10	E-C-hu	and prover,			0 101
?/	2.0	22	· · · · · · · · · · · · · · · · · · ·	1 C 30070000	tim prover,	wer.		
		23						
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1		25	SN	(23-30')	Lows - L	WIER	11.1	. 1.
- 5		26	0.0	C-C SUDA	bouse im		(Smr	LIM
	2	27			univer yra	vel, n	let .	
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200								
	1	29						
Monit	Monitori oring Well Diameter:	ng Well Constructi in	ion Information			apor Point Installa	the second s	
Botton	of Monitoring Well:	ft bgs				oil Vapor Point: ttom of Tubing:	fi	
ouc	Up or Flush Mount: Screen Interval:	То		ft bgs	To	p of Sand Pack:	fi	t
	Riser Interval: Sand Pack Interval:	To		ft bgs	10p or	sentonne seat:	ĥ	
	Bentonite Seal:	То		ft bgs ft bgs				
	Grout Interval:	To		ft bgs				
	Logged by:	-I+N	1		Date:	5/12/24	1	

R	EA Easter	ring P	C. and Its Affiliate	Job. No. Client: Project:	NYSDEC DWS	Stopt-shopl	06
	EA Enginee EA Science			Drilling Method:	PT - Great	Soil Boring Number	r:
						a 815 - 4 6	-
	IL BORING LOG	G Easting:		Sampling Method:	Maero-core	Sheet 2 of 7	-
dinates: Northi ace Elevation:						Drilling Start Fini	ish
ng Below Surface:				Water Level: Time:		DATE CUT DATE 5	
rence Elevation: rence Description:				Date:		TIME: TIME:	
ow/	Pauler		Depth	Surface Conditi	ions: Asphalt	er	
ants Ft. Driven/		PID ppm)	in USCS Log Feet	Wea Tempera	ions: Aspharth ther: Cloudy, 60 ture:	4	
)-lb)			30	(22-261)	Long tun	WG, F-C sand,	
	-		31 SW		horac (min	, <u>, , , , , , , , , , , , , , , , , , </u>	
-6/2	_	-	Carl Street	little f-1	subrounded	growd, wea.	
-12		-	32				
	F	-	33				
		-	34	· · · · · · · · · · · · · · · · · · ·			
			35	(3241)	1 mar L	w6F-(Sml)	
			36 52	Pille	1 Sile	n 6 F- (sml, mled gravel, wet.	
=61	-		37	1 the F	- JUDro	maen graver, wer.	
-13	L	1.1					-
- 1'		-	38				
			39	-			_
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		-	Real and the second				
			55	-			
		-	56				
			57				
			58				
			59				
	1				So	il Vapor Point Installation Information	_
Monitoring	Monitor Well Diameter:		Construction Information in	u		of Soil Vapor Point:ft	
Bottom of M	or Flush Mount:		ft bgs			Top of Sand Pack:ft	
эцск ор	Screen Interval:		To	ft bgs	Te	op of Bentonite Seal:ft	
Sat	Riser Interval: nd Pack Interval:		То То	ft bgs ft bgs			
	Bentonite Seal: Grout Interval:		То	ft bgs ft bgs			
			Itm		Date:	5/17/24	-
	Logged by: Drilling Contract	R	I A E C		Driller	1 Kevin McCourty	

	EA Enginee EA Science	ring, P.C. and and Technolo	d Its Affiliate ogy		NYSDEC Deve Pr Geografia	Stopy	-Shoploi
			-	A Statement of the second			oring Number:
	L BORING LOC ;E	asting:		Sampling Method: M	wyo lon		eet 1 of 2
Surface Elevation:			-				Drilling
Casing Below Surface:	_			Water Level:		Start	Finish
Reference Elevation: Reference Description:	-			Time:		DATE: 5/16	DATE:
Blow		Death	1	Date:		TIME:	TIME:
Counts Ft. Driven/		ID Depth in	USCS Log	Surface Condition Weathe	1. 24 000 00		
(140-1b) Pt. Recov. 1	Diagram (p	pm) Feet		Temperature	and F, average	1.472	
		0		0.0-0.251 A	sshalt		
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5/5	1.1	2	ML	UND ITL	oose proven sell	, 1. Hesmil, Some	. Subrand
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-125	_	1					
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	i -	29					
	Monitoring W	ell Construction	Information		Call V-	Point Installation 1	
Monitoring Well	Diameter:	in			Depth of Soil V	r Point Installation Informati /apor Point:	on ft
Bottom of Monitor Stick Up or Flus		ft bgs			Bottom	n of Tubing:	ft
Screen	Interval:	То		ft bgs	Top of Top of Ber	Sand Pack:	ft ft
Riser Sand Pack	Interval:	To		ft bgs ft bgs			
Bento	onite Seal:	То	1	ft bgs			
Grout	Interval:	To	f	ft bgs			
Logged		Itm	ti .		Date:	0/11/24	
Drilling	Contractor:	LAN	ES		Driller:	Kermplicont	

	R EA Eng	ineering,	P.C. and	lts Affiliate	Job. No. Client: Project			Location: Stop within lot	
			Fechnolog		Drilling Method:	ort weapon	e	Soil Boring Numb	er:
	SOIL BORING	LOG			Sampling Method:	Where core		Sheet 2 of	
	Northing	Easting			1.000		Drilling		
urface Elevation: Ising Below Surfac	e*				Water Level:				nish
eference Elevation:					Time:			DATE: 57/6 DATE: 5 TIME: TIME:	110
eference Descriptio					Date:	1 - 0 - Mb		TIME: TIME:	
Blow Ft. Driven,	Boring	PID	Depth in	USCS Log	Surface Condi	ather: 45 F	Avender		
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	-		59		1		C 112 D	Testallation Information	
	Mor	nitoring We	ll Construct in	ion Information		-	Soil Vapor Point Depth of Soil Vapor F	Installation Information	
Bottom	oring Well Diame of Monitoring W	ell:	ft bgs				Bottom of Tu Top of Sand I	bing:ft	
Stick	Up or Flush Mo Screen Inter	unt:	То	-	ft bgs		Top of Bentonite		
	Riser Inter	val:	То		ft bgs ft bgs				
	Sand Pack Inter Bentonite S		To To		ft bgs				
	Grout Inter		То		ft bgs	-	01	A	
	Logged by:		Ifm				Date: <u>5//6/</u>	27 m Melor h	
	Drilling Con	tractor:	LAN	ES			Driller: Ken	m Mecory	

	Science and Technolog	Its Affiliate gy	Project: () 2 Drilling Method: () P (-	Geoprobe	Soil Boy	PFronth
SOIL BC	RING LOG		and the second second second second		ISB-	ring Number: A4
Coordinates: Northing	Easting		Sampling Method: Macr	o-corc	She	et 1 of 2
Surface Elevation: Casing Below Surface:		. 1 ⁽¹) [rilling
Reference Elevation:			Water Level: Time:		DATE: 5/14	Finish DATE:
Reference Description:			Date:		TIME:	TIME:
Blow Counts Ft. Driven/ Bori		USCEL	Surface Conditions:			
(140-lb) Ft. Recov. Diagr	im (ppm) in Feet	USCS Log	Weather: Temperature:	660F		
	0		10-0201	of 14		
G,	1		ALC ILLIDE	DARK SULTYSM	I Gund of be	and C
15	2	ML-			l, Bome sub-	-Co for
		611	(1'-5') Lover	, tan, wo E-C	Smd. It the	F-C
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5/2	6	su 1	F 10 100-		C Sand, 1	offle
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	10		(12 1 15)		/	
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529		<u> </u>	subrounded gro	welwet.		
/48(12			5		
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	15		(- 22)			
	16	SW	(17-20) 1003	c, tan, WEF	-C Soud, [+]	HEF-1
			subrounded fra	vel, wet.	/	
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	19				100 million (100 million (100 million))	
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C1	26	DN	(27-29.7) 10	Dosetan WG	F-C Sand,	, little
567			F-C Subrounded	gravel, wet		
	27					
	28					
	29					
M	nitoring Well Construction	Information		Soil Vapor Point	Installation Informatio	n
Monitoring Well Diam Bottom of Monitoring	eter: in			Depth of Soil Vapor P	oint	ft
Stick Up or Flush Me	unt	÷.		Bottom of Tul Top of Sand F		ft
Screen Inte Riser Inte	rval: To		ft bgs ft bgs	Top of Bentonite		ft
Sand Pack Inte	rval: To		ft bgs ft bgs			
Bentonite	10		1 UB3			
Bentonite Grout Inte	val: To		ft bgs			

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V	®					DEC	Location: Stop+Shop Fronthat
-			P.C. and I echnolog	ts Affiliate v	Project: Dzu Drilling Method: DPT - (Soil Boring Number:
	SOIL BORING				Sampling Method: Macri)-core	Sheet 2 of 7
pordinates:	Northing						Drilling
urface Elevatio					Water Level:		Start Finish
sing Below S eference Eleva		-			Time:		DATE: 5/14 DATE:
eference Descr		1			Date:		TIME: TIME:
Blow Ft. D	riven/ Boring	PID	Depth in	USCS Log	Surface Conditions:	Sould Brity Ch	rudy
Counts Ft. R 140-lb)	ecord Diagram	(ppm)	Feet	0000 105	Temperature:	63°F	
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			35	5101	(36.8-40) Le	eos to w	6 F-C Sand.
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Bc	Monil onitoring Well Diamete ottom of Monitoring We Stick Up or Flush Mour	er: ll:	in ft bgs	on Information		Depth of Soil Vapor Bottom of T Top of Sand	Point:ft ubing:ft Pack:ft
	Screen Interva Riser Interva	al:	- To To		ft bgs ft bgs	Top of Bentonit	e Seal:ft
	Sand Pack Intervi	al:	То	-	ft bgs		
	Bentonite Sea Grout Interva		To To		ft bgs ft bgs		
	Logged by:			M		Date: 5/	14/24 in Accounty
	Drilling Contra	actor:		WES		Driller: Ker	in Accounty

SOIL BORING LOC Conditionation for the state Conditionatin the state	E		B EA Engi EA Scie	neering nce and	, P.C. an Technol	d Its Affiliate ogy		Client: Project: pd: DD ⁻	NYSDEC Dzug	5 Dentire		Step +sh	ocation
Contractes to the product of the pr						6,						= = 313 -	ring N 45
Controllow Surface Water Level State Reference Decorption: Image: State Condition: Applie 14 Ditte 5/7 Row Reference Decorption: Image: State Condition: Applie 14 Ditte 5/7 Row Reference Decorption: Image: State Condition: Applie 14 Ditte 5/7 Row Reference Decorption: Image: State Condition: Applie 14 Ditte 5/7 Row Reference Decorption: Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14 Image: State Condition: Applie 14 Ditte 5/7 State Condition: Applie 14		es: Nor				_	Sampling Met	nod: Mic	ivo cor	e		A CONTRACTOR OF A CONTRACTOR A CONT	eet 1
Beference Benefories The Date Date Bission Date Date Date Date Size	1.4.1.4.2.2.1.1.1		1			-	Water Level		1	1	-		Drilling
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Stick Up or Flush Mount: 0 bottom of Tubing: ft Screen Interval: To ft bgs Top of Sand Pack: ft Riser Interval: To ft bgs Top of Bentonite Seal: ft Sand Pack Interval: To ft bgs ft Bentonite Seal: To ft bgs ft			ell Diameter:		in	. ador mation				Depth of Soil	Vapor Point:		n ft
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Grout Interval: To ft bgs		Be	entonite Seal:		To		ft bgs						
Longed hus 144					-		ft bgs		_		-		
Logged by: 1+M Date: 5/15724 Drilling Contractor: 1-AVES Driller: Kenth Mclose				-1	A	ES					5/15%	24 Milan	No

®		1			Job. No. Client: Project		VYSDEC Jzvs			Stoptshop Lot		
	EA Engineering, P.C. and Its Affiliate EA Science and Technology						- brog	robe		Soil Bo	ring Number: FS	
	L BORING LC				Sampling Method:	Mre	no corre	v			et 2 of Z	
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urface Elevation:		_			Water Level:	- 1			1	Start	Finish	
asing Below Surface:					Time:	-				DATE: 5/15	DATE:	
eference Elevation: eference Description:	-	-			Date:					TIME:	TIME:	
Plan			Depth		Surface Condi	tions:	Asphell	21				
Ft. Driveny	Boring Diagram	PID (ppm)	in	USCS Log	Wei Temper	ather:	Rith, 1	5001-				
140-lb)	Drugrum	ur-,	Feet 30				1	0		11.	1 1.14	
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	Monito	oring Wel	l Construct	ion Information						nstallation Inform	nation ft	
Monitoring	Well Diameter:	:	in						Soil Vapor Poi ottom of Tubii		fi	
Bottom of M Stick Up c	onitoring Well or Flush Mount		- ft bgs					Т	op of Sand Pa	ck:	ft ft	
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	EA Scie	ence and '	Technolo	Its Affiliate gy	Drilling Method: Dir	reoprose		Ace Mai Soil Bor ISB-1-	ing Number
Coordinates:	Northing				Shart 1 of				
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			4						
			5	-	-5-10- loose	tan wight	E-C SOL	ad er	2110
	s i e se di	-	6		5-10-1000e F-C-	shounded			and
5/2	3 8		7				grand	10004	@ 7.6
/ "	and and a second		8	-					
	Section 1		9		1				
			2						
		-	10	-	10-15 - 100se	tan, F-C	sand.	trare	E-A:
51		-	11		Subro	undergrou	rel lor	A	1-64
5/3	3		12						
/			13		12 10 5 .				
		-	14		13-13.5 - inc	crease way	r-c sub	mound	cel gre
					to	10 %			
		-	15		15-20-10050	e tan wa	F-C Se	and, hi	He u
			16		F-C	subrounded	Laveril	1 wet	
- 72	7	-	17				9.000 0	-1	
			18						
	1	-	19						
		-	20		0				
			P</td <td></td> <td>20-25-20050</td> <td>, tan, wa F</td> <td>-C Som</td> <td>rd littl</td> <td>eWG</td>		20-25-20050	, tan, wa F	-C Som	rd littl	eWG
-n/	1 1		21		F-Cs	ubrounded	9 TUNA	, wet	
- 7/2	51 [F	22				1.0000		
-1^{j}			23				-	-	-
	I F		24						
			25		75 7- 1				
					25 - 30 - 100	ose, tan. we	FCSC	nd. +	Carl
-1			26		WA	F-M swbn	Lehour	dom. (a)	10101
- The			27				- vi grid	Junivel	MET
-16	ή Γ	-	28						
		-	29						
	Monitorin	g Well Con	struction In	formation		0-1132	D.1.17.17		
	ring Well Diameter: of Monitoring Well:		in t bgs			Depth of Soil V		on Information ft	
Stick	Up or Flush Mount: Screen Interval:				N/A		of Tubing:	ft ft	
	Riser Interval:		То	ft	bgs		itonite Seal:	ft	
	Sand Pack Interval: Bentonite Seal:		То	ft	bgs		N/A		
	Grout Interval:		То		bgs				

		EA Engi EA Scier	neering, nce and T	P.C. and I Fechnolog	ts Affiliate y	Job. No. Client: Project: Drilling Method: Sampling Method:	NYSDEC DZUS DIFECT PU DCOPODE	-sh	Location: Ace NordWare Lot Soil Boring Number: 150-46
ordinate	S: Nort	OIL BORING				Sampling Method:	hoenor	Sheet 2 of 2 Drilling	
urface Ele	ow Surface:					Water Level:			Start Finish, DATE: 5/2 DATE: 5/2
	Elevation:					Time:	-		TIME: 0715 TIME: 083
	Description:					Date: Surface Condit		acit a	
low	Ft. Driven/	Boring	PID	Depth	USCS Log	Surface Colldit	ather: - 100	- Court of Co	ty dovdy
ounts 40-1b)	Ft. Record	Diagram	(ppm)	in Feet	0300 206	Tempera	ature: 50 °	, MOST	ty clovery
0-10)			1	30	SW	30-35-101	ase tan	136 5	2-C sand, no gravel,
			-		-1-	- we		, ord i	
	-1		12-1	31		- 000	-1		
	51			32					
_	12.2		1	33					
	1		1					-	
_			1	34		Section and the	10.25		10 5
			1	35		35-40-	10058, +0	an, WG	F-C Sand, WG F-1
			-	36			trace gr		
-	1			1.1.1			, gi		
	5/.			37					
-	74			38					
				39		-			
_				L					
	-			40		-Enclos ioo	dua:		
				41	14				
			-	42		-			
				42				<u></u>	
	1			43		1			
_	-			44	1				
			-	1000					
-				-45		2 Mar			
		() () ()	-	46		-			
			1	47	-				
	-		1.00	1					
	-	10.1		48					
	-		-	49					
			-	50					
								-	
				51	1	-		_	
-	-			52					
			-	53	-				
	-			53					
				54		-			
_	-		-	55					
			-						
	-			56					
_	_			57		_			
	_		-	58	-	-			
-					1				
	_	· · · · ·		59	-				ward war a little to Fellow a black
-	-	Мо	nitoring W		ction Information			Soil Va Depth of Sc	por Point Installation Information bil Vapor Point:ft
	Monitor	ring Well Diam of Monitoring V	eter:	in ft bgs				Bot	ttom of Tubing:ft
	Stick	Up or Flush Mo	ount:		_	ahr Ah			p of Sand Pack: It Bentonite Seal: ft
		Screen Inte	rval:	То То		-ft bgs MA	C. I.	TOP OF	1/2
		Riser Inte Sand Pack Inte		To		ft bgs			NA
		Bentonite	Seal:	To To		ft bgs ft bgs			
		Grout Inte		10	0.0.			Date:	5/21/2024
		Logged by:		-	C. Drici	ch c		Driller:	Scort pederson
		Drilling Con	ntractor:		LAWE	5)			

	FA Eng	ineering, P.C. ar	d He Accuse	Job. No. Client: NYSDEC Location			
	EA Eng	ence and Techno	logy	Project: Drilling Method:	10-0		Aie Hardwarel
-	_		-87	Drilling Method: Direct Push Greaprope			Soil Boring Number:
Coordinates:	SOIL BORING	Easting:		Sampling Method:	maeroc		Sheet 1 of 2
Surface Elevatio			3				Drilling
Casing Below St Reference Eleval			÷	Water Level:			Start Finish,
Reference Descri			-	Time: Date:			DATE: 5/21 DATE: 5/2
Blow Counts Ft. Dr	ven/ Boring	PID Depth	the second se	Surface Conditio	ons: a son	alt, dr	TIME: 142 TIME: 130
(140-1b) Ft. Re	cov. Diagram	(ppm) in Feet	USCS Log	Weat Temperate	her:	c	4 50007
		0	OH		Lu pracht	parti	gravel, Loose, day
		1		bow	, Silty s		e gravel, some
5/	5	2		Drejas	The mar	ter, mo	ist graver, some
/	·	3					
		and the design					
		4	SN	4-5-1005c, 0	rey. WG	M-C sand	, some WGI F-C subr
		5	and the state of t	5-10-no rec	OPAL		gravel m
		6		-	every		
5/		7					
/		8					
	1. 1	1.77	1				
		9					
	1	10	SW	10-15-1005	e, tan, 1	NG F-C.	Sand share 110
21		11		E-M	Suprovi	deal	sand some wg
= 3/	3	12		1-1-1	910000	WEF	
	ан I I I I I I I I I I I I I I I I I I I	13					
		14	-				
	-						
	1	15		15-20 - 100	ie tan 1	NGF-C.	sand, some wg
51		16		F-C	subro	maled ?	rowel, wet
-12	5	. 17					
/		18					
	1.1	19					
	-	20		1			
		1		20-25 - 10050	zitan, u	ug m-c.	sand, trace wa
5/		21		F-C subrounded grave			vel, wet
- 1/2	1	22		1.0		~	
-16		23					
		24					
		25		75 ~ 1			
- /		26		20-20-100	se, tan	WG M-C	- sund, trace
= 5/3.		100 mil		WG.	F-C SU	bounded	- sund, trace gravel, wet
13.		27					
	1 [28					
	1 1	29					
	Monitorii	ng Well Construction	n Information			Soil Vapor Daint I	actallation Info
Monitor Bottom	ing Well Diameter: of Monitoring Well:	in ft bgs			D	epth of Soil Vapor Poir	
Stick	Jp or Flush Mount:			NA		Bottom of Tubin Top of Sand Pac	
	Screen Interval: Riser Interval:	To To	f	tbgs I∨/A tbgs		Top of Bentonite Sea	
3	Sand Pack Interval: Bentonite Seal:	То То	f	t bgs t bgs		٨	1/0
	Grout Interval:	To		t bgs		P	V/H
	Logged by:	C.	Derrick		Da	te: 5/	21/2024
	Drilling Contractor	: 1	AWES				H PEderson

-		EA Engi	neering,	P.C. and	lts Affiliate	Project: D7		Ace Hardsorels
-		EA Scier	nce and '	Technolog	У	Drilling Method: Dir	scopyobe	Soil Boring Number: 15B-A7
	5	OIL BORING	LOG			Sampling Method: Ma	coure	Sheet 2 of Z
ordinat		thing	Easting:					Drilling
	levation: low Surface:	-				Water Level:		DATE: 5/21 DATE: 5/2
eference	Elevation:					Time:		TIME: 142 TIME: 130
	Description:		1	Depth		Date: Surface Conditions:	asphalt, a	1 M
Blow	Ft. Driven/ Ft. Record	Boring Diagram	PID (ppm)	in	USCS Log	Weather:	630F 00	CHY SUNNY
140-1b)	tu nete-			Feet 30	c. 1	3-35 000	e + co 10	G E-G sand trace
			1	31	SW	1000000	G Cial	G F-C sand, trace
	5/		1.5			WG	f-l gran	ren, wet
	126			32				
-	10.			33				
				34		1. 1		
-				35		-35-40-loc	se tan, WG	F-C sand, trace
	-1		-	36		- 90	avel wes	F-C sond, trace
	5/10		-	37				
	13.0		1	38				
				39				
			1	1				
1	_			40		Endofboing).	
	-		1.1	41				
				42				
	-		-	43		-		
-	-		1	44				
	1		-	45				
	3		-	46				
-			124	1				
	-			47				
	-		100	48		-		and the second second
			-	49	1	-		
	2			50				
	-		-	51		-		
	-		-	52		-		
	-		-	53		-		
-	_		-	54				
	-			1.0				
	-			55				
	_			56				
	_			57	-			
	-		-	58		-		
			-	59				
		Mo	nitoring W	ell Construc	tion Information			apor Point Installation Information
	Monitor	ing Well Diame of Monitoring W	eter:	in ft bgs			Во	ottom of Tubing: ft
	Bottom c Stick U	Jp or Flush Mo	unt:		2,	ft bgs A 1/A-		op of Sand Pack:ft of Bentonite Seal:ft
		Screen Inter Riser Inter		To To		ft bgs		N/A
	14	Sand Pack Inter Bentonite S		То То		ft bgs ft bgs		
4		Grout Inter		To		ft bgs		

EA So	ience and Techno	nd Its Affiliate blogy	Project: DZUS Drilling Method: Direct Push (DP) GCOPIQUE	Ace Mardwareli Soil Boring Number: ISB-A8			
SOIL BORIN Coordinates: Northing	IG LOG Easting:		Sampling Method: Macrocore Sheet 1				
Surface Elevation: Casing Below Surface:		3		Drilling			
Reference Elevation:		-	Water Level:	Start Finish			
Reference Description:		_	Date:	DATE: 5/22 DATE: 5/22 TIME: 07/5 TIME: 084			
Blow Counts Ft. Driven/ Boring	PID Depth		Surface Conditions: asphalt, de	Y			
(140-lb) Ft. Recov. Diagram	(ppm) in Feet	USCS Log	Temperature: US SUA	1			
	0	OH	-0-5 - sondy orgenic soi	109			
	1		dark hown, sith	I with grave, 1000			
5/5	2		dark brown, silty	send, some gravel			
/	3		Some organic matt.	er, moist			
2000 B							
	4		4.5-5- color change to gre	щ.			
	5	SM	5-7.5-10050, 100000, WG	M-CSand with 1			
-61	6		hig E-F rom 121 (0	40%), moist, wet			
= 5/3 X	7		at 725 au	ruet wet			
	8		at 7.05 ft bgs				
			7.5-10-100se, dark brave	1. WG M-C sond,			
	9		with some WGF-	C subrown cled			
	10		10-11,5-10050, dark brown	WG F-1 Smil +			
	11		with Little WE F.C.S	worwided gravel, w			
- 13.0	12	SW	11, 5-15-20050, tan WGF-CS	d in francis			
	13			ana with some we			
	14		F-C subrounded gra				
			12-12.5- Change to no grave				
	15		15-20-100se, tan, WG E-C 5	and, with some WG			
5/	16		F-C subounded gr				
/2,3	17		,				
	18						
	19						
	20		2				
	1		20-25 - Loose, tan, WG, F little WG F-C sub	- C sand, with			
51	21		little WG F-C sub	nounded gravel we			
- 611	22			, , , , , , , , , , , , , , , , ,			
	23						
	24						
	25		28-20 1-5-1				
EI	26		- JU- Roose, tan, WG, F	- (Sand, with little			
- 2/22	27		25-30- loose, tan, wG, F WG F-C subroundee	d gravel, wet			
/2.2							
	28						
	29						
Monito Monitoring Well Diameter:	ring Well Constructio	on Information	Soil Vapor Poir	at Installation Information			
Bottom of Monitoring Well:	ft bgs		Depth of Soil Vapor Bottom of Tu	Point:ft			
Stick Up or Flush Mount: Screen Interval:		f	N/FT Top of Sand	Pack: ft			
Riser Interval: Sand Pack Interval:	То	f	t bgs	e Seal:ft			
Bentonite Seal:	То	f	bgs	U/A			
Grout Interval:	To		bgs				
Logged by:		, Dernick		122/2024			

s ar i de

R	EA Engineerii	ng, P.C. and I	ts Affiliate		ject: D	NYSDEC ZUS			Ace Mardware Lot
	EA Engineern EA Science an			Drilling Method:	Dire	ot Pu	-sh los	(79	Soil Boring Number:
		0		Campling Math	Geo	20000		-	
	BORING LOG	ing		Sampling Method	~~~~~~			Sheet 2 of Z	
dinates: Northing_ ace Elevation:	East								Drilling
ng Below Surface:	1			Water Level:				1	Start Finish DATE: 5/22 DATE: 5/22
rence Elevation:				Time:			-	-	TIME: 0715 TIME: 0845
rence Description:		I p at I		Date: Surface Co	onditions:	asol	halt. c	in	
	Boring PII	10 10	USCS Log	Surface Ct	Weather:	62	POF	unny	
-1b) Ft. Record D	iagram (pp	m) Feet		Ten	nperature:	e	1 13	anny	
		30	SW	-30-35.	- loo	se, to	n, w	6 F-(2 sand, with wet
		· · · · · ·	trace	2. +0 1.	o gra	Nel,	wet		
-5/	1.000	32							
145									
		33							
		34		10.00					
		35		25-110	0		141	GEA	Sand with no
				03-90-	Consi	-170	1, 001		- sand with no
-5/		36			950	weig	ivet		
- 6.2		37							
	-	38							
				-					
_		39		-					
		40		End of	barn	ng.			
-		41	1	1					
				-					
		42			_				
		43		-					
-	-	44	1						
		45		1					
		45			-		_		
		46		-				_	
	1.1	47		1					
		48							
		A CONTRACTOR		-					
		49			-				
		50		_					
	-	51							
_		52							
		53							
		54							
				1	1	-			
		55		-					
		56					-		
	-	57							
	-	1.1	1	-	-				
		58		- 1					
		59							
	Monitoring	Well Construct	tion Information			1.			Installation Information
Monitoring W	ell Diameter:	in					1	Soil Vapor Po Bottom of Tub	ing:ft
Bottom of Mo Stick Up or	nitoring Well: Flush Mount:	ft bgs	_	N	1A		1	Top of Sand Pa	ack:ft
Sc	reen Interval:	To		ft bgs ft bgs	1.		Top	of Bentonite S	
	Riser Interval: Pack Interval:	То То	2	ft bgs				N	A
E	Sentonite Seal:	To 		ft bgs ft bgs				. 1	
C	Grout Interval:	10					Date:	<	122/2024
Lo	gged by:	-	C. Deri	ICIC		-	Driller:	SID	Ht Pederson

_		EA Scie	nce and	Technol	d Its Affiliate ogy	Project: D-ZUS ACE Mardware With Drilling Method: Direct Push (DPT) Soil Boring Number:
	s	OIL BORING	LOG			Geoprobe ISB- 49
oordinates:	Nort	thing			_	Sampling Method: Macrocore Sheet 1 of 2
urface Eleva asing Belov					9	Drilling
eference Ele		·			÷	Water-Level: Start Finish
eference De					-	Time: DATE: \$/22 DATE: \$/22 Date: TIME: 1145 TIME: 1245
Blow E	. Driven/	Boring	PID	Depth		Date: TIME: 1945 TIME: 1315 Surface Conditions: asphalt, dry
	t. Recov.	Diagram	(ppm)	in	USCS Log	Weather:
				Feet	0.11	Temperature: 11 F. Sunny
					OH	- 0-4.5- sandy organic soil with gravel, loose dark briwn/black silty sand, some
-	-1			1		dork brinn/black silty sand some
	5/5			2		gravel, some organic matter, mast
- '				3		1
	- L.		1l			
		-		4	SW	45-5- LOSE OCEN WE FOR WE FORS
			-	5	SM	4.5-5-100se, grey, WG F-C Sand, with some pravel, n 5-10-loose, brain, WG M-C Sand with silt an WB F-C grower (~40%), wet @7.55
	1			6	0,11	p-10- Work, brain, WG M-C sand with silt an
5	5/					WG F-C grower (~40%) wet @7 55
1	3.55	2	1	7		8.5-10-color change to dath brain.
				8		mange to day a brawn.
				9		
				1.2.5.2	-11	
			1.	10	SW	-10-15- Loose, dark brown, WG F-C sand, with
	1			11		- Some WG E-C-subrounded gravel, wet
5	1.5		-	12		sorreit a saising deal gravel, wet
-1/	3.					
				13		13.5-15-color change to tan
		12		14		
				15	1	15-20 1
		12 2 24		16	_	15-20-losse, tan, WG E-Cound, with some
	-1			10		WG F-C subranded growel, wet
- 5	62		-	17		
1.	100		1.000	18		
	- C			19		
						A
	1.1	1.1		20	-	20-25 - Roose, tan, WG F-C sard, with some
-6			-	21		his & Ching tan Wall-L sard, with some
2	2			22		WG F-C subrounded gravel, wet
/.	3			21		
			-	23		
			-	24	-	
				25		15 20 1 1
		ŀ		26		25-30 - Loose, tan, WG F-Crand, with some WE F-C subrounded growel, wet
				1		WER F.C subrounded arrives wet
-7.	29		-	27	15.051	
11	2.1			28		
				29		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
			1		1	29-30-color charge to brown
Mo	nitoring Wa	Monitoria ell Diameter:	ng Well Co	onstruction in	Information	Soil Vapor Point Installation Information
Bott	tom of Mon	itoring Well:		ft bgs		Depth of Soil Vapor Point:ft Bottom of Tubing:ft
St		lush Mount: een Interval:		То		ft bas D/A Top of Sand Pack:ft
	Ri	iser Interval:		To		ft bgs
		ack Interval: ntonite Seal:		То То		ft bgs ft bgs ///A
		out Interval:		To		ft bgs
	Logg	ged by:		ſ	, Dernich	L Date: 5/22/24
	Drill	ing Contractor		LA	FWES	Date: 5/04/04 Driller: 5'cott Pederson
					111	

		R)	-			Job. No. Client: NYSI		Location:
-					ts Affiliate	Project: DZU	s push (OPT)	Ace Mardware Lot Soil Boring Number:
-	P	EA Scienc	e and T	Fechnolog	у	Geo	sainga	15B-1A9
		SOIL BORING LO				Sampling Method: Moc	nocore	Sheet 2 of 2
ordinate		thing	Easting:					Drilling
	evation: low Surface:					Water-Level:		DATE: S/22 DATE: 5/22
	Elevation:					Time: Date:		TIME: 1145TIME:1315
ference Blow	Description:			Depth		Surface Conditions:	sphalt, dry	
ounts	Ft. Driven/ Ft. Record	Boring Diagram	PID (ppm)	in	USCS Log	Weather: Temperature:	71 F swary	
40-lb)			-	Feet 30	and	- 31-35 - 1005e, 1005e	2n, WG E-C	sand comple ING
	1		-	31	SV	E.C. culture	had marial	sznd, some WG wet
	539			32		1-C Suoroui	rated grever,	Wei
	P			1				
				33		-		
				34				
			1-3	35		35-40 - loose 1	tan WGF-C.	sand with some
			-	36		INC C	C Subseries 1	ed arrivel wet
	61			37		Via P	C Decrostige	a grath t
	1/19							
	1"		(H. 19	38				and the second
				39				
				40		End of boring.		
				41				
				42				
				43	-	-		
-				44				
	-		1.1.2	45				
				-46	1.200			
				47	-			
_	-		-	48	1			
	1			49		-		
			-	1				
	-		1.1.1	50				
				51				
	_		-	52		-		
-		1		53				
-	-		-	54				
	-	1.1.1	-	55				
					1			
	-			56				
	-			57		- here -		
	1			58		-		
-		4	-	59				
-	_	Monit	oring We	ell Construct	ion Information			oint Installation Information
	Monitori Bottom a	ing Well Diamete of Monitoring Wel	r:	— in ft bgs			Depth of Soil Vapo Bottom of	Tubing:ft
	Stick U	Jp or Flush Moun	t		-	ft bgs	Top of Sar Top of Benton	
		Screen Interva Riser Interva		To To		ft bgs N/H	11/10	
	5	Sand Pack Interva Bentonite Sea		To To		ft bgs	NA	
		Grout Interva		To	-	ft bgs		-122/24
		Logged by:		C	. Dernu		Date: Driller: S	5/11/27 Scott Pederson
		Drilling Contra	ctor:	1	AWES		Driner:	

EA En EA Sc	gineering, P.C. and ience and Technolo	l Its Affiliate	Job. No. Client: NYSDEC Project: DZMS	Location: Ace Mardwork
SOIL BORIN		- 6J	Drilling Method: Direct Push (DPT) Geograph	Soil Boring Number:
Coordinates: Northing	Easting:		Sampling Method: Marowe	Sheet 1 of 2
Casing Below Surface:		-	Water Level:	Drilling
Reference Elevation: Reference Description:			Time:	Start Finish DATE: 5/23 DATE: 5/2
Blow Et Deiven (Beside	PID Depth	1	Date: Surface Conditions: OSPhalt, wet	TIME: 1245 TIME: 1420
(140-lb) Ft. Recov. Diagram	(ppm) in Feet	USCS Log	Weather	
	0	011	Temperature: 70°F, party ch	oudy, high humidi
51	1		- 4- 1005 dark brun, sand trace silt, little organi	home yearel.
5/5	2			i natter, mois
	3			
	4	SW	4-5- Donse 1 11- 0	
	5	1	4-5-loose tan, WG FC sand, si	ome growel, moi
	6		= 2 a 20	nd, some gravel,
5/2.3 2	7	-	7-7-8.2- Roose tan, WG F-C Sa 5-2-8-18- LOOSE, Stray, WG F-C =	sand some WGF
/2,5 ==	8		5.8-9.1 - gravel increase to	60%
	9		7.1-9.4 - gravel increase +	0 802
	10		8.8-9.1 - gravel increase to 9.1-9.4 - gravel increase to 9.4-10 - gravel decrease to 10-12.8- Roose, dark brown, v	60% color chone
	u		10-12.8- loose, dark brown, u	NG F-C sand,
-5/	12	-	- I DOINE WG F-C grave	l, wet
3.3	12		12.8-15-color change to me	dium/light how
	13			
	14		14-15- gravel change to trac	cegrowel
	15		15-20 - Roose, tan, WGF-Cso WGFF-C growel, wet	and with track
-5/			WEIFF-C gravel, wet	
-/2.7	17		18.5- increase gravel to "some"	gravel
	10			
	20		4	
			20-25-loose, ton, WG F-C sond	, with trace
-5/	21		gravel, wet	
-73	22			
=	23			
	24		9	
= 1 7	25	-2	5-30-loose ton, WG F-Csana	in the literation
$= \tau / $	26			UTT INTE Grave
= /2.6	27			
	28			
	29			
Monitoring Monitoring Well Diameter: Bottom of Monitoring Well:	ng Well Construction Ir in	nformation	Soil Vapor Point Installa Depth of Soil Vapor Point:	ation Information ft
Stick Up or Flush Mount: Screen Interval:	ft bgs		Bottom of Tubing:	ft
Riser Interval: Sand Pack Interval:	To	ft I	bgs N/H Top of Bentonite Seal:	ft
Bentonite Seal: Grout Interval:	To	ft1	bgs / N/A	
Logged by:	To	ft	/	
Drilling Contractor	LAW	Derna	Date: 5/23	17224

It=Entire core wet, water level between 5-7.7 ft bgs.

_	4.0					Job. No. Client:	NYSDEC		Location:
		FA Engi	neering	P.C. and	lts Affiliate	Project:	Drus		Ace Mardware Lo+
		EA Engl	nce and T	echnolog	у	Drilling Method: Di	rect push	(DOT)	Soil Boring Number:
		Entotio				Gampling Method:	Vacious -		Sheet 2 of 2
		OIL BORING				Sampling Method. VV	Vacrow		
rdinate face Ele		thing	Easting:			Contractor and			Drilling Start Finish
	ow Surface:					Water Level:	4		DATE: $5/23$ DATE: $5/23$
	Elevation:					Time:			TIME: 1245 TIME: 1220
	Description:					Date: Surface Condition	is: aspha	ilt, wet	
low	Ft. Driven/	Boring	PID	Depth in	USCS Log	117			
unts 10-1b)	Ft. Record	Diagram	(ppm)	Feet		Temperatu	re: 70°+,	party d	oudy, high humidity
	200		-	30	SW	-30-35-100	se, tan	WG F-C	sound with trace
-	1		-	31			rel, wet		
	5/4		1000	32					
	11		1.	32					
				33		-			
			1	34					
			-			25-40 100	se dark	brown, u	og F-C sund, with
1				35		00-40-200	oden -	21 1.22	
	1			36		- tra	ce grow		
	5/-			37					
	73			38		-			
			1.1	- 26					
	6.1.4		11	39		-			
-			-	40		End of bon	ng.		
				41		-			
-	4			41					
	1		1.0	42		-			
_	-			43					
				44	-	4			
	-			1		1			
	1			45	1		_		
		1	1.00	46					
	1		-	47					
-	-			48		-			
-	-		-	49					
	-		-	50					
-	-			1.	1				
	-			51	-				
	-			52					
	_		-	53					
-	-		-	1.1	-	1.2			
	2		0	54	-				
-	-		-	55					
				56					
	-			1225					
				57					
			-	58	1.200				
			_	59					
-		1		1	1.			Soil Vapor	Point Installation Information
		M	onitoring W	Vell Constru in	iction Informatio	n . /		Depth of Soil V	apor Point:ft
	Monito	oring Well Dian of Monitoring	well:	ft bg	5	NA	100	Bottom	of Tubing: ft Sand Pack: ft
	Stick	Up or Flush M	ount:			ft bgs			tonite Seal:ft
		Screen Inte Riser Inte		To 		ft bgs			.1
		Sand Pack Int		To		ft bgs			N/A
		Bentonite	Seal:	То То		ft bgs ft bgs		,	
		Grout Int	erval:					Date:	5/23/2024
1		Logged by:		-	C. Dema			Driller:	Scott Pederson
		Drilling Co	ntractor:		LAWES				

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	EA Engine EA Science	ering, P.C. a and Techno	nd Its Affiliate	Job. No. Clie Proj	ect: DZUS		Location: School ballf
			лову	Drilling Method:	DPT - Gree	sprobe	Soil Boring Number
	L BORING LO			Sampling Method:	macro		15B-BI
Surface Elevation:	·	Lasung:	-				Sheet 1 of
Casing Below Surface:			-	Water Level: 4	50		Drilling
Reference Elevation: Reference Description:				Time: 11	10		Start Finish
Blow			_	Date: 5/			DATE: 5/10 DATE: 5/1
Counts Ft. Driven/		PID Depth in		Surface Con		55	TIME: 0915 TIME: 110
(140-Ib) Pt. Recov. 1	Diagram (p	pm) Feet	USCS Log	Tamp	eather: 59°F, r	ain	
		0	DI	0-1 - 1005 P	Lacontre	1	
5/5		1	50		county sil	T, dark k	arown, moist
/ ~	-		DP	1-1.5, 10050	, white, F	GEST	durat
	1	2	5105	1.5-5.0-	LOOSE, +2	DINGE	- i sand, some
		3	- CN	50	. ,		r sand, some
	-	4		F-C 5	abrounded	gravel	
			1			0	
-i i	т. П. П. С.	5	SW	5-7.8-10	MCR. AVANIE	a + 2 14.	G F-C sand,
53.4		6		little :	Jierisi	i raun, W	G F-C sand,
	-	7	0	THE F	-M subra	cundled o	ravel, wet
			SIN	7-8-10 - 1	oose, tar	WA E-C	
		8		F. MA	1	F F	pravel, wet sand, little
		9		1 ~ IV1 ~	ubrounded	& gravel	l, wet
		10					
		10	SIL	10-15 - 101	se, greyis	h tan w	G F-C sand,
5/2.2		11	OW	1.4410	·		sind,
14.4		12		time F-	C subroi	inded or	avel, wet
			1 C			0	1
		13					
		14					
		15		5-2A			
		16	SVV	13-20- 100	se, tan, u	NGF-CS	and, little
51.7		10		F-M SL	ibroundied	aimual	wat
		17				graver1	WET
		18					
		19	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
		19					
		20	SW 2	0-24-10	05e, +2.0	WG F.C	- sand, little
53	100	21	000	- 41			- sand, little
	-		t	-M sub	rounded	gravel. w	vet
		22				0 ., •	
- 1		23					
		24	00 2	4-25 - 100			
		1	10	91	sc, tzen, P	GF sand,	trace F subrown
		25	C) 1 2	e			1
Spe		26	SAL		ie, tan, v		sand little
5 3.5		27	~ / /	F-M e	subround	ed grav	rel wet
- 1	-						
		28					
		29					
	fonitoring Well	Construction	nformalian				
Monitoring Well Dia	meter:	in	anormation		So	il Vapor Point Installa	tion Information
Bottom of Monitoring Stick Up or Flush M	Well:	ft bgs	٨	IA	Depth	of Soil Vapor Point: Bottom of Tubing:	ft
Screen In	terval:	То	ft bg	115	_	Top of Sand Pack:	
Riser In Sand Pack Int		To	ft bg	S	Tc	p of Bentonite Seal:	ft
Bentonite	erval:	To	ft bg ft bg			AC	10
Grout Int		То	ft bg			1	1++
Logged by:		LRL	~			L	
	ntractor:		UES		Date:	Shal	N I I

-	R				- A Ciliato	Job. No. Client: Project:	NYSDEC			School	bz.U. field
		EA Engir	reering, ce and T	P.C. and R Technology	s Affiliate	Drilling Method:				Soil Bo	ring Number: ろദーろし
						Sampling Method:					eet 2 of Z
		DIL BORING				Sumpling					Drilling
rdinates ace Elev				1.00		Water Level:		1 1	A	Start	Finish
ing Belo	w Surface:		_			Time:	1			DATE: TIME:	DATE: TIME:
erence E	levation: Description:	-				Date:		1		TIME:	TIVILA
Lawy		Boring	PID	Depth	USCS Log	Surface Condition Weath					
	Ft. Driven/ Ft. Record	Diagram	(ppm)	in Feet	USC3 Log					TC	
0-10)				30	SIN	Temperatu - 30 - 35 - 1	cose,	tzen,	wG	F	- Dane, u
	5/4		-	31	OV						
	1.		-	32							
			-	33							
-			1								
				34						1	· /
	1			35		-35-40 - little F-	loose	, +2n	, 000	7 F-1	sand,
-	5/2,8		-	36		-little F.	M Su	brauna	ted o	ravel	, wet
			200	37	1						
			-	38							
			-	. 39							
-			-	1-1-1				-		_	
				40							
			11.1	41							
	1			42							
_	1		1.00	43	1000	_				_	
			1	44							
	-			45	1						
	-			-46				-			
	-			47					-		
	-		1	48							
	1		-	49							
-	-		-	50	-						
	-			-	-						
				51							
	2			52				_	_		
	-			53							
-	-		1	54							
	2		-	55							
				56	-						
	-				_						
				57							
				58					_	-	
				59						T. J. H. Case T.	formation
		M	lonitoring	Well Constru	action Informatio	on		Soil Depth of	Vapor Point Soil Vapor I	t Installation In Point:	ft
	Monito	oring Well Dian	neter:	in ft bg					Bottom of Tu Top of Sand	bing:	ft
	Bottom Stick	of Monitoring Up or Flush M	lount:			ft bgs			of Bentonite		ft
		Screen In Riser In	terval:	To 		ft bgs					
		Sand Pack In	terval:	To		ft bgsft b					
		Bentonit Grout In		To		ft bgs		-		= habil	
		Logged by			LB1-			Date: Driller:		5/10/24 ott Peo	1

SOIL BC	Engineering, P.C. Science and Tech RING LOG Easting:	nology	Sampling Method: MACKO CUMP	Soil Boring Number 15B-B2
urface Elevation: asing Below Surface:	casang		matrice corres	Sheet 1 of
eference Elevation:			Water Level: 4,05	Drilling Start Finish
eference Description:			Time: 13:30 Date: 519	DATE: 5/9 DATE: -555
Counts Ft. Driven/ Borin			Surface Conditions: 91255	TIME: 1200 TIME: 1335
140-1b) Pt. Recov. Diagr.	fee (ppin) Fee	t	Temperature:	
1	0	CaM	0-1.5 - loose, sally silt, da	rb brazin size
55	1		Engelter gravel mos	it storn, some
	2	-5W	2ngular gravel, mois 1.5-5 - ~ loose, tan, WG F-C subrounded	F-C
	3		F-C Calan A A	I sand some
	4		subrounded	gravel
	5	SIN	5-7.7 loose arevish +2n	MAR F Cont
= 5/3.5	6		5-7.7 loose, greyish tan little F-M subrounded gr	, vul r-c sand,
	7		gr	avel, wet
	8	SIN	7.7-10 loose, tan, WG E	
	9	- JK V	F-IVI Selan 1 1	Wiszand, 1:410
	10		F-IN Subrounded gravel 10-15 · 100se, wet, Fan U	wet
5/3,3	11	-	to a tran U	NG F-Mszud,
1-13	12		trace F subrounded	gravel
	13			0
_	14			
	15	Civil		
	16	DM.	1iffle subvounded F	, WG F-Msan
1/15	17		little subrounded F	grannal it
	18			J soort, wet
	19			
	20			
	20	SW	10-25 - loose greyish tan	EWG F-C sand
5/	22		little F-M subrounded a	
- 73.4				gravel, wet
	23			
	24			
1	25	SW 25	· 30 - lucse, greyish tan	WGFCONT
15/21	26		little F subrounded	wa F-C sand,
1/2.8	27		in samonal	gravel
	28			
	29			
wontoring well Diameter.	ring Well Construction in	Information	Soil Vapor Point Inst	allation Information
Bottom of Monitoring Well: Stick Up or Flush Mount:	ft bgs		Depth of Soil Vapor Point:	ft
Screen Interval: Riser Interval:	То	ft bgs	Bottom of Tubing: Top of Sand Pack: Top of Part in the Sand Pack	ft
Sand Pack Interval:	То То	ft bgs ft bgs	Top of Bentonite Seal:	ft
Bentonite Seal:	To To	ft bgs		
Grout Interval:	10	IL DOC		
	4	ft bgs	Date: 51	9/24

	EA Science	e and To	echnology	s Affiliate	Drilling Method:		Sheet 2 of
	OIL BORING L				Sampling Method:		Drilling
	thing	Easting:					Start Finish
e Elevation:	-				Water Level:		DATE: DATE:
g Below Surface: ence Elevation:					Time:		TIME: TIME:
ence Description					Date: Surface Conditions:		
	Boring	PID	Depth	USCS Log	Mathar		
nts Ft Record	Diagram	(ppm)	in Feet	0300 105	Temperature:	Law D	GE Sand trace
lb)			30	SP	30-32.8 - 1005	e, tan P	el i sara, nace
5/4			31	01	E Culoradad	graval	
-11			51		FSubrotes	1 1 1 1 1 1	Ere Sand some
			32	SINT	32.8-35-60050	1211, 100	G F sand, trace - F-C Sand, some avel
			33		F-(Subron	ind gra	avel
	S				10	0	
			34			arevish -	tan WGF-CSZN
			35	A 1.	+35-70 - 100 se	13-713	
			36	SI	Little E-M	1 gravel	tan WG F-Csind
-6/-		-		1	Triffe F 19	- J werel	
= 75			37				
- 1			38		-		
		1	39	-			
-					1		
		-	-40				
	18.00	1	41				
	1		-				
			42				
			43		-		
0.0		-	44				
			45	-			
		-	46	_			
	1.1	-	47	-			
				1			
	NY		48	-			
		-	49				
		-	50	-			
			50				
			51				
		-	52				
			53	-			
			54	_			
		-	55	-			
			56				
		-	57				
		_	58	-			
			58				
			59			6 H.Y.	or Point Installation Information
	M	lonitoring	Well Const	ruction Informat	ion	Soil Vap Denth of Soil	Vapor Point:
Mor	itoring Well Diar	neter:	iı	1	. [.	Botto	om of Tubing:
Both	om of Monitoring ick Up or Flush M	Well:	ft t	'R's	NA		of Sand Pack:ft
St	Screen In	terval:	Т.		ft bgs [V]/7 '	, op or p	
	Riser In	terval:	T	0	ft bgs		NA
	Sand Pack In Bentonit		1	0	ft bgs ft bgs		l.
	Grout In		1	Ĩ0	11 025		5/9/24

SOIL BORING LOG Diffing Method: Georgian Sundae Elevation: Easing Sampling Method: MZA Safface Elevation: Easing Water Level: 3.7 Reference Description: Boring PID Depth USCS Log Water Level: 3.7 Blow P. Driven/ Boring PID Depth USCS Log Water Level: 3.7 Blow P. Driven/ Diagram (ppm) Depth USCS Log Water Level: 3.7 Blow P. Driven/ Boring (ppm) Depth USCS Log Water Level: 3.7 Sold 0 D.L. $0.72 - 102 M$ 0.7 Sold 2 G.L. $2.73 - 102 M$ 0.7 Sold 2 G.M. 5.7 $10.2 M$ 0.7 Sold 2 G.M. 5.7 $10.2 M$ 0.7 Sold 3 Sold 5.7 $10.2 M$ 0.7 Sold 3 Sold 5.7 $0.2 M$ 0.7 $0.7 M$ Sold <	ro core Sheet 1 of Drilling Start Finish DATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9
Soll BORING LOGSampling Method: MZASurface Elevation:Sampling Method: MZACoordinates:Water Level: $3 \cdot \frac{1}{20}$ Reference Elevation:Boring DiagramPD (ppm)Blow Seference Description:Boring PicePD Depth inetUSCS LogBlow Surface: (140-1b)Boring PicePD Depth inetUSCS LogBlow Surface: (140-1b)Boring PicePD Depth inetUSCS LogSolution:Boring PicePD Depth inetUSCS LogSurface: Surface: (140-1b)Boring PicePD PiceBlow Surface: (140-1b)Boring PicePD PiceDepth USCS LogUSCS LogBlow Surface: (140-1b)Boring PicePD PiceDepth USCS LogUSCS LogBlow Surface: (140-1b)Boring PicePiceDiagram Surface: ConditionsPiceSolidPice PicePice PicePice PicePice PicePice PiceSolidPice PicePice PicePice PicePice PicePice PiceSolidPice PicePice PicePice PicePice PicePice PiceSolidPice PicePice PicePice PicePice PicePice PiceSolidPice PicePice PicePice PicePice PicePice PiceSolidPice PicePice PicePice PicePice <b< th=""><th>ro core Sheet 1 of Drilling Start Finish DATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9</br></br></br></br></br></br></br></br></br></br></th></b<>	ro core Sheet 1 of Drilling Start Finish DATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9 TATE: 5/9 DATE: 5/9 TATE: 5/9
Solute Elevation: Seterance Elevation: Efference Description:	Sheet 1 of Drilling Start Finish DATE: 5/9 DATE: 5/9 TIME: 0715 TIME: 0415 DATE: 5/9 DATE: 5/9 TIME: 0715 TIME: 0415 DSEF, cloudy MOIST C, St Hy Saud, F-C Sauds. Well grad over a sitt, some M-C subrown -C subrounded gravel, some Wo rk brown sitt, wet ark brown WG F-C saud, Fraze sitt, k brown WG F-C saud, traze sitt, tan, WG F-C saud, Traze sitt, wet
Casing Below Surface:Water Level: 3.7 Water Level: 3.7 DiagramUPDDepthUSCS LogWater Level: 3.7 Date: 3.7 Counts 0 0.2	Drilling Start Finish DATE: 5/9 DATE: 5/9
Time $\frac{0}{9}$: 20 Date 9 : 94/224 Blow Date 9 : 94/224 Blow Surface Conditions: Time $\frac{0}{9}$: 20 Date 9 : 94/224 Surface Conditions: Time $\frac{0}{9}$: 20 Date 9 : 94/224 Surface Conditions: Temperature: 0 OL OC Time $\frac{0}{9}$: 20 State Conditions: Temperature: 0 OL OC State Conditions: Temperature: State Conditions: State Condition: State Condition: State Condition: State Condition: Temperature: State Condition: State Condition: State Condition: State Condition: State Condition: State Condition:<	NOTST DATE: 5/9 DATE: 5/9 TIME: 0715 TIME: 0915 TIME: 0715 TIME: 0915 DESF, cloudy notist DATE: 5/9 DATE: 5/9 DAT
Blow Pt. Driver/ Blow Pt. Recov. Diagram PID Depth in Peet USCS Log Uscale Conditions: 1(a)(b) Pt. Recov. Diagram PID in Peet USCS Log Weather: 1(a)(b) Pt. Recov. Diagram PID in Peet USCS Log Weather: 1(a)(b) Pt. Recov. Diagram PID in Peet USCS Log Weather: 1(a)(b) Pt. Recov. Diagram PID in Peet USCS Log Weather: 1(a)(b) Pt. Recov. Diagram PID in Picture ISS Log Picture ISS (2) Picture ISS Pictur	DATE: 5/9 DATE: 5/9 TASSY BALL FICIAL TIME: 0715 TIME: 0415 28° F, cloudy MOTST C. SA Hy Saud, F-C Stands. Well grad ever a sitt, some M-C subrown -C subrounded gravel, some Wa rk brown sitt, wet ark brown WG F-C saud, Frace sitt k brown WG F-C saud, trace sitt, tan, WG F-C saud, trace sitt, wet
Counts Pt. Briver, Boring Pt. D. Deptin (ppm) in USCS Log Surface Conditions: We have a series of the series of	NOTST HY Saud, F-C stands Well grad over a sitt, some M-C subround c subrounded gravel, some WC rk brown sitt, wet ark brown WG F-C saud, Fraze sitt k brown WG F-C saud, traze sitt, k brown WG F-C saud, traze sitt,
$5/5 = \frac{1}{5/3.8} = \frac{1}{5/3.8} = \frac{1}{20} = \frac{1}{5} =$	28° F, cloudy moist Hy Saud, F-C sands. Well grac every a sift, some M-C subrown -C subrounded gravel, some WC rk brown sift, wet ark brown with F-C sand, Frace sitt, k brown WG F-C sand, trace silt, tan, WG F-C sand, Trace silt, wet
$5/5 = \frac{1}{2} + \frac{1}{6} $	Hy Saud, F-C stands, Well grad over a sitt, some M-C subround -C subrounded gravel, some WC rk brown sitt, wet ark brown WG F-C sand, Frace sit k brown WG F-C sand, trace sitt, k brown WG F-C sand, trace sitt, tan, WG F-C sand, Title F-C subrown
$5/3.5 \qquad \frac{1}{2} \qquad \frac{1}{2$	Hy Saud, F-C stands, Well grad over a sitt, some M-C subround -C subrounded gravel, some WC rk brown sitt, wet ark brown WG F-C sand, Frace sit k brown WG F-C sand, trace sitt, k brown WG F-C sand, trace sitt, tan, WG F-C sand, Title F-C subrown
$5/2.9 \qquad \frac{3}{5} \frac{6}{5} \frac{102}{5} \frac{102}{5} \frac{102}{5} \frac{10}{5} \frac$	Hy Saud, F-C sainds Wellgrac overwa sitt, some M-C subround -C subrounded gravel, some WCG rk brown sitt, wet ark brown WG F-C sand, Frace sitt, ke brown WG F-C sand, trace silt, tan, WG F-C sand, The F-C subrouve
$5/2.9 \qquad \frac{3}{5} \qquad \frac{5}{5} \qquad \frac{10}{5} \qquad \frac{5}{5} \qquad \frac{5}{5} \qquad \frac{10}{5} \qquad \frac{5}{5} \qquad \frac{20}{5} \qquad \frac{5}{5} \qquad$	Hy Saud, F-C sainds Wellgrac overwa sitt, some M-C subround -C subrounded gravel, some WCG rk brown sitt, wet ark brown WG F-C sand, Frace sitt, ke brown WG F-C sand, trace silt, tan, WG F-C sand, The F-C subrouve
$5/4 = \frac{6}{7} + \frac{5}{3.8} + \frac{6}{10058} + \frac{5}{3.8} + \frac{6}{10058} + \frac{3}{3.8} + \frac{6}{3.8} + \frac{10058}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{11}{10058} + \frac{11}$	rk brown silt, wet ark brown WG F-C sand, Frace sit wind gravel k brown WG F-C sand, trace silt, tan, WG F-C sand, Title F-C subrown wet
$5/4 = \frac{6}{7} + \frac{5}{3.8} + \frac{6}{10058} + \frac{5}{3.8} + \frac{6}{10058} + \frac{3}{3.8} + \frac{6}{3.8} + \frac{10058}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{11}{10058} + \frac{11}$	rk brown silt, wet ark brown WG F-C sand, Frace sit wind gravel k brown WG F-C sand, trace silt, tan, WG F-C sand, Title F-C subrown wet
$5/4 = \frac{6}{7} + \frac{5}{3.8} + \frac{6}{10058} + \frac{5}{3.8} + \frac{6}{10058} + \frac{3}{3.8} + \frac{6}{3.8} + \frac{10058}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{3}{3.8} + \frac{10}{10058} + \frac{11}{10058} + \frac{11}$	rk brown silt, wet ark brown WG F-C sand, Frace sit wind gravel k brown WG F-C sand, trace silt, tan, WG F-C sand, Title F-C subrown wet
	tzn, WG F-C sand, trace silt, wet
5/3.5 $5/3.5$ $5/3.8$ $5/3.$	ark brown WG F-C sand, Frace sitt wind gravel Is brown WG F-C sand, trace silt, tan, WG F-C sand, Table F-C subjection wet
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	wet
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	wet
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	wet
5/3.5 11 $5/3.5$ 12 13 13 14 15 $5/2.9$ 17 16 $5/2.9$ 17 18 20 50 $20 - 22 - 100 Se, 12$ $5/3.8$ 21 50 $20 - 22 - 100 Se, 12$ 20 50 $20 - 22 - 100 Se, 12$ 20 50 $20 - 22 - 100 Se, 12$ 21 50 21 50 21 50 $22 - 25 - 100 Se, 12$ 22 50 $22 - 25 - 100 Se, 12$ 23 50 $22 - 25 - 100 Se, 12$ 23 50 $22 - 25 - 100 Se, 12$ 23	
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	Fill For Vic Fill Some
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	bround al
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	Brounded gravel, wet
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	7.4 186
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	are well for send, little
$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	nded gravel, wet
20 50 20-22-1005e. 21 Subrounded g 22 SW 22-25-1005e, to 23 F Subrounded e	.
20 50 20-22-1005e. 21 Subrounded g 22 SW 22-25-1005e, to 23 F Subrounded e	
$\frac{2}{23} = \frac{5}{5} \sqrt{\frac{22-25-1005c}{f}}$	
$\frac{2}{23} = \frac{5}{5} \sqrt{\frac{22-25-1005c}{f}}$	2n, PG M sand, little F
$\frac{23}{5W} = \frac{1005c}{t} + \frac{21}{5} = 1005c$	avel unt
E Subranda	
54 brounder	, cifile
24	gravel, wet
25 00 100 0	0 /
5/1.9 25-30 - looce, gr	cyish tan, when Fic szind, inded gravel, wet
little F subron	inded supply wet
28	
29	
Monitoring Well Construction Information	
Bottom of Monitoring Well	
Stick Up or Flush Mount: N/A	Soil Vapor Point Installation Information
Riser Interval:	Depth of Soil Vapor Point:ft Bottom of Tubing;ft
Bentonite Seal: To ft bgs	Depth of Soil Vapor Point:ft
Grout Interval: To ft bgs	Depth of Soil Vapor Point: ft Bottom of Tubing: ft Top of Sand Pack:
Logged by: 1BL Drilling Contractor: LAWES	Depth of Soil Vapor Point: ft Bottom of Tubing: ft Top of Sand Pack:

	R				Acciliato	Job. No. Client Projec				0.11.12	oring Number:
		EA Engin	neering, l	P.C. and It echnology	s Affiliate	Drilling Method:				Soft Bo	Jung traine et
-						Sampling Method:				Sh	neet 2 of
inates		DIL BORING	LOG Easting:							1	Drilling
e Ele	vation:			_		Water Level:	2010	-		Start DATE:	Finish DATE:
g Belo	ow Surface:	_	_			Time:			-	TIME:	TIME:
ence I ence I	Elevation: Description:	-				Date: Surface Con	ditions:			1.23 E	
w	Ft. Driven/	Boring	PID	Depth in	USCS Log		2			100.00	
-lb)	Ft. Record	Diagram	(ppm)	Feet	1	Temp	n PG	F-Ma	sand	1, trace	F gravel,
_				30	SA		11				, v
	5/1		1.0	31	SP	30-35					
	11			32		-					
-			-	33		-					
			-	34		-				6.0	A 1. HL.
			-	35	Cut	35-40-	loose,	trin	WGF	-C 230	a, hune
	1		-	36	19W	E-MA	Subrin	inde	l gra	yel	d, little
	5/4		-	37			00000		0		
	'			1.1.2							
	1			38					-		
-			-	39							
	-			40							
	4			41		-					
				42	(-					
	-		-	43			34.4				
			-	44							
	-		1	45							
	-			46							
	-										
_	-		-	47							
-				48	1						
				49							
				50		-					
			-	51							
			F	52	-						
-			-	53							
				54							
	-				1. 1. 1. 1.						
				5							
				5	5		1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -				
-	-		F	5	7						
				5	8	-					
	_		H	-	9					Point Installation	Information
			Monitorin	ig Well Cons	truction Informa	tion			Depth of Soil Va	apor Point:	ft
	Datte	itoring Well D om of Monitori ick Up or Flusl Screen	iameter: ng Well: Mount: Interval:	ft	in bgs To To	ft bgs ft bgs			Bottom	of Tubing: Sand Pack:	ft ft
		Sand Pack	Interval: Interval:		То	ft bgs ft bgs					
		Bento	nite Seal: Interval:		То То	ft bgs				5/9/22	÷
-	_	Logged			LBL				Date: Driller:	Scott P	+ Dedirson
			Contracto	or:	LAWE	5					

	EA Scie	ence and T	echnology	s Affiliate	Project: DEUS Drilling Method: DPT - Geoprobe	Soil Boring Number:
Coordinates:	SOIL BORING				Sampling Method: Macro Conce	15B-B4
Surface Elevation:	lorthing	Easting:				Sheet 1 of (
Casing Below Surfac					Water Level:	Drilling
Reference Elevation: Reference Descriptio			_		Time:	Start Finish DATE: 5/14 DATE: 5/14
Blow		Los	Depth		Date: Surface Conditions: Contracts	TIME: 0720 TIME:
Counts (140-lb) Ft. Driven/ Ft. Recov.	Boring Diagram	PID (ppm)	in	USCS Log	Weather: 55°F, SUNN	V
(11010)			Feet	MAI	Temperature:	1
1	A			ML	-0-5 - Loose brown silt s	some gravel.
5/5			1		- large blue vis vas	stores lini
/		-	2		(gravel components zie	stares, dry
			3			mostly vip ra
			4			
			5	5.1	7.2 5-7-75-loose, brown, WG	
		-	6	SW	tate to be t	F-C sand, se
2/4					Tail frown Silt, some F-C	gravel, moist
/			7	SN	dave brown Silt, some t-C 7:2-7.7 7:3-5- loose, greyish tan, we suborounded grad moist 8:1-12-10000, brown, we f-C	G F-C sand lift
		1	8	SW	8: 2- H2- 100 se, brown, w6 F-C	2nd trace in
		_	9	CP	L' WIL OF CLEAR, VIVIVIL, MI	
		-	10	SW	98-10- Wose, brown, WG-F-C	r, r sand, trace b
			11		The 10- Leose, Brown, WG-F-C	sand, trace rk
			11	SVU	gravel, little F brown silt	- sznd, little F-
53.6		1 . <u>1</u> .	12	2.1	2 2-12 2 inde to brown silt,	wet
		-	13	SW	ver 13.7 - ivese, darb tan, was	F-C sized, trace
	5-6-7 S	-	14	SIAL	13.2-15 - (cose agritch +2	where t
			15	5.1	13.2-15 - leose, gravish t2n, Subrounded gravel, we 15-20-1005e, t2n, wh F-C 52 gravel, weit	t sized, t
			16	JW	15-20 - lose, tan, wh F-C sz	nd, little F-C
===		1	-		gravel wet	
		-	17			
			18			
		_	19	-		
C			20	c. I	26.25 1	-
1	10		21	SW	26-25-loose, tan, wG F-Cs:	and, little F-C
5/0 /	-		22		gravel, wet	
<u></u>			100			
		1	23			
		1-9	24			
		1	25 0	SIAL	25-30 - 10000 +2 10 1016- E	
		0 . 6	26		Subse, ran, wert-	- szind, little
-)	H		27		25-30 - Loose, tan, WG F- Subrounded gravel, we	1
	-				a	
		2	28			
		2	29			
Monitoring	Monitorin Vell Diameter:	g Well Const		rmation	Soil Vapor Point Install	ation Information
Bottom of Mo	nitoring Well:	in ft b			Depth of Soil Vapor Point:	ft
S	Flush Mount: reen Interval:	T	io .	fi	bgs NAA Bottom of Tubing: Top of Sand Pack: Top of Sand Pack:	ft
	Riser Interval: Pack Interval:	T	ū	ft	t bgs	ft
1	entonite Seal:	To To	0	ft	bgs	SIA
	rout Interval:	To		ft	bgs	
	gged by: lling Contractor:		LAWF		Date: 5/1	4/24
DI	mig contractor:		LTW	-5	Driller:	NA Carles

50 -tak

	R		1.11	a contractor de la cont	Job. No. Client:	NYSDEC		Location:	
	EA Engi	ineering, nce and T	P.C. and I Technolog	ts Affiliate v	Project Drilling Method:			Soil Boring Num	ber:
				,	Sampling Method:			Sheet 2 of	
ordinates:	SOIL BORING		-		Samp mg			Drilling	0
rface Elevation:					Water Level:				Sinish Sli4
sing Below Surf ference Elevatio					Time:	1111		DATE: 514 DATE: TIME: TIME:	3/19
ference Descrip	ion:		Depth		Date: Surface Condi	tions:			
ounts Ft. Drive		PID (ppm)	in	USCS Log		ather:			
40-1b)	Dingram	ur-y	Feet 30	Cal	30-35 - L	ocse, ta	n, wa	F-C sand, tiz	UF-M
-sh		-	31	SVU	Sallacard	0.0	avavel.	F-C sand, the	
P`	p	1	32		Surrow	real .	10-0-1		
/									-
			33						
			34		-	lass ba		E Card Li	+11. 5 .
		-	35	SW	- 35-40-	rose re	in, wG	F-C sever, 1	ttk F-1
5/3	5		36		Subrow	ndel a	gravel.	F-C send, T.	
P	ŝ.	-	37		-		,		
		-	38		-				
		-	39		-				
		-	40	1					
			41		-				
	101		42				-		
			43						
			44						
			45						
			46						
	13	-	47		_				
		-	48		_				
		-	49						
		-	50						
		-	51						
		-	10.000		-				
			52						
			53		-				
1			54						
			55	-					
		-	56	-				· · ·	
		-	57		5 1				
		-	58	1	_				
		-	59		-				
122.5	11	unitoring W	Pp	tion Information				Point Installation Information	
Мо	nitoring Well Dian	eter:	in		1			of Tubing:ft	
	om of Monitoring tick Up or Flush M	ount:	ft bgs	_	the N/A		Top of S Top of Bent	Sand Pack:ft tonite Seal:ft	
	Screen Inte Riser Inte		To To		ft bgs		and the second		
	Sand Pack Inte Bentonite	erval:	То То		ft bgs ft bgs			NA	
	Grout Inte		То		ft bgs		D	Elistral	
	Logged by:			LB	65		Date: Driller:	Kostin Mictour	4
	Drilling Co	ntractor:		4 W				1.0	/

E		EA Sci	ence and	g, P.C. aı I Techno	nd Its Affiliate logy	Job. No. Drilling Met	Client: Project: hod:	NYSDEC D.J.J.		robe	Stup+	ocation: Shop b ring Number: S-BS
		DIL BORING		g:		Sampling M	/ •	MACVE	Cin	rl	She	et 1 of 7
Reference	e Elevation: e Description:			Depth		Water Level Time Date:					Start DATE: 5/14 TIME:	Finish DATE: 5//t TIME:
Counts (140-1b)	Ft. Driven/ Ft. Recov.	Boring Diagram	PID (ppm)	in Feet	USCS Log	1	e Conditions Weather Femperature	- Sunn	1			
	61		-	0	ML	Louse H	Jark 11:	Silly Son	rd, sor	ne from	moist. (1	yanx mil
	15			2		-			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, with the second secon	moist. (1	(*-5')
				3								
		~~~~		5	SM	1.2-7.	DLoose	. Darte si	thesend	5 Emi a	and little	ine pro-Han
	2.85		0	6		_ mover				1	, 0	
-	512.3		0	8	SA	Winiden	T LOOS	chosteun p	, si uny :	-7 Dark	stammy	turbed.
				9 10	SW-	12-10	VI II		- mine ] 504	drand .	110:21	
-	3/5-			11							ef-csub	
	513			12	SW	SUBJOU	rded of	rand, ve	vet	S.m.l.	little E-	C
				14						_		
	5/2			15	SW	18-20	) Low	sc, tru	n,WI	SF-C	Sand Ir	4-10
	-15	ł	-	17	<i>v</i> .	F-LSU	Srovnd	led gr	wel,	wet		
		F	1	18 19								
			-	20	611	27.4-20	i) (		111		1	
	Shi	F		21	JW (	SUBrounde	il prov		WGF	E Sm	d, little	F-C
	140			22								
		>	-	24								_
(	5/	-	_	25	SW_	(26.2 -	29.3)	Liesse,	tan, V	VUF-	( Sand	, little
_	13.1			27		FC J	00/01	mergr	mel,	wit		
		-	_	28					1			
M	Ionitoring Well I	Diameter:	-	in	Information	1		D	Soil Vapor I	Point Installat	ion Information	
ВС		h Mount: Interval:		t bgs		t bgs NN	+	Del	Bottom	of Tubing: and Pack:	ft ft	1
	Sand Pack Bento	Interval: Interval: nite Seal: Interval:	=	To To To	f f	t bgs t bgs t bgs t bgs t bgs			N/4	A	ft	
	Logged	by: Contractor:	_	-	TM HES			Date		5/10	Had	-

	EA Engine EA Science	ering,	P.C. and I	ts Affiliate	Project: Drilling Method: DPC	- Geo		Stop 15hop BrokeLat Soil Boring Number: ISB - BS
EE	4		echnolog	y	Sampling Method:		-	Sheet 2 of
	OIL BORING LC				Sampring Method: 10000	0 01		Drilling
Elevation:		-					- 12	Start Finish
Below Surface:					Water Level: Time:			DATE: 5/14 DATE: 5/14
nce Elevation:	-				Date:			TIME: TIME:
nce Description:	1	-	Depth	12 37 - 1	Ourset and	GASS		
v Ft. Driven/ ts Ft. Record	Boring Diagram	PID (ppm)	in	USCS Log	Weather: Temperature:	K N UP		
b) rt. Record	Diagram	ur	Feet 30		711 347.)	ne to	n W/A E-	CSmd little FC
-				SW	21.1 101-14	1	1	csmd, little F-C
-51,			31		- Subroundel gr	wel,	Wet	
= 3/3.6			32					
			33					
			34					
-		_			1. 1.311.	noes 1	11/25	C. I little
			35	561	(34.6- 20) LO	ind, F	mort	- c soud, little
- 5/2 11			36		F-C Subrown	nled of	mel, we	h.
15.9			37			V	,	
	9	-	38					
						-		
_			39		· · · · · · · · · · · · · · · · · · ·			
			40		-			
			41					
			42					
-				1				
-		-	43		-			
		-	44		-			
_		-	45					
		-	46	1000				
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			47	1				
-	6 m m - *	1	48	-	-			
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		-	52					
		-	53					
		-	54	-				
			55	-				
			56					
		-	57					
		-	58	1	-			
				-		-		
			59	-		-	0-011	Point Installation Information
	Mon	itoring V		uction Informatio	n	-	Soil Vapor Depth of Soil Va	por Point: ft
Monito	oring Well Diamet of Monitoring W	ter: ell:	in ft bg	s			Bottom	of Tubing:ft Gand Pack:ft
Stick	Up or Flush Mou	int:			ft bgs	1	Top of Bent	
	Screen Interv Riser Interv		To To		ft bgs			all
	Sand Pack Inter-	val:	To		ft bgs ft bgs			
	Bentonite S Grout Inter		To		ft bgs			
				HM			Date: 5	Cert McCourty

EA Eng	gineering, P.C. and Its Affiliate ence and Technology	Job. No. Client: NYSDEC Project: DZ45	Location:
		Drilling Method: Direct Resh (NPT)	Soil Boring Number:
SOIL BORING Coordinates: Northing		Sampling Method: Macrocore	15B-B8
Surface Elevation:	Easting:	. menocore	Sheet 1 of Z
Casing Below Surface:		Water bevel:	Drilling
Reference Elevation:		Time:	Start Finish
Blow	Depth	Date:	DATE: 5/24 DATE: 5/2 TIME: 1/23 TIME:
Counts Ft. Driven/ Boring (140-lb) Ft. Recov. Diagram	(ppm) in USCS Log	Surface Conditions: Gradsy, daa Weather: Wind WNW 2 Temperature: 77 - 2000	20
(-10.10)	Feet	Temperature: 77 F, partu	mon
	01	0-5 - loose, dark brown	VG CECard in
5/2	1	0-5 - loose, dark brown, 1 gravel, little organic	matter traine sith si
()	2	(sandy organics	andesin, h
	3		in with grower)
	4		
	5 SIN		
	5 SW	5-59- loose light briwn, wa	F-CSandinth ma
5/			
5/1.3	7	5.9-9-100 21 dad har in 1	the suit wast
	8	F-cgravel subround ed	wet wet little i
` Z	9 1111	89-9-10056 dark brown/black F-09rovel subrounded 9-10-WG F-C Subrounde M-C Sand met 0-15-losse light brown, WG WG F-C Subrounded g	ed gravel with light a
	Gill	1-9.4- Our Sandymet	· · · · · ·
	10 S.W (	0-15- Prose light 1 and the	C brown/black #
51	11	WG E G ENON, WG	F-CSandwith Sor
- 1/10	12	t si f-c subrounded g	raveliwet
-/3.			
		3.2-15- color change to the	1
	15	5-20- loose, tan WG M-C = F-C subrounded grave	
-1	16	E C Silveria dad	sand, with some w-G
-733	17	1== - wrown dea gran	equet
	18		
	19		
	1	23.0 2-35- Roose, ton, WG M-	
	20 SIN 20	2- Dete - PODSE tan WG M-	r
	21	- CO Los Hory bar Pie	-Sundy-trace gravel.
-75 -	22		
<b>_</b> '	23 0 1 0		
	24	With some WG F-C subri	1-tan, NGM-C -
		with some WG F-C subri	under around une
	25 SW 212	1-29.2 - loose, tan, was	
	26	in look, IZM, WG	Sznd, sont
-9/4.2	27	WG F-C subrainder	grzvel wit
	28		1 July vice
	29		1
Montoring well Diameter:	Vell Construction Information	Soil Vanor Pair	t Installation Information
Bottom of Monitoring Well: Stick Up or Flush Mount:	in ft bgs	Depth of Soil Vapor I	Point: ft
Screen Interval:		N/A Bottom of Tu Top of Sand	bing:ft
Riser Interval: Sand Pack Interval:	Toft bgs	Top of Bentonite	Seal:ft
Bentonite Seal:	To ft bgs ft bgs	11/2	
Grout Interval:	Toft bgs	N/A	
Logged by:	C Derrice & L.E.	Backmay-Lowe Date: <	
Drilling Contractor:			

	EA Engine	ering, I	P.C. and Its	Affiliate	Project: DZ	otpuin (OPT)	Behind Captree Place Soil Boring Number:
	EA Science	e and T	echnology		Gree	ostobe	128-88
	OIL BORING LO	DG			Sampling Method: Mar	NOR	Sheet 2 of Z
ates: North	ing	Easting					Drilling Start Finish
Elevation:					Water Level:		DATE: 5/24 DATE: 5/24
Below Surface:					Time:		- TIME: 1(23 TIME:
ce Elevation: ce Description:					Date: Surface Conditions:	wind WNW 2	
Ft Driven/	Boring	PID	Depth in	USCS Log	Weather:	Wind WNW 2	meh
Ft. Record	Diagram	(ppm)	Feet		Temperature:	1 60 1	in the canal
		0.01	30	-	-30 - 34.1 - 1	oox tan 1	unded gravely w
	1.1		31		- little	WG SUM	ounded gravery of
-5/11	1 a 6	1.2	32				
17.1			33	1000			
- '		-	34				
-					35-200 -	Loose, tan	WG F-C send
			35	200	00.000	1000 1 1	WG F-C sends
30.0			36		- 1itt]	e WG sub	brounded grand,
-1		-	37				
5/35		-	38				
- 10.1		-	39				
			- C - C				
			40		Endofbori	19.	
			41		-		
-		-	42		-		
		-	43				
_		-	44				
-		-	45				
		1	46				
	A		47	1.2			
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		-	50				
		-	51	-			
			52				
	4						
			53	1			
			54				
		-	55				
		-	56				
	4		57	_	-		
				-			
			58				
			59			Call Vano	r Point Installation Information
	M	onitoring	Well Constru	ction Informa	tion	Depth of Soil V	/apor Point: If
Moni	toring Well Diam m of Monitoring	neter:	in ft bg:			Top of	f Sand Pack:ft
Stic	k Up or Flush M	ount:	To	-	ft bgs AllA	Top of Ber	ntonite Seal:ft
	Screen Int Riser Int	erval:	То	<u>.</u>	ft bgs	NIA	
	Sand Pack Int Bentonite	erval: Seal:	To 		ft bgs	1.7.4.	
	Grout Int	erval:	То		ft bgs	-lowe Date:	5/24/2024
	Logged by		C. D	erricu	- L. Backen	Driller:	scott pederson

		EA Eng	gineering	, P.C. and	d Its Affiliate	Job. No. Clier Proje	THODLC		Location:
		EA Sci	ence and	Technol	ogy	Drilling Method:	Direct		Behind eaptre
Coordia		IL BORING				Sampling Method:	Geor	obe	Soil Boring Number: 15B-B9
	ates: Northin Elevation:	ng	Easting	-	÷	- mg method.	Mauro	score	Sheet 1 of 7
	Below Surface:				-	Water-Level:	- 1		Drilling
	ce Elevation: ce Description:	-				Time:			Start Finish
Blow	P. Driver	Boring	PID	Depth	-	Date:			DATE: 5/94 DATE: 5/29 TIME: 0725 TIME: 590
Counts (140-lb)	Et Baron	Diagram	(ppm)	in Feet	USCS Log		ather:	1 10 1 10 1 10 m	
				0	SW	rempe	ature: lala	[ n - 1-1	
	1			1		- Lase,	das k t	o mediume	onwn ivg E-C E
	SE			2		with	sone for	province of gro	LVEL, MOIST
	17			3		-			
				12 - 0		-			
14				4		-			
				5	SW	5-7.4- 10050	ton USE	E- C soud w	(Ma
	51			6		7.4-8.2-1	rounded	gravel, mois	ith some way F-C
	5/29		1	7		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	COL VIGOO		
11 - 25 - 1 				8	OL	1	21	TOIST [largeg	Vanel 15 in diam
				9	Cul	10,2-8.6-der	se, clark b	soun/black o	manic motter :
				10		I I I I I I I	9:03 L003	EWG. F-CSU	bround a particulat
				1.100	SW				
	51		-	11		Some	WG F-	C subround	zel gravel, wet
1	5/3.1			12	_		11		La grover, wet
			-	13					
			-	14			_		
				15		15-20-1-00-	1		
	ch	H		16		Loose.	light gra	y to tan, WG	F-C sand with
	5/3.3	-		17	-	some	WG F-C	suprovided	Lgravel, wet
		-	F	100					the second
		L	-	18		18-20-0010	charge	to tan/rish	t brown
			-	19					
			-	20		20-25-Loose	light lor	WA WE F	c sand with little
-	5/			21		WGE	-C subm	unded grav	- sona with little
	13.2	E		22			- 30010	man gian	ci, wet
		-		23					
		-	- 2	4					
			2	1. A.	1				
		-			2	0-30-loose,	mediumb	rown, WG F-	Moundwith
-5	14		2	1.4		little n	ig f-cs	brounded g	ravel wet
1	12		2						
			28	1					
			29		2	9-30-0010-0	nonge te	lahten	hange in sanda
М	onitoring Well Dia	Ionitoring V			ormation		10.00	Soil Vapor Point Installat	hange in sando
Bo	ottom of Monitoring Stick Up or Flush N	Well:	in ft by			41/-	Dej	pth of Soil Vapor Point:	ion Information ft
	Screen In	terval:	То	-	ft b	A/V	1	Bottom of Tubing: Top of Sand Pack:	n ft
	Riser In Sand Pack Ini	erval:	To To	-	ft b	gs	Å.	Top of Bentonite Seal:	ft
	Bentonite Grout Int	e Seal:	To 		ft b	gs	N	119	
	Logged by:		10	0.0	ft by	gs	/		
	Drilling Co			LAI	NES		Date		024
							Drill	er: Scott P	

	R	EA Engin	hooring	P.C. and It	s Affiliate	Project: DZI	US (2DT)	Behind Captree Plaza Soil Boring Number:
		EA Engin	ice and T	echnology	1	Drilling Method: Direct	Prove	ISB-B9
							crocore	Sheet 2 of Z
	SC	IL BORING	LOG Fasting					Drilling
inates: e Elevati		ng					TI	Start Finish
g Below S						Water Level: Time:		DATE: 5/24 DATE: 5/24
ence Elev		-						TIME: 0725 TIME: 0900
ence Des	cription:	<del></del>	1	Depth		Surface Conditions: c	Trass damp	2 mph cloudy s brown, wig f-c sond
	Driven/	Boring	PID	in	USCS Log	Weather:	wind WNW	cloudy
nts Ft.	Record	Diagram	(ppm)	Feet	-	Temperature.	of reedion	s brown, with F-C sand
				30	SW	- 20-31-2005-11	e gravel, we	k.
-	a 1			31		with trac	e gravita	
- 5	1		-	32	C	32.4 Jaior whe	norto medic	on/lightbrown
-11	4.5							
	100			33				
-				34				
-			-	35		35-117-10xce 1	medium briwn	, wg F-ms and , no gra
-			-			- my - would 1	INCOLUMN TO A	
	1			36				
-5	45		1.0	37				
-	1.5		-	- 38				
			-	39				
	_		1					
		-		40		End of boring	).	
			-	41	(	-		
			-	42	-			
		8. I		1				
		1	1	43				
			-	- 44				
				45	V	3		
			-					
				46				
		V.		47	-			
			-	48				
			-	49	-			
-							1	
1				50	1			
				51				
0.57			-	52			1	
						23		
				53				1
				54				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
				55				
	1			Fr	-	-		
				56	-			
				57	-			
	1		-	58	2			
-			-	59	-			
		1					Soil V	apor Point Installation Information
-		1	Monitoring	Well Constr in	uction Informat	aon	Depth of S	Soil Vapor Point:ft ottom of Tubing:ft
	Bottom	oring Well Dia of Monitorin	g Well:	ft b		1	Т	op of Sand Pack:ft
	Sticl	Up or Flush	Mount:	T		ft bgs N/A	Top	of Bentonite Seal:ft
		Screen I Riser I	nterval:	Т	,	ft bgs ft bgs	NA	
		Sand Pack I	nterval:	T		ft bgs		
		Benton Grout I		T	0	ft bgs		5/24/2024
		Logged t			C. Der	rick	Date:	Scott Pederson
6			ontractor		LAWES		Driller:	VUITTE

	cience and Technology	I trilling Mathed I Off	Stop + Shop
SOIL BORI		Drilling Method: DPT - Geoprobe	Soil Boring Number:
Coordinates: Northing	Easting: NAS	Sampling Method: Macro Core	Sheet 1 of Z
Cusing below Surrace:	14rs	Water Level:	Drilling
Reference Elevation:		Time:	Start Finish
Blow E. D.	BID Depth	Date:	DATE: 5/20 DATE: 5/2 TIME: (204 TIME: 13
(140-lb) Ft. Recov. Diagram	PID Depti (ppm) in USCS Log Feet	Surface Conditions: <u>Mophe IF</u> , lot, d Weather: 67°F, SUM Temperature: 67°F, SUM	M
		Temperature: 01 FJSCIA	
6.		0-1100se, dark brown, silty little organic matter, n 1-5-10050 too hug	send, some gran
5	1 SW	Tittle organic matter, n	tion
	3	FULL NO FOUS	and little
	4	subnounded F-m gravel, m	oist
	5	5-10-loose tan WG E-C-	
	6	5-10-loose, tan, WG F-CS FC subrounded grav	and, some W
- 1/25	7	- or the grav	el, wet @ 8.5
0. 2	8		
	9		
	10 7	0-15 1-0-0	
	11	10-15-1005e, tan, WG F-1	nsiched, wet
=5/2	12		
/3			
	1	3-14.WG suprovided gravel	(70%)
	15	5-20-100se, tan, WG F-V little WG F-( sub	Seed al
	16	little WC C C L	r sand, wet
- 18.25	17	and GF-C gub	nounded gra
(0)	18		
	19		
	20 21	0-25 10050 too inc C C	
	21		sand, little WG
5/2,2	22	F-C subnounded grav	rel, wet
-144	23		
	24		
	25	-30- loose true wir E-r	-
-5/2	26	WG E-C SHOWL	sand, little
/5]	27	WG F-C subrounded	gravel, wet
	28		
	29		
wontoning well Diameter	Well Construction Information	Soil Vanas Daio ( 1	
Bottom of Monitoring Well: Stick Up or Flush Mount:	ft bgs	Soil Vapor Point Install Depth of Soil Vapor Point:	ation Information ft
Screen Interval:	To ft bgs	N/PS Bottom of Tubing: Top of Sand Pack:	ft ft
Riser Interval: Sand Pack Interval:	To ft bgs	Top of Bentonite Seal:	ft
Bentonite Seal: Grout Interval:	To ft bgs	N/D	
Logged by:	<u> </u>	V	· · · · · · · · ·
		Date: 5/32	

	EA Engineeri EA Science a	nd Tech	nology		Drilling Method: DPT #	Geoprobe.	Soil Boring Number: 13B-C1
so	DIL BORING LOG				Sampling Method: Macro	A <del>le oprobe.</del> Geoprobe.	Sheet 2 of Z
	ing Eas	sting:	_				Drilling Start , Finishy
Elevation: Below Surface:					Water Level:		DATE: 5/20 DATE: 5/20
ce Elevation:	-				Time:		TIME: 1204 TIME: 1325
ce Description:		1.0			Date: Surface Conditions:		
Ft. Driven/		ID	epth in	USCS Log	Weather: Temperature:		
S Ft. Record	Diagram (pr		eet	01	22-35 Dasa	In MAR	-1 sand, trace
		-	30	SW	- 20-00 - LOWE , T	WI, WOF	Cor col Mrc
-			31		WG F-W	1 supround	-l Sond, trace uedgravel, we
-51	-	-	32				
5/2.2		-	33				
			1.11				
			34				- 1 leace 12)G
-		-	35		-35-40-lase, to	n. WG F-C	Sand, Trace 100
7	F		36		E-MSI	bounded	Sand, trace WG Gravel, wet
-5/	-		37				
- 13.6							
			38				
		-	39				
		-	40				
-			41			and the second second	
-					-		
	L 1	-	42				
		-	43		_		
	1 1	-	44				100 100 100 100 100 100 100 100 100 100
	1 1		45				
		Ē					
	1 1		46				
			47				
		-	48	1	_		
	W 6	-	-19		-		
		-					
			50				
			51	-			
		-	52				
-	11.11						
			53				
			54	-			
		-	55				
		-	56	1			
		-		-			
			57				
			58				
		-	59				the the talamation
	Maril	toring We	Il Construc	tion Informa	tion	Soil Vapor I Depth of Soil Va	Point Installation Information por Point:ft
	oring Well Diamete	er:	in			Bottom o	of Tubing:
Moni	n of Monitoring We k Up or Flush Mour		ft bgs		. la	Top of S Top of Bent	and rack.
Battor	Screen Interve	al:	То		ft bgs N/A		. /.
Battor			To		ft bgs		ALIN
Battor	Riser Interv	al:	To				10/M
Battor		val:	To To To		ft bgs		00/15

EA So SOIL BORIN Northing		Job. No. Client: NYSDEC Project: DZUS Drilling Method: DOT - Geoproble Sampling Method: WO2655	Location: Stop + Shop Plzzz Soil Boring Number: ISB - C2
urface Elevation:	Easting:	Sampling Method: MZCr3 Core	Sheet 1 of 2
asing Below Surface: eference Elevation:		Water Level:	Drilling
eference Description:		Time:	Start Finish
Blow Ft. Driven/ Boring	Depth Depth	Date:	DATE: 5/20 DATE: 5/20 TIME: 07(0 TIME: 0990
Aunts Ft. Recov. Diagram	(ppm) in USCS Log	Surface Conditions: 25phzH 157, dr	TIME: OTIO TIME: 0900
	Feet	Weather: 55 FISUNAY Temperature:	1
	01/	0-0.5-loose, darb brown, silty. little organic matter	sand
55	1	little organic matter, moist	E some gravel,
_ /	2 50	0.5-1.5-10000 +0.000	
	3	E-M. , Tan, WG F-C	sand, little Subrow
	4 61.1	P.M. grzvel, moist (constru 1.5-5.0-100se, tan, WG F-C	ction sznd)
	5 Cut	1.5-5.0 - 100se, tan, who F-C 5:2, 5-10 - 100ie +-	al little steland a
1	- SW	5-10 - looie, tain 101	they unit of Ship rating g 22 ve
23.2	6	5-10 - 1001e, tzin, with F-( F-( Subrounded gra	sand, some we
3	7	- Dubrounded or	wet wet
	8	3	
	9		
	10 5111	0-15 - 100 se tan will be	
1	11	WG F-C subroundal	- sand, Little
-5/21	12	WG F-C subrounded grz	wel wet
13.1		V	
	13		
	14		
	15 CLALI	S-20 - Look, tan, WGZ F- WG F-C subrounded	
7 I I	16	= 20 = look, tan, WG F-	C sznd, 1:Hle
5/2 -	17	WG F-C subrala	1 Junity Mille
-2/3	- 17	Subroundled	gravely we-
	18		
	19		
	20 0 10		
	21 500 121	0-25 - loose, tan, wh F-C 5-2	nd, little WG
5/28	21	F-CCL	11 = = =1
12:0	22	- Subremoled grav	elwet
<u>н</u> Г	23	9	
	24		
	25 27 6		
4 I L	28	-28.3- 100 xe lara	15 4
	26	w/2 E AA	F-C Sand Little
Þ/4 F	27 26	WEI F-IVI subrounded go	avel
	28	3-30 - Loose, brown	EC. I
		one WG M-C all	a t-c sizual
		Silbro	unded gravel
montoring went Dametar	Vell Construction Information	Coll Var. Proven	J
Bottom of Monitoring Well-	inft bgs	Soil Vapor Point Installatio	
Stick Up or Flush Mount: Screen Interval:		Bottom of Tubing:	ftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftft_ft
Riser Interval: Sand Pack Interval:	To ft bgs	NA Top of Sand Pack: Top of Bentonite Seal:	ftft
Bentonite Seal:	ft bgs	1	ch
Grout Interval:	To ft bgs ft bgs ft bgs	N I	¥4
Logged by:	LBI		
Drilling Contractor:	LAWES	Date: 05/7/	

weiter

oordinates: urface Elev Casing Belov	ation: w Surface:	ing	<u>8</u>			Water Level: Time:			Start         Finish           DATE:         5/20         DATE:         5/20           TIME:         07/0         TIME:         0900
eference El leference D	evation:	_				Date: Surface Condit	ions: 25ph21	+ lot, dry	The Orite
Blow I	t. Driven/	Boring	PID	Depth in	USCS Log	Wei	ther: 55°F	Flot, dry	
Counts (140-lb)	Ft. Record	Diagram	(ppm)	Feet 30		30-35- (	0050,+7	in, wich	F-C sznd, trze rzvel, wet
			-	31		WG F-M	1 subrou	unded q	rzvel, wet
	5/			32		-		0	
	12.9		-	33					
				34					A 1.14
				35		35-40 -	loose, tz	n, wich t	=- C sand, lit
1		1	-	36		ING	F-M	subrow	=- C sand, lit
	1		1	37					0
	5/34		-	38					
	1		-	39		_			
		-		40					
		_	-	41					
			-	42					
		·	-	43					
			-	44					
	-			45					
	-		-	46					
	-	1	1	47					
	-		-	48					
	_		-	49	-				
1	_		-	50					
	-		-	51					
			-	52					
	~		H	53					
			-	54	- 11				
	_		-	55					
-			-	5					
-	-		1	1200	7				
			F		8				
-	-		1	1.1	59	-			
	-	1	Vanitaria	-	truction Inform	ation		Soil Vapor Depth of Soil V	Point Installation Information apor Point:ft
	Mor	itoring Well Dia	ameter:	100 B	in bgs	.1	In	Bottom	of Tubing:ft
	Patte	om of Monitorin ick Up or Flush	g Well: Mount:	1.00	То	ft bgs	m		tonite Seal:ft
		Screen I Riser I Sand Pack I	nterval:		To	ft bgs ft bgs			N/A

		EA Sci	ence and	g, P.C. an Technol	d Its Affiliate ogy	Job. No. Clie Proj Drilling Method:	ect: DZUS		Location: Ace Mardwar
		SOIL BORIN				2 3 C	(Senamp)	ousn (DPT)	Soil Boring Numb
Coordina Surface F	ites: Noi Elevation:	rthing	Easting			Sampling Method:	Macrow	ire	158-03
Casing B	elow Surface:	-			2			1.000	Sheet 1 of
Reference	e Elevation: e Description:	-			-	Water Level: Time:			Drilling Start Fir
Blow	T		-			Date:			DATE: 5/23 DATE: 4
Counts (140-1b)	Ft. Driven/ Ft. Recov.	Boring Diagram	PID (ppm)	Depth in	USCS Log	Surface Cond		nalt, dry	TIME: 0707 TIME: 0
1		0	(rran)	Feet		Tempe	rature: 63	F MOSTH	
-	F- 1			1.1.1.1.2	CH	0-5-50	nely orga	nic soil with	ouchy gravel, loose, do
	5/5			1		60	un, rith	Sound, some	- gravel, some
-	10			2		-	gorn crn a	itter maist	5
			-	3	_	-			
			-	4					
-	1			5	SM	5-10-100	black	Y	
	-1			6		715	se dar	e, silty schol	, saturated a
	5/			7		matt	er bys; s	ione gravel	, suturanted o
	62			8					
	2.0					1			
				9			1997		
			-	10	-	10-12.5-1005	e dance i	00000-1110	
	5			11		we	F	210001/21149 2	and, some gra
1	3.4	1	_	12					
		Ē	-	13		E a	we tan	WG F-C Sar	id, some WG
		t		14		F=10	subri	makel grower	id, some WG
				15					
	1	-	-	16		13-20- las	e, tan, u	G F-C sand	toonewig F.
5		+		17		Sub	rounded	gravel, web	t
/	3.2	H		18	-	1.00			
		-	-	-					
			_	19					
			1	20	2	0-25- 1003	tra 11	ret	
- 5	1			21		Suban	Solda a	i F-C sand, su avel, wet.	ome WG F-M
= 5	3.		- 1	22		0-010	a new ch gr	aver, wet	
	>.		2	3			_		
			2	4					
			25	5		<u> </u>			
-	/		26		2	5-30-loose	tan WG	F4Sand sol	me UIBEAM
-D/		-	2. P			846422	inded gra	id, ult	me WGF-M
-14	2	_	27						
			28	1					
			29						
Mon	normig vyen Di	Monitoring W ameter:	ell Constru in	uction Infor	mation			Soil Vapor Point Installatio	
Botto	m of Monitorir k Up or Flush	ng Well: Mount:	ft bg	s		NA	Dep	th of Soil Vapor Point:	n Information ft
	Screen I	nterval:	To	_	ft bg	s		Bottom of Tubing: Top of Sand Pack:	(1) ft
	Sand Pack In	nterval:	To To		ft bg ft bg	s		Top of Bentonite Seal:	ft
	Bentoni Grout Ir	te Seal:	To To	1	ft bg	5		NIA	9-21
	Logged by			0	ft bg:			/	
	Drilling Co	ontractor:		IA.	Dernich	L	Date:	_5/23/2	02.4

R			Acciliato	Job. No. Client: NYSDE Project: DZU	-	Ace Mardware Lot
	EA Engineering, EA Science and	P.C. and Its	Affiliate	Drilling Method: Direct	Purn (DPE	Soil Boring Number: 15B-C3
= (-)	EA Science and	Technology		Sampling Method: Macro	x	Sheet 2 of Z
S	OIL BORING LOG			Sampling Method. 74000		Drilling
	ing Easting.					Etart Finish
e Elevation:	1			Water Level:		DATE: 5/23 DATE: 5/23
Below Surface: nce Elevation:	2			Time:		TIME: 0707 TIME: 0545
nce Description:		Death		Surface Conditions:	sphalt, dry	
W Ft. Driven/	Boring PID	Depth in	USCS Log	Weather:	301, mo	sty avoidy d, with little grund, wet
lb) Ft. Record	Diagram (ppm)	Teer	0.1	20-25- Lase too	Wh F-A san	dy with little gove wet wet
	1	30	SW	- 30- 33- (0000, 100,	vogi ei	
-1		31		-		
Sha		32				
13.8	-	33				
			-			
		34			ALC C C SA	nd, with frace gravel, w
		35		-35-40- Roose tai	ing resa	
-	-	36				
CI		37				
->/,		1		1		
- 19		38				
		39				
_		40		End of soil winn	1 =	
		41				
		42	1			
		43	-	the second states		
		44				
		45				
		46				
		47				
		48	1			
	-	49	-			
			1			
		50				
		51				
		52				
		53	-			
		54				
		55				
	1 1	56				
		57				
	1	58	-			
		59				Vapor Point Installation Information
	Manilar	ing Well Constr	ruction Inform	ation	Depth of	Soil Vapor Point:
Mor	itoring Well Diameter:	in	1	11/10		Bottom of Tubing: ft Top of Sand Pack: ft
Dall	om of Monitoring Well: ick Up or Flush Mount:	ft b	ogs	N/M	Тор	of Bentonite Seal:ft
St	Screen Interval:			ft bgs / /		1/10
	Riser Interval: Sand Pack Interval:	T		ft bgs		MM
	Bentonite Seal:	т	To	ft bgs ft bgs		5/23/2024
	Grout Interval:		Го	0		

	$(\Delta)$	EA Eng	ineering	, P.C. an	nd Its Affiliate		Project: D	IZUS		Schools	ozill held	
		1		l Technol	ogy	and the second se	hod: Geop	probe	DPT	Soil Bor	ring Number:	-
rdinates		SOIL BORING		ár.		Sampling Me	ethod: ma	acro	core.	1515	-DI	_
ace Elev	vation:		_			12.1					et 1 of	
	w Surface: levation:	-			<u>-</u>	Water Level:	1.000			D Start	Drilling Finish	-
	escription:				<del>.</del>	Time:	1000			DATE	DATE: 58	-
	t. Driven/	Boring	PID	Depth	the second se	Date: Surface		av255	y ball field	TIME: 1045	TIME: 1240	
	Ft. Recov.	Diagram	(ppm)	in Feet	USCS Log	/	weather:	CIONC	XX	d		-
-			17	0	GM	0-1935	- 10050	63F	- larann	2		
t	-1		-	1	Gin	1.5.6	1000	10000	e brown s	andy sil	H, source	
	15			2		-1/-	upani	jular	gravel, tr	zee orga	mic mail	ier,
					SIN	-0-0-5-	icose,	, wow	n,F-C sau	nd, some	F-C	
				3		Sulove	under	1 grz	vel, trace	L F-C bri	SWVL SI (+	-
				4		wzAe	r @ 4	IS'b			2	-
_				5	GIAL	4.5-	Inosp	aup vi	the train will	=	1	
- 5	hay	2	$\vdash$	6	000	-1-1	iver	gren	sh tan wG	1 1-1 2/2	ind, some	
- 1	2.1			7		FTCS	ubroun	ided	gravel, u	sety		
-		/	1	14 C 2 2 3 3	SW	1.1.8.4	- loose	L gre	gravel, w yish brown	F-C sup	Founded	d gr
		/	F	8			- we	FTC	Sand .	N Ch II		
-		/		9	SW	8.2-10 -	100%	grey	b. grave	UG F-C	that Is	her.
-		-		10	CIL	WG.F.	NG/F-	th' sui	D. grave	1, wet	pana, "	THE
-5	1-2	1	-t	11	200	Y . LH	V.5.5	10050	- , greatest T.	2n wh	F-C sa	nd
-1	3.8	1	$\vdash$	12	3	little		. Subr	ounded a	graveliu	vot	
-		]	F-F			1	1					l
			L-	13	SP	13.3-14	9-10,r	ose, w	rewripg	F Szrich,	trace Fs	libe
				14	Sin	1411-15	- logse	NYON	WA. WG F-	(szind,)	HIPE	L
	-		F	15		15/20-11	gra	Jel.	brown WG	0.000000	itin t	SHE
-	.1	t t	-	16	SW	Culavas	0.0	ark.	brown wg	F-C 52	ind, litt	le:
DI	20	ł		17		Sustan	-cled o	1200	el, trace	brown F	= silt.	
1.	2.0	ł			4						(	0
				18		1				3		
			F	19						1 SK		
		1	-	20	SW	20-25 -	Incse	120	brown 1 gravel, tra			
5/	hi	F		21	SM	E-r C	10000	1000	brown 1	NG F-C	sznd,	trz
- 1	٦	- F	-	22		L C Se	roron	ind, c	Iravel, Ira	ace bra	F Si	14
		÷				5.0						10
1				23								
-			-	24		25-28						
			F	25	<p !<="" td=""><td></td><td>1-050</td><td>dark</td><td>brown PG</td><td>6 12</td><td></td><td></td></p>		1-050	dark	brown PG	6 12		
1-1		F		26	31		ilt, n		brown (C)	r sand	d, trzie	
PL	1.1	F		27				184				
11	.7	H		1000				3				
1		-		28	200-1	28-28.6 gravel, ti	-luose,	d'2vb	brown WG	F-M SZN	d, little f	Fu
			-	29	RSP 2	28.6-30-	10950	dark	brown PG	F 52nd		
Mon	itoring Well	Monitoring			nformation		5.14	tizee	F g v 2, viel Soil Vaper Point Install		, trace b	prov
Botto	m of Monito	oring Well:		in ft bgs		1/0		De	epth of Soil Vapor Point:	ft		
500	ck Up or Flu Screer	sh Mount:		To	A	JIH			Bottom of Tubing: Top of Sand Pack:	ft		
	Rise	er Interval:		To	ft l	t bgs t bgs			Top of Bentonite Seal:	ft		
	Bento	k Interval:		To		bgs bgs			17	Nn		
	Grou	it Interval:		То		bgs			N	100		
	Logged	1 by:	L	BU				Date	-10	to the		

-	7-	EA Scien	ce and T	Fechnolog	ts Affiliate y	Drilling Method:				211010	ing Number:
-	61	DIL BORING	LOG			Sampling Method:				She	et 2 of
ordinates				_					F	D	rilling
rface Elev	vation:	-				Water Level:	1.0			Start	Finish
	w Surface:					Time:	- 7 1		1	ATE: ME:	DATE: TIME:
eference E eference I	levation: Description:					Date:			11	ME.	THIL.
Plan	Ft. Driven/	Boring	PID	Depth	USCS Log	Surface Con	In ath an				
	Ft. Record	Diagram	(ppm)	in Feet	USCS LUg	Temp	erature:	greyish		PG	-
140-10)				30	SP	30-33.5	· lorse,	CHE V	orown	WEER E	E szud,
	- 1-		-	31	01	trace F	Jovann	silt	, wet		
	5/2.0			32						_	1
1						22 5 . 75	1 - 100	ce ved	dishl	Drow	n PG FS
1				33	SP	the second se	. 0 100	2-1			
-			1.20	34		wet					-
			-	35	SP	35-40-	locse, v	eddici	n t z i	n rG	Fszue
	5/3.5		-	36	01	- vet					
-	10.0		-	1		5-6-7					
				37							
				38							
				39		-	-				
			-	40							
			1	41	-	-					
				41		3					
				42		-					
				43		-				-	
			-	-44							
1				45		1					
-											
	1			46	12000	-					
				47	1						
			1	48	-						
	1		-	49							
	-										
	1			50							
				51							
	-		-	52							
	1	1	-	53							
	-	0	-	1.000	-						
	-			54		1					
		1		55	-				_	_	
			-	56	1						
			-	57	1						
				58							
	_			59	-			14.5	. Bitt	tellation Inf-	rmation
-	_	Mo	onitoring	Well Constru	uction Informatio	n /		Soil 1 Depth of	Vapor Point Ins f Soil Vapor Poin	t:	ft
	Monitor	ring Well Diam of Monitoring '	well:	in ft bg	5	WA		1	Bottom of Tubing Top of Sand Pacl	5	ftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftftft_ft
	Stick	Up or Flush M	ount:			ft bgs			of Bentonite Sea		ft
		Screen Inte Riser Inte	erval:	To To		ft bgs			mili	1	
		Sand Pack Inte	erval:	To To		ft bgs ft bgs			10/1		
		Bentonite Grout Inte		To		ft bgs				1.7/511	
-		Logged by:			LBL			Date: Driller:		10/04	erson

	EA Sci	ence and Te	.C. and Its Affiliate chnology	Pro Drilling Method:	iect: DZUS	and a	school ball field
ordinates:	SOIL BORIN			Sampling Method:	DPT - Geopr	and the second se	Soil Boring Number: 15B-D 2-
face Elevati		Easting:		I mg method.	macro con	2	Sheet 1 of
ing Below S erence Eleva	urface:			Water Level: 2	5		Drilling
erence Desc	ription:				130		Start Finish
low unts Ft. D	riven/ Boring	PID I	Depth	Date: 5 Surface Con	17		DATE: 5/7 DATE: 5/7 TIME: 1/30 TIME: 13:20
	ecov. Diagram	(ppm)	in USCS Log Feet		eather:		20 mill. 1 5/20"
	1		0		erature:		E.A
-51	5		GM	0-8/0.10	26Se, Darh Brow	1 Jandy	Sit, WG, Some G
1	1		2 2 79	2-75-6	sarse Sand, l	OOSe Sou	A Real Cill
					/	00 a, 000	re brown sitt, h
			3	1			
			4	-			
			5 SW	5-03-90	obse arevisit	E.	
. 5/			6	/	EM.	tan we	a sand, some
- 72.	ĩ		Cat	ING	subrounded o	1YZ Jel	
		8		0.00 9.2 -	loose brown	WGSA	nd same inte
		9		T/ T	=-m subr	anavel	wet
			SW	9.3410 10	m subr. a see, greyish t G F-m su	an WE	1 sand, come
-		10	SW	10/14/3- gr	eyish tan we	b. gran	ve)
5/2		11		WG SUBIO			and, little
= 5/3	1 [	12		1 390100		gravel	
-	1 1	13		11214.6-10	ose greyish ta	n wG	M-C sand
-	1 +	14		Same	F-C sub. a	gravel	)
	++	15	Shu	4.61/5/0-10	ose quevish ta	LA LALC	E-C-L-U
-	1 1		Shu!	5/20 - 10	tote dark brow	and order	F-C sand, little 9.
5/2	1 -	16		little Ful	g E-IN . I	on WG	r-Msznd,
-12		17		brown F	E I I Sub. 9	ravel, -	trace torow dark
		18		I John I	sitt, wet		
		19					
-		20	5111 7	0-10-1-			
51		21			e, reddish b		WG F-Msand
5/4		22		trace we	F-M Subro	2.1	sand
	-	23			0.0010	andreo	guzuel, met
	_		SW 23	25- Loos	e, reddish bro	mn m	GEDON
		24	s.	17			a F-IVI szend
		25		5-30 - 1000	F-M subroz se, brownish	indred	gravel, wet
51		26	200	mal	- i bi um nish	Tan, i	NG F-C sand
5/17		27	3	we we t	F-M Subran	nded	gravel, wet
1.17		28					Janey val
		29					
	Monitoring	/ell Constructio	n Information				
Monitoring Bottom of M	Well Diameter:	in	information		Soil Vapor I	oint Installation	Information
Stick Up o	or Flush Mount:	ft bgs		NA	Depth of Soil Var Bottom o	por Point:	ft
	Screen Interval: Riser Interval:	To 	ft bgs		Top of Sa Top of Bento	and Pack:	ft ft
Sand	Pack Interval: Bentonite Seal:	То	ft bgs ft bgs		1 op of Bento	nité Seal:	ft
	Grout Interval:	To To	ft bgs ft bgs			N/A	
Lo	gged by:	6	LBL		1	NA	
D	illing Contractor:		LAWES	and the second second	Date:	517124	

					Job. No. Client:	NYSDEC			Lo	ocation:
EA Engineering, P.C. and Its Affiliate			Project	:			Soil Bo	ring Number:		
EA Science and Technology SOIL BORING LOG				Drilling Method:						
				Sampling Method:			Sheet 2 of			
dinates: North	ningI	Easting:							Start	Drilling Finish
ce Elevation:					Water Level:		-		DATE:	DATE:
ng Below Surface:					Time:				TIME:	TIME:
rence Elevation: rence Description:	-				Date: Surface Cond	itions:		1.4		
ow Ft. Driven/	Boring	PID	Depth in	USCS Log	We	eather:				
ints Ft. Record	Diagram	(ppm)	Feet		Tempe	rature:	revish	tan,	WGE	arel, wet
-1b)		F	30	SW	30-35-10	iose, g	~103	1-0-1	1.0	1 +
	-		31	0.	ict	le Fr	M ou	brown	ded gr	ziel, viel
5/2-0			32						U	
- (			32		1					
			33							
_			34		-			- Sola	ton 1	VG F-C say
-	-	2	35	OL	35-401	- 1005	e, gre	yish	Tarer	el, wet
- 1				SVU	1-41.	B. F-N	1 c.br	unde	grav.	d. wet
53.1	V - 1		36		Inne	loc 1 1	Juo		00	
- '			37							
			38		-					
		-	39					_		
			40							
_	1.1.1		41							
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		-	55							
		_	-	10	-					
			56							
			57	-						
		-	58							
		-	59	-						I. C. suralized
				uction Informa	tion			Soil Vapor Depth of Soil Va	Point Installation	Information ft
	Mo itoring Well Diam	onitoring neter:	in			1	L	Bottom	of Tubing:	íi ft
Bott	am of Monitoring	well:	ft by	<u>s</u>	61	IA		Top of 9 Top of Bent	Sand Pack: onite Seal:	ft
St	ick Up or Flush M Screen Inte	ount:	Te		ft bgs ft bgs	l'i		Top or bein		
	Riser Int	erval:	Te Te		ft bgs				ALLA	
	Sand Pack Int Bentonite	e Seal:	Te		ft bgs ft bgs				10/11	
	Grout Int		Te				1	Date:	5/7/2	4
	Logged by			6	BL			Driller:	Scott Pe	derson

								NYSDEC			Loca	ation:
	-		_			Job. No.	Client	PZUS			-BB-	22
-	B	EA Engine	eering, P.C	C. and Its	Affiliate	AL		N APP	opvobe		Soil Borin	ig Number: 75B-D3
		EA Scienc	e and Tec	chnology		Drilling Me	ethod: DI	1 - yeu	Pico			
land in						Sampling	Method: ma	cro co	.L		Shee	t 1 of \
	SO	IL BORING L	OG			Sampling	ficture in the				Di	illing
oordinates	: Northi	ng	Easting			1. The	64.54			-	Start	Finish
urface Elev						Water Le	vel: 3.5	1000			DATE SLAD	DATE: 5 7124
	w Surface:	-	_			Ti	me: 0930	1	-	-	TIME: 07.50	TIME: 0920
eference I	levation:		_				- 2	24	1 Jam M	Fale		
leference l	Description:		-	Depth		Su	face Condition	15: 9125	5 10211	Tiere		
Blow	Ft. Driven/	Boring	PID	in	USCS Log		Weath	er.	- Sun	nv		CORIST
Counts	Ft. Recov.	Diagram	(ppm)	Feet		1.20	Temperatu	10 1010	Nn s	andy	sitt, loose	scit)
(140-lb)				0	GIY	-C-212	·	abouto	aldd	45.20	et (top	56.1)
				1	9.		serve i	meno	ecter-	7	1.4.61-	Frank Silt
-0.00	E			-		A.F.L.	51 122	x 51 524	nd tuo	se, so	we deirn	Digital and
	5/5			2	FAR	H 3.5	2550	Isavel	, wet			brown silt
					CIT	1 60	i	J			1	1 = 10
	1		l l	3			+ = 2.000	NR FOR	15B-D3	3-0-3	3.5 w/ m	is misio (
			-	4		Co liec	2 22000		1312		1)	d F-C san
	-					- 5-8	3 - 1005	e, grey	154 72	en wi	en-go acte	d F-C san
				5	SVY		a falall	avadec	F-C	Subre	jund gizi	les, we.
1			-	6		1.41	e men	J		1.4.4.2.1	ed Fre sa	F-C sznd, litt 1 sznd, litt 1 ud, litt 12 w
2	-1		1.00	1	11	103	-0,0 - 10	105e, +21	n wet	grad		
	-5/2			7	SIA	F-C	Subra	und g	dial +	20 00	11-graded	F-C sznd, I
	1)		-	8	510	1 4.0-	9.2 - 10	ose, ico	ndav	evel,	wet	Sand liff
					2V	1 0 2	-10 -10	1052, 9V	reyish	tarv '	ward	- sharing i
-	-	1		9	SA	7.5	10	0,010	The tay	NG	F-6 52	nd, little w
-				10	CLA	10-1	35 6050	-i geey	151 121	N VIII		
	-				OV	/						
-	- 1		1.00	11		-			11. 100	30. 100	F-C SEN	d, little WC
-	53			12	01	1 13-1	3.5 100	selgrey	15 the lar	W ARM	GFC 52	of iffe we
· · · · · ·	11-				OV	V 13.5	-13.8 10	oce, rec	CLINC PI			
	-		1000	13		-			the let	+2	IG F-C SS	and, little V
	-		-	14	11	1 13,8	3-15 -	locke gr	eyisn	i an u	5-(1-2-5	N NO
				- 14	OV	V				,La	WG.	F-C SZM
-				15	11	+15-	20 - 10	ase a	revisi	1 104	A J CEL	- 1 0
			-	16	101	A	C ma	12 111	F-1	5 5V	ibround	quaverio
1	1			10	1-1		SUVI	ie vie	1			F-C SZM gravelju
	-5	-		17								
-	- 12	4	-	18	-							
				10					-			
-				19					2			d, little w
-				20	1	1 20	-228	- 1005e	+2.n,1	NG F	-C 5200	
				20	S	~	A. and Tar	•				
				21	-							
-	-1		-		-				1.1			, trace PC nd, genne in Ind, 1: Hle
	5/2	2		22		-	184 181	2 1004	tan	PG I	- sizind	, trace pe
	-12	.4	F	23	5	P 2	28-23.	7 10030	- 1001		M CC-	and some is
-	- '					1 2	17-25	- 1005	e tan	wa	111-0 520	na general
-	-			24	- 5	W			1-	11- 1	5-6 52	nd, 1: He
				25	0	2	5-30 -	100 Se .	ten v	001	nu c on	
	_				S	11	Awa.	10 . 1.41	et			
-	-			26	-10	VV	Jrai	~ 1 00				
	5		1	27	1							
	5/3			1.0								
-		1		21	8				_			
-			-	2	9							T - formation
E			- 11						-	Soil Vapo	r Point Installation	Information
		_	Monitorin	g Well Cons	truction Inform	nation			D	epth of Soil	/apor Point: n of Tubing:	n
-	Mo	nitoring Well I	Diameter:	i	n		. 1			Botton Top o	n of Tubing: f Sand Pack:	ft
	Dat	tom of Monitor	ing Well:	ft	bgs		A	A		Top of Be	entonite Seal:	ft
	9	Stick Up or Flus	Interval:		То		t bgs					
		Rise	Interval:		To		t bgs	V			N	IA
		Sand Pack	Interval:		То То		ft bgs					
			onite Seal: t Interval:		То		ít bgs			2.1.4	5/2/2	24
				1	incolo P	man	an - Ln	16		Date:	- 0171	H Pederson
Γ		Logge			LAW	15			V	Driller:		
		Drillin	ig Contracto	n:								
		Drinin	0									

de-		EA Sci	ence and	d Techno	nd Its Affiliate		Project:	SDEC			Location:
	_	SOIL BORING		- reenito,	logy	Drilling Meth	iod:			Seil D	
oordin	ates: No	thing	LOG Eastin	e:		Sampling Me	thod:			Soll B	oring Number:
urface I	Elevation:		_	6	-					Sh	eet 2 of
ference	elow Surface: e Elevation:				_	Water Level:					Drilling
eference	e Description:				-2	Time:			10000	Start	Finish
Blow	Ft. Driven/	Boring	DUD	Depth	1	Date:				DATE: TIME:	DATE:
40-1b)	Ft. Record	Diagram	PID (ppm)	in	USCS Log	Surface	Conditions:			TIME:	TIME:
				Feet 30		Te	Weather: emperature:				
	5/3.7				SW	30-35	- lucse, +	to to	14.1	/	c sand, gravel,
	12.7			31		Som	e sall			G F-0	c sand,
	6			32			VG	F-IN :	subr	ounded	a constal
-				33							giavel,
	- II.		-	34							
-			-			12.13					
-	5/3.5		-	35	SIN	35-38-	loose				
	13.2		-	36	00-1	18Dcm	A 1.11	tan we	a t-	C sizn	d
-		Ē		37	SIN	20/ 10	vuer	+ C sul	OV Swo	1	
_		F		38	01	53-40	loose f	an We subrour	h F		1 west
-		H	-			littl	PEM		11-(	- 52nc	9,
			-	39			- 1 - [V]	subrour	roled	gravel	
			F	40	100			1000			
-				41							
		-		42							
		-		S. 31 M	1000						
-				43		-			-		
-			-	44					_		
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7		-	-	46							
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	λ.										
		1.5	56	-				3			
			57								
			58	1			_				
			59					1000			
-		miler					100				
Ionito	ring Well Diam	onitoring Well eter:	Construct in	tion Inform	ation		1	Coll M			
ottom (	of Monitoring V Up or Flush Mc	Nall	ft bgs				De	Soil Vapor Point In pth of Soil Vapor Poir	it-		
	Screen Inte	rval	То	-		A) la	1	Bottom of Tubin		ft ft	
5	Riser Inter Gand Pack Inter	val:	To	-	ft bgs ft bgs	NA		Top of Sand Pack Top of Bentonite Sea	e	ft	
	Bentonite S	eal	To To		ft bgs			NA		ft	
_	Grout Inter	val:	То		ft bgs ft bgs		· · ·	1. 1			
	Logged by:				BL		1				1

CALIBRATION					
DATE: 05 / 6(0 / 2024					
TIME: 6655	-				
METER ID: 7/055					

i.

## pH CALIBRATION

pH STANDARD	INITIAL	FINAL
	READING	READING
4.0	4.45	5.47

## CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4-78	4.50

#### **TURBIDITY CALIBRATION**

STANDARD	INITIAL READING	FINAL READING	
0 NTU	3.3	0.0	C)

### **COMMENTS**

SIGNATURE

CALIBRATION	
DATE: 5/7/24	
TIME: 0625	
METER ID: 21055	

## pH CALIBRATION

pH STANDARD	INITIAL	FINAL
piistandand	READING	READING
4.0	3.98	4.00

### CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4,58	4.45

### TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	Ø.Û	$O\iota$

### COMMENTS

None

SIGNATURE و

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CALIBRATION	
DATE: 05/08/2024	
TIME: O(230	
METER ID: 71055	

## **pH CALIBRATION**

pH STANDARD	INITIAL	FINAL
	READING	READING
4.0	4.47	4.0

### **CONDUCTIVITY CALIBARATION**

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.35	4.50

### TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	51.le	0-8

### COMMENTS

### SIGNATURE

CALIBRATION		
DATE: 5/4/24		
TIME: 0620		
METERID: 21055		

## **pH CALIBRATION**

pH STANDARD	INITIAL	FINAL
phomana	READING	READING
4.0	4,12	3.46

### CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.57	4.48

### TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	29.7	1.2

### COMMENTS



SIGNATURE

CALIBRATION	
DATE: 5/10/24	
TIME: 06 35	
METER ID: 2055	

## **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.16	3.98

## CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.73	4.49

### TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	16 NTU	0.0 NTU

SIGNATURE ) .__Q

CALIBRATION	
DATE: 5/14/24	
TIME: 0700	
METERID: 21055	

# **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.34	3.98

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4,61	4.49

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0,0	0.4

SIGNATURE

CALIBRATION	· · · · ·
DATE: 5/15/24	
TIME: 0700	
METER ID: 2.(055	

# pH CALIBRATION

pH STANDARD	INITIAL	FINAL
promond	READING	READING
4.0	4.82	4.01

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.71	4.51

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	28	0,4

**SNATURE** 

CALIBRATION				
DATE:	5	16	24	
TIME:	05	100	ЭС	
METER	ID:	2	055	

## **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	3,74	4.01

### **CONDUCTIVITY CALIBARATION**

CONDUCTIVITY	STANDARD	FINAL READING
STANDARD	READING	
4.49	4.87	4.50

# TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

None

**SIGNATURE** 

CALIBRATION	
DATE: 5/17/24	· · · · · · · · · · · · · · · · · · ·
TIME: 0650	
METER ID: 21055	

## **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.13	3.98

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.99	4.48

# TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	17.5	0.1

### **COMMENTS**

None

SIGNATURE

CALIBRATION		
DATE: 5/20/24		
TIME: 0640		
METER ID: 21055		

## **pH CALIBRATION**

pH STANDARD	INITIAL	FINAL
	READING	READING
4.0	5.80	3.97

#### **CONDUCTIVITY CALIBARATION**

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.25	4.53

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

#### **COMMENTS**

None.

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Curtar

CALIBRATION		
DATE: 5/21/2024		
TIME: 0640		
METER ID: -064000 21055		

## **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL
	READING	READING
4.0	4.88	4.0

### **CONDUCTIVITY CALIBARATION**

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.29	4.49

### TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	39.0	0.2

### **COMMENTS**

None.

man

CALIBRATION	
DATE: 5/22/2024	
TIME: 0650	
METER ID: 21055	

## **pH CALIBRATION**

pH STANDARD	INITIAL	FINAL
1	READING	READING
4.0	4.28	3.95

## **CONDUCTIVITY CALIBARATION**

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.05	4.49

# TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	17.9	7.7

## **COMMENTS**

None-

CALIBRATION	
DATE: 5/23/2024	
TIME: 0643	
METER ID: 21055	

### **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.74	3.94

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.12	4.47

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	32.1	7.1

### **COMMENTS**

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# CALIBRATION

DATE: 5/24/2024

TIME: 0648

METER ID: 21055

## pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	5.03	3.99

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.04	4.97

# TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	C.D	6.0

## COMMENTS

None.

'n Th

CALIBRATION	
DATE: 06/04/2024	
TIME: 0710	
METER ID: 24305	

## **pH CALIBRATION**

4.0	5.80	4.0
	READING	READING
pH STANDARD	INITIAL	FINAL

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.20	4.48

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	D. O	<i>0</i> .0

#### **COMMENTS**

Haley young

CALIBRATIC	DN
DATE: 6/5/2024	
TIME: 0649	
METER ID: 24305	

### **pH CALIBRATION**

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.49	4.08

# CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.36	4.52

## TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	18-6	0.0

#### COMMENTS

#### None.

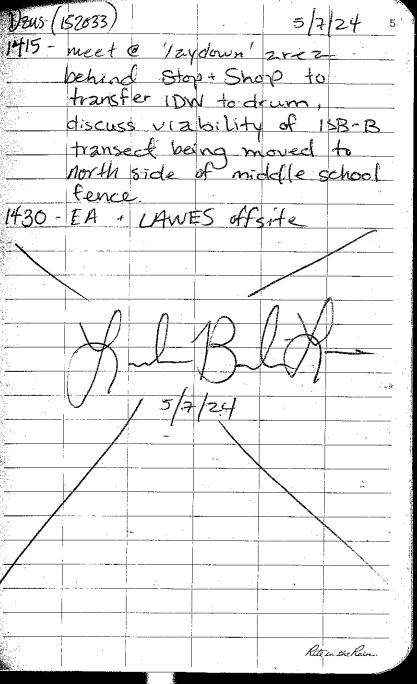
MT

CONTENTS PAGE REFERENCE the ai IRM Groundwater (2024) "Pre-Design Investigation" 5/6 - MW-9-SB 5/7 - 15B-D3, 15B-D2, 15 Dzus Fastener (152033) 5/8 - 158-D2, 158-D1 Name 5/9 - ISB-B3, ISB-B2 16025-15-00-CP 425 Union Blud 5/10 - 15B-B2 +5B-B1 Address 5/14-158-84, 158-85, 158-A4 Phone (585) 322-2140 5/15 - 158-A4, 158-A5, MW-13A-SB (716) 364-7282 5/16-15B-B5, 15B-A3, 15B-A1 5/17-15B-A3, 15B-A2, 15B-A1 Project Hilary Williams (PM) 5/20-15B-C2, 15B-C1 Lincon Backman-Lowe (Field Load) 5/21-15B-A6, 15B-A7 5/22- 15B-A8, 15B-A9 5/23- 15B-A10, 15B-C3 5/24-15B-B9,15B-B8 158-B6, 15B-B7 GREEN CS Archival **RiteintheRain.com** 

DATE

20 5/6/2	Day ted (mana)
² Dzns Fastener (152033) 5/6/2-	<u>Vzus Fastener (152033)</u> 5/7/24 ³
Weather: 52°F, cloudy drizzle	Weather 56°F, cloudy
Personnel: LBL, HW, MB	Personnel LBL, HW, MB
Objective: GW PDI	Objective: GW PDI
DUSD-EA+LAWES onsite	0620 - EA onsite
7000 - tailgate health + safety meeting	6625 - calibrate Horiba U-52
discuss son	0625-LAWES onsite, H+S meeting
0705-mob to OUT to set up on	0700 - Degin tracking rig w/ mats
mw-9-SB	out to 15B-D3 location
0730 - LAWES begins hand cleaving	0750 - LAWES begins hand-clearing
11/10-9-58 to 5' bgs	ISB-D3 location
0800 - advance mui-q-58 ~ geoprobe	0800 - LAWES begins zdvzncing 158-93
0840 - collect soil sample MW-9-58-5-10	~/ geoprobe
tor TAL Metals, TOC, grain size	. 0810 - cellect soil sample 13B-D3-0-3.5
0850 - collect soil sample MW-9-58-19-20	For TAL Metals, TOC, grain size
for TAL Metals Toc, grain size	0830 - collect soil sample 138-D3-14-15
0945 - drill to 40' bas, rig turned off	for TAL Metzis, TOC, grain size
0950 - begin backfill of MW-9-58	0920 - bore hole 201 ranced to 40'
1005 - backfill complete porchole patched	LAWES backfills hole the site mats
w/ cold-patch	0935 - step out 5' trom bonehole, begin
1020- mobilize to laydown area behind	advancing spic rods to 45 ligs
Stop + Shop to stage drum	1000 - begin purging for sample
10:40 - LAWES offsite, for day	15B-D3-GW-41-45
10:45-EA marks ISB locations on transacts	1011 - collect GW sample 158-03-GW-41-45
A, B, and C	for TAL Metals (tot. + dis.)
11:30-EA offsite	1025 - rods + tubing pulled up 10'
A 1 12 - 5/0/24	to 35 1045 Rite in the Rain
1 And Dallie 1 T	

4 Dzus F	Estenes	(152033)			5 7 25
1030 -	begin	purgi	ng for	szmp	re .
1125	158-1	23-31-	35	1612-573	CAN-21 2
1035				1+ dis.	-GN-31-3
1038 -				lup to	
	25'6	95	· · · · ·		
1045	begin	purgi	ng for	samp	le i
	<u>(58-D3</u>	3-21-2	5	1<2-12-	GW-21-2
1055	for TA	L Metz	ls (tot.	t dis.)	
1100	reds +	tubing	pulled	up to	
	15 bad	Ĵ			
1105 -	begin 12	purgi - 1+15	ng tor	samp	
-1113	15B-D3 collect	GW 07	male	ISB-D3	-GW-11-1
	for TA	L Met	als (t	ot. + di	\$5.)
1115 -	break	olown	víg n	hove f	<b>b</b>
	158-D				
11.30 - 11	twes be	gins hz	ind-cle	aring 151	B-D&
1145-6	AWES 10-	egins ad	v29 cing	15B-D2	w in
	reoprobe	2		· ·	
320 - 6	oving is	<u>B-D2</u> 2	durances	l to de	upth .
1325 - )	AWES	breaks	down	rig + W	neves
1355 - 6	o corner	from	mide	alle sch	roof



6 Dzus Fastener (152033) 5/8/2	Park Fasterner (152033
Weather: 57°F cloudy	0920 - Vesume purgin
Personnel: LBL, MB	- ISB-DZ-GW-31
Objective: GW PDI	0930 - collect GW san
0615- EA onsite	for TAL Metals
0620 - LAWES onsite, trilgate His ma	0935 - pull up rods +
0630 - calibrate Horisa U-52	25'bgs
0635-mobilize equipment to 15B-D2	0940 - begin purging
location	15B-D2-GW-21
0655- mohilize geoprope rig to	19955 - collect sample
ISB-DD location	For TAL Metal
0710 - decontaminate SP16 screen	1000 - pull up rades +
tor EQB-1, for 5/7(24 -	- <u>15'bgs</u>
0720 - begin advancing SP-16 rods	1010 - begin purging
to 45 bgs, collect EQB-1	ISB-DZ-GW-11
5745 - begin purging for sample +10 ISB-DZ-GW-41-45	1025 - collect GNU SZ
15B-D2-GW-41-45	for THL Metals
8810 - collect gample 158-DZ-GW-41-45	1030 - break dawn ge
for TAL Metals (tot. + dis.) split w/ ms/ns	Mobilize to Isi
0820 - rods + tubing pulled up to	1045 - LAWES begins
35' bys	ISB-DI boving lo
0825 - begin purging for sample	1055 · LAWES begins
15B-02-GW-\$1-35	ISB-DI boring u
0827-purge stopped + rig turned	1245 - Doring ISB-DI a
Vestime Zo - a plan logt	Step out 5 and
strike	SP16 sampler
J'II 'KC	

5/8/24 3) for sample ng 1-35 uple 15B-D2-31-35 (tet. + dis.) tubing to for sample 1-25 1513-02-21-25 (s (tot. + dis) tubing to for sample 1-15 2 mple 15B-D2-11-15 (tot + dis.) Coprobe rig 3-DI location hand-clearing ocz] advancing is grapholde drilled to depth beg in pushing 45' bgs te Rite in the Rain

5/8/24 DEUS Fastency (152033) 59/24 9 Bus Fasterer (152033) . 1312 - begin purging for sample ISB-D1-41-45 Weather: 57" F, partly cloudy Personnel: LBL, MB 1330 = collect Giv sample 58-01-41-45 Objective: GW PDI for TAL Mietals (tot, + dis.) 1333 - pull up reds + tubing to 35' bys 0615 - EA onsite 0620 - calibrate Horiba U-52 1335 - begin purging for sample 15B-D1-31-35 0630 - LAWES onsite, tailgate H+S 1340 - collect Giv szmple 15B-D1-31-35 for TAL Metzls (Fit + dos.) meeting 0645 - mobilize equipment + supplies 1342 - pull up reds + tubing to 25' bys 1346 - begin purging fir szumple ISB DJ-GW-21-25 to ISB B3 location 0710 - mobilize geoprube vig to 1355 collect GW sample ISB-DI-GW-21-25 15B-B3 Vocation for TAL Metals (tot. " dis.). 0715 - LAWES begins nend-clearing 1358 - pull up rods + tubing to 15' bgs - begin purging for sample 15B-B3 borehole 0730 - decontaminate SPIL screen 4 158-D1-GW-11-15 - collect EQB-2 1415-collect GW sample 13B-DI-GW-11-IS for TAL Metals (tot. + dis) 0745-LAWES begins zduzncing 15B-B3 vorehole w/ geoprobe 1920 - brezk down set up, rig, mob vig to corner of ball field 1995- boring @ 15B-B3 advanced to 40' bas 1445- mob to 1/24 down aven to 0940 - drill rig stepped out 5' to begin transfer IDW to Drum. advancing SP16 1500 - EA + LAWES offsite 0950 - SP-16 scien pavanced to 45' 695 1005 - begin purging for sample SB-B3-GW-41-45 1020 - collect Giv sample ISB-B3-GW-41-45 for TAL Metzlis (tot. + dis.) Retein the Rein.

<u>5|9/24</u> Zus Fastener (152033) ¹⁰Dzus Fastener (152033) 5/9/24 145 - mobilize to laydown area 1027 - pull up vods + tubing to 35 bgs to transfer DW to drum 1032 - begin purging for sample 15B-B3-64-3\$-35 1430-EA - LAWES offsite 1040 - collect GW szmple 15B-B3-GW-31-35 for TAL Metals (tot. Tdis.) 1050 - pull up rods + tubing to 25 bas 1100 - begin purging for sample 15B-B3-GW-21-25 1110 - collect GW sample 15B-B3-GW-21-25 for TAL Metals (tot: + dis.) 115- pull up rods + tubing to 15 bgs 1118 - begin purging for sample 15B-B3-6W-11-15 1133- collect GW sample 158-B3-GW-11-15 for TAL Metals (td. + dis.) split w/ ED-01 1145- phil up rods + break down rig, mobilize to ISB-B2 location 1200-begin hand-clearing 15B-B2 boring to 5' bas 1215 - LAWES begins advancing 158-B2 boring -/ geoprobe rig-1335- 15B-BZ boring advanced to 40' bas 1350 - collect EQB-B 1352 - break down drill rig-Move to conver of wall field Rite in the Rain

¹² D245 Fastelier (152033) 5/10/24 Weather: 49°F, vain Personnel: LBL, MB Objective: GW PDI O620 - EA onsite 0630 - LAWES onsite, tailgate Hrs meeting 0640 - mobilize equipment supplies. 5 ISB-B2 location 0735 - begin advancing SDIG to 45' bgs 0745 - SNIG set @ 45' bgs 0755 - begin purging for sample ISB-B2-GWI-41-45 0810 - collect GW sample ISB-B2-GW-41-45 it: TAL Nictals (tot + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2-GW-31-35 0825 - pollect GW sample ISB-B2-GW-31-35 for TAL Nictals (tot + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 0875 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 0875 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 0875 - begin purging for sample ISB-B2-GW-21-25 0876 - collect GW sample			
Weather: 49°F, vain Personnel: LBL, MB Objective: GW PDI Objective: SUB-B2 Objection Office SN 16 set e 45' bgs Office SN 16 set e 45	12 DZUS	Fastewer (152033) 5/10/24	
Personnel: UBL; MB Objective: GW PDI O620 - EA onsite 0630 - LAWES onsite, tailgate HES meeting 0640 - mobilize equipment + supplies. to 15B-B2 location 0715 - mobilize geoprube ring to ISB-B2 location 0735 - Degin advancing SD16 to 45' bgs 1745 - SN16 set @ 45' bgs 0745 - SN16 set @ 45' bgs 0815 - Degin Dunging for szun pie 15B-B2-GW-31-35 0825 - Oolect GW sample ISB-B2-GW-31-35 0830 - Dull up tods + tubing to 25' bgs 0835 - begin punging for szun pie 15B-B2-GW-21-25 0870 - collect GW sample ISB-B2-GW-21-75 - for TAL Nietals (tot. + dis.)	·	Weather: 49°F, vain	4
0620 - EA onsite 0630 - LAWES onsite, tailgate HES meeting 0640 - mobilize equipment + supplies to ISB-B2 location 2715 - Mobilize geopropering to ISB-B2 location 0735 - begin advancing SD16 to 45' bgs 0745 - SD16 set C 45' bgs 0755 - begin purging for sample ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2-GW-31-35 0825 - collect GW sample ISB-B2-GW-31-35 for TAL Metals (tot + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample SB-B2-GW-21-25 0870 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)			•  -  -
0630 - LAWES ansite, tailgate HES meeting 0640 - mobilize equipment + supplies. to ISB-B2 location 1715 - Mobilize geoprobe rig to ISB-B2 location 0735 - begin advancing SP16 to 45 bgs 0745 - SP16 set @ 45' bgs 0745 - SP16 set @ 45' bgs 0745 - SP16 set @ 45' bgs 0745 - begin punging for sample ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot. + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - organ punging for sample ISB-B2-GW-31-35 0825 - orlect GW sample ISB-B2-GW-31-35 for TAL Metals (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin punging for sample SB-B2-GW-21-25 0876 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)	. <u></u>	Objective: GW PDI	1 : -
0640 - mobilize equipment + supplies. to ISB-B2 location 2715 - mobilize geoprobe rig to ISB-B2 location 0735 - begin advancing SPIG to 45' bgs 0745 - SPIG set @ 45' bgs 0755 - begin purging for sample ISB-B2 - GW - 41-45 0810 - collect GW sample ISB-B2 - GW - 41-45 10: TAL Wetals (tot. + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2 - GW - 31-35 0818 - begin purging for sample ISB-B2 - GW - 31-35 For TAL Metals (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2 - GW - 21-25 0876 - collect GW sample ISB-B2 - GW - 21-25 - for TAL Metals (tot. + dis.)	0620 -	EAonsite	
0640 - mobilize equipment + supplies. to ISB-B2 location 2715 - mobilize geoprobe rig to ISB-B2 location 0735 - begin advancing SPIG to 45' bgs 0745 - SPIG set @ 45' bgs 0755 - begin purging for sample ISB-B2 - GW - 41-45 0810 - collect GW sample ISB-B2 - GW - 41-45 10: TAL Wetals (tot. + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2 - GW - 31-35 0818 - begin purging for sample ISB-B2 - GW - 31-35 For TAL Metals (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2 - GW - 21-25 0876 - collect GW sample ISB-B2 - GW - 21-25 - for TAL Metals (tot. + dis.)	0630-	AWES onsite, tailgate HES meeting	t. gl
2715 - mobilize geoprube rig to ISB-B2 location 2735 - begin advancing SP16 to 45 bgs 2745 - Si>16 set @ 45' bgs 2745 - Si>16 set @ 45' bgs 2745 - begin purging for sample ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot. + dis.) 2815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2-GW-31-35 9825 - collect GW sample ISB B2-GW-31-35 for TAL Metals (tot. + dis) 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample SB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)	6640 -	mobilize equipment + supplies.	
2715 - mobilize geoprube rig to ISB-B2 location 2735 - begin advancing SP16 to 45 bgs 2745 - Si>16 set @ 45' bgs 2745 - Si>16 set @ 45' bgs 2745 - begin purging for sample ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot. + dis.) 2815 - pull up rods + tubing to 35' bgs 0818 - begin purging for sample ISB-B2-GW-31-35 9825 - collect GW sample ISB B2-GW-31-35 for TAL Metals (tot. + dis) 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample SB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)		to 15B-B2 location	· · ·
10c2+ton 0735 - begin advancing SP16 to 45' bgs 0745 - Si>16 set @ 45' bgs 0755 - begin purging for sample ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot. + dis.) 0815 - pull up reds + tubing to 35' bgs 0818 - begin purging for sample ISB-B2-GW-31-35 0825 - oilect GW sample ISB-B2-GW-31-35 For TAL Metals (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample SB-B2-GW-31-35 0835 - pegin purging for sample SB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)	3715-	mobilize geoprobe rig to 158-82	
1745 - SISIE set @ 45' bgs 0755 - begin purging for szimple ISB-B2-GW-41-45 0810 - collect GW sample ISB-B2-GW-41-45 for TAL Wetals (tot. + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin purging for szim ple ISB-B2-GW-31-35 0825 - collect GW sample ISB-B2-GW-31-35 For TAL Metals (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0830 - pull up rods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)		ocation	
0755 - begin purging for szinple ISB-B2-GW-41-45 0810 - collect GW szinple ISB-B2-GW-41-45 for TAL Wetzls (tot. + dis.) 0815 - pull up rods + tubing to 35' bgs 0818 - begin punging for szin ple ISB-B2-GW-31-35 0825 - collect GW szinple ISB-B2-GW-31-35 for TAL Metzls (tot. + dis.) 0830 - pull up rods + tubing to 25' bgs 0835 - begin punging for szin ple SB-B2-GW-21-25 0870 - collect GW szimple ISB-B2-GW-21-25 - for TAL Metzls (tot. + dis.)			
15B-B2-GW-41-45         0810         - collect GW sample 15B-B2-GW-41-45         for TAL Metals (tot. + dis.)         0815         - pull up rods + tubing to 35' bgs         0818         - begin punging for sample         15B-B2-GW-31-35         0825         - oliect GW sample         15B-B2-GW-31-35         0830         - for TAL Metals (tot. + dis.)         0830         - begin punging for sample         5B-B2-GW-21-25         0835         - begin punging for sample         5B-B2-GW-21-25         0840         - collect GW sample         5B-B2-GW-21-25         - for TAL Metals (tot. + dis.)			• 1
15B-B2-GW-41-45         0810         - collect GW sample 15B-B2-GW-41-45         for TAL Metals (tot. + dis.)         0815         - pull up rods + tubing to 35' bgs         0818         - begin punging for sample         15B-B2-GW-31-35         0825         - oliect GW sample         15B-B2-GW-31-35         0830         - for TAL Metals (tot. + dis.)         0830         - begin punging for sample         5B-B2-GW-21-25         0835         - begin punging for sample         5B-B2-GW-21-25         0840         - collect GW sample         5B-B2-GW-21-25         - for TAL Metals (tot. + dis.)	0755-	begin purging for sample	ļ.
For TAL Wetals (tot. + dis.) CB15 - pull up rods + tubing to 35' bgs OSIS - begin punging for sample ISB-B2-GW-31-35 DB25 - poliect GW sample ISB-B2-GW-31-35 For TAL Metals (tot. + dis.) OB30 - pull up tods + tubing to 25' bgs OB35 - begin punging for sample ISB-B2-GW-21-25 OB40 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis.)		15B-B2-GW-41-45	ж. -
CB15 - pull up rods + tubing to 35' bgs OS18 - biggin punging for szun ple ISB-B2-GW-31-35 D825 - rollect GW sample ISB-B2-GW-31-35 for TAL Metals (tot. + dis) O830 - pull up rods + tubing to 25' bgs O835 - begin punging for szun ple ISB-B2-GW-21-25 O840 - collect GW sample ISB-B2-GW-21-25 - for TAL Metals (tot. + dis)	0810 -		
0818 - 6.2911 puvoisng for szunple 15B-B2-GW-31-35 0825 - rollect GW szuple 15B-B2-GW-31-35 For TAL Metals (tot. + dis) 0830 - pull up tods + tubing to 25' pgs 0835 - begin puvoing for szuple ISB-B2-GW-21-25 0840 - collect GW szmple 15B-B2-GW-21-25 - for TAL Metals (tot. + dis.)			* 
15B-B2-GW-31-35 0825 - Oilect GW sample 15B-B2-GW-31-35 For TAL Metals (tot. + dis) 0830 - pull up tods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample 15B-B2-GW-21-25 - for TAL Metals (tot. + dis.)	<u> 815 ~</u>	pull up rods + tubing to 35 bgs	
15B-B2-GW-31-35 0825 - Oilect GW sample 15B-B2-GW-31-35 For TAL Metals (tot. + dis) 0830 - pull up tods + tubing to 25' bgs 0835 - begin purging for sample ISB-B2-GW-21-25 0874 - collect GW sample 15B-B2-GW-21-25 - for TAL Metals (tot. + dis.)	0818 -	begin punging for szun ple	Î
For TAL Metals (tot. + dis.) 0830 - pull up tods + tubing to 25' bgs 0835 - begin purging for sample SB-BZ-GW-21-25 0840 - collect GW sample 15B-B2-GW-21-25 - for TAL Metals (tot. + dis.)		15B-B2-6W-31-35	
0830 - pull up tods + tubing to 25' bgs 0835 - begin purging for sample 15B-BZ-GW-21-25 0840 - collect GW sample 15B-BZ-GW-21-25 - for TAL Nietals (tot. + dis.)	0825 -		
0835 - begin purging for sample 15B-BZ-GW-21-25 0840 - collect GW sample 15B-BZ-GW-21-25 - for TAL Nietals (tot dis.)			
15B-B2-GW-21-25 0840 - collect GW sample ISB-B2-GW-21-25 for TAL Nietals (tot dis.)	0830 -	pull up tods + tubing to 25 bgs	ite. L
0840 - collect GW sample 15B-B2-GW-21-25 - for TAL Metals (tot. + dis.)	0835 -		· ·
- for TAL Metals (tot dis.)			1
			j j t
TULT I I I I I I I I I I I I I I I I I I I			·
or content up roas + cabing to minis bas	0842-	quall up rods + tubing to B=15 bgs	

4	Dzuk F25tener (152033) 5/10/2413
4	D89 - begin purging for sample
	SB-BZ-GW-11-15
	0400 - collect GW sample 15B-BZ-11-15
	for TAL Metals (tot + dis.)
	0905 - brezik down geoprobe vig +
	Mobilize to 153-BI location
-	0915 - LANES begins hand-clearing
-	13B-BI sail you ing
-	D932 - LAWES begins zolvancing soli boring FSB-BI w/ geopruhe
- -	1105 - 15B-BI soil barry advanced
,	to 40' bgs, collect EOB-4
-	120 - pegin zidvancing spile to 45'
5 4	ngs
- 1	1135 - begin purging for sample
	158-BI-GW-41-45
-	1145-collect GAU sample 13B-BI-GUV-41-45
-	for THL Metals (tot. + dis.)
_	1147 - pull up rods + tubing to 35 bgs
- 1	1150 - Degin purging for sample 15B-BI-Gul - 31-35
-	1200 - collect Gell sample 15B-B1-GW-31-35
- 7	Kor TFAL NIetals (tot. + dis.)
- 1	202- will up vods + tubing to 25 bas
_ 1	1205 - begin pursing for sample
	18B-BI-GW-21-25 Retein the Rain

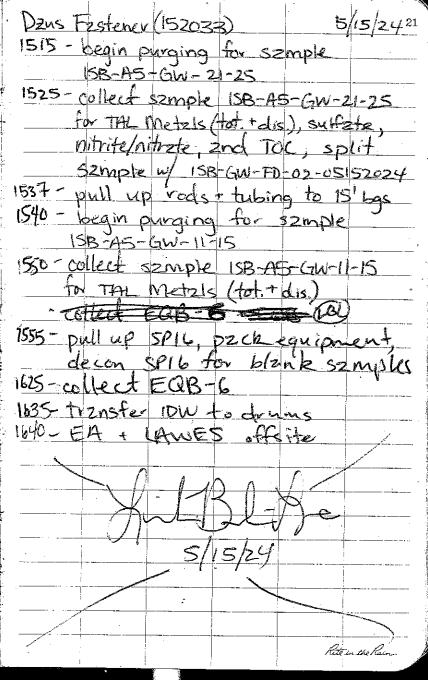
5/10/24 16 DZUS Fastener (152033) 1215 - Collect GW sample 15B-131 - GW-21-25 for TAL Metals (tot. + dis) 1217- pull up reds + fubing to 15'bgs 1220 - Legin purging for sample ISB-BI-GW-11-15 1230 - collect Giv sample 15B-BI-BN-11-15 for TAL Metals (tot. tdis.) 232- pull up vods, break down equipment, Mobilize vig to truck 335 - mebilize to laydowa area to Avansfer IDW to drum 14:00 - EA + LAWES offsite 10/2 5

\$ Daus Fastarie (152033) 5/14/2415
Weather: 55° F, shory
Personnel: LBL, HM
Objective: GW PD1
0650 EA & LAWES onsite
tailgate H+S meeting
0700 - calibrate Horiba 4-92
LAWES mobilizes equipment
to ISB-B4 Location
0720 - LAWES begins hand-dearing
<u>15B-B4</u>
0830 - LAWES begins advancing ISB-B4
boving w/ Geoprobe vig
1915 - rig off for maintenance
1918 - rig on, continue drilling
0955 - 15B-B4 boring Zolvanced to 48'
1005 - via stepped out 5, begin
2 durancing SPILO sznapler to 45 bgs
030- begin purging for sample LSB-BH-GW-HI-45
A
1040-collect GW sample 15B-B4-GW-41-245
for TAL Metals (tot. totis.)
1045 - pull up vods + tubing to 35' bgs
1055- begin purging for sample tot
15B-B4-GW-31-35
1105 - collect GIW sample ISB-BY-GW-31-35
for TAL Mitzls (fot. + dis.) Recurrence

¹⁶ Dzus Fastenor (152033) 5/14/24	Dzus Fastener (182033) 5/14/241
1108 - pull up rods + tubing to 25' bas	1412 - LAWES begins cutting through
112 - begin purging for sample	25phalt C ISB-At location
ISB-B4-GW-21-25, J. Guy onsite	1415 - LAWES begins hand-clearing
1/20 - collect GW sample SB-BH GW-21-25	15B-A4 boring location
for TAL Metals (tot. + dis)	1425 - LAWES begins advancing
125 - pull up rods - tubing to 15' bgs	ISB-A4 soil boring w/ Geoprobe
1130 - begin purging for sample	1530 - boring 15B-A4 2dvzneed to 40'
15B-B4-GW-11-15	OD step Geopretize vig out 5, begin
145 - collect GW sample ISB-BH-GW-11-15	2 duznang Spic
for TAL Metals (fot = dis.)	1545 - LAWES backfills ISB-A4 Seil boring
115° - LAWES Wackfills BB-B4, breaks	hole, patches asphalt of cold patch
down rig + mobilizes to 15B-B5	1555 - LAWES packs up equipment,
location	transfers waste to drums.
1205 - EA begins thermal drone survey,	1630- EA + LAWES offsite.
LAWES begins hand-clearing	
5B-B5 location	
1225 - LAWES begins advancing SB-BS	
boring w Geoprobe	ALLER.
1250 - collect soil sample 15B-B5-S0-7-8	
for TAL Wetzls, TOC + grain Size	0/14/24
1255 - collect soil sample ISB-BS-SO-17-18	
For THE Metals, TOC, + grain site	
1325 - ISB-B5 boring driven to 40 bgs	
- breakdown acoprobe nig, Mobilize	
to the ISB-A tocation	Rete in the Rain
	Tull in the law-

18 Dz. 13 Fastener (152033) 5/15/24	Dzus Eastener (152033) 5/15/24 19
Weather: Light rain, 60°F	0900 - pull up vods + tubing to 15' bar
Personnel: LBL HM	0710- begin purging for sample
Objective: GWPDI	0925 1518-A4-GW-11-15
0630 - EA onsite	HER - collect GLV sample ISB-AH-GW-11-15
0635- clear out + come off sample	for the motols (tot this)
locations	0930 - zack equipment, melbilize
0640-calibrate Horiba U-52	- Eleoprobe to MW-13A
0700-LAWES onsite, begin unloading	1005 begin hand-clearing hole near
equipment, mob Geoprobe	MW-131, encounter PVC~3' deep.
to ISB-AU location	- backfill hole - step out to new
0735 begin edvancing SP16 sempler	location
to 45 bas	1. 1020 - begin hand-clearing new hole
8810 - begin purging for sample	nezr MW-13A
15B-A4-GW-41-45	1030 - National grid onsite to
0820-0800 collect GW szniple 158-A4-GW-41-45	help w/ unlity clezy znice,
for TAL Metzls (tot. + dis.)	LUNTES begins 2012/2010 AB
0825 - pull up rods + tubing to 35' bgs	C MW-13A-SB w/ Geoprobe via
0831 - begin purging for sample	1075- HA collects soil sample
15B-A4-6W-31-35	MW-13A-SB-0-5 for
3840 - collect GW sample 15B-A4-GW-31-35	TAL Metzls, TOC + grain size
for TAC Metzis (tet. + dis.)	1955 - EA collects soil sample
0342- pull up rods + tubing to 25 655	MW-13A-SB-14-15 for
0845- begin purging to: Sample	TAL Metzls, Toc - grain size.
58-A4-GW-21-25	1175- MW-13A-SB Eduznied to 40 645,
1855 - collect Giv sample 158-A4-GW-21-25	pack equipment - mobilize to
for TAL Metzlis (tot + dis.)	ISB-A5 location Retein the Rein.

20 Dars Esstence (152033) 5/15/24
1230 - LAWES begins hand-clearing
15B-AS boring
1240 - LAWES begins advancing ISB-AS
boring w/ Geoprope
1300 - EA collects soil semple
15B-A5-50-8-10 for
TALMetzls, TOC + grzin size
1310 - EA collects soil szmple
15B-A5-50-19-20 for
TAL illetzis, TOC, + grzin size
1350 - ISB-AS sall borting advanced to
40' bgs, LAWIS backfills
bovehble
1400 - LAWES begins divancing SP16
1423 Szmpler to 45 bas
1023 begin purging for sample
1455 15B-A5-GW-41-45
HE - collect sample ISB-A5-GW-41-45
1455 for TAL Metzls (tot. + dis.)
15 - pull up rods + tubing to 35' bgs
1500 - begin purging for sample
15B-A5-GW-31-35
1510 - collect szmple ISB-A5-GW-31-35
for THL Metzls (tot. +dis)
1510 - pull up rods + tubing to 25' bas



22 Dzus Fastener (52033)	5/16/24
Weather: Overcast, 60°	
PE-sonnel: LBL,HM	
Objective: GWPDI	j.
7700 EA + HAWES mite	
(770 - mobilize - 10 158-B5 100	2tion
0730 - 2 dv 2 new \$ 5016 to 4:	5' 695
0743 - begin purging for samp	le
158-85-GW-41-45	· .
0800 - collect sample 158-B5	-Gwi-41-45
FOR TAL Metals Lta	+ kis.)
640 - pull up rods + tub The	to 35 bys
0805 - begin purging for	senne
158-B5-GW-31-3	5
(815 - nollect sample isp	3-85-CW-31-35
In TAL Metels (tot. +	dis ) and MINA
split szmple u/ ms	MSD
0830-pulluprods i tubing to	2.5' bys
0935 - begin purging for sample	53-35-64-21-25
0845 - collect Sample ISB-85-6W	21-25
for TAL Metals (tot. +1's)	
0850-Pulluprode + Tubing to	S bes ?
0357 - begin purging for smill	2 15B-85-6W-1145
0910 - Collect Sample ISZ B5-6W.	11-15 for
TAL metais (total + 1+3.)	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	

Dzus Fastener (152033) 5/16/24	23
0912 - Pick equipment mobilize beoprobe to	
15B-A3	·
0935 - LAWES begins hand-clearing	
155 73 Dorma	
0250 - LAWES byons whenchy 15B-43.	
Derma w/ 12000000	
1100 - 15B-+3 boring advanced to 40'	
Bys LAWES Backfuls bouche	
Packs equipment and moistlere beprobe to	
(5B-A	
1140 - LAWES begins hould lawing	
1515 - Al barrier	
1145 - LANES Degins advancing 15B-AI	
Dormy w/ beoprobe	
1210 - Rig off for Manhanne	
1215 - Ry on Continue Durling	-
1225 - Rig of I for miniterime	
1245 - Rug on, Continue Drilling	
1405-15B-Al soil boning advaniates	<u>.</u>
HO'bys, LAWES back fills borehole	
1410 - Preti courpoint, trasker JDW & Droms	
1430 - EAHLAWES offsite	
- And Deline	
Aub Bliffe Shiepij Rite in die Rein	
Kite in the Kain.	

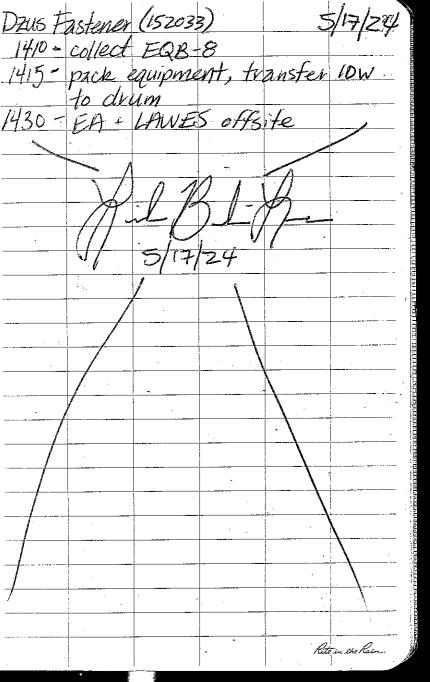
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24 Dzus	Fastener	(152033)			5/17/24	
	Weathor:					
	Personne				·	×.
	Objectiv					
0640 - 1	· · · ·			ate H+S	meeting	1
	lace con					2
	alibrate				·	2
					s locz-io	×.
	begin zd					:
·	45' be					÷
0740 - 6	egin p		for san	iple		
1	5B-A3-0	-w-41-	45		•	
0755-0	collect s	ample	15B-A3	5-41-45	for	4
	TAL Me	tals (to	t. +dis)			-
	ull up r			35' 6	95	Ÿ.
					3-GW-31	-35
0810 - (	ilect sz	imple 1	58·43-	GW-31-3	35 for	
	AL Met		1 2		*	
	oull up re			₹ 25' k	pas	÷.,
	egin pi				0	
	5B-A3-(	-	i .		· · · · · · · · · · · · · · · · · · ·	•
	llect sa			21-75 .	før	À
	41 Meta					Ĩ
	ill up vo			15' ha	S	· ¥
					6W-11-15	
	llect Gn					1947 
TA	L Mutals	(tot. +)	dis.)	<u> </u>		
A25		¥ `	1 . 7	1		

Dzus Fasteno (152033) 5/17/24/2	- ,
0850 - pull up remaining rods, pack equipment	af i
mob to 158-42 location	
1917- LAWES begins hand-chearing	
196-A2 soil boving	_
0935 - LAWES begins advancing ISB-A2 soil	_
Doring w/ Geoprobe	
1040 - boring ISB-AZ zdvznced to 40' bgs	<i>t</i> '
pull up rods, backfill hole	-
1055 - begin advancing SB-SP16 sampler	-
to 45' bgs	-
1110 - begin purging for szmple	
15B-H2-GW-41-45	• `
1125 - collect sample 58-A2-GW-41-45	-
tor TAL Metzks (tot.+dis.)	-
130 - pull up vods + tubing to 35' box	-
1132- begin plyging for sample	-
15B-A2-GW-31-35	- '
1140 - collect szmple 15B-AZ-GW-31-35	
1143 - pull up rods + tubing to 25' bas	÷
1145 - begin purging for szmple 15B-AZ-GW-21-25	
1155-collect sample ISB-A2-GNV-21-25	
for TAL Metzls (tot. tdis.)	-
1158 - pull up rods + tubing to 13' bgs	
1203 - begin purging for szimple	
15B-A2-GW-11-15 Rete in the hain.	

26 Daus Festener (152033) 5/17/24 1210 - collect sample 1518-BAZ-GW-11-15 for TAL Metzls (tot. + dis.) 1215 - pull up vemzining vods, pack equipment, mobilize to ISB-AI location 230 - begin zolvancing SP16 to 45 bgs 1250 - begin pluging for sample ISB-AI-GW-41-45 1305- collect sample ISB-BI-GW-41-45 for the metzls (tot. tdis.) 1308- pull up rods + tubing to 35' bas 1311 - begin purging for sample 15B-A1-GW-31-35 1320 - collect semple ISB-AI-GW-31-35 for TAL Metzls (tot. tdis.) 1323- pull up rods + tubing to 25' bgs 1328 - begin purging for szmple SB-AI-GW-21-25 1340 - collect sample 15B-A1-GW-21-25 for THE Metzls (tot. + dis.) 1342 - pull up rooks + tubing to 15'bgs 1345 - begin purging for sample 15B-A1-GW-11-15 1355 - collect sample 158-Al-GW-17-15 For TAL Metzls (tot. + dis,) 1357 - pull up remaining rocks, decontaminate SPIb



28 Dzus Fasfoner (150283) 5/20/24	Dzus Fastaner (152033) 5/20/24 29
Weather: 55°F, Sun, wind: Supplike	1938 - begin purging for sample
Personnel: LB2 CD	15B-C2-GW-21-25
Objective Gur PDI	1045 - collect szmple 15B-C2-GW-21-25
Ob30-Eft onsite, calibrate Horiball-SE	for TAL Metzls (tet. + dis.),
0640- LAWES onsite, trilgete His meeting	Split of ISB-GW- ED-03-05202024
0645- mobilize equipment to 158-C2	1052 - pull up rods + tubing to 15 bas
location	1058 - begin purging for simple
0710 - begin hand-clearing 15B-02	15B-C2-GW-11-15
poring to 5	1105 = collect sample 158-C2-GW-11-15
0735- LAWES begins advancing 1513-C2	for the metals (tot + dis.)
boring w/ Geoprebe	III - phil up remaining Vods
0900 - 5B-CZ boring advanced to	backfill hole + cold patch apphalt
40' bas, backfill hole	1130 - pzck equipment - mob to
0915 beath zovencing CP16 sempler	15B-CI location
0915 begin zowencing SP16 szmpler to 45'	1200 - LAWES begins hand-cleaning
0945-begin purging for sample	15B-CI location
	1220-LAWES begins Edwancing ISB-CI
5955-collect szmple 158-cz-GW-41-45	Soil boring w/ Geoprobe
for TAL Metzls (tot + dis.)	1320 - 15B-CI someoring 2012 need to
1005 - pull up rods + tubing to 35' bgs	40' bgs, brezk for water+shade
1008 - begin purging for sample	1400 - step out 5' and begin zouzneing
15B-C2 - GW-31-35	SPIL sempler to 45 bas
1020 - collect sample 15B-02-GW-B1-35	1415 begin purging for sample
for TAI Metzls (tot. + dis.)	15B-CI-GW-41-45
1033- jouil up vods + tubing to 25' bas	1430 collect sample 15B-CI-GW-41-43 For
	TAL Metzls (tot. tolis), split w/ MS/WSB

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30 Davis Eactore /150000 the law	Dzus Fastener (152033) 5/21/2431
³⁰ Dzus Ezstener (152033) 5/20/24. 1440 - pull up rods + tubing to 35' bgs	Wezther 55°F cloudy
1445 - begin purging for sample	Personnel LBL, CD
- 153-CI-GW-31-35	Objective. GW PD1
1450- collect sample 15B-CI-GW-31-35	0630 - EA onsite, czlibrzte Hovibz U-52
tor TAL Metzls (tot + dis.)	0640 - LAWES onsite tollgate HS meet
:455- pull up rods tubing to 25 bas	0645-mob to ISB-AG location,
1500- begin purging for sample	set up on hole
15B-CI-GW-21-25	1)715 - LAWES begins hand-clearing
1510 - collect szmple- ISB-CI-GW-21-25	ISB-AG Soil boring
for the metzles (tot. tdis.)	0730 - LALUES begins zouzneing 15B-A6.
1513 - pull up rods + tubing to 15'bgs	Soil boring w/ Geoprobe
1517 - begin purging for szniple 158-CI-GW-11-15	0835-southering 2 duraced to 40' bogs,
525-collect szmple BB-CI-GW-11-15	0935 - step out 5', begin 2drancing
for TAL Metals (tot. +dis)	SPIE szmpler
1530 - pull up remaining rods, pack	1955 - begin purging for sample
equipment, backfill holes	15B-A6-GW-41-45
1545 deconteminate SP16 sampler,	1010 - collect szmple 15B-A6-GW-41-45
collect EQB-9	1013 - pull up rods + tubing to 35' bas
1610 - transfer Drus to drums	1019 - begin purging for szmple
1630 - EA + LAWES offsite	15B-A6-GW-31-35
	1028 - collect sample ISB-AG-GW-31-35
KIKIEK	1031 - pull up rods + tubing to 25' bgs
5/20/24	1035 - begin jairging for sample
	15B-A6-GW-21-25
	1040 - collect sample ISB-AG-GW-21-25

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32 Dzus Fastener (152033) 5/21/24	Daus Fastemer (152033) 5/21/24 33
1050 - pull up rock + tubing to 15 bas	1505 - pull up tubing to 15' bas
1054 - begin purging for semple.	1508 - begin purging for szmiple
15B-AG-GW-11-15	15B-A7-GW-11-15
1100 - collect sample ISB-AG-GW-11-15	1515 - collect semple isB-A7-GW-11-15
1105- pull up remaining rods, backfill	1520 - pull up reinzining rods
holes, pzck equipment, mob to	1530- decontaniazte SP16, collect
15B-A7-locztion	EQB-10
1142 - LAWES begins hand-cleaning 18B-A7	1530 - pzck equipment, pzckfill
155-LAWES begins advancing 15B-AT	holes, transfer ion to drums
boring w/ Geoprobe	1545 - EA + IAWES offsite
305- ISB-A7 boring zdvanced to	A c n n i n
40'	
310-brezk for lunch	/mght-/-e
1340 - begin zdyzneing SP16 szmpter	5/21/241
1420 - begin zationing purging for szmple:	
1513-A7-GW-41-45	
1430 - collect sample 158-A7-GW-41-45	
1435 pull up rods + tubing to 35' bas	
1440 - begin pluging for sample	
15B-A7-GW-31-35 1450- collect semple 15B-A7-GW-31-35	
152 - pull up rods + tubing to 25' bgs	
1455 - begin purging for sample	
SB-A7-GW-21-25	
1500 - collect szmple ISB-A7-GW-21-25	Rete in the Rain
Jue contest semple ist in averal 25	

84 Dzus Fastenur (152033) 5/22/24.	-Dzys Fastener (152033) 5/22/2435
Wezthers (01° F, sunny	1032 - pull up rods + tubing to 15' bas
Personnel: LBL, CD	1036 begin purging for sample
Objective: GWPDI	15B-A8-GW-11-15
0630 - EA + LAWES onsite, trilgzte	10:45 - callect szmple 158-78-GW-11-15
1+5 meeting	- pull up remaining rods, backfill
0645 - celibrete Horibe (1-52,	halos marb pay swent mob
mobilize to ISB -A8 location	1145 to ISB-A9 location
0715 - LAWES begins hand-clearing	#FS - LAWES begins hand- clearing ISB-A9
ISB-AE boring	gizod boring
0725 - LAWES begins zavancing 15B-A8 /	# - LAWES begins zourznaing
boring w/ Geoprobe	ISB-A9 boring w/ Geoproble
0845 - 1513-A8 woring zavanced to	1320 - ISB-A9 boring 2dvanced to
40' bgs	40' bgs
0910-step out 5', begin zolvanding	1330 - step out 5, begin zalizncing
SP16 szmpler	SP16 szmpler
0933 - begin purging for sample	1348 - begin purging for szmjole
15B-A8-GW-41-45	15B-A9-GW-41-45
0950 - collect szwiple ISB-A8-GW-H1-45	1400 - collect szmple 138 GW-4745
0955 - pull up rods + tubing to BS' bgs	1403 - pull up rods & tubing to 35 bgs
0958 - begin purgina for szmple	HID - begin purging for sample
1518-AK-GW-31-35	1518-A9-GW-31-35 1418 - collect szmple 158-A9-GW-31-35
1015 - collect szmple ISB-A8-GW-31-35	1421 - pull up rock + tubing to 25'bgs
10/8 - pull up rod + tubing to 25'bgs	1474 have outrained for spinals
1022 - begin purging for sample - ISB-A8-GW-21-25	1424 - begin purging for szmpk ISB-A9-GW-21-25
1030 - cellect szmple ISB-A18-GW-21-25	nou collect semple 130 ATL 2120

36 Dzus Fastener (152033) 5/22/24	Deux Fastenir (152033) 5/23/2487
1437 - pull up rods + fubing to 15 bas	Weather: 63°F, cloudy
1440 - begin purging for semple	Personnel: [BL, CD
1437 - pull up rods + tubing to 15 bgs 1440 - begin purging for semple 15B-AQ-GW-12-15	Objective: GW PD1
1450 - collect Szmple ISB-A9-GW-11-15,	0630 - EA onsite to block off
split semple w/ MS/MSD	drilling locations w/ comes
1500 - pull up remaining rods +	0640 - czlibrzte Haribz U-52
tubing, backfill holes,	0645- LAWES onsite
p2cle equipment	0650 - mobilize equipment +
1510- decon SP16, collect EQB-11.	set up on ISB-CB location
1530 - transfer DW to drums	0710 - LAWES begins hand-clezing
1535 - EA - LAWES offsite	15B-C3 boring
	0720- LAWES begins 20v2ncing 18B-63
	boving w/ Greoprobe
	0835 - 15B-CB soil baring 2 duranced
- A have been a second	to 40' bas
5/22/24	. 0930 - begin zolvancing Spile sampler
*	to 45 bas
	0945- begin purging for szmple
	1518-c3-GW-41-45
	0955- collect szmple 15B-C3-6W-41-45
	0958 - pull up rods + tubing to 35 bas
	1002 - begin purging for semple
	15B-C3-6W-31-35
	1010 - collect szmple 1513-C3 - GW-31-35
	1013 - pull up rects + tubing to 25 bas
	Rite in the Relation

38 Dzus Fzstener (152033) 5/23/24	Dzus Fasten
1015 - begin purging for sample	1430 - step
15B-C3-GW-21-25	SPIL
10:20 - collect sample ISB-C3-GN-21-25	1448 - begin
patt aprodst tubing to 15 bgs	15B-A10
B begin purging for sample	1455 -collect
1513-C3-GW-11-15-	1458 - pull
- collect sample 15B-63-600-11-15	1502 - begin
- pull-up remaining reals	1518-F
10:29 - brezk due to thunderstorm,	1510 - collec
will whit BO min after	1512 - pull
last strike to resume work	1516 - begin
11:29 - vesume work, 12st thunder	ISB-A
stripe @ 10:59	1523 - collect
1134 - pull up rods + tubiag to 15 bgs	1525 - pull
1139 - begin purging for sample	1328 - begir
15B-C3-Giv-11-15	ISB-P
1145 - collect sample ISB-C3-GW-11-15	1335 collec
1150 - pull up remaining rods, prok	1338 - pull u
equipment, mob to 15B-A10	holes
(bzckful holes)	1550-decon
1245 - LAWES begins hand-clearing	1620 - trans
1300 ISB-A10 boring	1630 - EA+
1405 - LAWES begins zolvzneing	
1513-ATO bening w/ Geoprobe	<i> </i>
1420 - 15B-All boring zavanced to 40 bas	

ev (152033 zdvance barnet to 45 bas purging for sample 3-GW-41-45 Szmple 1518-A10-GW-41-45 up rock + tubing to 35'bgs purging for sznuple 110-GW-31-35 A szmple ISB-A10-GW-31-35 up rods + tubing to 25' bas purging for semple. 10-GW-21-25 - Szmple 1513-410-GW-21-25 up reds + tubing to 15 bgs purging for sample 10-GW-11-15 t sample ISB-AIO-GW-11-15 ip remaining rods, backfill s prok equipment SP16, coilect EQB-12 ster 10w to drums LAWES offsite

40 Dzus Fastener (152033) 5/24/24	Dzus
Nezthar: 63° F. Sunny	1025
Personnel; LBL	·
Objective: GW PDI	(030 -
	1038 -
0630- EA+LAWES maite, trilgzte 41+5 meeting, discuss venzining	145 -
5 cope	
0645 - czlibrzte Horibz 4-52	1050-
0650 - mob via + equipment to	1055-
ISB-B9 locztran	
0715 - LAWES begins hand-cleaning	115-
SB-B9 soil boring	
0730 - LAWES begins 2 during 158-B9	1123-
boring w/ Geoprobe	
0850 - ISB-B9 boring 2 duranced to	1220 -
40' bas	·
0930 - Step out 5' begin 2012ncing	. 1235 -
SPIG Sempler J	
0952 - begin purging for sample	1255
15B-B9-GW-41-45	·
1005 - collect sample is B-B9-GW-41-45	1305
1010 - pull up rods + trubing to 35' bgs	1308
1012 - begin purging for sample	· 1312
SB-B9-GW-31-35	
1020 - collect szmple 158-BA-GW-3F-35	1320
1022- pull up rods + tubing to 25 bogs	1325

5 F2stener (152033 - begin plurging for szmple 158-89- GW-21-25 collect sample is B-B9-GW-ZI-Z5 pull up rods + tubing to 15'695 begin purging for szmple 5B-B9-GW-11-15 Collect 52mple 15B-139-GW-11-15 pull up tranzining rods, pzck equipment, mob to ISB-B8 LAWES begins hand-cleaning SB-B8 boring LAWES begins zoluzncing 15B-B8 boring w/ Geopolde ~ 15B-B8 boring eduranced tõ 40' bas, CD offsife step out 5', begin zavznamo SPI6 szmpler - brain Durging for szmple 15B-B8 GW-41-45 - collect szmple BB-B8-GW-41-45 - pull up rods + tubing to 35 bas - begin purging for szonple 15B-B\$-GW-31-35, split u/ AD-05 collect szmple ISB-B8-GN-31-35 5- pull up roots + tubing to 25 bas Rite in the K

42 D245	Festern	r (152033)		5	124/24
1328-	begin 1	Durgin	of for :	szmpl	e i
1328-	15B-B	5-GW.	21-25		
1335-	colloct	SZ M	ole is	B-BX-6	hw-21-25
1339 - 1342 -	Diall un	, rods	+ tulai	ng to	15' bas
1342 -	healin o	MUMINA	for sz	male	<u> </u>
·	15R-RS	-GW-11	-15		
1350 -	collart	CONT	10 153	-BSC-GAN	-11-15
1352 -	$\sim 1$	SZINIP	n°na i	rode h	- [-]1
1353 -	PMI 4	<u>- 1211121</u>	1113 34	<u>0013, 0</u>	
1415 -	VICIK	pzck.	equipm	ran 1	2
			collect		D
			to de		· · · ·
1430 -	EA+L	AWES	offaite		
		·			-
			$2 \cap$	A	الر:
	$ \rightarrow                                   $	$   A \leq$	$ \downarrow \downarrow \downarrow$		
	//	LL	LIZ	Д-е	<u> </u>
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		74	127		
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N AN		-			
Dous Fas	stenerl	152033		6	14/25243
0700-6	Andl	AWES O	nestert	ailburet	185
070-0	ationate	Horiba	U-52 8	segn m	bilization
	0 ISB-8				
			adocle	aring o	<u>155-86.</u>
0805 -	LAWES	brains	s advan	una is	B-B6
		heoprob			
0110			g adva	nced t	0
<del>.</del>	40'bgs		9		
0915			begin (	advanci	nei
0413		ampler			3
0440		4	g for s	ample	
V			<u>- 41- 45</u>		
0950	collect	SAMPK	ISB-B	10-GW-	41-45
0953			tubin		
1000	heain	Durain	g for s	ample	
			31-35		
1008					-31-35
1013			tubing		
			g for s		- J
1017		r •	-21-25		
1025	i				-21-25
1029			tubing t		
1032			for sa		
		le-GW		··· ·	
1038				Ble-GW-	11-15
1041	PUIL UP YE	mainin	e <u>ISB-</u> g rods, h	packfill	e in the Rain .
			1		

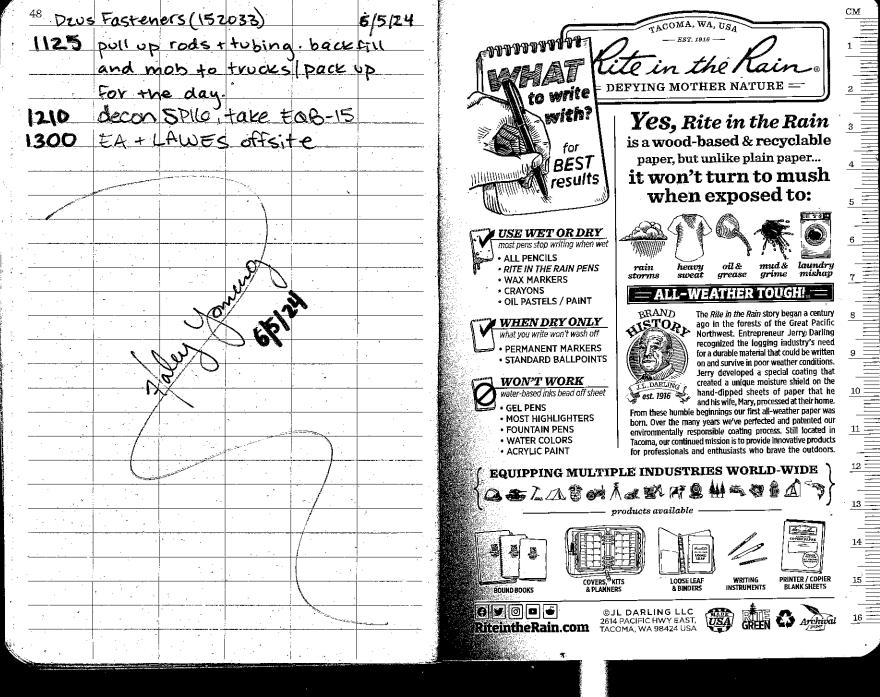
44 -					*
_	1	x (15203			6/4/24
1045	<i>i</i>	o ISB-			
1120	LAWES	begins	hand	cleanin	g
	ISB-B				-
1133_	LAWES	begins	advan	cing 15	B-87
·		acoprob			
1235	15B-B	1 borir	ng adva	nced to	
	40'bg:	5			ļ [.
1248	step 0	ut 5', 1	begin	advanc	ing
		ampler			
1305	begin	purgin	a for s	ampie	
	ISB-B	I-GW-	- 41 - 49	5	
1313	Collect	sample	ISB-0	37-GW-	41-45
1316		rods + ·			
1320	begin p	urging	for sam	nple	
	I V '	-GW-			
1328	Collect	sampre	ISB-B-	1-GW-3	1-35
1331	pull up	rods + t	ubing -	to 25'b	<u>qs</u>
~ ~ .		purgina			
	v	i-Gw-	2 ·	·	
1343	collects	ample	15B-B	7-GW-2	1-25
1346	PULL UP	rods +-	woing	to 15'1	oas
1350	begin'	purging	for so	impre	
	ISB-B-	-GW-	11-15	 	
1353	Collect	Sampli	e ISB-1	87-Gw	-11-15
1358		•			ackfill
	•	<b>1</b>	J		
17				 	

lize drill rig to in advancing in purging for - B5-GW-7-11 est sample 15 in advancing 15B-B4. hpurging for - B4-GW-7-1 WT Sample 15 up remaining KRIL holes, pi ON SPILE sam B-14 hster IDW + LAWES in advance in String for Ja	-B4-GW-7-11. Wt sample 15B-B4-GW. Up remaining rods + tul KAIL NOICE, pack equipm ON SPILE samples, coll
	SPIG Sample SPIG Sample Sample B-B5-GW SPIG Samp Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sample Sa

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10°		·			rielasi
40 DZUS	Fastence				6/5/2024
	Weathe	r: 65°r	doudy,	wind 5	5 mph
		e): CD, 1			· · ·
	Objectiv	e: GwP	D1, GW	Interco	
	sample	sat 6	points c	n midd	le
	school	property	<u>.</u>		
0630	!	• •		, hadt	ailgade
	HES m				k,
0649	Calibra	-	oa U-52	- LAWE	S
			zilizatie		1
0750			9 SP16 5		
0.00	158-81		<u>) a</u> .		· · · ·
~ <b>^</b>	-		Cor Cum		
0801	Begin pi	-Gw-L	1		
0804	1			Bun-4-	8 mille
0007	Collect.		122-07-		5
	MS/M				
JOLL	Pullue		a ton	ganar	nob ti
	158-82				
0853	1 .1		ng Stile	sample	<u>ao</u>
	158-B7				ļ
<u>0902</u>	Begin p	urging	tor san	ipre	
	158-07		l		
0906	Collect	sample	15B-B2	-Gw-4	-8
	pull up	-	i		
	HO ISB			-	
0928	Begin	advanc	ing SPI	6 san	pueron
	153-6				
×	1994 - Carlos Carlos (1994)	1	1	1	1

6/5/24 Dzus Fastener (152033) \$ 0933 Begin sugar purging for sample 15B-B3-6W-3.5-75 0936 Collect sample ISB-B3-GW-3.5-7.5 0946 pull up rods and tubing and mob to 158-D3. 1002 Begin advancing SP16 sampler on <u>15B-D3</u> 1010 Begin purging for sample 15B-D3-GW-3.5-7.5 Collect sample ISB-D3-GW-3.5-7.5 1013 1018 pull up rods and tubing and mob to ISB-D2. 1034 Begin advancing SPILS sampler on 15B-D2 1041 Begin purging for sample 15B- D2-GW-3.5-7.5 0 DUP 1046 Collect Sample long 20030 Chickensets 15B-D2-GW-3.5-7.5 and 15B-GW-FD-06-06052024 1053 pull up rods and tubing and mob to ISB-DI Begin advancing stue samples @ 18B-M 1110 Begin purging for sample 1116 15B-DI-GW-7950000 4-8 Collect sample 158-DI-GW-4-8 1120 Rite in the Rain.



		EA	Engineering, I	P.C. and Its A	ffiliate EA Sci	ence and Tecl	inology	Chromese I	
								STATE OF OPPORTUNITY	Dep Envi
Review V D			<u>IN-SITI</u>	J GROUNDW	ATER SAMPL	ING FORM		Yes	Con
Boring I.D.:	ISB-AI		EA Personne	el:		Client:			
	m+ clan	no lat	Sample Date	2 1	1	Weather:	1-10-		1
Sounding N	Viethod: •		Measuremer	nt Ref: 0	<u>µ - 1</u>	Well Diamat			<u>ty</u>
	tlevor	<u>1 Okinny</u>	<u></u>	Gro		Wen Diame	.er (m):	0.5	ł
Sample ID:									
Sample ID.	18B-A1-(	<u>GW-11-15</u>	Sample Time	10.0		Depth Interv	al of Screen:	11-15-1	$\sim a$
$ \begin{array}{c} eq:logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logical_logi$									
B Denth to	Water (ft)	<u>}</u>		• /			lovea:	.O gzl	
li i	4	1.2	E. Well Volu	me (gal) C*D):	0.06	Pump Type:	11/2	teres	
C. Liquid D	epth (ft) (A-B):	S X	F. Three Well	Volumes (gal)	(1000)	Analyses:	-+		
								NIE+2	S
H I				DO	Temperatur			Rate	Т
<u>``</u>							(ft btoc)	(Lpm)	$\perp$
			<u></u>						
Sample ID:	ISB-NI C		Sample Time:			Depth Intern	al of Care	· · · · · · · · · · · · · · · · · · ·	
	100-11-0	711-21-25		- 12.41			al or Screen: 2	1-25'k	ာရ
-	<i>L</i>	25'	D. Well Volut	me (ft):	otanie	Volume Rem	oved:	= 1	
	Water (ft):				0.11				
C. Liquid De	pth (ft) (A-B):	15.8	F. Three Well	Volumes (gal) (	E3): A UV				
							# <u>+</u>	riletz	5
				DO	Temperature		DTW	Rate	T
<u>~</u>	5.94						(ft btoc)	(Lpm)	╞
						<u>1 75</u>			
Sample ID: }	<r-ni-c< td=""><td>11 2105</td><td>Sample Time:</td><td>and the second second</td><td></td><td>Denth Interna</td><td>l of Community</td><td></td><td></td></r-ni-c<>	11 2105	Sample Time:	and the second		Denth Interna	l of Community		
<u> </u>	JJJ FIL	20-01-22					ror octeen:	<u>31-35'</u>	<u>b</u>
	(3)	bas	D. Well Volun			Volume Remo			
B. Depth to W	/ater (ft): O	1.7	E. Well Volum	e (gal) C*D);	<u>ີ.</u> ກະ	Pump Type:			
C. Liquid Dep	oth (ft) (A-B):	25.8	F. Three Well V	Volumes (gal) (I	<u>1126</u> 3): 10 '2-57				
	·····						1AL IY	)etzls	
	T			DO		ORP	DTW	Rate	<b>,</b>
	(pH units)					(mV)		(Lpm)	
	(pH units)		20020	3,10	19.47	(mV)		(Lpm)	
(hrs)	(pH units)	0.126	Sloved	3,10 Sample Ir	19.47 1terval 4	(mV)	(ft btoc)	(Lpm)	
(hrs)	(pH units)	0.126	Sloved	3,10 Sample Ir 13:05	19.47 1terval 4	(mV)	(ft btoc)		
(hrs) Sample ID: } A. Well Depth	(pH units) 6.[9 638-A]-6 (ft): 45	0.126	≥lCCQ ) Sample Time:	3,10 Sample Ir 13:05 Well Vo	19.47 1terval 4	(mV) 1 4 Depth Interval	(ft bloc)	1-45'	
(hrs) Gample ID: ع A. Well Depth B. Depth to Wa	$(pH units)$ $6 \cdot [9$ $GB - A [ - 4]$ $(ft): 45$ $ater (ft): 9$	0.228 2W-41-45	Sample Time:	3,10 Sample Ir 13:05 Well Vo e (ff):	19.47 1terval 4	(mV) 14 Depth Interval	(ft bloc)	1-45'	
(hrs) Gample ID: ع A. Well Depth B. Depth to Wa	$(pH units)$ $6 \cdot [9$ $GB - A [ - 4]$ $(ft): 45$ $ater (ft): 9$	0.228 2W-41-45	Sample Time: D. Well Volume E. Well Volume	3, 10 Sample Ir 13:05 Well Vo e (ft): : (gal) C*D):	19.47 nterval 4 lume	(mV) 1 4 Depth Interval Volume Remov Pump Type:	(ft bloc) of Screen: 4 red: 2, W2-	1-45' 0 gzl terrz	
(hrs) Gample ID: ع A. Well Depth B. Depth to Wa	$(pH units)$ $6 \cdot [9$ $GB - A [ - 4]$ $(ft): 45$ $ater (ft): 9$	0.228 2W-41-45	Sample Time: D. Well Volume E. Well Volume F. Three Well V	3, 10 Sample In 13:05 Well Vo e (ft): (gal) (°D):	19.47 Iterval 4 Iume	(mV) 1 4 Depth Interval Volume Remov Pump Type:	(ft bloc) of Screen: 4 red: 2, W2-	1-45' 0 gzl terrz	6
(lars) Sample ID: J A. Well Depth B. Depth to Wa C. Liquid Dep Time	$(pH units)$ $6 \cdot [9$ $GB - A - 4$ $(ft): 4 - 5$ $ater (ff): 9, 3$ $(h (ff) (A-B): 3$ $pH$	0.).2.8 AW-41-45 1 2 55.8 Conductivity	Sample Time: D. Well Volume E. Well Volume F. Three Well V	3, 10 Sample In 13:05 Well Vo e (ft): (gal) (*D): (gal) (*D): Water Quality DO	19.47 nterval 4 lume 3): 1.10 Parameters	(mV) / 4 Depth Interval Volume Remon Pump Type: Analyses:	(ft bloc) of Screen: 4 red: 2. W2- TAL	1-45' Ogzi terrz Metz	15
(lars) Sample ID: J A. Well Depth B. Depth to Wa C. Liquid Dep Time	(pH units) 6.[9 GB-A]-4 (ft): 45 ater (ft): 9, th (ft) (A-B): 3 pH (pH units)	0.).2.8 AW-41-45 1 2 5.8 Conductivity (mS/cm)	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL	1-45' Ogzi terrz Metz	log ls
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	$(pH units)$ $6 \cdot [9$ $GB - A - 4$ $(ft): 4 - 5$ $ater (ff): 9, 3$ $(h (ff) (A-B): 3$ $pH$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V	3, 10 Sample In 13:05 Well Vo e (ft): (gal) (*D): (gal) (*D): Water Quality DO	19.47 nterval 4 lume 3): 1.10 Parameters Temperature	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	Ls v
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	Ls v
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	15
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	15
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	lbe Is
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	Ls v
(lars) Sample ID: je A. Well Depth 3. Depth to W. C. Liquid Dep Time (lars)	(pH units) $(bH units)$ $(bH units)$ $(bH units)$ $(ft): (4 - 5)$ $(ft): (4$	0.228 AW-41-45 2 5.8 Conductivity (mS/cm) 0.28	Sample Time: D. Well Volume E. Well Volume F. Three Well V Turbidity (ntu)	3, 1 0 Sample In 13:05 Well Vo e (ft): (gal) C*D): (gal) C*D): Water Quality DO (mg/L)	19.47 nterval 4 lume 30: 0.31 30: 1.10 Parameters Temperature (°C)	(mV) / 4 Depth Interval Volume Remov Rump Type: Analyses: ORP (mV)	(ft bloc) of Screen: 4 red: 2. W2- TAL DTW	1-45' Ogzi terrz Metz Rate	15

	A®	EAI	Ingineering, P	.C. and Its Ai	ffiliate EA Scie	ence and Tecl	1nology 🖌	NEW YORK	
							<u>~</u>	STATE OF OPPORTUNITY	Depart Enviro Consei
Boring I.D.:			IN-SITU	GROUNDW	ATER SAMPLI	NG FORM			consei
Dormg I.D.:	ISB-A	2	EA Personnel	LBL.	HM	Client: NYSDEC			
Location:	· · · · · ·		Sample Date:			Weather:			
Sounding Me	+ Shor	p lot	Measurement	<u> </u>	24		<u>5 F</u> ,	cloud	N
	_ Her	on Skinn	y	<u>Gron</u>	und	Well Diamet	er (in):	.5"	,
				Sample	Interval 1				
Sample ID:	6B-AZ-	GW-11-15	Sample Time	12.1	0	Depth Interv	al of Screen:	11-15 6	
A. Well Dept		- <u> </u>		/ Well V	Volume	· · · · · · · · · · · · · · · · · · ·		0 15 16	<u> a</u> p
-	172	5	D, Well Volu			Volume Rem	oved:	o gal	
B. Depth to W	Vater (ft):	85	E. Well Volum	ne (gal) C*D); (	2 06	Pump Type:		<u>o gai</u>	
C. Liquid Der	oth (ft) (A-B):	6.15	F. Three Well	Volumes (gal)	$\frac{J}{(E3)} = 100$	Analyses:	<u> </u>	EVVE	_
		6119			0.14	· · · · · · ·	TAL M.	etals	
Time	pH	Conductivity	Turbidity	Water Qualit	ty Parameters Temperature	ORP	Thinks	1 7	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	DTW (ft btoc)	Rate (Lpm)	Vo (li
<u> </u>	6.34	0.2.	0.0	7.82	19,62	14			† `
					Interval 2				<u> </u>
Sample ID:	5B-A2-	GW-21-25	Sample Time:	11:5	5	Depth Interv	al of Screen: 7	1-25 b	
A. Well Depth				Well V	olume		<i>L</i>	<u>~ v</u>	<u>15</u>
B. Depth to W	<u>~</u>	51	D. Well Volum			Volume Rem	oved:	Sazl	
C. Liquid Dep		8.85	E. Well Volum	e (gal) C*D): (	0.16	Pump Type:	Wz-	toruz	
C. Eiquia Dep	сл (п) (А-В);	16.15	F. Three Well	Volumes (gal) (		Analyses:	JAL N	letz is	
Time	pН	Conductivity	Turbidity	Water Quality					
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Vol (lit
	6.23	0.239	0.0	2.43	20.94	34		(2924)	(II
				Sample I	nterval 3				
Sample ID:	5B-A2-6	aW-31-35		11:40		Depth Interva	l of Screen: 72	1-35'1	
4 347-11 1D	(6).			Well Ve	olume			1.35	<u>egs</u>
A. Well Depth		5'	D. Well Volum			Volume Remo	wed:	) azl	
B. Depth to Wa	. 7	5.85	E. Well Volume		0.27	Pump Type:	10/2-	terra	
C. Liquid Dept	th (ft) (A-B);	26,15	F. Three Well V	olumes (gal) (I	^{E3):} O.XO	Analyses:	TAL N	Netz1	
				Water Quality			1	NE 121	>
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Vol
	6,45	10.2.86	0.0	0,43	20.36	(mV) -43	(ft btoc)	(Lpm)	(lite
				Sample In		13		<u> </u>	
ample ID:  <	B-A2-1	5101-41-41	Sample Time:	11:25	ancival 4	Depth Interval	of Screen: 11	11	
				Well Vo	olume		of Screen: 41	<u>-45' k</u>	<u> 295</u>
. Well Depth	·	5'	D. Well Volum	e (ft):		Volume Remo	ved: 70	anle	
3. Depth to Wa		5.85	E. Well Volume	(gal) C*D):	0.37	Pump Type:	WZt	<u>9&lt;17</u>	
. Liquid Deptl			F. Three Well V	olumes (gal) (E		Analyses:		KYV2	
· · · · · · · · · · · · · · · · · · ·				Water Quality	_L(V		TAL M.	etzls	
	pH (all autic)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate	Volu
Time (hrs)	(DEL MINITAL)		(ntu) ()	(mg/L) 1,68	$\frac{60}{20.30}$	(mV)	(ft btoc)	(Lpm)	(lite
Time (hrs)	(pH units) 6 - 5 9	{` <i>J</i>				-69			
(hrs)	G - 59 Observatio	0,374 NS:							
(hrs)	6-59								
(hrs)	6-59								
(hrs)	6-59								
(hrs)	6-59								
(hrs)	6-59								

			<b>bx</b> , <b>y</b> , <b>m</b> -m				. 4	NEW YORK STATE OF OFFORTUNITY	Departme Environm Conserva
Boring I.D.:	160 0	~~~->	EA Personne	GROUNDW	ATER SAMPLI	NG FORM			
Location:	<u>ISB-A</u>	<u>()</u>		LOL,	<u>HIM</u>	NYSDEC			
	p+ shor	o lot	Sample Date	5/17/	124	Weather:	56°F,c	Inuda	
Sounding Me	thod:		Measuremen	t Ref:	<u> </u>	Well Diame	ston (tar).		
	<u> </u>	<u>n Skinny</u>	<u> </u>		ound		(	0.5"	
Sample ID: 1			101. Int		Interval 1				
Sample ID,	<u>5B-A3-1</u>	<u>GW-11-15</u>	Sample Time	<u> </u>		Depth Inter	val of Screen:	11-15 6	95
A. Well Dept	n (ft);		D. Well Volu		Volume				<u> </u>
	15	<u>5                                    </u>				Volume Rei	noved:	0 92	
B. Depth to W	ater (ft):	8.5	E. Well Volu	ne (gal) C*D):	0.07	Pump Type	11/2.1		
C. Liquid Dep			F. Three Well	Volumes (gal)	(Tro)	Analyses:	0000	ewz	·
		6.5			$\underline{0,\omega}$	Analyses:	TAL N	hetals	
Time	рН	Conductivity	Turbidity	Water Quali	ity Parameters Temperature		DTW		
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Volun (liter:
	6.58	0.184	0-0	1,49	16.15	-11		<u></u>	
				Sample	Interval 2	<u></u>	!		<u>_!</u>
Sample ID:	ISB-A3-	GW-21-25	Sample Time:			Depth Interv	al of Screen;	2 1 2	
				Well	Volume			21-25	bgs
A. Well Depth		5'	D. Well Volur	.,		Volume Ren	noved:	1.5 92	1
B. Depth to Wa	-	6.5	E. Well Volum	1e (gal) C*D);	0.12	Pamp Type:	101	zterr	
C. Liquid Dep	th (ft) (A-B):	16.5	F. Three Well	Volumes (gal)	(E3): 0.50	Analyses:	Thi no	2 terr	<u></u>
				Water Quali	ty Parameters	_l	HE NH	21215	
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate	Volum
(110)	5.66	0.329	(ntu) O.D	2.96		(mV)	(ft btoc)	(Lpm)	(liters
<u></u>	7.0-	0.529			16,15	72			
Sample ID: V			C		nterval 3				
	<u>18-13-6</u>	W-31-35	Sample Time:	08:12	)	Depth Interv	al of Screen;	31-35	bas
A. Well Depth	^{(ft):} 35		D. Well Volum	Well V	olume	1			<u> </u>
B. Depth to Wa	$\sim 0^{-1}$			• •		Volume Rem	oved:	5 921	
	· · · · · · · · · · · · · · · · · · ·	6.5	E. Well Volum	ſ	0.27	Ритр Туре:	Wizt		
C. Liquid Dept	n (ft) (A-B):	26.5	F. Three Well V	/olumes (gal) (	E3): 0.81	Analyses:		etzis	
		· · · · · · · · · · · · · · · · · · ·		Water Qualit	y Parameters	<u> </u>	1716 111	<u>erzis</u>	
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO	Temperature	ORP	DTW	Rate	Volum
	5.66	0.329	0.0	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
				2.96	16.15	72	<u> </u>	<u> </u>	
Sample ID: [<	12 00 1	· · · · · · · · · · · · · · · · · · ·	Sample Time:	Sample I	nterval 4				
	10-H3-6		cample Time,	07:55		Depth Interva	ll of Screen: L	<u>11-45</u>	1 begs
A. Well Depth (	ft): 45' <b>1</b>	,	D. Well Volum	Well Ve	olume	Volume Remo			
B. Depth to Wat			E. Well Volume				oved: 2,0	921	
C. Liquid Depth	C		E Three Martin		137	Ритр Туре:	W2:	tevrz-	
a aqua bepa		36.5	F. Three Well V		WIL	Analyses:	TAL ME	tak	
Time	pH	Conductivity	Turbidity	Water Quality				<u></u>	
(hrs)	(pH units)	(mS/cm)	(ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate	Volume
	5.04	0-522	963	3.23	15.41	157-	(11 0100)	(Lpm)	(liters)
VOMANTENIEC O	OBSERVATIO	NS:			<u>,</u>				
COMPLEMES &									
							<u> </u>		

		EAL E	Engineering, I	AC. and Its A	Affiliate EA Sc	ience and To	echnology	NEW YOR	K Dam
							- 2	STATE OF OPPORTUNITY	K Depa Envir Cons
Boring I.D.:	158-A4		EA Personne		ATER SAMPL				Cons
Location;	128-A4				-lm	Client: NYSDEC			
Store	Shop fron	Hist	Sample Date	1 1 *		Weather	t 60		
Sounding M	fethod;	<u> </u>	Measuremen	<u>5 15 </u>	A	Well Dian	10'F r	$\frac{r2in}{D.5}$	
	Heven	n Skinny		<u><u> </u></u>			neter (in);	1.5"	
Sample ID: (	60				Interval 1				
	15B-44-6	<u>1W-[[-[5</u>	Sample Time	$\underline{U}$		Depth Inte	erval of Screen:	11-19	
A. Well Dep	^{th (ff):} 15	1	D. Well Volu	Well me (ft):	Volume				5 5
B. Depth to V	17	· · · · · · · · · · · · · · · · · · ·				Volume Re	emoved:	1.0 a	2
	<u> Ч</u> ,	1	E. Well Volur	ne (gal) C*D):	0.06	Pump Typ	e Mal		<u></u>
C. Liquid De	epth (ft) (A-B);	5.9	F. Three Well	Volumes (gal)	(E3): 0.18	Analyses:			
			_!	Water Ouali	ty Parameters		TAL M	etzls	
Time (hrs)	pH (pH units)	Conductivity		DO	Temperature	e ORP		Rato	
	6.29	(mS/cm) <i>1</i> , 2, 7 -	(ntu)	(mg/L)	<u>(°C)</u>	(mV)	(ft btoc)		
			1 294	2.72	16.36	16			
Sample ID: 10	SPLAN A.		Sample Time:	Sample ]	Interval 2	······			
	513-A4-G1	<u>w-21-25</u>	Cample Time:	089		Depth Inter	val of Screen:	21-2	5 6
A. Well Depti	h (ft): 2	<	D, Well Volum	Well V	olume				
B. Depth to W	ater (ft): 0		E. Well Volum	1 1 01-1		Volume Ren		1.5 g	zl
C. Liquid Dep		15.9			0.16	Pump Type	<u> </u>	zterrz	
		10.1			E3): 0.49	Analyses:			
Time	pН	Conductivity	Turbidity	Water Qualit DO	y Parameters Temperature	ORP			
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)		Ve (li
	6.10	0.261	129	1147					
			<u> </u>	1.43	1 1/1.32	212			
annul ID				Sample I	<u>  16 - N</u> nterval 3	27			
ample ID:	6B-A4-GI	W-31-35				Depth Interv	al of Screen:	21-20	
)7			Sample Time:	Sample In Well Vo	nterval 3		al of Screen:	31-35	
. Well Depth	(fi): 35		Sample Time: D. Well Volume	Sample In Well Va	nterval 3				ba
. Well Depth . Depth to Wa	(ff): <u>35</u> iter (ff): 9	, (	Sample Time: D. Well Volume E. Well Volume	Sample In Well Vo (gal) C*D):	nterval 3	Depth Interv			ba
. Well Depth	(ff): <u>35</u> iter (ff): 9	, (	Sample Time: D. Well Volume E. Well Volume	Sample In Well Vo (gal) C*D):	nterval 3	Depth Interv Volume Rem	ioved: 1 W2	·5 gz	1 2
) T . Well Depth . Depth to Wa . Liquid Dept	(ft): 35 Iter (ft): 9 h (ft) (A-B): 2	.l .5.9	Sample Time: D. Well Volume E. Well Volume F. Three Well Vo	Sample In Well Vo (gal) C*D): (gal) C*D): (blumes (gal) (E Water Quality	nterval 3 ^{Dlume} <u>) · 26</u> ^{(3):} () ; <del>7</del> 9	Depth Interv Volume Rem Pamp Type:	ioved: 1 W2	·5 gz	1 2
. Well Depth . Depth to Wa	(ff): <u>35</u> iter (ff): 9	Conductivity	Sample Time: D. Well Volume E. Well Volume F. Three Well Vo Turbidity	Sample In Well Vo (gal) C*D): (gal) C*D): (blumes (gal) (B Water Quality DO	Dume D.26 ^{(3):} O.79 Parameters Temperature	Depth Interv Volume Rem Pump Type: Analyses: ORP	ioved: 1 W2	·5 g2 terra	1 2
) Time	(ft): 35 tter (ft): 9 h (ft) (A-B): 7 pH (pH units)	Conductivity (mS/cm)	Sample Time: D. Well Volume E. Well Volume F. Three Well Vo Turbidity (ntu)	Sample In Well Vo (gal) C*D): (gal) C*D): (gal) C*D): (mumes (gal) (E Water Quality DO (mg/L)	Diume D. 26 ^{(3):} 0.79 Parameters Temperature (°C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV)	ioved: 1 Wz TAL M	·5 g2 terra etzls	1 2
) Time	(ft): 35 tter (ft): 9 h (ft) (A-B): 7 pH (pH units)	Conductivity (mS/cm)	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) سر کا س	Sample In Well Vo e (ft): (gal) C*D): (gal) C*D): (gal	Diume D.26 (3): 0.79 Parameters Temperature (C) Ub, 46	Depth Interv Volume Rem Pump Type: Analyses: ORP	TALM	·5 g2 terra etzls	1 2 Vol
) Time (hrs)	(ft): 35 tter (ft): 9 h (ft) (A-B): 7 pH (pH units) 5,92	Conductivity (mS/cm) 0.232	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) سر کا س	Sample In Well V( (gal) C*D): (gal) C*D): (mg/L) 2, & 4 (mg/L) ample In	Diume D.26 (3): O.79 Parameters Temperature (°C) U.C.46 U.C.46 tterval 4	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV)	IOVEd: 1 W2 TALM DTW (ft bloc)	15 g2 terrz etzls Rate (Lpm)	1 2 Vol
. Well Depth . Depth to Wa . Liquid Dept Time (hrs)	(ft): $35$ ter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5.92 18-94-5W	Conductivity (mS/cm) 0.232	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) (ntu) الار	Sample In Well Vo (gal) C*D): ( olumes (gal) (B Water Quality DO (mg/L) 2. & 4 ample In O () 2. C	Diume D.26 (3): 0.79 Parameters Temperature (°C) U. 46 U. 46 Uterval 4	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV)	IOVEd: 1 W2 TALM DTW (ft bloc)	15 g2 terrz etzls Rate (Lpm)	1 2 Vol
Well Depth Depth to Wa Liquid Dept Time (hrs)	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5.92 9-94-6W (ft): $45$	Conductivity (mS/cm) 0.232	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) (ntu) الار	Sample In Well V( (gal) C*D): ( olumes (gal) (B Water Quality DO (mg/L) 2, & 4 atmple In OX; 2, C Well Vol	Diume D.26 (3): 0.79 Parameters Temperature (°C) U.C.46 Atterval 4	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) CP (mV) Depth Interva	DTW (ft btoc)	15 g2 terrz etzls Rate (Lpm)	1 2 Vol
Well Depth Depth to Wa Liquid Dept Time (lurs) Imple ID: 15 Well Depth (1 Depth to Wate	(ft): 35 tter (ft): 9 h (ft) (A-B): 2 pH (pH units) 5.92 10-14-6W ft): 45 er (ft): 9	Conductivity (m8/cm) 0.232	Sample Time: D. Well Volume E. Well Volume F. Three Well Vo Turbidity (ntu) المرابع Sample Time:	Sample In Well Vo (gal) C*D): (gal) C*D): (gal) C*D): (mg/L) 2, 8 4 ample In (S) 2, 2, 0 Well Vol (ft):	Delume D · 26 (3): O: 79 Parameters Temperature (°C) U.C. 46 Atterval 4	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) (mV) Q Depth Interva	I of Screen:	15 g 2 terr etzls Rate (Lpm) 4(-4	Vol (liii
Well Depth Depth to Wa Liquid Dept Time (hrs)	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5,92 9-94 - 6W ft): $45$ er (ft): $9$	$\frac{1}{5.9}$ Conductivity (mS/cm) 0.232 0.41-45	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) الا الح Sample Time: D. Well Volume (	Sample In Well Vol (gal) C*D): ( olumes (gal) (F Water Quality DO (mg/L) 2. & 4 ample Im OS; 2.0 Well Vol (ft): gal) C*D):	nterval 3 $0 \cdot 26$ $3 \cdot 0.79$ Parameters Temperature $C_0$ $U_c, 4C$ nterval 4 0, 3.7	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) <b>Y</b> Depth Interva Volume Remo Pump Type:	DTAL M DTW (ft btoc) I of Screen: wed:	15 g2 terr etzls Rate (Lpm) 41-44 Azerr rvz	Vol (liii
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH       (pH units) $5$ $92$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$ $69$ $94$	$\frac{5.9}{0.232}$	Sample Time: D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) المراكع Sample Time: D. Well Volume ( E. Well Volume (	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) 2. & 4 ample In (DX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3	nterval 3 plume $2 \cdot 26$ $3^{3}: 0, 79$ Parameters Temperature (C) UE, 46 Aterval 4 blume 0, 37	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) <b>Y</b> Depth Interva Volume Remo Pump Type:	DTAL M DTW (ft btoc) I of Screen: wed:	15 g2 terr etzls Rate (Lpm) 41-44 Azerr rvz	Vol (liit
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5 . 92 b - 94 - 5W ft): $45$ er (ft): $9$ (ft) (A-B): $31$ pH	$\frac{5.9}{0.232}$	Sample Time: D. Well Volume E. Well Volume F. Three Well Volume (ntu) است المالية Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol W	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) 2. & 4 ample In O & 2. C Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO	nterval 3 0 $263$ $0.79ParametersTemperature(C)16.4616.4616.37$	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) <b>Y</b> Depth Interva Volume Remo Pump Type:	INVED: I TAL M DTW (ft bloc) I of Screen: Wed: WE Fel TAL Mer	15 g2 et21s Rate (Lpm) 41-41 M2 Brv. rv2 t21s	Vol (lit 5 togs 2.0 g
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5 . 92 35 . 92 45 . 94 - 5W ft): $45$ er (ft): $9$ (ft) (A-B): $31$ pH (pH units)	Conductivity (mS/cm) 0.232 -4 -45  5.4 Conductivity (mS/cm)	D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) → 10 & J Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol Well Volume ( F. Three Well Vol	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) Z. & 4 ample In OX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO (mg/L)	nterval 3 olume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{C}, 4C$ Aterval 4 2 1.10 Parameters Temperature (C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) C C Depth Interva Volume Remo Pump Type: Analyses: ORP (mV)	DTAL M DTW (ft btoc) I of Screen: wed:	-5 g2 -terr et21s Rate (Lpm) 	Vol
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time (hrs)	(ft): $35$ tter (ft):       Q         h (ft) (A-B):       2         pH       (pH units) $5$ $92$ $4b^{-}$ $944 - 540$ ft): $45$ er (ft):       Q         (ft) (A-B): $31$ pH       (pH units) $5$ $92$ $4b^{-}$ $640$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$	$\frac{1}{5.9}$ Conductivity (m8/cm) 0.232 0-41-45 1 5.9 1 Conductivity (m8/cm) 0.401	Sample Time: D. Well Volume E. Well Volume F. Three Well Volume (ntu) است المالية Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol W	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) 2. & 4 ample In O & 2. C Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO	nterval 3 olume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{C}, 4C$ Aterval 4 2 1.10 Parameters Temperature (C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) C C Depth Interva Volume Remo Pump Type: Analyses: ORP (mV)	INVEDENTIAL M DTW (ft bloc) I of Screen: Wed:	-5 g2 -terr et21s Rate (Lpm) 	Va 1 2 5 1 bg 2.0 g
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time (hrs)	(ft): $35$ tter (ft): $9$ h (ft) (A-B): $2$ pH (pH units) 5 . 92 35 . 92 45 . 94 - 5W ft): $45$ er (ft): $9$ (ft) (A-B): $31$ pH (pH units)	$\frac{1}{5.9}$ Conductivity (m8/cm) 0.232 0-41-45 1 5.9 1 Conductivity (m8/cm) 0.401	D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) → 10 & J Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol Well Volume ( F. Three Well Vol	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) Z. & 4 ample In OX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO (mg/L)	nterval 3 plume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{c}, 4c$ nterval 4 hume 0.37 1.10 Parameters Temperature	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) I I Depth Interva Volume Remo Pump Type: Analyses:	INVEDENTIAL M DTW (ft bloc) I of Screen: Wed:	-5 g2 -terr et21s Rate (Lpm) 	Va (1) 2 5 1/2 2.0 g
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time (hrs)	(ft): $35$ tter (ft):       Q         h (ft) (A-B):       2         pH       (pH units) $5$ $92$ $4b^{-}$ $944 - 540$ ft): $45$ er (ft):       Q         (ft) (A-B): $31$ pH       (pH units) $5$ $92$ $4b^{-}$ $640$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$	$\frac{1}{5.9}$ Conductivity (m8/cm) 0.232 0-41-45 1 5.9 1 Conductivity (m8/cm) 0.401	D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) → 10 & J Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol Well Volume ( F. Three Well Vol	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) Z. & 4 ample In OX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO (mg/L)	nterval 3 olume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{C}, 4C$ Aterval 4 2 1.10 Parameters Temperature (C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) C C Depth Interva Volume Remo Pump Type: Analyses: ORP (mV)	INVEDENTIAL M DTW (ft bloc) I of Screen: Wed:	-5 g2 -terr et21s Rate (Lpm) 	Val Val (lia 2.0 g
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time (hrs)	(ft): $35$ tter (ft):       Q         h (ft) (A-B):       2         pH       (pH units) $5$ $92$ $4b^{-}$ $944 - 540$ ft): $45$ er (ft):       Q         (ft) (A-B): $31$ pH       (pH units) $5$ $92$ $4b^{-}$ $640$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$	$\frac{1}{5.9}$ Conductivity (m8/cm) 0.232 0-41-45 1 5.9 1 Conductivity (m8/cm) 0.401	D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) → 10 & J Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol Well Volume ( F. Three Well Vol	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) Z. & 4 ample In OX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO (mg/L)	nterval 3 olume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{C}, 4C$ Aterval 4 2 1.10 Parameters Temperature (C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) C C Depth Interva Volume Remo Pump Type: Analyses: ORP (mV)	INVEDENTIAL M DTW (ft bloc) I of Screen: Wed:	-5 g2 -terr et21s Rate (Lpm) 	Vol
Well Depth Depth to Wa Liquid Dept Time (hrs) Well Depth (i Depth to Wate Liquid Depth Time (hrs)	(ft): $35$ tter (ft):       Q         h (ft) (A-B):       2         pH       (pH units) $5$ $92$ $4b^{-}$ $944 - 540$ ft): $45$ er (ft):       Q         (ft) (A-B): $31$ pH       (pH units) $5$ $92$ $4b^{-}$ $640$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $440^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $610^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $910^{-}$ $510^{-}$ $72^{-}$	$\frac{1}{5.9}$ Conductivity (m8/cm) 0.232 0-41-45 1 5.9 1 Conductivity (m8/cm) 0.401	D. Well Volume E. Well Volume F. Three Well Vol Turbidity (ntu) → 10 & J Sample Time: D. Well Volume ( E. Well Volume ( F. Three Well Vol Well Volume ( F. Three Well Vol	Sample In Well Vol (gal) C*D): ( olumes (gal) (E Water Quality DO (mg/L) Z. & 4 ample In OX: 2.0 Well Vol (ft): gal) C*D): lumes (gal) (E3 Vater Quality I DO (mg/L)	nterval 3 olume $2 \cdot 26$ 33: 0.79 Parameters Temperature (C) $U_{C}, 4C$ Aterval 4 2 1.10 Parameters Temperature (C)	Depth Interv Volume Rem Pump Type: Analyses: ORP (mV) C C Depth Interva Volume Remo Pump Type: Analyses: ORP (mV)	INVEDENTIAL M DTW (ft bloc) I of Screen: Wed:	-5 g2 -terr et21s Rate (Lpm) 	Vol (lit 2 2.0 g

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Boring I.D.: 15B-A-5 EA Personnel: LBL, HM Client: NYSDEC Location: Stop + Shop Lot Sample Date: 5/15/2.4 Weather: 5.7° F. Y.2.in Sounding Method: Heron Skinny Measurement Ref: Ground Well Diameter (in): 0.45" Sample ID: 15B-A5-GW-11-15 Sample Time: 15:50 Depth Interval of Screen: 11-15' E Well Volume	epartme ivironme onservat
Sounding Method:       Heron Skinny       Measurement Ref:       Ground       Weil Diameter (in):       O + 5"         Sounding Method:       Heron Skinny       Measurement Ref:       Ground       Weil Diameter (in):       O + 5"         Sample ID:       ISB-A5-GW-11-[5]       Sample Time:       L5:50       Depth Interval of Screen:       11-15" b         Weil Volume	
Location: Sop + Shop Lot Sample Date: 5/15/2.4 Weather: 57°F, r2.in Sounding Method: Heron Skinny Measurement Ref: Ground Well Diameter (in): 0.5" Sample ID: 15B-A5-GW-11-15 Sample Time: 15:50 Depth Interval of Screen: 11-15' b Well Volume	
Sop + Shop       Lot       Sample Date:       5/15/2.4       Weather:       57° F.       YZIN         Sounding Method:       Heron       Skinny       Measurement Ref:       Ground       Well Diameter (in):       0.5 "         Sample ID: 15B-A5-GW-11-15         Well Volume         Well Volume	
Sample ID: 15B-A5-GW-11-15 Sample Time: 15:50 Depth Interval of Screen: 11-15 Well Volume	
Sample ID: 15B-A5-GW-11-15 Sample Time: 15:50 Depth Interval of Screen: 11-15 Well Volume	
Sample ID: 15B-A5-GW-11-15 Sample Time: 15:50 Depth Interval of Screen: 11-15 6 Well Volume	
Well Volume	
A. Well Depth (ft): D. Well Volume (ft): Volume Venoved	<u>\$95</u>
Volume Removed:	
$\partial_{\mu} = \frac{\partial_{\mu}}{\partial t} \partial_{\mu} $	
F. Three Well Volumes (gal) (E3):	
Water Quality Parameters	
(hrs) (blues/is) Conductivity Turbidity DO Temperature ORP DTW Rate	Volum
(may (may cm) (may (may) may(may)))))))))))))))))))))))))))))))))	(liters)
Sample Interval 2	
Sample ID: 15B-A5-GW-21-25 Sample Time: 15:25 Depth Interval of Screen: 21-25' Well Volume	
Well Denth (ff):	<u> </u>
3. Depth to Water (ft): 0' E Wall Volume ( A CAD)	
rump type: 11) and only of the rump type:	
10 Analyses: TA) Motals + MA	NA
Time pH Conductivity Turbidity DO Temperature ORP DITU	
(ms) (pri units) (mS/cm) (ntu) (mg/L) (°C) (mV) (ft btoc) (Lpm)	Volum (liters)
6,42 0.163 614 1.31 17.44 29 (Lpm)	
Sample ID: 4 a	
ample ID: 15B-A5-GW-31-35 Sample Time: 151 C Depth Interval of Screen: 31-35' Well Volume 31-35' Voc	. <
Well Depth (ff):	<u> </u>
Depth to Water (ft): $0!$ E Well Welling ( ) $0$ (2)	
Liquid Depth (ft) (A-B): 2(1) II The William O. 20 ramp type: W2terrz	
Lo Analyses: The Manalyses:	
Time         pH         Conductivity         Turbidity         DO         Temperature         ORP         DTW         Rate           (hrs)         (all mile)         (all mile)         (all mile)         (blue)         (blue	
(hrs) (pH units) (mS/cm) (ntu) (mg/L) (°C) (mV) (ft btoc) (Lpm)	Volume (liters)
0.07 0.299 0.0 1.89 18.2.5 2	(
Sample Interval 4	
mple ID: SB-A5-GW-41-49Sample Time: 1455 Depth Interval of Screen: 11-45' k	. e
Well Denth (ff)	32
Depth to Water (ft): $0$ F Wall Values (a) 0 (10)	
Liquid Depth (ff) (A-B): mel III Three Welly 2 (3) of 1 - 51 W2 terrz	
30 Analyses: That Whet a le	
Time         pH         Conductivity         Turbidity         DO         Temperature         ORP         DTW         Rate         N           (hrs)         (nFl naite)         (mS (m))         (mS (m))         DO         Temperature         ORP         DTW         Rate         N	
(ms) (p1 auts) (ms/cm) (ntu) (mg/L) (°C) (mV) (ft btoc) (Lm)	Volume (liters)
6.57 0.249 0.0 1.89 18.25 2 (1984) (1984)	
	=
Collect ISB-GW-FD-02-05152024 @ 21-25' interval	
The second secon	

LQB-5 16:25

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Boring I.D.:	IN-SITU EA Personnel	GROUNDW.	ATER SAMPL	ING FORM		East	Conserva			
Boring I.D.: ISB-A6	C D	iai		Client:						
Location:	Sample Date:		·····	NYSDEC Weather						
Ace Mardware Parking Loit	- 5/21 Measurement	12024		570	Finade	$\frac{1}{1-3}$ $\frac{1}{2}$ $$				
		Ref: Grade		Well Dian	eter (in);	<u> </u>	7			
			<b>T</b>		44 O-S	·	_			
Sample ID: 15:0 al Contact	Sample Time:		Interval 1							
Sample ID: 156-A6-GW-11-15	Cample Time:			Depth Inte	rval of Screen:	1-15				
A. Well Depth (ft):	DWAR	Well V	Volume							
15	D. Well Volun	$\simeq 0.01$	ഹ്	Volume Re	emoved:	«				
B. Depth to Water (ft): 7.65	E. Well Volum	ie (gal) C*D):	00	Pump Type	<u> </u>	<u> 9 9 1 </u>				
C. Liquid Depth (ft) (A-B):	1	ററ	18	_1	Waterra	punp				
7.65 C. Liquid Depth (ft) (A-B): 7.35	F. Three Well	Volumes (gal) ( <u>D (D)</u> O ₄	(E3): 2 2	Analyses:			·			
		Water Qualit	v Parameters	_l`	TAL MOte	ماح				
Time pH Conductivity (hrs) (pH units) (mS(cm)	Turbidity	DO	Temperatur	e ORP	TYTA					
	<u>(nta)</u>	(mg/L)	(°C)	(mV)			Volum (liters)			
100 6.55 0.254	1000	2.17	19.12	-47			(inters			
		Sample I	nterval 2	<u>(</u>		<u></u>				
ample ID: 158-A6-GW-21-25	Sample Time:	1040	the second s	Depth Inter	val of Com-					
		<u>7070</u> Well V		Deptit inter	$\frac{1}{2}$	1-25				
Well Depth (ft): 25	D. Well Volum	e (ff) 9 0		Volume Rei						
. Depth to Water (ff): 7.65	E. Well Volume	( )				gal				
Liquid Depth (ft) (A-B): 17.35	E TI VIIII	- (gau) C 12);	0.18	Pump Type:	Water	a pump				
11.35	F. Three Well V	olumes (gal) (I	^{E3):} D.54	Analyses:						
Time pH Conductivity		Water Quality	/ Parameters			THE TENS				
Time pH Conductivity (hrs) (pH units) (mS/cm)	Turbidity (ntu)	DO	Temperature	ORP	DTW	Rate	Volume			
040 6.28 0.228	2000	(ing/L)	(°C)	(mV)	(ft btoc)		(liters)			
P. FO 9.640		1.54	18.83							
imple ID: 160 parts of the art	S	bample Ir	nterval 3							
15B-16-GW-31-35	Sample Time:	1028		Depth Interv	al of Screen:	26				
Well Depth (ft): $3 <$		Well Vo	lumo		3	1-33				
	D. Well Volume	<b>働: ~ 6 f</b>	20103	Volume Rem	oved:	· · · · · · · · · · · · · · · · · · ·				
	e, Well Volume	(gal) C*D):		Pamp Type:	<u> </u>	901				
Liquid Depth (ft) (A-B): 27.35	F. Three Well Vo	Lunge (gal) (E	2028		Water	a-pump				
21.30	F. Three Well Vo	aumes (gan) (E:	<u>** 0,85</u>	Analyses:						
		Vater Quality	Parameters							
Time pH Conductivity (hrs) (pH units) (mS/cm)	Turbidity (ntu)	DO (mg/I)	Temperature	ORP		Rate	Volume			
028 6.18 0.164		(mg/L) 2,79		(mV)	(ft btoc)	(Lpm)	(liters)			
			18.87	26						
nple ID: 100 to to a final statements	S	ample In	terval 4							
nple ID: 158-A6-GW-41-45 S	ample Time:	010		Depth Interva	l of Screen: ///	-110				
Well Depth (ft):		Mall M. 1	ume		91	- 72				
<u> </u>	). Well Volume (	第二 へひ.	0103	Volume Remo	ved: -	······································	· <u> </u>			
Depth to Water (ft): 7.65 E	. Well Volume (g	(al) C*D): 🕐	2.38	Pump Type:						
	Three Well Vol	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Analyses:	Water	a pun	<u> </u>			
- 18.50			1110	ranalyses:	TALr	netals				
Time pH Conductivity	Wi Turbidity	ater Quality P DO								
(hts) (pH units) (mS/cm)	(ntu)	(mg/L)	Temperature (°C)	ORP (mV)	DTW (ft htee)	Rate	Volume			
010 5.66 0.354	20001	2.77	19.16	107	(ft btoc)	(Lpm)	(liters)			
MMENTS & OBSERVATIONS:		<u>~~1</u>	11.10	10/						
h an lac										
N WH/WC.										

					Affiliate EA S		ے "	NEW YORK	Depar Enviro Conse
Boring I.D.: 1	<u> </u>		EA Personi	U GROUND	<u>WATER SAMP</u>	LING FORM		All and a second se	Conse
Location:	SB-A-	7		LISL	,CD -	Client: NYSDEC			
C2p	treel	-04	Sample Da	te: 5/2	174	Weather;	1500		
Sounding Me	thod:	- Chin	Measureme	int Ref:	<u>"                                     </u>	Well Dia	65° P	sunn	1
<u> </u>		on Skinn	<u>YL</u>		round		(n):	3.5"	1
Sample ID:	CP - 10	<u>()</u>	E		Interval				
<u> </u>	<u>SB-A7-</u>	-GW-11-15	Sample Tin			Depth Int	erval of Screen:	11-15	Januar C
A. Well Depth	(ft): 1 (-		D. Well Vol	Wel	l Volume				<u> </u>
B. Depth to Wa	ter (ff): 1/	<u>)                                    </u>				Volume R	emoveď:	0921	
r				une (gal) C*D);		Pamp Typ	e;		
C. Liquid Dept	h (ft) (A-B):		F. Three We	Il Volumes (gal	(E3);	Analyses:	<u> </u>	2 Terrz	
				Water Ona	lity Parameters		TALY	netz	ls
Time (hrs)	pH (pH units)	Conductivity		DO	Temperatu		DTW		
1515	(pir units)	(mS/cm) 0.23\	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Vo (li
	$0 \cdot i \varphi$	10.201	>1000		<u> </u>				
Sample ID: 10	12 h-1	( . ) at	Sample Time		Interval 2				<u></u>
<u> </u>	<u>10-41-</u>	GW-21-25		<u> </u>		Depth Inte	wal of Screen:	21-25	60
A. Well Depth (	^{(ff):} 25		D. Well Volu	Well me (ft):	Volume	<u></u>			
B. Depth to Wat	er (ft):			me (gal) C*D);		Volume Re		1.5 92	.1
C. Liquid Depth				Volumes (gal)	(122).	Pump Type	- W2t	evrz	
	·····				-	Analyses:		Netzk	
Time (hrs)	pH	Conductivity	Turbidity	DO DO	ty Parameters Temperature	e ORP	DTW		
	(pH units)	(mS/cm) 0.382_	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Vol (lite
1000	6.60	0.382	1000	0.40	17.96	-57			
Sample ID:				Sample I	nterval 3				
Sample ID: 5	<u>8-A+-(</u>	-W-31-35	Sample Time:	1430		Depth Inter	al of Screen:	31-35	L
A. Well Depth (f	* 35		D. Well Volun	Well V	olume			1.32	<u>bgs</u>
B. Depth to Wate			E. Well Volum			Volume Ren	voved: ],î	5 921	
C. Liquid Depth	120					Ратр Туре:	W2.	terrz	
			F. Three Well V			Analyses;	TALV	Netzi	<u>e</u> i
Time	рң	Conductivity		Water Qualit				- Ver Z t	2
81.00	(pH units)	(mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW	Rate	Volu
1450 1	0.53	0-182	71000	3.63	18.35	<u>(mv)</u> -17	(ft btoc)	(Lpm)	(lite
				Sample I	nferval 4			l	
ample ID: 15B	-A7-GN	1-41-45	Sample Time:	1430		Depth Interva	l of Screen t	1 11	
	·			Well Vo	olume			1-4-5'1	DATS
. Well Depth (ft)	- PP 3		D. Well Volumo	e (ft):		Volume Rem	oved: 2.0		<u>~</u>
. Depth to Water			. Well Volume			Pump Type:		- <u></u>	
. Liquid Depth (f	t) (A-B):	1	. Three Well Vo	olumes (gal) (E	3):	Analyses:		erve_	
Time				Water Quality	Parameters	<u> </u>	TAL N	<u>Netzls</u>	
<u>(hrs)</u> (1	pH pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO	Temperature	ORP	DTW	Rate	Volun
1430 6	.62	1179	>1000	(mg/L) 4.80	<u>(°C)</u>	(mV)	(ft btoc)	(Lpm)	(liters
OMMENTS & OB	SERVATIONS	<u>********</u> %:		-1.00	18.48	-8			
KB-F	nit no.	Dealer	NT					· · · · · · · · · · · · · · · · · · ·	
<u>~</u>		orded,	DIM P	etuee	<u>n 5-10'</u>	bys			
	<u> </u>		· · <b>-</b> -			·			

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						itence and i	echnology ک	NEW YOR	Environme
Boring I.D			IN-SIT	<u>U GROUNDW</u>	ATER SAMPL	JNG FORM		Y	Conservatio
Location:	<u>"ISB-A8</u>	<u>&gt;</u>		LBI I	CD.	Client:			
	201000	Lint	Sample Dat			Weather:			
Sounding I	Method:	<u>    10                                </u>	Measureme	$\frac{\mathcal{D}/22}{\mathcal{D}/22}$	/24		hla°F.	SUNNY	i
	<u>tten</u>	<u>m Steinn</u>	<u>V</u>	Livor	und	Well Dia	meter (in);	A E M	
0 1 700					Interval 1			<u> </u>	
Sample ID:	15B-A8-	-GW-II-U	5 Sample Tim	· 1045			erval of Screen:		
A. Well Deg		······		Well	Volume		cival of Screen;	11-15'1	୭୦ଣ୍ଡର
	12	5	D. Well Volt		0103	Volume R	emoved:		
B. Depth to	Water (ft): 7	.05	E. Well Volu	me (gal) C*D):				1sp0.	
C. Liquid D					0,08	Pump Typ	νe:	24.00	
	-e (19 (11-D).	7.95	F. Three Well	l Volumes (gal)	(E3): の つは	Analyses:	V	CTEVY2	
Time	· · · · · · · · · · · · · · · · · · ·			Water Qualif	ty Parameters		TALP	Netzle	<u>ک</u>
(hrs)	pH (pH units)	Conductivity (mS/cm)		DO	Temperature	e ORP	DTW		
1043	6.40		$\frac{(ntu)}{3 > 100 t}$	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)
<u></u>					18.24	-5-	7	- <u>, , , , , , , , , , , , , , , , , , , </u>	(inters)
ample ID:				Sample I	nterval 2				
	<u> 38-48-6</u>	W-21-25	Sample Time:	030		Depth Inte	rval of Screen:		
. Well Dept			ID M. HAV	Well V	olume			2-25'	bas
. Depth to W	L.		D. Well Volur		003	Volume Re	moved:	Ead	
	pth (ft) (A-B);	.05	E. Well Volum	e (gal) C*D):	0,18	Pump Type	· · · ·	<u>&gt; g21</u>	
	рил (п) (А-В);	17.95	F. Three Well	(Volumes (gal) (E	^{3);} 0 55	Analyses:	<u></u>	terrz	
Time				Water Quality	Parameters		<u></u>	Metz	5
(hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Pata	
1030	6.34	0.179	(ntu)	(ing/L)	<u>(°C)</u>	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)
	0.01	0.11	>1000	3.38	18.18	-6		· · · · · · · · · · · · · · · · · · ·	(11.013)
imple ID: 10	540 . A 21		(C	Sample In	iterval 3				<u> </u>
	<u>&gt;0 AR-C</u>	W-31-35	Sample Time:	1015		Depth Interv	al of Screen:	31-35'	······
Well Depth	(#): 35		In Walks	Well Vol	lume			31-35'	bgs_
Depth to Wi			D. Well Volume	(Y). O	103	Volume Ren	oved:	5	
Liquid Dans	1 (0) (1 )	.05	E. Well Volume		.29	Pump Type:	<u> </u>	<u>.5 gzl</u>	
	h (ft) (A-B): 2	7.95	F. Three Well V	olumes (gal) (E3	»: 0.86	Analyses:	-W2t	the second se	
	_		Ĭ	Water Quality I			TALM	etzls	·
Time (hrs)	pH (pH units)	Conductivity	Turbidity	DO	Temperature	ORP	DTW		
015	6.21	(mS/cm) ムフロイ	(ntu)	- (mg/L)	(°C)	(mV) 🐇	(ft btoc)	Rate (Lpm)	Volume
	0.01	6.201	>1000	1.67 1	8.81	7.6		(-(-)	(liters)
aple ID:			S	ample Int	terval 4			<u></u>	
<u> </u>	B-A8-(1)	W-41-45	Sample Time: (	2950		Depth Interva	l of Screen:	-45'h	
Vell Depth (i				Well Volu				<u>-45 b</u>	<u> 25 </u>
Pepth to Wat	<u> </u>		D. Well Volume		3 1	olame Remo	ved: 7	(i) and	<u></u>
			. Well Volume (		39 1	итр Туре:	s . A 1	.0.g21	
iquid Depth	(ft) (A-B); 3	7.95 T	. Three Well Vol	lumes (gal) (E3):	<u>~ +</u>	nalyses:		ervz_	
Time			Ŵ	ater Quality Pa			TALIN	let21s	
(hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO T	emperature	ORP	DTW 1		
750 1	5.82	(J. 3)8	(ntu)	(mg/L)	്റ	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)
	DESERVATION	<u> </u>	>1000	<u>4.00 []</u>	9.00	49		<u>, r-y</u>	(111018)
	100					╤╅╤╧╦╴╤┸	╺─────────		
N CAL	YQC.								
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		IN-SITU	GROUNDWA	TED CANADA	NOTOPLE		Y	Conservat		
Boring I.D.: $SQ - AQ$	······································	EA Personnel:	<u>Sincond</u> WA	TER SAMPLI	<u>NG FORM</u> Client:					
Location:		C.Der	rice, L.C.	Backenon-Li	ADVCDBC					
	Lot	Sample Date:	12024		Weather:					
Ace Mardware Sounding Method:		Measurement	<u>Ref</u>		1	OF,SW	F, Suny in: $f$ Screen: $11-15$ $f+ p_{9S}$ d: 0.5 ga( f Conserved $f$ Screen: $11-15$ $f+ p_{9S}$ d: 0.5 ga( f Conserved f Conserved f Screen: $21-25f$ Conserved f DTW Rate Volume f Conserved f C			
		gra				eter (in): $2 \cdot 5$				
			Sample I	nterval 1						
Sample ID: 158-A9-	- GW-11-15	Sample Time:	1450		Depth Inte	rval of Screen:	1-15 G	<u> </u>		
A. Well Depth (ft):			Well V	olume			1 12 44	Pos		
		D. Well Volum	^{ie (ff):} <i>ひ</i> .つに	ь <u>з</u>	Volume Re	unoveđ:	2.5000			
3. Depth to Water (ft): 7.	.55	E. Well Volum	e (gal) C*D):		Pump Type	2;	- J gu			
Z. Liquid Depth (ff) (A-B):	<u> </u>	F. Three Well V	Os D	<u>8</u>		Waterra	- pmp			
	1,45			3	many oco,					
Time pH	Conductivity		Water Quality			<u></u>	<u></u>			
(hrs) (pH units)	(mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	1		Rate	Volum		
1450 6-24	15.2.64	>1000		19.09	(mV)	(ft btoc)	(Lpm)	(liters)		
	0.001		<u> </u>		-29					
ample ID: 150 A.O.	0	- Sample Time	Sample Ir	nterval 2						
- 100-177	- GW- 21-25		1430		Depth Inter	val of Screen: 2	21-25			
. Well Depth (ft): 25	-	D. Well Volume	Well Vo	lume						
		F. Well Volume	(~*) 0.0\0 (~*) C*D	3	Volume Re	and the second se	gal			
1	255	E. Well Volume	(gai) C·DJ: O	. 18	Pump Type	Watern	a ounc			
	17.45	F. Three Well V	olumes (gal) (E:	3): 0.54	Analyses:	TALME	Aals			
Time pH	Conductivity	Turbidity	Water Quality	Parameters						
(hrs) (pH units)	(mS/cm)	(ntu)	DO (mg/L)	Temperature	ORP		1	Volume		
430 6.31	0.253	2000	1.26	<u>(°C)</u>	(mV) 14	(ft btoc)	(Lpm)	(liters)		
	10.200			19.34	<u> </u>					
mple IDh co A o A			ample In	terval 3						
15B-49-6	W-21-35	Cample Time;	418		Depth Interv	al of Screen: 3	1-35	1		
Well Depth (ft): 3		D Well Volume	Well Vol	ume						
Depth to Water (ft):		D. Well Volume	<u>"" 0.01</u>	03	Volume Ren	103	gai			
Depth to Water (ft): 7.	55	E. Well Volume (	(gal) C*D): O	-28	Pamp Type:	Water	$\sim \alpha m \Lambda$			
Liquid Depth (ft) (A-B):	27.45	F. Three Well Vo	lumes (gal) (E3)	"O.85	Analyses:	TIAL	a point			
		и	Vater Quality I	Parameters		THUM	ctais			
Time pH (hrs) (pH units)	Conductivity	Turbidity		Temperature	ORP	DTW	Rate	Volume		
1110	(mS/cm)	(ntu)	(mg/L)	<u>(°C)</u>	(mV)	(ft btoc)		(liters)		
1918 6.54	0.268	643	3.08	20.87	-14			<u></u>		
		S	ample Inf	terval 4			<u></u>	<u> </u>		
nple ID: SB-A9-G	W-41-45	0 1	400		Depth Interv	l of Screen: //	1-45			
Well Depth (ft):			Well Volu	ıme						
	<b>N</b>	D. Well Volume f	# 0.010	2 <u> </u>	Volume Rem	oved: 7 a	al			
<u>45</u>	55 1	E. Well Volume (g	رم ( C*D): م	39	Pump Type:					
Depth to Water (ft): 7.5			umes (gal) (E3);		Analyses:		<u>a pun</u>	<u>1P</u>		
Depth to Water (ft): 7.5	7.45	F. Three Well Vol		140		TALM	etals			
Depth to Water (ft): 7.5 iquid Depth (ft) (A-B): 3	57.45	F. Three Well Vol W	ater Ogality P	arameters						
Depth to Water (ft): 7. 5 .iquid Depth (ft) (A-B): 3 Time pH	Conductivity	W: Turbidity	ater Quality P	arameters Femperature	ORP	wra	Pate	37-3		
Depth to Water (ft): 7. 5 .iquid Depth (ft) (A-B): 3 Time pH (hrs) (pH units)	Conductivity (mS/cm)	Wa Turbidity (ntu)	ater Quality P; DO 1 (mg/L)	arameters Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         IDD       Ø.844	Conductivity (m5/cm) 0.329	Wa Turbidity (ntu)	ater Quality P; DO 1 (mg/L)	arameters Femperature				Volume (liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         10 D       0.5 4         MMENTS & OBSERVATION	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         10 D       0.5 4         MMENTS & OBSERVATION	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         10 D       0.5 4         MMENTS & OBSERVATION	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         10 D       0.5 4         MMENTS & OBSERVATION	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		
Depth to Water (ft): 7. 5 .lquid Depth (ft) (A-B): -3 Time pH (hrs) (pH units)	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		
Depth to Water (ft):       7. 5         .iquid Depth (ft) (A-B):       3         Time       pH         (hrs)       (pH units)         10 D       0.5 4         MMENTS & OBSERVATION	Conductivity (m5/cm) 0.379	Turbidity (ntu) ≥i♡UD	ater Quality Pi DO (mg/L) <b>2,04</b>	arameters Teinperature (°C) 21.99	(mV) -34	(ft btoc)	(Lpm)	(liters)		

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								NEW YORK	Department o Environmenta
			<u>IN-SITU</u>	GROUNDWA	TER SAMPL	NG FORM		Y	Conservation
Boring I.D.	15B-A1	0	EA Personnel	" 1R	1	Client:			
Location:	notras	lat	Sample Date:	5/23/		NYSDEC Weather: 6	2110		
Sounding N	fethod: 11		Measurement		24	Well Diame	PPF.	<u>cloud</u>	1
	ttere	<u>on Skinn</u>	<u> </u>	Gro	und		$\underline{C}$	$5^{n'}$	
Comple ID:				Sample I	nterval 1				
Sample ID;	1515-A10	-GW-11-15	Sample Time:	1335		Depth Inter	val of Screen:	11-151	bas
A. Well Dep			D. Well Volur	Well V	olume				<u> </u>
B. Depth to	15					Volume Rei	noved:	0 021	
		6	E. Well Volum	ne (gal) C*D):		Pump Type:	1AL-1	<u></u>	
C. Liquid De	epth (ft) (A-B):		F. Three Well	Volumes (gal) (	E3):	Analyses: .	<u><u>vv2.7</u></u>	<u>err2</u>	<u> </u>
				Water Qualit	v Parameters		IFL III	etz K	
Time (hrs)	pH (pH units)	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume
1335	6.43	(mS/cm) 0 132	(ntu) >1000	(mg/L)	(C)	(mV)	(ft btoc)	(Lpm)	(liters)
	10:10				18.32	-54			
Sample ID:	15R-DIM	- C.s. 1 31 20		Sample In	nterval 2	Devil Tet	1 40		
	IN MIU	- GAN - 21-25		$\frac{1523}{\text{Well Vol}}$		Depth Interv	al of Screen:	21-25	bas
A. Weil Dept	- Li	·	D. Well Volum	ie (ft):	лише	Volume Ren	ioved:		
B. Depth to V			E. Well Volum	e (gal) C*D);		Pamp Type:	<u> </u>	<u> 2 92 (</u>	
C. Liquid De	pth (ft) (A-B):		F. Three Well V	/olumes (gal) (E	(3):	Analyses:	<u></u>	Terre	
				Water Quality	Parameters		TAL C	Motz l	<u>s                                    </u>
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Tarbidity (ntu)	DO	Temperature		DTW	Rate	Volume
1523	6.13	0.266	2000	(mg/L)	(°C) 18.47	(mV)	(ft btoc)	(Lpm)	(liters)
				Sample Ir					
Sample ID: 1	38-A10-6	W-3-35	Sample Time:	1510	itervar o	Depth Interv	al of Screen:	21 - 2 - 1	
				Well Vo	lume			31-35	<u>695 </u>
A. Well Deptl	<u> </u>		D. Well Volume	e (ft):		Volume Rem	oved:	021	
B. Depth to W		E	E. Well Volume	(gal) C*D);		Pamp Type;	14/24	s g21 ierro	
C. Liquid Dep	oth (ft) (A-B):		F. Three Well V	olumes (gal) (E	3):	Analyses:	TAL W	erver L	
				Water Quality	Parameters			12,15	
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volume
1510	6.22	0.241	>1000	3.31	19.25	(mV) 59	(ft btoc)	(Lpm)	(liters)
			(	Sample In					
Sample ID:	B-A10-6	W-41-45	Sample Time:	1455		Depth Interva	of Screen:	Li star	<del>7</del> .
				Well Vol	ume			11-45	<u></u>
A. Well Depth	. 10		D. Well Volume	. ,		Volume Remo	wed: 7.(		
B. Depth to Wa		<u> </u>	E. Well Volame			Pump Type:	1412	<u>J 92</u>	
2. Liquid Dep	th (ft) (A-B):		F. Three Well Vo	olumes (gal) (E3)	):	Analyses:	TALI	<u>terrz</u>	
Time	pH	Conduction	V	Vater Quality I			VIL	VIE IZ	<u>s</u>
(hrs)	(pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft htos)	Rate	Volume
1455	6.46	0.270	>1000	2.74	20.49	49	(ft btoc)	(Lpm)	(liters)
	OBSERVATIO			<u></u>					
* DTW	betwe	en 5-7.	7.5+ . +1m.	toecord	ed due	to /* ~	~		
					mar	in alle	YOXINXY	ion.	
						·			
							— <u> </u>		
						·			1

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Boring I.D.:		IN-SITI	I GROUNDW			4	STATE OF OPPORTUNITY	Environn Conserva
ISB-BI		EA Personne		ATER SAMPI	ING FORM			Conserva
Location:	1.1	Sample Date:	" LBL, 1		Client: NYSDEC			
School ball h	eld	Cample Date:	5/10/2	사		1011		
Herny	Skinny	Measurement	t Ref:	<u> </u>		50 F	rai.	λ
Letter	reinny		grou	ind	Well Diam	eter (in):	0 C II	
Sample ID: ( C / 2)			Sample	Interval 1	<u></u>	() 		
Sample ID: 15B-B1-	GWL11-15	Sample Time:	12:					
A. Well Depth (ft):				olume	Depth Inter	val of Screen:	11-15	1695
		D. Well Volun	ne (ft);					
B. Depth to Water (fr)					Volume Rer	noved:	10	
C. Liquid Depth (ft) (A-B):	2	E. Well Volum	e (gal) C*D): (	167	Pump Type:		1.0	
C. Elquiu Depth (It) (A-B);	.5	F. Three Well V	olumes (gal) (	F3): -		$- \mathcal{W}_{z}$	<u>a terra</u>	
		F. Three Well V	(Sui) (	^{50,} 0.32(	Analyses:			
Time pH	Conductivity	-	Water Quality	7 Parameters		1 <u>4-1 111</u>	etzls (	tot. + d
(IIIS) (PH units)	(mS/cm)	Turbidity (ntu)	DO DO	Temperature	ORP	DTW		
0730 6.77	0.249	71000	(mg/L)	( <u>°C)</u>	(mV)	(ft bloc)	Rate (Lpm)	Volum
	<u> </u>		1.95	15.69	-34	4.8	1 (2pili)	(liters)
ample ID: (< A		Come of the second	Sample Ir	iterval 2			$\overline{U}$	<u>6.0</u>
ISB-BI-GW	1-21-25	Sample Time:	[2:15		Depth Interva	1 of Sergons		
. Well Depth (ft):			Well Ve			a of otherin:	21-25	'logs
6-2		D. Well Volume	(ft):		Volume Remo	wode		
		E, Well Volume (	(gal) C*D); ^	700		/	5	
Liquid Depth (ft) (A-B): 2.0	.5 1	F. Three Well Vo	lunes (gal) (E2		Ратр Туре:	_ Wz	terr	
		TA	(gai) (E3	<u>" 6.627</u>	Analyses: "7			
Time pH Co (hrs) (pH upits)	nductivity	Turbidity	Vater Quality I DO			11- 114	-1215 (	tot. rdis
(hrs) (pH units)	(inS/cm)	(ntu)	(mg/L)	Temperature	ORP	DTW	Rate	Volume
	1441	71000		15.72	(mV)	(ft btoc)	(Lpm)	(liters)
			<u>webo  </u>	13.32	3	4.5	0.833	45
nple ID; 158-BI-GW-	21 2- 5	ample Time;	ample Int			0	<u></u>	
1100	21-55		12:00	1	Depth Interval	of Screen:	71	
Well Depth (ft): 35	10.	Well Volume (C	Well Volu	me (SV3VI			-31-35	<u>&gt; bas</u>
Depth to Water (ft): 4.5		. Well Volume (f Well Volume (g	<u></u>	A BOWARS !!	olume Remov	-d-		
iquid Depth (ft) (A-B): 30.5	E.	Well Volume (gi Three Well Volu	al) C*D):	4126 VIP	атр Туре:		2	
30.v	5 ( ^{E.} '	Three Well Volu	mes (gal) (E3):	1 7.000	nahman	Wz=	tterr2	
		Three Well Volu Wa	ter Quality Pa	1760.18	TA	L Metz	1 (tot	tdis.)
Time pH Con (hrs) (pH units) (n	ductivity	Turbidity	DO T	rameters			104	ars.)
AA P HAT	iS/cm)	(nta)	(ing/L)	emperature (°C)	ORP (mI/)	DTW	Rate	Volume
<u>00 45 0:</u>	396 9	77 77	5721		<u>(mV)</u>	(ft btoc)	(Lpm)	(liters)
				10-30	$\frac{1}{2}$	1.5	2.3 1	3-0
De ID: 15B-B)-(-W-2	1-UC San		nple Inte	the second s		5 H	<u> </u>	<u> </u>
	1 12		1345	De	pth Interval of	Screen: 11	HELL	<b></b>
ell Depth (ft): 45	D. V	Vell Volume (ft);	Well Volum				-45'6	<u>75</u>
pth to Water (ft): 4.9		foll IV	0-19-1	Vo Vo	lume Removed			
wid D. d. (b) (c =)		ell Volume (gal)	^{C*D):} 6.41	A Pun	np Type:	2,0	, 	
und Depth (tt) (A-B): 40+9		uee Well Volum			ilyses:	N2-te	rrz	l
ime pH Condu		Wate	r Quality Para		<u></u>	<u>L Metzi</u>	s (tot. +	die
ime pH Condu hrs) (pH units) (mS		trolaty		nperature	OPp 7			<u> </u>
5 6-27 0.5	<u> </u>	(ntu) (r	ng/L)	(°C)	ORP (mV)	DTW (ft btoc)	Rate	olame
TENTS & OBSERVATIONS:	12 4	01 51	e7 14	87 6	1 4		<u>(Lpm)</u>	(liters)
				<u></u>		5 0	5 2	-0
								<b> </b>
		·····						
								_ 11

	@	EA Engi	neering, P.C.	and Its Affili	ate EA Science	e and Techno			artment fronmen iservatio	
			BI AWET C	ייי ג נארדאני ג ייי	D SAMDI ING	FORM	Y	Con	servatio	
		<u> </u>	IN-SITU GI	<u>ROUNDWA U</u>	ER SAMPLING					
ring I.D.:	SB-81	14	c. Dernick	4. M. 400	<u>~</u> ī	NYSDEC (15	2033)			
cation: Dra	is castene	rsite s	Sample Date:		- 13	Weather:	in relat			
leach Mi	udre schore	brieve 1		2024		65°F, C Well Diameter	(in):			
ounding Meth	od:	, , , , , , , , , , , , , , , , , , ,	Measurement Re	el: ade			<u>, 2</u>			
				Sample In	terval 1					
mple ID:	<u>B-81-Q</u>	W-4-58	Sample Time:	0804		Depth Interval of Screen: 4-8				
				Well Vo						
. Well Depth	(ft): 8		D. Well Volume	<u></u>	<u>,                                    </u>	Volume Remo	m 25 ac	1		
. Depth to Wa		50	E. Well Volume	(gal) C*D):	4	Pump Type: Waterra pump Analyses: TAL Metals				
. Liquid Dept	h (ft) (A-B): 3.		F. Three Well V		3):	Analyses: TAL Metals				
	5.	.50	<u> </u>	Water Quality	Parameters					
		Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volun (liters	
Time (hrs)	pH (pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV) (ft bioc) (Lpm)				
0804	6.44	0.441	1000+	3.93	19.93	64_				
0004	<u></u>			Sample In	nterval 2					
řample ID:			Sample Time:			Depth Interva	l of Screen:			
				Well V	olume	ler 1 December 1				
A. Well Depth	140:		D. Well Volum			Volume Removed:				
B. Depth to W	ater (ft):		E, Well Volum			Pump Type:			···	
C. Liquid Dep			F. Three Well V			Analyses:				
		$\rightarrow$		Water Quality			TUTT	Rate	Volu	
Time	pH	Conductivity	Turbidity	DO (mg/I)	Temperature	ORP (mV)	(ft btoc)	Kate (Lpm)	l (liter	
(hts)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	<u> </u>	<u> </u>			
	<u> </u>	<u> </u>	<u> </u>	Sample I	ntorval 2	<u></u>	<u> </u>	<u></u>		
				Sample I		Depth Interv	al of Screen:			
Sample ID:			Sample Time:							
			D. Well Volum		olume	Volume Rem	ioved:			
A. Well Dept					<u>کر</u>	Pump Type:	. <u></u>			
B. Depth to V	Vater (ft):									
C. Liquid De	pth (ft) (A-B):		F. Three Well	Volumes (gal)	(E3):	Analyses:				
			/	-	ty Parameters	$\overline{\}$			Volt	
Time	pН	Conductivity	Turbidity	DO	Temperature	OMP (mV)	DTW (ft btoc)	Rate (Lpm)	(lite	
(hrs)	(pH units)	(mS/cm)	(nfu)	(mg/L)	(°C)	(	(			
		<u> </u>	<u>/</u>	<u> </u>			<u> </u>		<u></u>	
			-		Interval 4	Depth Inter	val of Screen:			
Sample ID:			Sample Time			Depti mer				
		7	D. Well Volu		Volume	Volume Rei	noveđ:	~~		
A. Well Dep		/		me (rt): me (gal) C*D):		Pump Type				
B. Depth to Y					(E2)+	Analyses:			$\overline{}$	
C. Liquid De	epth (ft) (A-B):		F. Three Well	l Volumes (gal)		ranaryses:		·		
	<u></u>	Conductivity	Turbidity	Water Qual	ity Parameters Temperatur	e ORP	DTW	Rate	Vol	
Time (hrs)	pH (pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(1it	
	u u									
COMMENT	S & OBSERVAT	IONS		<u>,                                     </u>						
CONTRACTOR						. <u></u>				
					<u> </u>					
						<b>_</b>				
L				<u> </u>						

			IN-SITU	GROUNDW	TER SAMPLI	NG FORM		-	Department Environment Conservation	
Boring I.D.:	ISB-B	2	EA Personnel	· LBC,	MB	Client: NYSDEC				
Location: $SC\Lambda$	ool ba	U field	Sample Date:	5/10/2	24	TATe a Ula and				
Sounding M	fethod: hero		Measurement	Ref: QYO	ind	Well Diamet		$\overline{ns}$		
				Sample	Interval 1					
Sample ID:	ISB-B2-	- CAW-11-17	Sample Time	09:	00	Depth Interv	al of Screen:	11-15	695	
A. Well Dep	th (ft): 1 cm	1.	D. Well Volu	Well V	olume			<u> </u>	<u></u>	
B. Depth to	15		E. Well Volume (gal) C*D): A 117			Volume Rem	oved: 3	1.0	 9z1	
	epth (ft) (A-B):	,05			6.112	Pump Type:			2-	
	ерин (II) (А-в):	10.95	F. Three Well	Volumes (gal)	^{(E3):} 0.33(,	Analyses: T	AL Metz	els (tr	A. yolis	
Time	pH	Conductivity	Turbidity	Water Qualit	<u> </u>					
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	Temperature (°C)	(mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
6400	6.29	0.494	71000	2.07	12.66	-45	4.05	0.3	6-0	
Sample ID:			10	Sample I	nterval 2				<u> </u>	
ounpie iD:	1516-102-	GW-21-2=	Sample Time:		0	Depth Interva	il of Screen:	21-25	695	
A. Well Dept	th (ft): Z_2	5	D. Well Volun	Well V ne (ft):	olume	Volume Rem	wed:	1.59		
B. Depth to V		1,05		ue (gal) C*D); (	214	Prima Type:			a (	
C. Liquid De	- (1. ((4) (1. )))	20.95	F. Three Well	Volumes (gal) (	E3): 0.647	Analyses:	Wer	terrz	211.1.	
			·····	Water Qualit			AL Me	tals	(tot. tolis.	
Time (lurs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature		DTW	Rate	Volume	
0840	16-60	0:251	71000	1-30	13.37	(mV) -79	(ft btoc) 4.05	(Lpm) (C. 3	(liters)	
			·	Sample I			1.00	10.3		
ample ID:	5B-B2-6	W-31-35		08:2		Depth Interva	l of Screen:	1-75	3 =	
. Well Dept				Well V				1-35	<u> Pal &gt;</u>	
. Depth to W	$\underline{-}$		D. Well Volum		•	Volume Removed: 1.5 gr.)				
	U (1) (1) D	1.05	0.300		Pump-Type: Wiztervz					
		30.95				Analyses:	H. Me	tals (	tof. +dis.	
Time	pH	Conductivity	Turbidity	Water Quality	Parameters Temperature	ORP	DIW			
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)	
3825	6-23	0-370	71000	0.88	13.86	<u> </u>	M205	0.3	4.0	
ample ID: 1 «	50 00 0		Samula Timor	Sample In	nterval 4					
- (0	10-102-13	W-41-45	Sample Time:	V8.70 Well Vo	10000	Depth Interval	of Screen:	41-45	695	
. Well Depth	(ft): 4	5	D. Well Volum	e (ft):		Volume Remo	ved: 7	.0 92	)	
Th 17 4 117		.05	E. Well Volume	(gal) C*D); (	418	Pamp Type:				
. Depth to w	th (ft) (A-B):	40.95	F. Three Well V	olumes (gal) (E		Analyses: TA	LMetz	terr 2	· + dis.)	
-				Water Quality	Parameters				<u>, , ans.</u> )	
. Liquid Dep	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate	Volume	
. Liquid Dep Time (hrs)		0.474	673	2.04	13.31		4.05	(Lpm) Ο, ζ	(liters) 7-D	
Liquid Dep Time (hrs)	5.32							<u></u>		
Liquid Dep Time (hrs)	5.32 DBSERVATION	NS:			· · · · · · · · · · · · · · · · · · ·					
Liquid Dep Time (hrs)		NS:							I	
Liquid Dep Time (hrs)		NS:				·				
Liquid Dep Time (hrs)		NS:					<u> </u>			
Liquid Dep Time (hrs)		NS:								

	<b>∧</b> ®	EA En	gineering, P.C	and Its Affi	liate EA Scier	ice and Techr	vology	NEW YORK	epartment of nvironmental onservation
			IN-SITU G	ROUNDWAT	ER SAMPLIN	G FORM	t		onservation
Boring I.D.:	58-82		EA Personnel:	ice, H.		Client	52033)	<u> </u>	
Location: D	zus faster	ner Site	Sample Date:	1 P	-	Weather:	50000		
Beach n	riddle Sc	hool Field	61	5/2024		6705.	( c loude	1	
Sounding Me	hiddle Sc thod: NMA-			rade		Well Diamete	r(in):		
Famala IDe s		44	Sample Time:	Sample In					
		W-4-8	Sample Time:	OQO Well Vo		Depta Inferva	l of Screen: ᠳ	- 8	
A. Well Deptł	^{1 (ft); '} S		D. Well Volume			Volume Remo	oved: つ. 25 劣。	n1	
B. Depth to W	$dater(ft): \mathcal{U}_{o}$	05	E. Well Volume			In. m	Water		 າຍ
C. Liquid Dep	^{th (ft) (A-B):} 3	95	F. Three Well V	olumes (gal) (E Ø. 12	(3):	Analyses: "	TAL M	etals	
			· · · · · · · · · · · · · · · · · · ·	Water Quality	Parameters	I			· · · ·
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	ORP (mV)	DTW (ft btoc)	Rate	Volume
0900		0.401	1000+	1.58	18.72	-40	(11 0100)	(Lpm)	(liters)
		1		Sample In			<u> </u>	, <b>i</b>	<u> </u>
Sample ID:	·		Sample Time:			Depth Interva	l of Screen:		
A, Well Depth	NG:		D. Well Volume	Well Vo	lume	Volume Remo	wod.	= 7	
B. Depth to W			E. Well Volume			Pump Type:	ivea:	_/_	
-	C. Liquid Depth (ft) (A-B).			olumes (gal) (E	3):	Analyses:		<u> </u>	
· · ·		<u> </u>		Water Quality	<i>·</i>	· And yous	—		····
Time	рН	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume
(hrs)	(pH units)	(m5%cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
				Sample Ir	torval 3				
Sample ID:		••••••••••••••••••••••••••••••••••••••	Sample Time:	/unipic n		Depth Interva	1 of Screen:		
				Well Vo	lume				
	(ft):		D. Well Volune		/	Volume Remo	wed:		
1	<u>.</u> ,			L'AN CINTY					
1	<u>.</u> ,		E. Well Volume	~ 🔨		Рипър Туре:			
1	ater (ft):		F. Three Well V	olupres (Bal) (E		Analyses:			
B. Depth to W C. Liquid Dep	ater (ft): th (ft) (A-B):		F. Three Well V	olunes (Bal) (E Water Quality	Parameters	Analyses:			
B. Depth to W	ater (ft):	Conductivity (mS/cm)	F. Three Well V	olupres (Bal) (E			DTW (ft btoc)	Rate (Lpm)	Volume (liters)
B. Depth to W C. Liquid Dep Time	ater (ft): th (ft) (A-B): pH		F. Three Well Vo Turbighty	olunes (Bal) (E Water Quality DO	Parameters Temperature	Analyses: ORP	F		
B. Depth to W C. Liquid Dep Time (hrs)	ater (ft): th (ft) (A-B): pH		F, Three Well V Turbinty ntn)	olunes (Bal) (E Water Quality DO	Parameters Temperature (©)	Analyses: ORP (mV)	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs)	ater (ft): th (ft) (A-B): pH		F, Three Well Vo Turbiotity (htn)	Water Quality DO (mg/L) Sample Ir	Parameters Temperature	Analyses: ORP	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs) Sample ID:	ater (ft): th (ft) (A-B); pH (pH units)		F. Three Well V Turbianty Intn) Sample Time:	olunes (gel) (E Water Quality DO (mg/L) Sample Ir Well Vo	Parameters Temperature	Analyses: ORP (mV) DeptiNnterva	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth	ater (ft): th (ft) (A-B); pH (pH units) (ft):		F, Three Well V Turbinity (ntn) Sample Time: D, Well Volume	Water Quality DO (mg/L) Sample Ir Well Vo (ff):	Parameters Temperature	Analyses: ORP (mV) DepthInterva Volume Remo	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa	ater (ft): th (ft) (A-B): pH. (pH units) (ft): ater (ft):		F. Three Well V Turbianty ntu) Sample Time: D. Well Volume E. Well Volume	Annues (Bal) (E Water Quality DO (mg/L) Sample Ir Well Vo (ft): (gal) C*D):	Parameters Temperature Aterval 4	Analyses: ORP (mV) Deptilititerva Volume Remo Pump Type:	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa	ater (ft): th (ft) (A-B): pH. (pH units) (ft): ater (ft):		F. Three Well Vo Turbinfy (ntn) Sample Time: D. Well Volume E. Well Volume F. Three Well Vo	olunes (Bell (E Water Quality DO (ng/L) Sample Ir Well Vo (ft): (gal) C*D): Dlumes (gal) (E	Parameters Temperature (C) nterval 4 lume	Analyses: ORP (mV) DepthInterva Volume Remo	(ft btoc)		
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep	ater (ft): th (ft) (A-B); pH (pH units) (ft): ater (ft): th (ft) (A-B); pH	(mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	Angel C*D): Angel	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep	ater (ft): th (ft) (A-B); pH (pH units) (ft): ater (ft): th (ft) (A-B);	(mS/cm)	F, Three Well V Turbinity (ntn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	olumes (Bell (E Water Quality DO (mg/L) Sample Ir Well Vo (ft): (gal) C*D): Dlumes (gal) (E Water Quality	Parameters Temperature (S) Atterval 4 lume 3): Parameters	Analyses: ORP (mV) DeptiMnterva Volume Remo Pump Type: Analyses:	(ft btoc) I of Screen: Wed:	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep Time (hrs)	ater (ft): th (ft) (A-B); pH (pH units) (ft): ater (ft): th (ft) (A-B); pH	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	Angel C*D): Angel	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep Time (hs)	pH. (pH units) (ft): ater (ft): th (ft)(A-B); pH (pH units)	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	And the second s	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dept Time (hs)	pH. (pH units) (ft): ater (ft): th (ft)(A-B); pH (pH units)	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	And the second s	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep Time (hs)	pH. (pH units) (ft): ater (ft): th (ft)(A-B); pH (pH units)	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	And the second s	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep Time (hrs)	pH. (pH units) (ft): ater (ft): th (ft)(A-B); pH (pH units)	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	And the second s	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)
B. Depth to W C. Liquid Dep Time (hrs) Sample ID: A. Well Depth B. Depth to Wa C. Liquid Dep Time (hrs)	pH. (pH units) (ft): ater (ft): th (ft)(A-B); pH (pH units)	(mS/cm) Conductivity (mS/cm)	F, Three Well V Turbinfy (nfn) Sample Time: D. Well Volume E. Well Volume F, Three Well Vo	And the second s	Parameters Temperature (C) Atterval 4 lume 3): Parameters Temperature	Analyses: ORP (mV) Deptilinterva Volume Remo Pump Type: Analyses: ORP	(ft btoc) I of Screen: Wed: DTW	(Lpm)	(liters)

		* *		unive 110 A	ffiliate EA Sci	ence and 160	nnology	NEW YORK	Departm Environm	
			IN-SITU	GROUNDW	ATER SAMPLI	NGEODM		Y	Conserva	
Boring I.D	" 15B-B	<u> </u>	EA Personne	•	-, MB	Client:	<u></u>			
Location;			Sample Date:	11	<u>-, mp</u>	NYSDEC Weather:		<u> </u>		
Sounding	001 6211	field		_5/9/7	24	TTCallel;	¥	$\begin{array}{c} \begin{array}{c} & & \\ & \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \hline \hline \\ \hline \\ \hline \\ \hline \\ \hline \hline \\ \hline \\ \hline \hline \\ \hline \\ \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \hline \\ \hline \hline$		
Sounding	_Heron	Skinny	Measurement	t Ref: Cl Youu	nd smrf.	Well Diame	ter (in):			
				Sample	Interval 1		· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Sample ID	150-B3-1	GW - 11 - 15	Sample Time			Depth Inter	val of Screen:	11 , 5-1		
A. Well De	onth (ft):	······		Well	Volume			_11=13	- <u>pej&gt;</u>	
	15	i 	D. Well Volu	· · · -		Volume Removed:				
B. Depth to	Water (ff):	3.7	E. Well Volun	ne (gal) C*D):	6.115	Pump Type:	101-7-4			
C. Liquid I	Depth (ft) (A-B):	11.3	F. Three Well	Volumes (gal)	(E3): 0-345	Analyses:	<u></u>	erra		
						1	AL Metz	is (tot.	t dis.	
Time	pH	Conductivity	Turbidity	DO DO	ty Parameters Temperature		DTW		Volu	
(hrs) しこうえ	(pH units)	(mS/cm) 0.753	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)		(liter	
<u>v~/)</u>	10-00	10.00)	7600	10.73	20.14	-27	3.7	6-3	6.0	
Sample ID;	158-00	-GW-21-2	Sample Time	Sample	Interval 2	D. 17				
	<u>.20 65</u>	- <u>ew-21-2</u>			/alum-	Depth Interv	al of Screen;	21-25	695	
A. Well De	pth (ft): 2.5	t	D. Well Volun	1e (ft):	/olume	Volume Ren	oved:	1 ***		
B, Depth to	Water (ft):	3.7	E. Well Volum		5.71-					
C. Liquid D	epth (ft) (A-B):	21.3	F. Three Well	Volumes (gal) (	(E3): 6.651		Analyses			
			<u> </u>	Water Qualit		1	AL Me	7215 (-	tot, tol	
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	1	DTW	Rate	Volun	
1117	U-15	Cigz	(ntu) 71000	(mg/L)		(mV)	(ft btoc)		(liters	
<u></u>		104-10		<u>10.71</u>	19.98	-32	3.7	0.3	5.0	
Sample ID:	15B-B3-	GW-31-35	Sample Time:	10:4	nterval 3	Depth Interv	of Serious			
				Well V				31-35	bgs	
A. Well Dep	2	5 <b>`</b>	D. Well Volum	e (ft):		Volume Rem	oved:	15		
3. Depth to		3.7	E. Well Volume	e (gal) C*D): ^	114	Pamp Type:	111.0-			
. Liquid De	epth (ft) (A-B):	31.3	F. Three Well V	'olumes (gal) (l	E3): M (1 - 7	Analyses: -Ti		erve	1	
				Water Quality	V. C. C.	1/2	<u>the met</u>	215 ( to	<u>t. +oli</u>	
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO	Temperature	ORP	DTW	Rate	Volum	
1040	5.77	0.253	7/000	(mg/L)	19.54	(mV) 51	(ft btoc)		(liters)	
	<u>k</u>			Sample I			3.7	10-3	3.5	
ample ID:	15B-B3-0	-W-41-45	Sample Time:	10:20		Depth Interva	of Screen	t 1		
				Well Vo	olume			41-45	bgs	
. Well Depl		,	D. Well Volume	: (ft):		Volume Remo	ved:	7.0		
. Depth to V		3,7	E. Well Volume	(gal) C*D); (ارم	.421	Pump Type:				
. Liquid De	pth (ft) (A-B): L	4.3	F. Three Well Ve	olumes (gal) (E		Analyses: ~7/	-1' ni -		1.1	
Тіте	nU	Conduct		Vater Quality	- axamicters		<u>16-18 ((C.))</u>	<u> 13 1 To</u>	T de l	
(hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft htss)		Volume	
	5-13	6.433	556	3.14	20.58	( <u></u> ) 172	$\frac{(\text{ft btoc})}{3.7}$		(liters) Z-O	
021	& OBSERVATIO	NS:					97 L	<u></u>		
the second se		d C 15	B- BB-G	W-11-19	5 interv	17				
the second se	collecte					_ (				
OMMENTS	collecte					·				
OMMENTS	collecte	<u> </u>		· · · · · · · · · · · · · · · · · · ·						
OMMENTS	collecte			· · · · · · · · · · · · · · · · · · ·						
OMMENTS	collecte			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		·····	

	R	EA En	gineering, P.C	. and Its Affi	lliate EA Scien	ce and Tech	nology	NEW YORK	epartment of nvironmental onservation	
			IN-SITU G	ROUNDWA'	TER SAMPLIN	G FORM	-	× 10	onservation	
Boring I.D.:	8-83		EA Personnel: C. Derri			Client:	(Chhais)			
Location: D	ws Forste	enersite	Sample Date:		<u></u>	NYSDEC U	122033)			
Beachin	niddre S	chan Field	4 06	15/202	<u> </u>	(0800	Joud	Ч		
Sounding Met	NA		Measurement R	ade		Well Diamete	r (in): 0.5			
				Sample I	nterval 1					
Sample ID:	38-83-6	2W-3.5-73	Sample Time:	0936		Depth Interva	l of Screen: 3	5-75		
A. Well Depth	(6).		ID Well Velum	Well Ve	olume					
1	1.5		D. Well Volume	0.01	<u>-</u> 37	volume Kem	oved: 0.25 90	ıl		
B. Depth to W	^{ater (ft):} 3, 7	0	E. Well Volume	(gal) C*D);		Pump Type:	Vaterro	Aimo	1	
C. Liquid Dep	th (ft) (A-B): ·3	. 81)	F. Three Well V	olumes (gal) (l	3):	Analyses:	AL MEA	<u>- 1-04-14</u>		
			1	<u><i>O</i>.12</u> Water Quality	Parameters	<u> </u>	HC MOI	<u></u>		
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
(hrs) 0936	(pH units)	(mS/cm) 0.589	(ntu) 1000+	(mg/L)	(°C)	(mV) 	(ft btoc)	(Lpm)	(liters)	
	0.70	0.30		0.01	<u>19.39</u>	-2_		<u> </u>		
Sample D:			Sample Time:	Sample I	interval Z	Depth Interva	l of Screen:		and the second of the second o	
				Well Vo	olume					
A. Well Depth	(ft):		D. Well Volum			Volume Remo	oved:			
B. Depth to Wa	ater (ft):		E. Well Volume	(gal) C*D):		Pamp Type:				
C. Liquid Dep	th (ft) (A-B):		F. Three Well V	olumes (gal) (l	3):	Analyses:				
			· · · · · · · · · · · · · · · · · · ·	Water Quality	/ Parameters		for the second s			
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
						and the second s				
				Sample I	nterval 3					
Sample ID:			Sample Time:			Depth Interva	l of Screen:			
A. Well Depth	(64).		D. Well Volume	Well Vo	olume	Volume Remo	1			
B. Depth to Wa			E. Well Volume	$\sim \mathbf{V}$			oveu:			
					<u> </u>	Ритр Туре:				
C. Liquid Dept	in (ff) (A-B):		F. Three Well V			Analyses:				
Time	рН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
				Sample In	nterval 4					
Sample ID:			Sample Time:			Depth Interva	1 df Screen:			
A. Well Depth	(ft)·		D. Well Volume	Well Vo	lume	Volume Remo	wedt			
B. Depth to Wa			E. Well Volume	.,	· ···· ·	Pump Type:	medi			
C. Liquid Depl			F. Three Well V		(2).			$\searrow$		
	in(in) (vz-p);			Water Quality		Analyses:		$\rightarrow$		
Time	pН	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
(firs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
COMMENTS	OBSERVATIO					<u> </u>	l	l		
	· · · · · · · · · · · · · · · · · · ·									
					·					
								<u> </u>		
						<u>x</u>				

Sample Date: 5/14 Measurement Ref: 9/14 Samp Sample Time: 11	DWATER SAMPLI - HM Hz.4 sund Die Interval 1	NG FORM Client: NYSDEC Weather: 61° F/ Well Diameter (in):	hew YORK SAME TIMITY Conser
Sample Date: L/8 L Sample Date: 5/14 Measurement Ref: Gra Sample Time: 11:	- HM Hz.4 ound De Interval 1	Client: NYSDEC Weather: 61°F,	
Sample Date: 5/14 Measurement Ref: Gra Samp S Sample Time: 11;	Hz.J ornd De Interval 1	Weather: 61°F,	
<u> </u>	le Interval 1	/	
Samp S Sample Time:	le Interval 1		Summ
S Sample Time; 11	the second s		1.5"
W			
D. Well Volume (ft):	Vell Volume	Depth Interval of Screen	11-15'bgs
		Volume Removed:	<u> </u>
E. Well Volume (gal) C*	D): () ()	Pump Type:	
F. Three Well Volumes (	(gal) (E2).		rrz.
	0.4	TAL MA	stals (tot + d
ty Turbidity DC		ORP DTW	
		(mV) (ft btoo	
		-61	
0 1 100		Douth Informal of C	
		Depth Interval of Screen:	21-25 69
D. Well Volume (ft):		Volume Removed:	15721
		Pump Type: W 2	uterrz
		Analyses: TAL	Motels
(ntu) (mg/I	(°C)	(mV) (ft btoc)	Rate Volu (Lpm) (lite
		-6	
Sampl	e Interval 3		
		Depth Interval of Screen:	#5 FT 31-3
D. Well Volume (ft):		Voltime Removed	
			5921
	0.78		eiterr2
	0(0)	TAL Me	tals
Turbidity DO	Temperature	ORP DTW	Rate Volu
			(Lpm) (liter
	Interval 4		
Sample			
		Depth Interval of Screen:	11 11-1 1
Sample Time: 10:4 Well		Depth Interval of Screen:	41-45' 1013
Sample Time: 10.4 Well D. Well Volume (ft):	D      Volume		
Sample Time: 10:4 Well D. Well Volume (ft): E. Well Volume (gal) C*D):	0      Volume          	Volume Removed: 5 Pump Type: W25	2. Ogal
Sample Time: 10.4 Well D. Well Volume (ft): E. Well Volume (gal) C*D): F. Three Well Volumes (gal	0      Volume      (E3):   ,   3	Volume Removed:	2. Ogal terre
Sample Time: 10.4 Well D. Well Volume (ft): E. Well Volume (gal) C*D): F. Three Well Volumes (gal	O         I           I Volume         I	Volume Removed: Pump Type: W25 Analyses: TPAL IV	2. Ogal terre letzls (tolto
Sample Time: 10.4 Well D. Well Volume (ft): E. Well Volume (gal) C*D): F. Three Well Volumes (gal Water Qua	0      Volume      (E3):   ,   3	Volume Removed:	2. Ogal terre
	Water Q         ty       Turbidity (ntu)       DC (mg/ (mg/ 0)         D       O       O       O         Sample       O       O       C         Sample Time:       [[:2]       Sample         D       Well Volume (gal) C*L       F.         E. Well Volume (gal) C*L       F. Three Well Volumes (gal) C*L         Y       Turbidity (ntu)       DO (mg/L)         Sample Time:       []: C         Sample Time:       []: C         Sample Time:       []: C         D. Well Volume (gal) C*D)       F. Three Well Volumes (gal) C*D)         F. Three Well Volume (gal) C*D)       F. Three Well Volumes (gal) C*D)         F. Three Well Volume (gal) C*D)       O.       Q.         Water Qui       Turbidity       DO         (ntu)       (mg/L)       Q.       Q.         O. O.       Q.       Q.       Q.       Q.	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Or $\mathcal{L}$ PAL MARWater Quality ParameterstyTurbidityDO TemperatureORPDTW(ntu)(mg/L)OT (mV)(ft btoO $\mathcal{O}$ O $\mathcal{O}$ O $\mathcal{O}$ O $\mathcal{O}$ DTWSample Interval 2Sample Time:(1: $\mathcal{O}$ Depth Interval of Screen:Well Volume (gal) C*D):O $\mathcal{O}$ Analyses:TALWater Quality ParametersWater Quality ParametersWater Quality ParametersWell Volume (gal) C*D):O $\mathcal{O}$ OPTW (mV)(ft btocORPDTW(mtu)Mater Quality ParametersWell Volume (gal) C*D):O $\mathcal{O}$ OPTH Interval of Screen:Well VolumeD. Well Volume (gal) C*D):O $\mathcal{O}$ OPTH Interval of Screen:Well Volume (gal) C*D):O $\mathcal{O}$ OPTH Interval of Screen:Well Volume (gal) C*D):O $\mathcal{O}$ OPTH Interval of Screen:Well Volume (gal) C*D):O $\mathcal{O}$ O $\mathcal{O}$ OPTH Interval of Screen:Well Volume (gal) C*D): </td

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	3	EA En	gineering, P.C		liate EA Scien FER SAMPLIN		hology		Department o Environmenta Conservation	
Boring I.D.:	5B-B4	······································	EA Personnel:	rick H.		Lou:	52033)	<u> </u>		
Location: D7	cus Faste	enersite	Sample Date;	8	700/19	747	_			
Acijaces	+dNm sta	)rage locati	Measurement F	12024		Weather: 71°		1 0000	ly	
Sounding Me	N/A		Measurement P	<u>ade</u>		Well Diameter	o.5			
				Sample In	nterval 1					
Sample ID:	5A-B4-0	GW-7-11	Sample Time:	1517		Depth Interva	l of Screen: –7	-11		
A. Well Depth	^{، (ft):} ا(		D. Well Volum	Well Vo e (ft):	·····	Volume Remo	ved:			
B. Depth to W	n ^{(ater (ft):} '7 5		E. Well Volume	<u>Ö~Ö10</u> ;	3	Pump Type:	0.25			
C Limit D	<b>7</b> . 3	)		0.04	201	a unip Type.	Water AL Meta	ra pu	mρ	
C. Liquia Dep	oth (ft) (A-B):	.5	F. Three Well V	olumes (gal) (E	(3):	Analyses: -7	AL Meta	215		
				Water Quality			-			
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
1517	7.07	0.569	1000+	2.29	21.14	-36	·			
$\overline{\backslash}$			(	Sample In	nterval 2		<u> </u>	·		
Sample 1D:			Sample Time:	* .		Depth Interva	l of Screen:	~	1.	
				Well Vo	olume			$\angle$		
A. Well Depth			D. Well Volum	.,	<b></b>	Volume Removed:				
B. Depth to W		<b>`</b>	E. Well Volume			Pump Type:				
C. Liquid Dep	tin (ft) (A-B):		F. Three Well V			Analyses:				
Time	рН	Conductivity	Water Quality Parameters Turbidity DO Temperature			OR	DTW	Rate	Volume	
(hrs)	(pH units)	(m5/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
						ſ				
01- TD				Sample II	nterval 3					
Sample ID:		<b></b>	Sample Time.	<u> </u>		Depth Interval	l of Screen:			
A. Well Depth	ı (ft):		D. Well Volume	Well Vt	olume	Volume Remo	ved:			
B. Depth to W	· · ·		E. Well Volume	$\sim$ $\sim$ $\sim$		Ратр Туре:	· · · · ·			
' C. Liquid Dep			F. Three Well V		(3);	Analyses:				
	() ().			Water Quality				· · · · ·		
Time	pH	Conductivity	Turbidity	DO DO	Temperature	QRP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
01. 770	,	<u> </u>		Sample Ir	nterval 4					
Sample ID:	$- \not$		Sample Time:			Depth Interval	of Screen:	$\geq$		
A. Well Depth	<u> 490</u> :		D. Well Volume	Well Vo	lume	Volume Remo	ved:			
B. Depth to Wa			E. Well Volume			Pump Type:			<u> </u>	
C Liquid Dep			F. Three Well V		3):	Analyses;				
<u> </u>				Water Quality	,					
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
COMMENTS A	& OBSERVATIO	I NS:						<u> </u>		
		<b></b>		. <u>.</u>						
									a	
					`					

MARKAN SALAN

15B-1356	hock lat Skinny	IN-SITU EA Personnel Sample Date: Measurement	S/16h		Client:			Conservatio		
Hopt-shop thod: Herrin 15R-1356	hock lat Skinny	Sample Date:	S/16h		MYEDEC					
Hopt-shop thod: Herrin 15R-1356	hock lat Skinny		Sliph			MYEDEC				
15B-1356		Measurement	Ref:		Weather:					
15B-1356					Weather: <i>BOOF</i> , Dreverst Well Diameter (in): <i>D</i> , 5 ^N					
(0)	N-11-15					2.5"				
(0)	<u>~</u>	Sample Time:		Interval 1	Derth X e	1 4 7				
1 (ft):				olume	Depth Interv	al of Screen: /]	-15162	٢		
ater (ff):	51	D. Well Volur	ne (ft):	olume	Volume Ren					
	51	E. Well Volum	ue (gal) C*D):		Pump Type:		gn1			
th (ft) (A-B):	<u> </u>			0.07	<u> </u>	mang	·			
		F. Three Well			Analyses:	AL net	z.l (			
рН	Conductivity	Tuebiditer					~~			
(pH units)	(mS/cm)	(ntu)	(mg/L)		1 .	DTW (ft btoc)	Rate	Volume		
4.57	4.344	6.0	3.98	· · · · · · · · · · · · · · · · · · ·	<u> </u>	(11 0101)	(rbw)	(liters)		
			Sample I		<u></u>	<u>'</u>	<u> </u>			
<u>B-B5-</u>	6W-21-25	Sample Time:	0845		Depth Interva	l of Screen:	-757			
		D Wall Value	Well Vo	olume				<u>r</u>		
					Volume Remo	wed: して	gal			
9	·			0.17	runp type: Wht even					
- (-) (),	<u>6.4</u>				Analyses:	AL Mehis				
pН	Conductivity	Turbidity		· · · · · · · · · · · · · · · · · · ·						
	(mS/cm)	(nta)	(mg/L)	(°C)	(mV)	(ft btoc)		Volume (liters)		
0.5	0.147	0,0	1.79	15.53	18		<u> </u>	(11(2,5))		
				iterval 3						
3-BS-6W	-31-35	Sample Time:	0815		Depth Interval	of Screen: (7)	-35' bos			
ft): 201		D. Well Volume		lume		<u> </u>		,		
∠) ⊃			· · ·		Volume Remo	ved: 1.59 ~1				
				160		intona				
(1)(	6.1		numes (gai) (Es	" O.SI	Analyses: 7/	FL Mills +	ANA			
pН	Conductivity			i anameters						
(pH units)	(mS/cm)	(ntu)	(mg/L)	-		,	Rate	Volume		
6.60	0.48	854	0.0	15.65			(Lphi)	(liters)		
		S	ample In	terval 4						
<u>B-BS-6</u> ,	~-41-45				Depth Interval	of Screen: Let	H Char			
t): 11 (-1)		N TAL 11 17 1	Well Vol	unie	-		-13 193	<u> </u>		
			•			ed: 2.04	<u>и                                    </u>			
	( ) · · · · · · · · · · · · · · · · · ·		1			vatera.		•		
<u>((() (A-D):</u> S (	s <del>it</del> [			14(1)	nalyses: 7/4	Actore				
pН	Conductivity			arameters						
(pH units)	(mS/cm)	(ntu) -	(mg/L)	<u>(°C)</u>	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)		
	0,209	513	5.06	15,76	65		(	(inters)		
		aw-31-	-35_5Y	plit_w	/ MS	msD	<u> </u>			
	$\begin{array}{c} \hline \label{eq:constraint} \hline \label{eq:constraint}$	(pH units)         (mS/cm) $(\mu - 5, 7)$ $(\mu, 3, 4, 4)$ $2B - B5 - 6W - 14 - 25$ (ft): $2-5$ (ft): $ft$ $0, 51$ $0, 147$ $B - B5 - 6w - 31 - 35$ (ft): $3-5$ (ft): $3-5$ (ft): $ft$ $pH$ Conductivity           (pH units)         (mS/cm) $6.60$ $0, 14B$ $B - B5 - 6w - 41 - 45$ $1$ $B - B5 - 6w - 41 - 45$ $1$ $m (ft): (A - B): 36H$ $1$ $m (ft): q + 1$ $1$ $m (ft): (A - B): 36H$ $1$ $pH$ Conductivity $(mS/cm)$ $6, 43$ $0, 2, 49$ $0$ $0, 2, 49$ $0$	(pH units)(mS/cm)(ntu) $(\mu - 5, 7)$ $(\mu, 2, 3, 4, 4, 4, 5, 7)$ $(\mu, 2)$ $2B - B5 - (2W - 14 - 2.5)$ Sample Time:(ft): $2 - 5 + 1$ D. Well Volume(ft): $2 - 5 + 1$ D. Well Volume(ft): $2 - 5 + 1$ D. Well Volume(ft): $2 - 5 + 1$ E. Well Volume(ft): $2 - 5 + 1$ F. Three Well V(pH units)(mS/cm)(ntu) $(0, 5) + 0 + 147$ $(0, 10)$ $(0, 5) + 0 + 147$ $(0, 10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 47) + 0 + 10$ $(10)$ $(1, 40) + 0 + 10$ $(10)$ $(1, 40) + 0 + 10$ $(10)$ $(1, 40) + 0 + 10$ $(10)$ $(1, 40) + 10$ $(10) + 10$ $(1, 40) + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$ $(10) + 10$ $(11) + 10 + 10$	pH (pH units)Conductivity (mS/cm)Turbidity (ntu)DO (mg/L) $(2 - 57)$ $(2, 3, 4, 4, 4, 5)$ $(3, 4, 8)$ Sample Time: $Og 4 5$ Well Volume (f):D. Well Volume (ff):D. Well Volume (gal) C*D):Atter (ff): $(2 + 5)$ D. Well Volume (gal) C*D):The (ff): $(2 + 5)$ D. Well Volume (gal) C*D):Three Well Volumes (gal) (ff)PH (Conductivity (mS/cm)Turbidity (ntu)D. Well Volume (gal) C*D):Three Well Volume (gal) C*D):(ff): $3 \leq 5$ D. Well Volume (gal) C*D):Turbidity (mS/cm)Of $2 \leq 1$ Sample Time: $Og 1 \leq 5$ Well Volume (gal) C*D):(ff): $3 \leq 5$ D. Well Volume (gal) C*D):Turbidity (mS/cm)Of $2 \leq 1$ PH (Conductivity (mS/cm)(ff): $3 \leq 5$ D. Well Volume (gal) C*D):PH (Conductivity (mS/cm)Of $2 \leq 1$ PH (Conductivity (mS/cm)(mS/cm)PH (Conductivity (mS/cm)D. Well Volume (gal) C*D):(ff): $4 + 5$ Sample Time: $Og 8 = 0$ PH (Conductivity (mS/cm) <td colspa<="" td=""><td>(pf1 units)(mS/cm)(ntu)(mgL)(e)$(2, 5, 7)$$(2, 3, 4, 4, 4, 5, 5, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td></td>	<td>(pf1 units)(mS/cm)(ntu)(mgL)(e)$(2, 5, 7)$$(2, 3, 4, 4, 4, 5, 5, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td>	(pf1 units)(mS/cm)(ntu)(mgL)(e) $(2, 5, 7)$ $(2, 3, 4, 4, 4, 5, 5, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	

		TA 12	-total DC	1.74 4.66							
		EA En	gineering, P.C	and Its Affi	lliate EA Scien	ce and Techi	lology	NEW YORK	epartment of nvironmental		
							<u>د</u> ر	OPPORTUNITY	invironmental		
			IN-SITU C	ROUNDWA	TER SAMPLIN	G FORM		I			
Boring I.D.:	50 05					Client			······		
	69-00		C. Deri Sample Date:	relen H.	Young_	NYSDEC (15	52033)				
Location:	2225 Fast	enersite Horage loca	Sample Date:	14/2024	ł	Weather:					
Sounding Ma	thad	rurage loca	Measurement I	9102	/	Weather: 71°F partly clowdy Well Diameter (in):					
Sounding Me	07h		Sc Sc	ade		Well Diamete	$\dot{O}$				
<u> </u>	<u> </u>			Sample I	ntorual 1	I	0.0	····			
Commits ID: 1						D. d. T.	1.40				
Sample ID:	58-85-G	W-7-11	Sample Time:	1440		Depth Interva	l of Screen: <b>7</b>	-4			
				Well Vo	olume						
A. Well Deptl	h (ft):		D. Well Volum			Volume Remo	oved:				
				0.0103			0.25 9	a [			
B. Depth to W	^{/ater (tt):} 7.5	-	E. Well Volume	$\mathcal{O}^{(gall)} \mathcal{O}^{(TD)}$		Pump Type:	literra.	<u>auma</u>			
C. Liquid Der	oth (ft) (A-B);		F. Three Well V		(3):	Analyses:	und rue	¥va.42			
	1.5 oth (ft) (A-B): 3.	5		0.1		TA	rl Meta	is			
				Water Quality	7 Parameters						
Time	PH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)		
1446	6.81	0.900	0001	7-51	22.03						
		· · · · · · · · · · · · · · · · · · ·		Sample In			•		·		
Sample ID:				Jampie II		Doubh Interne	1 - 6 8				
Sample ID:			Sample Time:			Depth Interva	i or ocreen:				
				Well Vo	olume						
A. Well Dept	r(ft):		D. Well Volum	e (ft):		Volume Remo	wed:				
B. Depth to W	/ater (ft);		E. Well Volume	: (gal) C*D):		Pump Type:					
C. Liquid Dep	th (ft) (A-B)		F. Three Well V	alumae (gal) (E	(2)-	Analyses:					
e. nqua ber		<u> </u>	<u> </u>			Anaryses:					
		$\rightarrow$		Water Quality							
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)		
				<b></b>							
				Sample In	nterval 3						
Sample ID:			Sample Lime:	•		Depth Interva	l of Screen:				
ļ			<u> </u>	Well Vo		2					
A. Well Depth	. (ft)		D. Well Volume			Volume Remo					
-						vonume Kenio	weu.				
B. Depth to W	ater (ft):		E. Well Volume	(gal) C*D):		Pump Type:					
C. Liquid Dep	oth (ft) (A-B):		F. Three Well V	olumes (gal) (I	(3):	Analyses:					
			<u> </u>			,					
				Water Quality	N						
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
(iiis)	(pri tints)	(moyeny	(ntu)	(mg/L)	<u>(0)</u>	(mV)	(ft btoc)	(Lpm)	(liters)		
			<u> </u>	Sample Ir	nterval 4						
Sample ID:		/	Sample Time:	<u> </u>		Depth Interva	Of Screen:				
	· • · · · · · · · · · · · · · · · · · ·		l	147.11 11	lumo						
A. Well Depth	<i>(ft)</i> :		D. Well Volume	Well Vo	nume	Volume Remo	wadi				
		/		• •				<u> </u>			
B. Depth to W	ater (ft):		E. Well Volame	(gal) C*D):		Pump Type:					
C. Liquid Dep	th (ft) (A-B);		F. Three Well V	olumes (gal) (E	3):	Analyses:		<u> </u>	<u> </u>		
	<u> </u>							<u> </u>			
/	·	Can danat 1		Water Quality		OPP		<u> </u>	<u></u>		
T1	TT	Conductivity	Turbidity	DO (mg/L)	Temperature	ORP (mV)	DTW (ft btoc)	Rate	Volume (liters)		
Time (hts)	pH (nH units)	(mS/cm)		1446747	(°C)	(m v j	(11.04000)	(Lpm)	(Auters)		
Time (hts)	pH (pH units)	(mS/cm)	(ntu)								
(ins)	(pH units)		(ntu)								
(ins)			(intu)								
(ins)	(pH units)		(110)								
(ins)	(pH units)		(1111)								
(ins)	(pH units)		(1111)		· · · · · · · · · · · · · · · · · · ·						
(ins)	(pH units)		(1111)								
(ifrs)	(pH units)		(1111)				· · · · · · · · · · · · · · · · · · ·				
(ifrs)	(pH units)		(1111)				· · · · · · · · · · · · · · · · · · ·				

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	A®	EA En	gineering, P.C	. and Its Affi	lliate EA Scien	ice and Techi	nology	OPPORTUNITY E	epartment o nvironmenta	
			IN-SITU (	ROUNDWAT	CER SAMPLIN	G FORM			onservation	
Boring I.D.:	B-86		EA Personnel:	u. H. 40		Client	52033)			
Location: D	L Captree 1	- P10.70	Sample Date: .	4/2024		Weather	partly c	1. Jack		
Sounding Me			Measurement			Well Diamete	<u>r (</u> in):	20000		
	~/ · · ·			Sample In	nterval 1	0.5	<u>&gt;</u>			
Sample ID: 🔥	CR Q1	W-41-45			iiiiii iiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Depth Interva	l of Screen: 4	1		
- V	20-00-0	W-71-73		0950 Well Vo	alume		4	-43	·····	
A. Well Deptl	43		D. Well Volum			Volume Remo	oved: 2.0 c		···	
B. Depth to W	^{'ater (ft):} 8.3	5	E. Well Volum	e (gal) C*D):		Pump Type:				
C. Liquid Dep	oth (ft) (A-B): 3	16.65	F. Three Well V		3):	Analyses:	Naterra.			
			<u> </u>	1 - 13 Water Quality	Daramatoro		TAL met	als		
Time	рН	Conductivity	Turbidity	DO DO	Temperature	ORP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
0950	6.20	0.265	424	7.49	20.32	181				
				Sample I	nterval 2					
Sample ID:	58-86-6		Sample Time:	1008		Depth Interva	l of Screen: F	21-35		
A. Well Depth	^{(ft):} 35		D. Well Volum	Well Vo	olume	Volume Remo	oved: 1 C			
B. Depth to W	03	.35	E. Well Volume	e (gal) C*D):		Volume Removed: 1,5 ged				
C, Liquid Dep	th (ft) (A-B):		F. Three Well V	olumes (gal) (H	<u>3):</u> co	Analyses: TAL MEtals				
				Water Quality		-	HIM	tals		
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
1008	7.27	0.134	(ntu) \000+	(ing/L) 8.\D	19.75	(mV) -40	(ft btoc)	(Lpm)	(liters)	
				Sample Ii					I	
Sample ID:	58-86-1	GW-21-25		1025		Depth Interva	l of Screen: 🤈	1-25		
				Well Vo	olume					
A. Well Depth	25		D. Well Volum	e (III): 0-010	3	Volume Remo	oved: 1,0 e	yeu		
B. Depth to W	· · · · · · · · · · · · · · · · · · ·	.35	E. Well Volume	e (gal) C*D); 0	.17	Ратр Туре:	Water	rapump	>	
C. Liquid Dep	th (ft) (A-B);	16.65	F. Three Well V		0.21	Analyses:	TAL	netau		
Time	pH	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	Rate	Volume	
(hcs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
1025	7.25	0.218	1000+	8.05	19.42	-26.				
_			2	Sample Iı	nterval 4					
۲⊱:Sample ID	ib-B6-Gv	N-11-15	Sample Time:	1038		Depth Interva	l of Screen: []	-15		
A. Well Depth	(ff). 1 m		D. Well Volum	Well Vo		17 -1 P				
_	·· • •		E. Well Volume		103	Volume Remo Pump Type:	0,5 3	· · · · ·		
	ater (ft): 8.3		E. Well Volume		. 07			a fun	<u> </u>	
C. Liquid Dep	th (п) (А-b): (	0.65	F. Three Well V			Analyses:	THL	neteus		
Time	рН	Conductivity	Turbidity	Water Quality DO	Temperature	ORP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
1038	7.00 © OBSERVATIO	0.324	1000+	818	18.45	-12.9	<u> </u>			
ZOWIWINIS &	× ODSERVATIO									

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	R	EA En	gineering, P.C	. and Its Affi	liate EA Scier	ice and Techi	nology	NEW YORK	epartment o nvironmenta		
	9		IN-SITU (		ER SAMPLIN	G FORM	£		onservation		
Boring I.D.;	-87		EA Personnel;	4 H. YO		Client:	52033)				
Location: DZ		PLAZE	Sample Date:	1/2024		Weather: 12°¢,	<u></u>				
Sounding Met	hod:	- +002-	Measurement 1	Ref:		Well Diamete	<u>5 00 003</u> er (in):				
	<u>/p</u>			Sample In	ntownal 1	0.5					
Sample ID: ) <	R 07 P1	N-41-45	Sample Time;			Depth Interva	d of Screen: 4	1 _118~			
	D-B (- 51	<u>N-41-42</u>		Vell Vo	olume			1-45			
A. Well Depth	43		D. Well Volum	ie (ft): Or O 105	2	Volume Rem	^{ived:} 2.0				
B. Depth to Wa	nter (ft): X LIA	0	E. Well Volum	e (gal) C*D);	<u> </u>	Pamp Type;					
C. Liquid Dept	th (ft) (A-B): 3		F. Three Well V		3):	Analyses:	Waterra		<u> </u>		
		0.0-		Usl 3 Water Quality	Parameters		TAL M	ictaus			
Time	pН	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)		
1313	6.88	0.254	1000+	3.22	20.13	78					
Sample ID:				Sample In	iterval 2	Danth Interes	l of Saraant				
	28-15-1-1	5W-31-35	Sumple Time.	<u>1340</u> Well Vo	Jumo	Depth Interva	l of Screen: 3	1-32			
A. Well Depth	(ft): 35		D. Well Volum		<u>10100</u>	Volume Rema	oved:   <				
B. Depth to Wa	-	40	E. Well Volum	e (gal) C*D);	2 <b>7</b>	Pump Type: Waterra pump					
C, Liquid Dept	h (ft) (A-B): 2	16.60	F. Three Well V	رمی olumes (gal) (E/	^{3):} D 87	Analyses:		metal			
			J	Water Quality			<u></u>	<u>z mierus</u>	<u> </u>		
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft bloc)	Rate (Lpm)	Volume (liters)		
1328	7.12	0.222	21000	2.58	19.91	ù					
				Sample In	nterval 3		<u></u>		<u> </u>		
Sample ID: 12	58-B7-6	3W-21-25	Sample Time:	1343		Depth Interva	l of Screen: 2.1	-25			
A. Well Depth	(fi)		D. Well Volum	Well Vo							
		·	•	·· () ()	103	Volume Remo	1,0 1	gal			
	ter (ff): ' 8,4		E. Well Volume		.17	Pump Type:	Water	rapur	np		
	h (ft) (A-B):	6.60	F. Three Well V			Analyses:	TAL	motal	2		
Time	pН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	Rate	Volume		
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)		
1343	7.27	6.244	21000	1-19	19,52	-45		·			
				Sample Ir	nterval 4		-				
i S	8-87-6	W-11-15	Sample Time:	1353		Depth Interva	l of Screen:   -	15			
A. Well Depth (	(ft): 1		D. Well Volum	Well Vo	lume	Volume Repro	wed: a				
B. Depth to Wat	د ا	40	E, Well Volume	(gal) C*D):	3	Pump Type:	wed: 0.5 c				
C. Liquid Dept	<u> </u>		F. Three Well V	olumes (gal) (F	<u>.07</u>	Analyses:	Water				
		0.60		Water Quality		maryses.	TAL	metal.	2		
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
(hrs)	(pH units)	(mS/cm) わらのて	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)		
<u>1353  </u> Comments &	OBSERVATIO	0.585	1000+	0.83	19.67	-54		*====+			
			· · ···-								
				·····							

*MARDOMARIEDO* 

			Engineering, 1			_	- <i>°</i> , 2	NEW YORK	Departmer Environme Conservati
Boring I.D.:			<u>IN-SITI</u>	<u>LGROUNDW</u>	<u>'ATER SAMPI</u>	ING FORM		Y	Conservati
	<u>15B-B8</u>	)	EA Personne	1	CD	Client:			
Location:	d Captre	0 0 0 20	Sample Date			Weather:			
Sounding M	lethod:	<u>e pl272</u>	Measuremen	-125	124		- V () () () ()	SUMNY	
<u> </u>	ten	1 DRIANY			ound	Well Diam		0.5	
		·			Interval 1				
Sample ID;	<u>158-168-</u>	GW-11-15	Sample Time		:50		rval of Screen:	11 1-11	
A. Well Dep				Well	Volume			11-15'1	<u>295</u>
1	5	)'	D. Well Volu	me (ft):		Volume Re	moved:	.0 021	
B. Depth to V	Vater (ft):	3,95	E. Well Volur	ne (gal) C*D);	0.06	Ритр Туре		<u>.0 g21</u>	
C. Liquid De	pth (ft) (A-B):		F. Three Well	Volumes (gal)	(E3): 0.18		$_{\rm W2}$	terrz	
<u> </u>	(	0.05				Analyses:	TALIN	letzls	
Time	pH	Conductivity	Turbidity		ty Parameters				
(hrs)	(pH units)	(mS/cm)	(ntu)	DO (mg/L)	Temperatur (°C)	e ORP (mV)	DTW (ft btoc)	Rate	Volume
13:50	6.65	0.407	71000	0.30	20.40	- 84		<u>(Lpm)</u>	(liters)
				Sample 1	Interval 2				
) (Sample ID	SB-B8-G	W-21-25	Sample Time:	13:35		Depth Inter	al of Screen:		
				Well V				21-25	095
A. Well Deptl	Land		D. Well Volum			Volume Ren	toved: )	$\leq$	
B. Depth to W	· · · · ·	5.95	E. Well Volum		DIT	Pump Type:	<u></u>	<u> </u>	
C. Liquid Dep	oth (ft) (A-B):	16.05	F. Three Well V	/olumes (gal) (	E3): ().5)	Analyses:		2-terrz	
Time				Water Quality			TAL	netzle	<u> </u>
(hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO	Temperature	ORP	DTW	Rate	Volume
13:35	6.37	0.272	>1000	(mg/L)	20 171	(mV)	(ft btoc)	(Lpm)	(liters)
				0.66		-24			- <u></u> -
Sample ID: 15	B-B8-G1	1 2 25	Sample Time:	Sample In	nterval 3				
<u>l-</u>	<u>2 05 01</u>	<u>N-31-35</u>		1320		Depth Interv	al of Screen: 3	1-35 b	25
A. Well Depth	(ft): 351		D. Well Volume	Well Vo		Volume Rem			
8. Depth to Wa	tter (ft):	,95	E. Well Volume	(gal) C*D):	<u>n</u>	Pump Type:	L1	<u>5 gzl</u>	
. Liquid Dept	h (ft) (A-B): 2	6.05	F. Three Well V		0.27			etv2	
						Analyses:	THIL N	netzis	
Time	pН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature				
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	femperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume
1320	6.42	0.27=	E 976	0.44	20,96	-57	(	(сриј	(liters)
ammin TD	·····		S	ample In					<u> </u>
ambre ID: 12	<u>8-88-G</u>	W-41-45	Sample Time:			Depth Interva	of Screen;	1-451	
. Well Depth (				Well Vol				143	ogs
. Depth to Wat			D. Well Volume			Volume Remo	ved: 2.4	Dazl	
		95	E. Well Volume (		0.37	Ритр Туре:	11-1-	a ku a	
	(ft) (A-B): 3(	0.05	F. Three Well Vo		1711 1	Analyses:	TAL MO	Jola	
Time	рн	Conductivity	- N	ater Quality I			ILLE ITHE	+215	
(hrs)	(pH anits)	(mS/cm)	Tarbidity (ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volume
13:05	6.36	0.357	21000	0.86	71.40	(mV) -2-8	(ft btoc)	<u>(Lpm)</u>	(liters)
OMMENTS & (	OBSERVATIONS	S:			<u>/</u>	- 1-0			
SZME	de O	31-35	interes	_)		ha <u>an an</u> an a			
<u>~~</u> +			interv:	<u>zl sp</u>	lit_w/	ISB-G	W-FD-C	5-057	+2024
									- <u></u>
		· · · · · · · · · · · · · · · · · · ·							
						· · · · · · · · · · · · · · · · · · ·			

Read-			IN-SITI	J GROUNDW	ATER SAMPL	INO BODY	•	OPFORTUNITY	Departmer Environme Conservati		
Boring I.D.:	5 <del>8</del> -89				ATER SAMPL	IClient:					
Location:	10 01	······································	CD.	BL	<u> </u>	NYSDEC					
Beninc	l Captree	Plazer	Sample Date 5/24	1211		Weather;					
Sounding N	leth <u>od:</u>		Measuremen	t Ref:		Well Diameter (in)					
				ade		Well Diameter (in):					
C 1. TD				Sample	Interval 1		<u></u>				
Sample ID:	158-89-0	w-11-15	Sample Time	1050		Depth Infe	rval of Screen:				
				Well V	Volume		The of Screen:	11-15	_		
A. Well Dep	^{th (ff):} ] <b>5</b>		D. Well Volu	me (ft): san		Volume Re	moved				
B. Depth to 1	Vater (ft):		E. Well Volum	0.0103			me .	4			
	85	5	1	() m 7		Pump Type	Jaterra p				
Liquid De	pth (ft) (A-B);	15	F. Three Well	Volumes (gal)	(E3):	Analyses:	sufferre p	<u>vmp</u>			
	<u> </u>	13		0.20		T	AL Mete	als			
Time	pН	Conductivity	/ Turbidity	Water Qualit							
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	Temperature (°C)	e ORP (mV)	DTW	Rate	Volume		
1020	6.36	1.31	>1000	0.22			(ft btoc)	(Lpm)	(liters)		
						1 13					
ample ID:	58-09-0	-21-25	Sample Time:	Sample I	nterval 2						
		<u>nvv- 21- 20</u>	- Free states	1020		Depth Inter	al of Screen:	21-25			
. Well Deptl	^{1 (ft):} 25		D. Well Volum	Well Ve							
Depth to W	ater (ft): 8.	e /-		a 0.0	103	Volume Ren	noved: 1 aa	1			
Liquid Der	41 (60 (A D)	32	E. Well Volume	e (gal) C*D);	17	Volume Removed: 1 gal Pump Type: Waterna pomp					
- Adda Dep	<b>6</b> th (ft) (A-B):	6.45	F. Three Well V	'olumes (gal) (E	¹³ );-, 57	Analyses:	- VULTUI	a pomp			
Time				Water Quality	Parameters		TAL me-	tais			
(hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate			
1030	5.97		(ntu) >1000	(mg/L)	<u>(°C)</u>	(mV)	(ft btoc)	(Lpm)	Volume (liters)		
	0.11	6,210		0.51	17.13	-13			(		
mula ID.				Sample In	nterval 3				<u> </u>		
mbre IT: ] {	8-89-G	M-31-35	Sample Time:	1020		Depth Interv	l of Screen				
				YAT 11 YR .	lume		3	21-35			
Well Depth		-	D. Well Volume			Volume Rem	wadı				
Depth to Wa	ter (ft): 8.5	5	IE. Well Volumă	(gal) C*D).				al			
Liquid Dept	h (ft) (A-B): 2	( L/E-	F Three Well I	6,2	1	Pump Type:	Waterra	RUMP			
		6.90	F. Three Well Vo	olumes (gal) (E3	0.04	Analyses:	TALME				
Time				Vater Quality 1	Parameters	·····	11000	Fails			
(hrs)	(pH units)	Conductivity (mS/cm)	Turbidity	DO	Temperature	ORP	DTW	Rate			
1020	6.04	0.233	(ntu) >1000	(mg/L)	( <u>°</u> C)	(mV)	(ft btoc)	(Lpm)	Volume (liters)		
		0.255		1.23	17.90	-4			(		
iple ID: 15			S	ample In				<u> </u>			
15	<u> B-89-6</u>	W-41-45	Sample Time:	005		Depth Interval	of Screen: 41-				
Vell Depth (f	w)			Well Volu	une			45			
			D. Well Volume (	HH: 0.01		olume Remo	/ed:				
epth to Wate		<u> </u>	E. Well Volume (g	(al) C*D);		Parameter Th	<u></u>				
iquid Depth	(ft) (A-B): <b>7</b> 6	. 45	. Three Well Vol	-		L	Naterra	pund			
	ju				[	nalyses:	TAL Me-				
Time	pH	Conductivity	Wi Turbidity	ater Quality Pa							
(hrs)	(pH units)	(mS/cm)	(ntu)	DO ] (mg/L)	Cemperature	ORP	DTW	Rate	Volume		
005	5.97	0.351			19 05	(mV)	(ft btoc)	(Lpm)	(liters)		
MENTS & C	BSERVATION	IS	<u> </u>			-25	·				
							· · · · ·				
tra vo	whepm	workel wit	<u>h 158-8</u>	<u>9-GW-</u>	41-451	PUT MEN	men				

	A Engineering, P.	C. and Its Af	filiate EA Scie	nce and Tech	nology 🖌	NEW YORK	Department o	
					2	STATE OF OPPORTUNITY	Department o Environmenta Conservation	
Boring I.D.:	IN-SITU EA Personnel:	:	ATER SAMPLIN	G FORM				
ISB-CING	Remain Defer		<u>CD</u>	NYSDEC				
Stop + Shop Lot	Sample Date:	52	0/24	Weather:	FOF, E	SUNNY		
Sounding Method: theron Skin	Measurement	Ref: Gron	ind	Well Diameter (in): 0,5 ^M				
			Interval 1					
Sample ID: 16B-CL-GW-11-1	රි Sample Time:	157	5	Depth Interv	al of Screen: {	1-15	bas	
A. Well Depth (ft):	D. Well Volun	Well V		Volume Rem			<u> </u>	
10		<i>,</i>	5	_	oved:	1.0 g	21	
B, Depth to Water (ft): 8,55	E. Well Volum	1	0.07	Pump Type:	N	12ter	v 2	
C. Liquid Depth (ft) (A-B): 6,45	F. Three Well	Volumes (gal) (	^{(E3):} 0, 2.0	Analyses:	TAL	nort	to le	
			ty Parameters	·	1116-			
Time pH Conductiv (hrs) (pH anits) (mS/cm)		DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volame (liters)	
1525 6.69 0.81	5 >1000	3.69	19.69	-48				
		Sample I	nterval 2					
Bample ID: ISB-CI-GW-ZI-7	25 Sample Time:	-1210		Depth Interva	ll of Screen:	21-2:	5' bas	
A. Well Depth (ft): 25	D. Well Volum	Well V ne (ft):	olume	Volume Rem				
3. Depth to Water (ft): 8.55	E. Well Volum		0.17	Pump Type:		292	<u> </u>	
C. Liquid Depth (ft) (A-B): 16,45	F. Three Well \			Analyses:		zterv		
		Water Quality		<u> </u>	A	_ WIE	1215	
Time pH Conductiv (hrs) (pH units) (mS/cm)		DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate	Volume	
1510 6.81 0.41	1 >1000	2.77	20.4	-33	(1000)	(Lpm)	(liters)	
	······································	Sample I	nterval 3			L		
ample ID: 188-01-6W-31-3		1450		Depth Interva	l of Screen: ろ	1-35	bas	
	D. Well Volum	Well Vo		<u> </u>			<u></u>	
	E. Well Volum			Volume Remo	wed: 1, E	2921		
. Depth to Water (ft): 8,55	F. Three Well V		0.27	Pamp Type:	_ W2+	ervz		
			0.01	Analyses:	TALY	Metz!	15	
		Water Quality DO	Temperature			<b>D</b> •	Volume	
Time pH Conductivi	ity Turbidity			ORP	DTW			
(hrs) (pH units) (mS/cm)	(ntu)	(mg/L)	(°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	(liters)	
	(ntu) 36 >1000	3.64	(°C) 19.31					
(hrs) (pH units) (mS/cm) 1450 (254 0.81	(ntu) 36 >1000	3.64 Sample In	(°C) 19.31	(mV) -21	(ft btoc)	(Lpm)		
(hrs) (pH units) (mS/cm)	(ntu) 36 >1000	3, 64 Sample In 14,30	(C) 19.31 nterval 4	(mV)	(ft btoc)			
(hrs) (pH units) (mS/cm) 1455 6-54 0.87 ample ID: )58-C1-GW-41-4 . Well Depth (ft): 45	(ntu) 36 >1000	3, 64 Sample In 1430 Well Vo	(C) 19.31 nterval 4	(mV) -21	(ft btoc)	(Lpm)	(liters)	
(hrs) (pH units) (mS/cm) 1455 ( $a$ -54 0.81 ample ID: )SB-C1-GW-41-4 . Well Depth (ft): 45 . Depth to Water (ft): 8,55	(ntu) 36 >1000 5 Sample Time:	3, 69 Sample In 1430 Well Vo e (ff):	(C) 19.31 nterval 4	(mV) - 2] Depth Interval	(ft bloc) of Screen: 4 ved: 2.	(Lpm) 1-45' 0 g21	(liters)	
(hrs) (pH units) (mS/cm) $1450$ ( $a \le 4$ $O_{.}81$ ample ID: )SB-C1-GW-41-4 . Well Depth (ft): 45 . Depth to Water (ft): 8,55	(ntu) 36 >000 5 Sample Time: D. Well Volume	3, 64 Sample In 1430 Well Vo e (ft): : (gal) C*D):	0.37	(mV) – 2 Depth Interval Volume Remo	(ft bloc) of Screen: 4 ved: 2. W 2	(Lpm) 1-45' 0 g21 terve	(liters)	
(hrs)         (pH units)         (mS/cm)           1450         6.54         0.81           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         8.55           . Liquid Depth (ft) (A-B):         36.45	(ntu) 36 >000 55 Sample Time: D. Well Volume E. Well Volume F. Three Well V	3, 64 Sample In 1430 Well Vo e (ft): : (gal) C*D): 'olumes (gal) (E Water Quality	(°C) 19.31 nterval 4 olume 0.37 ⁽³⁾ : 1.12 Parameters	(mV) – 2 Depth Interval Volume Remo Pump Type: Analyses:	(ft bloc) l of Screen: Y ved: 2. W2. TAL	(Lpm) 1-45 0 g2 terv2 Metz	(liters)	
(hrs)       (pH units)       (mS/cm)         1450       6.54       0.81         ample ID:       )SB-C1-GW-41-4         . Well Depth (ft):       45         . Depth to Water (ft):       8.55         . Liquid Depth (ft) (A-B):       36.45         Time       pH       Conductivities         (hrs)       (pH units)       (mS/cm)	(ntu) <b>36 D D D</b> <b>5</b> Sample Time: <b>D</b> . Well Volume <b>E</b> . Well Volume <b>F</b> . Three Well V <b>ty Turbidity</b> (ntu)	3, 64 Sample In 1430 well Vo e (ft): : (gal) C*D): 'olumes (gal) (E	(°C) 19.31 nterval 4 olume 0.37 ⁽³⁾ : 1.12	(mV) – 2. Depth Interval Volume Remo Pump Type:	(ft bloc) of Screen: 4 ved: 2. W 2	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)(pH units)(mS/cm) $14567$ $(a \le 4)$ $O \le 81$ ample ID:) $\le 8-C1-GW-41-4$ . Well Depth (ft): $45$ . Depth to Water (ft): $8,555$ . Liquid Depth (ft) (A-B): $36,455$ TimepH(hrs)(pH units)(mS/cm) $430$ $430$ $6-63$ $0-576$	(ntu) <b>36 D D D</b> <b>5</b> Sample Time: <b>D</b> . Well Volume <b>E</b> . Well Volume <b>F</b> . Three Well V <b>ty Turbidity</b> (ntu)	3, 64 Sample In 1430 Well Vo e (ff): (gal) C*D): 'olumes (gal) (E Water Quality DO	(°C) 19.31 nterval 4 olume 0.37 ^[3] : [,12- Parameters Temperature	(mV) – 2 Depth Interval Volume Remo Pump Type: Analyses: ORP	(ft bloc) of Screen: Y ved: 2. W2. TAL DTW	(Lpm) 1-45 0 g2 terv2 Metz	(liters)	
(hrs)       (pH units)       (mS/cm)         1450       6.54       0.81         ample ID:       )SB-C1-GW-41-4         . Well Depth (ft):       45         . Depth to Water (ft):       8.55         . Liquid Depth (ft) (A-B):       36.45         Time       pH       Conductivities         (hrs)       (pH units)       (mS/cm)	(ntu) <b>36 D D D</b> <b>5</b> Sample Time: <b>D</b> . Well Volume <b>E</b> . Well Volume <b>F</b> . Three Well V <b>ty Turbidity</b> (ntu)	3, 64 Sample II 1430 Well Vo e (ft): (gal) C*D): (olumes (gal) (E Water Quality DO (mg/L)	(°C) 19.31 nterval 4 Dolume 0.37 3): [.12 Parameters Temperature (°C)	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV)	(ft bloc) of Screen: Y ved: 2. W2. TAL DTW	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)         (pH units)         (mS/cm)           1456         6.54         0.85           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         5.55           . Liquid Depth (ft) (A-B):         36.455           Time         pH           (hrs)         (pH units)           (MS/cm)         1430           1430         6.33           0.577           OMMENTS & OBSERVATIONS:	(ntu) <b>36 D D D</b> <b>5</b> Sample Time: <b>D</b> . Well Volume <b>E</b> . Well Volume <b>F</b> . Three Well V <b>ty Turbidity</b> (ntu)	3, 64 Sample In 1430 Well Vo e (fi): (gal) C*D): 'olumes (gal) (E Water Quality DO (mg/L) 0, 17	(°C) 19.31 nterval 4 Dolume 0.37 3): 1.12 Parameters Temperature (°C) 20.99	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV) - 82	(ft bloc) of Screen: 4 ved: 2. W2: TAL DTW (ft bloc)	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)         (pH units)         (mS/cm)           1456         6.54         0.85           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         5.55           . Liquid Depth (ft) (A-B):         36.455           Time         pH           (hrs)         (pH units)           (MS/cm)         1430           1430         6.33           0.577           OMMENTS & OBSERVATIONS:	(ntu) 36 >000 55 Sample Time: D. Well Volume E. Well Volume F. Three Well V ty Turbidity (ntu) 1 >(JDD)	3, 64 Sample In 1430 Well Vo e (fi): (gal) C*D): 'olumes (gal) (E Water Quality DO (mg/L) 0, 17	(°C) 19.31 nterval 4 Dume 0.37 ³³⁾ : 1.12 Parameters Temperature (°C) 20.99	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV) - 82	(ft bloc) of Screen: Y ved: 2. W2. TAL DTW	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)         (pH units)         (mS/cm)           1456         6.54         0.85           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         5.55           . Liquid Depth (ft) (A-B):         36.455           Time         pH           (hrs)         (pH units)           (MS/cm)         1430           1430         6.33           0.577           OMMENTS & OBSERVATIONS:	(ntu) 36 >000 55 Sample Time: D. Well Volume E. Well Volume F. Three Well V ty Turbidity (ntu) 1 >(JDD)	3, 64 Sample In 1430 Well Vo e (fi): (gal) C*D): 'olumes (gal) (E Water Quality DO (mg/L) 0, 17	(°C) 19.31 nterval 4 Dume 0.37 ³³⁾ : 1.12 Parameters Temperature (°C) 20.99	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV) - 82	(ft bloc) of Screen: 4 ved: 2. W2: TAL DTW (ft bloc)	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)         (pH units)         (mS/cm)           1456         6.54         0.85           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         5.55           . Liquid Depth (ft) (A-B):         36.455           Time         pH           (hrs)         (pH units)           (MS/cm)         1430           1430         6.33           0.577           OMMENTS & OBSERVATIONS:	(ntu) 36 >000 55 Sample Time: D. Well Volume E. Well Volume F. Three Well V ty Turbidity (ntu) 1 >(JDD)	3, 64 Sample In 1430 Well Vo e (fi): (gal) C*D): 'olumes (gal) (E Water Quality DO (mg/L) 0, 17	(°C) 19.31 nterval 4 0.37 ⁽³⁾ : [.12 Parameters Temperature (°C) 20.99	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV) - 82	(ft bloc) of Screen: 4 ved: 2. W2: TAL DTW (ft bloc)	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	
(hrs)         (pH units)         (mS/cm)           1456         6.54         0.85           ample ID:         )SB-C1-GW-41-4           . Well Depth (ft):         45           . Depth to Water (ft):         5.55           . Liquid Depth (ft) (A-B):         36.455           Time         pH           (hrs)         (pH units)           (MS/cm)         1430           1430         6.33           0.577           OMMENTS & OBSERVATIONS:	(ntu) 36 >000 55 Sample Time: D. Well Volume E. Well Volume F. Three Well V ty Turbidity (ntu) 1 >(JDD)	3, 64 Sample In 1430 Well Vo e (fi): (gal) C*D): 'olumes (gal) (E Water Quality DO (mg/L) 0, 17	(°C) 19.31 nterval 4 0.37 ⁽³⁾ : [.12 Parameters Temperature (°C) 20.99	(mV) - 2 Depth Interval Volume Remo Pump Type: Analyses: ORP (mV) - 82	(ft bloc) of Screen: 4 ved: 2. W2: TAL DTW (ft bloc)	(Lpm) 1-45' 0 g2 terv2 Met2 Rate	(liters)	

				ROUNDWAI	ER SAMPLIN		<u></u>		epartment invironment ionservatio	
Boring I.D.:	5B-C2		EA Personnel:	LBL,	CD	Client: NYSDEC				
Location: 5729 4 Sounding Meth	Shup L	not-	Sample Date:	5/20	124	Weather, 61° F, cloudy Well Diameter (in): 0,54				
Sounding Meth	od;	Spinnt	Measurement R	left of	<i>n</i>	Well Diameter (in):				
	Herin	SP-Inny			on nal	<u> </u>	0	$\Box$		
Sample ID: 14	· · · · · · · · · · · · · · · · · · ·	LI 11 11	Sample Time:	Sample In	itterval 1	Depth Interva	I of Screen:			
[St	5-C2-C1	W-11-15		([:05 Well VG	nlume			11-15	legs_	
A. Well Depth (	^{ft):} 15	<b>ì</b>	D. Well Voltim	e (ft):		Volume Remo	oved:	1.0 92		
B. Depth to Wal	er (ft): 7	¹ .8	E. Well Volume	: (gal) C*D):	0.07	Pump Type:	w	zterr	2	
C. Liquid Deptl	ı (ft) (A-B);	42	F. Three Well V	olumes (gal) (H	³⁾ in.22	Analyses: —		letzk		
				Water Quality						
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
	(pH units)	(mS/cm) 0.464	(ntu) うにのひ	(mg/L) 0.73	17.66	(mV) 39	(ft btoc)	(Lpm)	(liters)	
110	6.54	Long O.L	-			1_2_1	L		<u> </u>	
Sample ID: 40	B. + 2 -	р.,, <u>н</u> . е оч		Sample II	itterval 2	Depth Interva	I of Screen		7,	
5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	p-LZ-(	nW 21.25	banpk Tine.	1645 Well Va	lume	Deptil Interva	ii or ocreen.	21-25	<u>' bgs</u>	
A. Well Depth (	(t): Z (	ŝ	D. Well Volume			Volume Remo	oved:	1.5 92	<u> </u>	
B. Depth to Wat	er (ft): 7	8	E. Well Volume	(gal) C*D): C	5.18	Ритр Туре:	24	-terra	- <u>·</u>	
C, Liquid Deptl	(ft) (A-B);	17.2-	F. Three Well V	olumes (gal) (E	3): 0.53	Analyses:	THL	Met:	215	
				Water Quality	T	·				
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
1049	6.49	0.257	827	0.90	17.65	3	, , , , , , , , , , , , , , , , , , ,	(1	(,	
			<u> </u>	Sample In		<u> </u>	<u></u>		<u>4</u>	
Sample ID: 15	B-C2-G	W-31-35	Sample Time:	1020		Depth Interva	l of Screen:	31.35	695	
				Well Vo	olume	· · · · · · · · · · · · · · · · · · ·	· · · ·	(		
A. Well Depth (	· · ·		D. Well Volume	• •		Volume Remo	oved:	5.92		
B. Depth to Wat	er (ft):	F.S	E. Well Volume			Ратр Туре:	w:	eteriz	<u>.</u>	
C. Liquid Depth	(ft) (A-B): 2	3.2	F. Three Well V	olumes (gal) (E	^{13):} 0.83	Analyses:	TAL	Metz	15	
		1		Water Quality						
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
1026	6.47	0.218	21500	1.88	17.69	-46	, , , , , , , , , , , , , , , , , , ,			
		·		Sample Ir	nterval 4	·····	<u></u>			
Sample ID: 3	B-C2-	GW-41-45		0955		Depth Interva	l of Screen: (	f1-45th	bes	
X.	·			Well Vo					<u> </u>	
4. Well Depth (i	<u> </u>		D. Well Volume			Volame Remo	oved:	2.0 92		
B. Depth to Wat		1.8	E. Well Volume	· · · · · · · · · · · · · · · · · · ·	+40.38	Pump Type:	INR	terr2		
C. Liquid Depth	(ft) (A-B):	37.2	F. Three Well V		(* 1	Analyses:	TAL 1	netzl	5	
Time	рИ	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW			
(hrs)	pri (pH units)	(mS/cm)	(ntu)	(mg/L)	1 emperature (°C)	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)	
1002	5.50	0.384	21050	1.73	17.60	111				
COMMENTS &	OBSERVATIO	NS:					<u> </u>		<u> </u>	
Split	SIZMI	sle 15B	-C2-614	1-21-2	5 w/	FD-0	) <u>3</u>			
					- 1-	· // ·	_/		•	
<u> </u>										
<u></u>										

			Ingineering, P.				hnology	NEW YORK	Department Environment Conservation		
Boring I.D.:	10.0 00		IN-SITU JEA Personnel	<u>GROUNDWA</u>	ATER SAMPL						
	ISB-C3		L CD L	BU		Client: NYSDEC					
Location;	dware Lot		Sample Date:			Weather:					
Sounding Me	ethod:		5/23/	2024		630 morthy cloudy					
			Measurement 9/04	Kef:		Co Boff, morthy cloudy Well Diameter (in);					
					Interval 1	0.	2				
Sample ID:	<u> </u>	hw-11-15	Sample Time:		interval 1						
	<u>-0 C3-G</u>	w - 1 - 15		<u></u> /		Depth Inter	val of Screen:	11-12			
A. Well Deptl	h (ft):		D. Well Volue	Well V	/olume						
	12			ne (ft): 5.M	٥3	Volume Rer	noved: 055 q	201			
B. Depth to W	)	.15	E. Well Volum	ne (gal) C*D);		Pump Type:					
C. Liquid Dep	oth (ft) (A-B):	- <u></u>	F Three Wall	Volumes (gal) (	08		Waterre	i pump	>		
		7.85	1. Made Well	vonunes (gai) (	[E3]: <b>7.1</b>	Analyses:	TALW				
				Water Qualit	y Parameters		1110 1.				
Time (hrs)	pH (pH units)	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume		
1145		(mS/cm)	(ntu)	(mg/L)	<u>(°C)</u>	(mV)	(ft btoc)	(Lpm)	(liters)		
	6.38	0.897	>1000	1.54	19-13	-47					
				Sample I	nterval 2						
ample ID;	SB-C3-1	GW-21-25	Sample Time:	1020		Depth Interv	al of Screen: Z				
				Well Vo	olume			1-25			
A. Well Depth	^{(ft):} 25		D. Well Volum	ie (ft): 0 /	102	Volume Rem	oved:				
3. Depth to Wa	ater (ft): 7.1	15	E. Well Volume	e (gal) C*D):	103	Pamp Type:	Q				
. Liquid Dept	1 103 11	7.85	F Three Woll V	$\frac{1}{C}$	2.18	- water a pump					
		7.85	F. Three Well V	onnies (gai) (E		Analyses:	TAL M	etals			
Time	pН	Conductivity	Turbidity	Water Quality							
(hrs)	(pH units)	(mS/cm)	(ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volume		
1020	6.29	0.140	71000	0.55	(°C)	(mV)	(ft btoc)	<u>(Lpm)</u>	(liters)		
		10/110				-60					
ample ID: ve	0			Sample Ir	<u>iterval 3</u>						
12.12	<u>B- C3- C1</u>	W-31-35	Sample Time:	GIDI		Depth Interva	l of Screen: 3	1-35			
Wall Denth (	((0)			Well Vo	lume						
. Well Depth (			D. Well Volume	19 0.0V	03	Volume Remo	wed: J. S	0.41			
. Depth to Wat	ter (ft): 7. (		r, wen vonume	Igal) C [*] D);	00	Pump Type:					
Liquid Deptl	h (ft) (A-B): 2	785	F. Three Well Vo	O Olumes (gal) (E	21		Water	<u>a pum</u>	P		
				sturnes (Birl) (E	<u>** 0.86</u>	Analyses:	TAL I	Neteus			
Time	рН	Conductivity	Turbidity	Water Quality					·		
	(pH units)	(mS/cm)	(ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volame		
(hrs)		0.2.29	2000	2,39	<u>(0</u> 18:02	(mV) 2(	(ft btoc)	(Lpm)	(liters)		
(hrs) }010	<del>GRO</del> SP			<u> 4001</u>	<u>10,02</u>	<u> </u>					
1010	6.32 ⁰	0.3134									
1010	5.92	0.256		ample In	terval 4						
1010	5.92			ample In	terval 4	Depth Interval	of Screen; 4	1-45	· _ · _ · _		
1010 . ^{mple ID:} 15	5.92 B-C3-6	0.256 Gw-41-45	Sample Time:	0935 Wall Vol			7	1-45			
1010 mple ID: 15 Well Depth (f	5.92 B-C3-( ^{(1):} 45	0.256 3W-41-45	Sample Time:	0955 Well Vol	ume	Depth Interval Volume Remo	7				
1010 mple ID: 15 Well Depth (f Depth to Wate	5.92 B-C3- ( ^{tt):} 45 ^{er (ft):} 7.	0.256 3W-41-45	Sample Time:	0955 Well Vol	ume		ved: 2012	\			
1010 mple ID: 15 Well Depth (f	5.92 B-C3- ( ^{ft):} 45 ^{er (ft):} 7.	0.256 3W-41-45 15	Sample Time: D. Well Volume 3. Well Volume (	(ft): 0.010 (gal) C*D): C	ume 23 23	Volume Remo Pump Type:	7 Ved: 203a Wateri	a pur	ρ		
1010 mple ID: 15 Well Depth (f Depth to Wate	5.92 B-C3- ( ^{ft):} 45 ^{er (ft):} 7.	0.256 3W-41-45 15	Sample Time: D. Well Volume ( 3. Well Volume ( 7. Three Well Vol	Well Vol (ft): 0.010 (gal) C*D): 0 lumes (gal) (E3)	ume 23 239 ): 1.17	Volume Remo	ved: 2012	a pur	P		
1010 mple ID: 15 Well Depth (f Depth to Wate Liquid Depth Time	5.92 B-C3- ( ft): 45 er (ft): 7. (ft) (A-B): 3 pH	0.256 3W-41-45 15	Sample Time: D. Well Volume ( 3. Well Volume ( 7. Three Well Vol	Well Vol (ft): 0.0 VC (gal) C*D): C lumes (gal) (E3) Vater Quality F	ume >3 >3 >39 ): 1.17 Parameters	Volume Remov Pump Type: Analyses:	ved: 29a Wateri TALM	a Pur Ctals			
1010 mple ID: 15 Well Depth (f Depth to Wate Liquid Depth Time (hrs)	5.92 B-C3- ( ft): 45 er (ft): 7. (ft) (A-B): 3 pH (pH units)	0.256 3W-41-45 ^t 15 15 7.85 F Conductivity (m5/cm)	Sample Time: D. Well Volume ( 3. Well Volume ( 4. Three Well Vol W Turbidity (ntu)	Well Vol (ft): 0.0 VC (gal) C*D): C lumes (gal) (E3) Vater Quality F	ume >3 >3 >39 ): 1.17 Parameters Temperature	Volume Remo Pump Type: Analyses: ORP	ved: 23a Wateri TALM	a Pur Etals Rate	Volume		
Imple ID:       IS         Well Depth (f         Depth to Wate         Liquid Depth         Time         (hrs)         Image S	5.92 B-C3-6 (ft): 45 er (ft): 7. (ft) (A-B): 3 pH (pH units) S.32	0.256 3W-41-45 15 15 7.85 Conductivity (m5/cm) 0.313	Sample Time: D. Well Volume ( 3. Well Volume ( 7. Three Well Vol W Turbidity	Well Voi           (ft):         0.0 \C           (gal) C*D):         C           lumes (gal) (E3)           Vater Quality F           DO	ume >3 >3 >39 ): 1.17 Parameters	Volume Remov Pump Type: Analyses:	ved: 29a Wateri TALM	a Pur Ctals			
1010 mple ID: 15 Well Depth (f Depth to Wate Liquid Depth Time (hrs) PI 55	5.92 B-C3-6 ft): 45 er (ft): 7. (ft) (A-B): 3 pH (pH units) S-32 DESERVATION	0.256 3W-41-45 15 15 7.85 Conductivity (m5/cm) 0.313	Sample Time: D. Well Volume ( 3. Well Volume ( 4. Three Well Vol Well Volume ( 4. Three Well Vol Well Volume ( 58-3	Well Voi           (ft):         0.0 \C           (gal) C*D):         C           (gal) C*D):         C           lumes (gal) (E3)           Vater Quality F           DO           (mg/L)           4.566	ume >3 >.39 ): 1.17 Parameters Temperature (°C) 18-32	Volume Remov Pump Type: Analyses: ORP (mV) 152	Ved: 29a Watern TALM DTW (ft bloc)	a Aur Ctals Rate (Lpm) 150-G	Volume (liters)		
1010 mple ID: 15 Well Depth (f Depth to Wate Liquid Depth Time (hrs) PI 55	5.92 B-C3-6 ft): 45 er (ft): 7. (ft) (A-B): 3 pH (pH units) S-32 DESERVATION	0.256 3.W-41-45 ¹ 15 15 7.85 F Conductivity (mS/cm) 0.313 18:	Sample Time: D. Well Volume ( 3. Well Volume ( 4. Three Well Vol Well Volume ( 4. Three Well Vol Well Volume ( 58-3	Well Voi           (ft):         0.0 \C           (gal) C*D):         C           (gal) C*D):         C           lumes (gal) (E3)           Vater Quality F           DO           (mg/L)           4.566	ume >3 >.39 ): 1.17 Parameters Temperature (°C) 18-32	Volume Remov Pump Type: Analyses: ORP (mV) 152	Ved: 29a Watern TALM DTW (ft bloc)	a Aur Ctals Rate (Lpm) 150-G	Volume (liters) N - FD		
1010 mple ID: 15 Well Depth (f Depth to Wate Liquid Depth Time (hrs) PI 55	5.92 B-C3-6 ft): 45 er (ft): 7. (ft) (A-B): 3 pH (pH units) S-32 DESERVATION	0.256 3.W-41-45 ¹ 15 15 7.85 F Conductivity (mS/cm) 0.313 18:	Sample Time: D. Well Volume ( 3. Well Volume ( 4. Three Well Vol Well Volume ( 4. Three Well Vol Well Volume ( 58-3	Well Voi           (ft):         0.0 \C           (gal) C*D):         C           (gal) C*D):         C           lumes (gal) (E3)           Vater Quality F           DO           (mg/L)           4.566	ume >3 >.39 ): 1.17 Parameters Temperature (°C) 18-32	Volume Remov Pump Type: Analyses: ORP (mV) 152	Ved: 29a Watern TALM DTW (ft bloc)	a Aur Ctals Rate (Lpm) 150-G	Volume (liters) N - FD		

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				J		DUR	and and rect		NEW YORK SYATE OF OFPORTUNITY	Department o Environmenta Conservation
				<u>IN-SITI</u>	J GROUNDW	ATER SAMPLI	NG FORM			Conservation
	Boring I.D.:	1.225	) (	EA Personne	1. 1	MB	Client: NYSDEC			
	Location:	chool bai	11 field	Sample Date		24	Weather:	61°F	cloud	l.v.
	Sounding M	lethod: Herov	skinny	Measuremen	t Ref: Gro	und Surf.	Well Diamet	er (in):	),5	- /
			,			Interval 1				
	Sample ID:	<u> 1513-01-</u>	GW-11-15	Sample Time	<u>1415</u>		Depth Interv	al of Screen:	1-15	695
	A. Well Dep	^{th (ft):} /5	4	D. Well Volu	Well V	/olume	Volume Rem	noved:	<u> </u>	
	B. Depth to	Water (ft): ب	25'	E. Well Volu	me (gal) C*D): (	0.110	Pump Type:	11/2.4	1	
	C. Liquid De	epth (ft) (A-B): /	0.75'	F. Three Well	Volumes (gal)	(E3): 6.33	Analyses: 7	MI MA.	6 bi la	11.1
						ty Parameters	1/	ML MC	Tals (1	ot t dis
	Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/I)	Temperature		DTW	Rate	Volume
	1416	6.68	6.179	71,000	(mg/L)	17.25	(mV) ~88	(ft btoc) 4.25	(Lpm) (ひ.て	(liters)
						Interval 2	1_00_	01.00		<u>(2-</u> U
	Sample ID:	158-DI-(		Sample Time			Depth Interva	al of Screen:	21-25	1.0
			,		Well V	olume			61 43	bys
	A. Weil Dept B. Depth to V	<u> </u>		D. Well Volu		<u> </u>	Volume Rem	oved: 7	, Sqz	
	1 ···	<u></u> <u></u>	25'	E. Well Volum	ne (gal) C*D); (	5.215	Pump Type:	$\mathcal{W}_{z}$	attera	
	C. Exquite De	pen (n) (A-D).	20.75	F. I hree well		E3): 6.645	Analyses:	TAL Met.	als (tot.	+ dis.)
	Time	pH	Conductivity	Turbidity	Water Qualit	y Parameters Temperature	ORP	DTW	Rate	Volume
	(hus) 1358	(pH units)	(mS/cm) 6-303	(ntu)		(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
	10330	10.50	10-202	7600	2.64	17.26	42	4.25	4.3	5.0
	Sample ID:	1512 DI (	Sel 21 mm	Sample Time:	Sample I	nterval 3	Dopth Intoma	l of former		
		DD <u>D</u> DE	W-31-35		Vell V	alume		ll of Screen: 3	<u> -35' k</u>	95
	A. Well Dept		· · · · · · · · · · · · · · · · · · ·	D. Well Volun	ne (ft): 13	40 -	Volume Remo		<u>C A 1</u>	
	B. Depth to W	Vater (ft): 4,2	25'	E. Well Volum	ne (gal) C*D);	5.314	Pump Type:	1.10	<u>5 921</u> #	
	C. Liquid De	oth (ft) (A-B):	30,751	F. Three Well	Volumes (gal) (	E3): 0.942	Analyses:+1	<u> </u>	Hero-	
					Water Quality	Parameters	· · · · · · · · · · · · · · · · · · ·	TE Metz	<u>45 (707.</u>	t dis,)
	Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volume
141345	1445	6.17	0-374	71000	10-98	10.14	(mV) 65	(ft btoc) 4.75	<u>(Հրտ)</u> (Ե. Տ	(liters) 3.5
					Sample I					30
	Sample ID:	15B-D1-1	5W-41-45	Sample Time:	/3-30		Depth Interval	l of Screen:	11-215-1	lage
					Well Ve			/	1-45	logs
	A. Well Depth	75		D. Well Volum			Volume Remo	ved: Z.	0 gal	
	B. Depth to W		.5'	E. Well Volum	e (gal) C*D): 🕐	.416	Pump Type:	Watter		
	C. Liquia Dep	th (ft) (A-B): 4	0.75		/olumes (gal) (E	1-0	Analyses: 77	4L Metz	15 /tot.	(dis)
	Time	pН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	¢	
	(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)
	1324	6.36	0.289	71000	8.81	17.50	~3	4.25	6.3	2.5
		& OBSERVATIO	NS:							
									·	
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		EA En	gineering, P.C	and Its Aff	iliate EA Scien	ice and Tech	nology 🧹	NEW YORK	Department of
							<u>کــــر</u>		Department of Invironmental Conservation
Boring I.D.:			IN-SITU ( EA Personnel:	ROUNDWA'	<u>FER SAMPLIN</u>	<u>G FORM</u>			
	<u>SB-D1</u>		1 C. Der	ncy M.	toung	NYSDEC (	152033	)	
Location: D	zus Fast Addie Sch	ener size	ISample Date: .	5/202		Weather:	PF, cloud	ະ ໄປ	
Sounding Me	thod:	GUI Mala	Measurement R	lef:	<u>,</u>	Well Diamete	r (in):	~7	
<u> </u>	51/11		9	irade			0.5		
Gample ID:			Sample Time:	Sample I	nterval 1	D.d.Y.	1-00		
is is	6-D1-C	nw-4-8	Sample Time;	1120 Well Vi		Depth Interva	l of Screen: 4	-8	
A. Well Deptl			D. Well Volum	e (ff):	olume	Volume Rem	nveđ:		
				<u>, 0'0'0</u>	<u>3                                    </u>	(	5.25 ya	۱	
B. Depth to W	^{(ater (ft):} 4.2	5	E. Well Volume	0.0	4	Pump Type:	)aterna	PUM	0
C. Liquid Dep	41. (64) ( 4. 11).	75	F. Three Well V	olumes (gal) (l	E3):	Analyses:	Jouterna ALMC	haite	
	<u>&gt;</u> ^	10		Water Quality				100	
Time	рН	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume
(hrs)	(pH units)	(m5/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
LIZO_	6.67	0.185	1 100+	0 52	19.30	-1		ريمين (ماكانت في ال ريمين (ماكانت في ال	
Sample 1D:				Sample I	nterval 2	D. d. Y.	1-66		
Sample U:			Sample Time:	NAT 11 12		Depth Interva	l of Screen:		
A. Well Depth	(ff).		D. Well Volum	Well Vo e (ft):	blume	Volume Remo	oved:		
B. Depth to W	ater (ft):	- <b></b>	E. Well Volume	(gal) C*D);		Pump Type:			
C. Liquid Dep		<u> </u>	F. Three Well V	olumes (gal) (I	E3):	Analyses:			
		<u> </u>	l	Water Quality	,				
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
									<u> </u>
Sample ID:			Sample Kime:	Sample I	nterval 3	Depth Interva	I of Farmon		
oumpie ito.			Sample some.	T17 11 87			i or screen:		
A. Well Depth	(ft):		D. Well Volume	Well Vo		Volume Rema	oved;	·· ··	·····
B. Depth to W	ater (ft):		E. Well Volume	(gal) C*12):		Pump Type:			
C. Liquid Dep	th (ft) (A-B):		F. Three Well V		<u>ها:</u>	Analyses:			
		<u></u>		Water Quality		,		<b></b>	
Time	pН	Conductivity	Turbidity	DO DO	Temperature	ORP	DTW	Rate	Volume
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
		/		Sample II	nterval 4				
Sample ID:			Sample Time:			Depth Interva	1 di Screen:		
A. Well Depth	(60).		D Well V-1	Well Vo	olume	X7_1			
		-	D. Well Volume			Volume Remo	oved:	<b>.</b>	
B. Depth to W			E. Well Volume			Ритр Туре:		<u> </u>	
C. Liquid Dep	tn (1947) (A-B):		F. Three Well V			Analyses:			
Time	pН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	Rate	Volume
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
COMMENTS &	& OBSERVATIO	NS:						<u></u>	
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$ \frac{5 (M_{12} - M_{12})}{(M_{12} - M_{12})} = \frac{M_{12} - M_{12}}{(M_{12} - M_{12})} = \frac{M_{12} - M_{12}}}{(M_{12} - M$	15B-DJ		USL,	MB	NYSDEC			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	e durol 1 and Geold		5/8/2	-4			clouds	
Sample Interval 1         Sample Interval 1         Well Volume         Well Volume       Volume Removel:       1.5       9.2         B. Depth (0):       3.5       E. Well Volume (ga) (CD):       0.117       Promp Type: $VJZH er z_{-}$ C. Liquid Depth (0):       3.5       E. Well Volume (ga) (CD):       0.117       Promp Type: $VJZH er z_{-}$ C. Liquid Depth (0):       6.1       S. Three Well Volume (ga) (CD):       0.117       Promp Type: $VJZH er z_{-}$ Time       pH       Conductivity       Turbidity       DO       Temperature       ORP       (PTW)       Rate       Volume         (dm)       (pH unin)       (GAVert)       (full frame)       (full frame) </td <td>Sounding Method: Heron Skinn</td> <td>Measurement R</td> <td>ef: C</td> <td></td> <td>Well Diamet</td> <td>er (in): (C</td> <td>),5</td> <td></td>	Sounding Method: Heron Skinn	Measurement R	ef: C		Well Diamet	er (in): (C	),5	
A. Well Depth (ft): [5] D. Well Volume (ft): Volume Removed: ].5 9.2. B. Depth to Water (ft): [5] D. Well Volume (ft): Volume Removed: ].5 9.2. C. Liguid Depth (ft): A. Di: 1(.5] E. Three Well Volumes (gal) (CD): 6.1(.7) Tune (ft): (ft): 7.15 F. Three Well Volumes (gal) (CD): 7.35 Analyses: TAL_Matrix (ft): +d): Well Conductivity Turbidity DO (fty) (ft): (ft): (ft): (ft): +d): Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (5.7) Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (5.7) Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (5.7) Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (5.7) Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (5.7) Sample ID: (5.8, $-D2 - 21 - 25$ Sample Time: (J): (J): (J): (J): (J): (J): (J): (J)		· · · · · · · · · · · · · · · · · · ·	Sample In	nterval 1	- <u>!</u>			<u> </u>
A. Well Depth (b): B. Depth to Water (b): B. Depth to Water (b): C. Equid Depth (b): A. Well Depth (b): A. Well Popth (b): M. Three Well Volume (ga) CD: D. U. T. Pump Type: W2 H er 2. The pH (conductivity Turbidity DO Temperature ORF (c) (c): M. Well Depth (b): D. Depth Tance (b): D. Well Volume (ga) CD: D. Well Volume (ga) CD: D	Sample ID: 15B-D2-11-15	Sample Time:	10:24	6	Depth Interv	al of Screen:	11-15	bas
B. Depth to Water (t): B. Depth to Water (t): C. Liquid Depth (t) (A-B): (1, S) E. Well Volumes (gal) (CD): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (D): (	A. Well Depth (ft):	D. Well Volume		olume	Volume Ran	ovodi -		
C. Liquid Depth (e) (A-B): 1(.5) F. There Well Volumes (gd) (EB; $b_{2}, 5_{3}$ Analyses: TAL_MATASS (tpt, +dissection) The pH (ms(s)) (mS	15			<u> </u>		w	5 92	1
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	3-7	E. Well Volume	(gai) C-D): (	5.11.1	Pamp Type:	WZ	Hera	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	C. Liquia Depth (tt) (A-B): 11.5	F. Three Well Vo	olumes (gal) (E	^{3):} 0-35l	Analyses:	FAL M	etals	Hist + dis
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Time pH Conductivi						<u></u>	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	(lus) (pH units) (mS/cm)	(ntu)	(mg/L)	-	(mV)	1	(Lpm)	
Sample ID: 15B - D2 - 2(-25) Sample Time: $09:55$ Depth Interval of Screen: 2(-25) 695 Well Volume (f): 251 D. Well Volume (f): Volume Removed: 59 92 B. Depth to Water (ft): 3.51 E. Well Volume (ga) CD: 6.52 Analyses: TAL WALLY 2 Time pH Conductivity Turbidity DD Temperature ORP DTW (f, f, e) (f, e	1011 12-70 5.2010	71000	2.6Z	6.34	-75	3.5	0.3	7.5
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Samala ID:							
A. Well Depth (ft): $25^{1}$ D. Well Volume (ft): $-$ Volume Removed: $5^{2}$ g a. 8. Depth to Water (ft): $3.5^{1}$ E. Well Volume (gal) (CD): 6. 7. [Q] Pump Type: $Na+l_{2}Na$ 2. Liquid Depth (ft) (A-B): $21.5^{1}$ E. Three Well Volumes (gal) (CD): 6. 7. [Q] Pump Type: $Na+l_{2}Na$ Time pH Conductivity Turbidity Do Temperature ORP (ft bloc) (Lpm) (ft end) (ft bloc) (Lpm) (ft end) (ft bloc) (Lpm) (ft end) (ft bloc) (Lpm) (ft bloc) (Lpm) (ft end) (ft bloc) (ft bl	15B-D2-21-2	Sample Time:			Depth Interv	al of Screen:	21-25	695
B. Depth to Water (ft): $3,5'$ E. Well Volume (gal) (°D): $5,7(4)$ Pump Type: $Matharmonic formation of the formation of the$	A. Well Depth (ft): 25	D. Well Volume		ume	Volume Rem	oved:	5	<u>, í í í í í í í í í í í í í í í í í í í</u>
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		E. Well Volume (	(gal) C*D):	:219				
Water Quality ParametersWater Quality ParametersORP (has)(pH units)Conductivity (mS/cm)Turbidity (mtu)DO (mg/1)Temperature (mS/cm)ORP (mtu)DTW (ft bioc)Rate (lpm)Volume (liters)ORP (mS/cm)DTW (mtu)Rate (mg/1)Volume (ft bioc)Volume (lpm)Volume (liters)Sample Interval 3Sample Interval 3Sample Interval 3Sample Interval 3Sample Time:OC 1 : 3 O VolumeDepth Interval of Screen:Sat 1 : 3 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5		F. Three Well Vo	lumes (gal) (E	3): 0.1.57	Analyses:			14.4 + 1
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		V	Vater Quality	Parameters		-		/
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	(hrs) (pH units) (mS/cm)	*   *		-				
Sample Interval 3Sample Time: $OQ$ ; 30Depth Interval of Screen: 31-35Sample ID: $15B - D2 - 31 - 35$ Sample Time: $OQ$ ; 30Depth Interval of Screen: 31-35Sq.2Well Volume (ft):3.5D. Well Volume (fg): $OQ$ ; 32Pump Type: $WZ + EVA$ Stappe (ft):3.5E. Well Volume (gal) (°D): $O$ ; 32Pump Type: $WZ + EVA$ Liquid Depth (ft) (A-B):31.5P. Three Well Volumes (gal) (E3): $O$ , $Q$ ; 3Analyses: $TAL = ME + als (Att + d + als + $	0954 6.34 0.276	1 >1000						
Well VolumeA. Well Depth (ft):3.5D. Well Volume (ft):Volume Removed:1.59.2.3. Depth to Water (ft):3.5E. Well Volume (gal) (CD): $0.32$ Pump Type:WZ+LeVa2. Liquid Depth (ft) (A-B):31.5R. Three Well Volumes (gal) (E3): $0.94$ Analyses: $IAL$ Metals ( $fpt. + dx$ )Water Quality ParametersTimeDFHConductivityTurbidityDOTemperatureORPDTWRateVolume(ms/cm)(ntu)(ms/cm)ConductivityTurbidityDOTemperatureORPDTWRateVolume(here well Volumes (gal) (E3): $0.94$ $-94$ $3.5$ $0.3$ $4.0$ Sample Interval 4Sample Time:OS 10Depth Interval of Screen: $2.41-45$ $6.5$ Well Volume (ft):Well Volume (ft):Volume Removed: $2.70$ $9.24$ Volume Removed:2.70 $9.24$ Well Volume (gal) (CD): $0.423$ Pump Type: $W24$ Water Quality ParametersTime $0.41-45$ $6.54$ Well Volume (gal) (CD): $0.423$ Pump Type: $W24$ Volume Removed: $2.70$ $9.24$ Volume (fth): $3.51$ E. Well Volume (		S	ample In	terval 3			<u> </u>	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Sample ID: 158-D2-31-35	Sample Time:	09;2	30	Depth Interva	l of Screen:	31-25	<u>চি</u> শ্ব ১
3. Depth to Water (ft): 3.5 E. Well Volume (gal) C*D): 0.32 Pump Type: $WZ_{+}UZ_{+}Z_{+}Z_{+}Z_{+}Z_{+}Z_{+}Z_{+}Z_{+}$	A. Well Depth (ft): 2 = 1	D. Well Volume		lume	Volume Rom	wade 1 6	/ · · · ·	
$ \begin{array}{c c} Liquid Depth (ft) (A-B): 31.5 \\ \hline \\ Liquid Depth (ft) (A-B): 31.5 \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ $				·> 1 I		[.*	<u> 921</u>	
Water Quality ParametersTime (hrs)pH (pH units)Conductivity (mS/cm)Turbidity (ntu)DO (mg/L)Temperature (C)ORP (mV)DTW (ft btoc)Rate (Lpm)Volume (liters) $\bigcirc 435$ $5 \cdot [0]$ $\bigcirc 408$ $7[000$ $\bigcirc 160$ $6 \cdot 94$ $\neg 97$ $3 \cdot 5$ $\bigcirc 3$ $4 \cdot 0$ $\bigcirc 435$ $5 \cdot [0]$ $\bigcirc 408$ $7[000$ $\bigcirc 160$ $6 \cdot 94$ $\neg 97$ $3 \cdot 5$ $\bigcirc 3$ $4 \cdot 0$ Sample ID: ample ID: $1560 - D2 - 41 - 45$ Sample Time: Sample Time: $OB 10$ Depth Interval of Screen: Volume Removed: $2 \cdot 0$ $2 \cdot 0$ $92$ Well Depth (ft): $4 \cdot 5$ $1 \cdot 0$ $0 \cdot 98 \cdot 10$ Depth Interval of Screen: $2 \cdot 0$ $2 \cdot 0$ $92$ $A$ . Well Depth (ft): $4 \cdot 5$ $1 \cdot 0$ $0 \cdot 98 \cdot 10$ $0 \cdot 98 \cdot 10$ $0 \cdot 98 \cdot 10$ $0 \cdot 3 \cdot 10$ $A$ . Well Depth (ft): $4 \cdot 5 \cdot 5$ $1 \cdot 0$ $0 \cdot 98 \cdot 10$ $0 \cdot 98 \cdot 10$ $0 \cdot 98 \cdot 10$ $A$ . Well Depth (ft) (A-B): $4 \cdot 10 \cdot 5$ $1 \cdot 0 \cdot 10 \cdot 98 \cdot 10^{-9} \cdot 10^{-$		F. Three Well Vol	lumes (gal) (E3	. <u>34</u>				2
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				¥ V . J		<u>14) m</u>	etals (	Tot. tol 3
$\frac{1}{935} \frac{5 \cdot 10^{3}}{5 \cdot 10^{3}} \frac{1}{0 \cdot 40^{8}} \frac{1}{71000} \frac{1}{0 \cdot 10^{4}} \frac{1}{16 \cdot 94} \frac{1}{947} \frac{1}{3 \cdot 5} \frac{1}{0 \cdot 3} \frac{1}{4 \cdot 0}$ $Sample Interval 4$ $Sample Interval 4$ $Sample Interval 4$ $Well Volume$ $Well Volume (ft): \frac{1}{15 \cdot 5} \frac{1}{10 \cdot 10^{4}} \frac{1}{10 \cdot 95} \frac{1}{10 \cdot 95}$		7 Turbidity	DO	Temperature				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					-	· · · ·		
image ID: $15B - D2 - 41 - 45$ Sample Time: $OB10$ Depth Interval of Screen: $344 - 45^{\circ} b_{35}$ Well VolumeWell Volume (ft):Volume Removed: $2:0$ gaVolume Removed: $2:0$ gaS. Depth for Water (ft): $3.51$ E. Well Volume (gal) C*D): $0.4^{\circ}23$ Pump Type: $W244 PV 2$ Competitive (ft) (A-B): $41-55$ F. Three Well Volumes (gal) (E3): $1.72$ Analyses: "FAL Metals (tot. tot. tot. for the form of					<u> </u>	1 3-0	0.5	<u> </u>
Well VolumeA. Well Depth (ft):D. Well Volume (ff):Volume Removed:2,092B. Depth to Water (ft):S. 51E. Well Volume (gal) C*D): $0.423$ Pump Type: $N24PV2$ C. Liquid Depth (ft) (A-B): $41.5$ F. Three Well Volumes (gal) (E3): $1.22$ Analyses: $AL Metals (tot. tot. tot.)$ Water Quality ParametersTimepHConductivityTurbidityDOTemperatureORPDTWRateVolume(hrs)(pH units)(ms/cm)(ntu)(mg/L)(°C)(mV)(ft bloc)(Lpm)(liters) $28/b$ $5.63$ $0.468$ $21000$ $0.14b$ $13-944$ $-947$ $3.5$ $0.3$ $2.5$ OMMENTS & OBSERVATIONS:	iample ID: 15B-D2-41-4=				Depth Interva	l of Screen:	3 41-215	1
B. Depth to Water (ft): $3.51$ E. Well Volume (gal) C*D): $0.423$ Pump Type: $W2HPY 2$ Analyses: $AL$ Metals (tot. $t$ dis Time pH Conductivity Turbidity DO Temperature ORP DTW Rate Volume (liters) (hrs) (pH units) (mS/cm) (ntu) (mg/L) (°C) (mV) (ft bloc) (Lpm) (liters) 2.5 $0.3$ $2.5$ $0.3$ $2.5$ $0.3$ $2.5$			Well Vol	ume				<u> </u>
$\begin{array}{c c} \text{Liquid Depth (ft) (A-B): } & \text{H} & \text{S} & \text{F. Three Well Volumes (gal) (E3): } \\ \hline & \text{Water Quality Parameters} \\ \hline & \text{Water Quality Parameters} \\ \hline & \text{Time} & \text{pH} & \text{Conductivity} & \text{Turbidity} & \text{DO} & \text{Temperature} & \text{ORP} & \text{DTW} & \text{Rate} & \text{Volume} \\ \hline & \text{(hrs)} & (\text{pH units)} & (\text{mS/cm}) & (\text{ntu}) & (\text{mg/L}) & (^{\circ}\text{C}) & (\text{mV}) & (\text{ft btoc}) & (\text{Lpm}) & (\text{liters}) \\ \hline & \text{OMMENTS & OBSERVATIONS:} \\ \hline & Commentation of the second $	1.5					oved:	2.0 4	12]
Time $pH$ ConductivityTurbidity $DO$ Temperature $ORP$ DTWRateVolume (liters)Time $(hrs)$ $pH$ ConductivityTurbidity $DO$ Temperature $ORP$ $DTW$ $Rate$ $Volume$ $(hrs)$ $(pH units)$ $(mS/cm)$ $(ntu)$ $(mg/L)$ $(C)$ $(mV)$ $(ft btoc)$ $(Lpm)$ $(liters)$ $28/0$ $5.63$ $0.468$ $21000$ $0.142$ $15-94$ $-97$ $5.5$ $03$ $2.5$ COMMENTS & OBSERVATIONS:			-	r 7		W2	Hera	
Time (hrs)pH (pH units)Conductivity (mS/cm)Turbidity (ntu)DO (mg/L)Temperature (°C)ORP (mV)DTW (ft btoc)Rate (Lpm)Volume (liters) $28/0$ $5.03$ $0.468$ $21000$ $0.14$ $15-94$ $-97$ $3.5$ $0.3$ $2.5$ OMMENTS & OBSERVATIONS:	- marine septem (21) (2-10); 41.5				Analyses: '	72 Met	als (to	t. + dia)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					ORP	DTW	Rate	Volume
OMMENTS & OBSERVATIONS:			(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
Pair land 1 0 5 ft land 1 0 in that is a		121000	0.16	13-94	-47	5.5	<u> </u>	2.5
Lasing neight = 1.03 +t NIS[MSD C 41-45 bgs interval			10-1-	ath (3)	181 11	··· /		
	choing reight = 1.03	++	MISIM	SD C	41-4	<u>&gt; 695</u>	inteev	Z

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			IN-SITU (	ROUNDWA	TER SAMPLIN	<u>G FORM</u>		~ [\$	DUSELAGIOU	
Boring I.D.:	5B-D2		EA Personnel:				152033	$\overline{)}$		
ILUCATION 17	Z ( II. )		Sample Date:			Weather:	<u>(152033</u> 5 ⁰⁷ <u>clo</u> " ^{(in):} . 5	· · · ·		
Sounding Me	Michele	School Kie	Measurement I	5/2024	<u> </u>		<u>5°, c10</u>	vary		
	U/14		Inteastrement I	nade		Well Diamete	т (m): С . С			
				Sample I	nterval 1					
		<u>v - 3.5 - 7. 5</u>	Sample Time:	1046 Well Vi	aluma	Depth Interva	al of Screen: 3	3-7.	5	
A. Well Depth	(ft): 7.5		D. Well Volum	• (ft): . 0103	biunie	Volume Rem	oved: ·25 gcz			
B. Depth to W	ater (ft): 2 51	þ	E. Well Volume	e (gal) C*D): <b>D, O</b> U	<u> </u>	Pamp Type:	aterro	$\sim \rho v m_{0}$		
C. Liquid Dep	C. Liquid Depth (ft) (A-B): $4.00$			Three Well Volumes (gal) (E3): 0 • 12			Analyses: TAL Metals			
· · · · · · · · · · · · · · · · · · ·		<u></u>	and the second se	Water Quality		neters				
Time	pH	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volume	
ID40	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
LIUYE	6.50	0.195	2000	0.00	19.69	- 50				
Sample ID.	· · · · · · · · · · · · · · · · · · ·		Sample Time;	Sample I	nterval 2	Death Lat	1 -6 6		$- \square$	
Sample 15	<u> </u>		[Sample 11me;	¥47 11 44	-1	Depth Interva	li of Screen;			
A. Well Depth	. (ft):		D. Well Volum	Well Vo	olume	Volume Rem	oved:	/		
B. Depth to Wa			E. Well Volume	()		Pump Type:				
C. Liquid Dep		<u> </u>	F. Three Well V			Analyses:				
		<u> </u>		Water Quality	, 					
Time	pН	Conductivity	Turbidity	DO DO	Temperature	ORP	DTW	Rate	Volume	
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)	
		·		Sample II	nterval 3					
Sample ID:			Sample Time:	<u>\</u>	/	Depth Interva	d of Screen:			
A. Well Depth	(ft).		D. Well Volum	Well Vo	olume	Volume Remo		· · · · ·		
-							Jvea:			
B. Depth to Wa			E. Well Volume	· / ·		Pamp Type:				
C. Liquid Dep	th (ft) (A-B):		F. Three Well V		· •	Analyses:				
				Water Quality	Parameters					
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbiality (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
							(	<u> </u>	(	
		/	<b>{</b>	Sample In	nterval 4	<u> </u>				
Sample ID:		-/	Sample Time:			Depth Interva	l d£ Screen:			
				Well Vo	olume	I	$\overline{}$			
A. Well Depth			D. Well Volume			Volume Remo	oved:	<u> </u>		
B. Depth to Wa	iter (ft);		E. Well Volume	(gal) C*D):		Pump Type:		$\overline{}$		
C. Liquid Dept	h (ft) (A-B);		F. Three Well V	olumes (gal) (E	(3):	Analyses:		$\overline{}$		
				Water Quality	Parameters	L				
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature	ORP (mV)	DTW (ft btos)	Rate	Volume	
(mo)	(Pri units)	լուտյուն	(1111)	(mg/r)	(°C)	(mV)	(ft btoc)	(Lpm)	(litess)	
COMMENTS &	OBSERVATIO	NS:			l	. <u></u>			<u>`</u>	
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						<u> </u>		,		

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Boring I.D.: 16 D	EA Personnel;		TER SAMPLIN				
<u></u>		101, M	B. HU	Client: NYSDEC			-
Location: Schoulball Field	Sample Date:	~	24	Weather: 0	5°F,5	un	
Sounding Method: Heron Skinn Dipper	Measurement	Ref: grown	d surf.	Well Diamete	er (in): Q. 巧	и —	
		Sample I	nterval 1				
Sample ID: 18B-D3-GW-11-15	Sample Time:			Depth Intervi	d of Screen:	11-151	bas
A. Well Depth (ft):	D. Well Volum	Well Vell Vell Vell Vell Vell Vell Vell	olume	Volume Rem		·····	
A. Well Depth (ft): B. Depth to Water (ft): 3,6	E. Well Volum	· ·		Pamp Type:	0.	5 92	
C. Liquid Depth (ft) (A-B): 11.5	F. Three Well V	( Volumes (gal) (I	33):	Analyseet		terz	
			0.451	1	H_ Mets	is (Tot	+ Dis.)
Time pH Conductivity	Turbidity	Water Quality					
(hrs) (pH units) (mS/cm)	(ntu)	DO (mg/L)	Temperature	ORP	DTW	Rate	Volum
114 6-59 0-323	7600	0 89	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
			27.80	1-1		0.25	4.5
Sample ID: 1510-103-GW-21-25	Sample Time:	Sample In		Double To a	1-66		
	L	/0:5 Well Vo		Depth Interva	or Screen:	21-23	bgs
A. Well Depth (ft): 25	D. Well Volum	e (ft);		Volume Remo	wed:	1 00 0	<u> </u>
B. Depth to Water (ft): 3.5	E. Well Volume	(gal) C*D):	7.255	Pump Type:	1120	1 92	<u> </u>
C. Liquid Depth (ft) (A-B): 21.5	F. Three Well V	olumes (gal) (E	3): 0 715	Analyses: 7	Wet	<u>lerz</u>	
		Water Quality		۶, F	the Whetzl	<u>s</u> (Tot.	+ Dis)
Time pH Conductivity	Turbidity	DO DO	Temperature	ORP	DTW	Rate	Volum
$\begin{array}{c c} (hrs) & (pH units) & (mS/cm) \\ \hline 1055 & Q-34 & 6.295 \\ \hline \end{array}$	(ntu) (724	(mg/L)	(°C) 70-11	(mV) 59	(ft btoc)	(Lpm)	(liters)
						0.25	3.5
Sample ID: 14512 1552 Child Dr. 315	G ()	Sample In	iterval 3				
Sample ID: 15B - D3 - GW - 3(-35	oampie trine.	1035 Well Vo	rime	Depth Interval	of Screen;	51-35	bas
A. Well Depth (ff): 35	D. Well Volume		unic	Volume Remo	ved: i	35 -	<u> </u>
	E. Well Volume	(gal) C*D):	<u>م الم الم</u>	Pump Type:		. 25 qz	
C. Liquid Depth (ft) (A-B): 31.5	F Three Well V.	humas (see)) (E)				Herz	
	F. Three Well Vo	Vater Quality		Analyses; TV	IL Me	+2.15 /1	54+Dis
Time pH Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	37-1
(hrs) (pH units) (mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	Volume (liters)
9 1059 4.21 0.417	21000	2.08	19.43	58		0.25	2.56
		ample In	terval 4			<u> </u>	
Sample ID: 15B~D3-GW-41-45	Sample Time: (	vii		Depth Interval	of Screen: 4	41-45'	10015
A. Well Depth (ft):	D 107-11 X7	Well Vol					<u> </u>
	D. Well Volume			Volume Remov	ed: [	5.912	_
	E. Well Volume (			Pump Type:	Write	terz	•
C. Liquid Depth (ft) (A-B): 41.5	F. Three Well Vo	lumes (gal) (E3	1.377	Analyses: TP	L Mict		+ Diss
Time pH Conductivity	Turbidity	Vater Quality I DO	arameters Temperature	ORP	DTW	Dati	
Time pH Conductivity (hrs)/10 (pH units) (mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	Rate (Lpm)	Volume (liters)
11 -10-12 0.368	21000	0.83	18.30	-5	3.5	0-25	1.50
COMMENTS & OBSERVATIONS:							

	®	EA En	gineering, P.C	, and Its Affi	liate EA Scien	ce and Techn	iology 🧹	NEW YORK DI	epartmen
	3		<u>IN-S</u> ITU G	ROUNDWAT	TER SAMPLIN	<u>g form</u>		OPPORTUNITY Er	vironmer onservatio
Boring I.D.:	513-03		EA Personnel:			Client:	52033)		
Location:	UNS Faste	nersite	C. D. C.	<u>nce, n</u>	<u>. 4000</u>	Y 47 .1			
Beach ,	niddle s	School Field	6	15/207	<u> </u>	68°	Faloudy	/	
Sounding Met	NA		Measurement R	rade		Well Diameter	r (in): ) • S		
			<u> </u>	Sample In	nterval 1	<u> </u>			
ample ID:	5-03-GW	-3.5-7.5		1013 Well Vo	· · · · · · · · · · · ·	Depth Interva	l of Screen: 3	1.5-7.	5
Well Depth	(ft): 7.5		D. Well Volume			Volume Remo D. 2	wed: S show		
3. Depth to Wa	^{ater (ft):} 3.5		E. Well Volume			Pump Type:	aterra	pmp	
S.SO.04WaterranC. Liquid Depth (ft) (A-B): 4.00F. Three Well Volumes (gal) (E3): 0.12Analyses: TVAL MEXENTS			7.1						
	1.0	0		Water Quality	Parameters				
Time	pН	Conductivity	Turbidity	DO	Temperature	ORP	DTW	Rate	Volum
(hrs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters)
1013	6:79	0.495	1000+	0.45	20.09	-29			
		<u></u>		Sample II	nterval 2	D. d. Y.	1 - 6 6		
ample ID:			Sample Time:	Well Vo	Juma	Depth Interva	1 of Screen:		
A. Well Depth	(ft):		D, Well Volum			Volume Remo	wed:		
3. Depth to Wa	ater (ft):	·	E. Well Volume (gal) C*D);			Pump Type:			
. Liquid Dept	th (ft) (A-B):		F. Three Well V	'olumes (gal) (I	33):	Analyses:		/	
				Water Quality	Parameters	·			
Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volun (liters
			<u> </u>		<u> </u>		ļ		
1.175			Sample Time:	Sample II	nterval 3	Depth Interva	1 - 6 6		
Sample ID:	<i></i>		Sample Time:	¥17 17 ¥7		Deptil Interva	i bi ocieen.		
A. Well Depth	(ft):		D, Well Volum	Well Vo		Volume Remo	wed:		
B. Depth to Wa	• /		E. Well Volume		/	Ритр Туре:			
C. Liquid Dept			F. Three Well V	<u> </u>	· · · · · · · · · · · · · · · · · · ·				
., Liquia Depi	tn (н) (А-b);					Analyses:		н.,	
Time	pH	Conductivity	Turbidity	Water Quality DO	Rarameters Temperature	ORP	DTW	Rate	Volun
(hrs)	pri (pH units)	(mS/cm)	(nter)	(mg/L)	(S)	(mV)	(ft btoc)	(Lpm)	(liters
-		/		Sample In	nterval 4	$\overline{}$			
ample ID:			Sample Time:			Depth Interva	l of Screen:		
<u>.</u>			·	Well Vo	olume		~		····.
A. Well Depth			D, Well Volumo	••		Volume Remo	oved:		
3. Depth to Wa			E. Well Volume	: (gal) C*D);		Ραπιρ Τγρε:			
C. Liquid Depl	th (ft) (A-B):		F. Three Well V			Analyses:		~	
Time	pН	Conductivity	Turbidity	Water Quality DO	Parameters Temperature	ORP	DTW	Rate	Volun
(firs)	(pH units)	(mS/cm)	(ntu)	(mg/L)	(°C)	(mV)	(ft btoc)	(Lpm)	(liters
								ĺ	
COMMENTS 8	& OBSERVATIO	DNS:							

32 CHICHESTER AVE. PO BOX 372 CENTER	MORICHES, NY 11934	(631) 874-211	2 FAX (631) 874-454
	DAILY JOB REP	ORT	and the
muna. even f. f.		1) MALLEO BORING	10 40
DATE <u>394 5/10/20</u>	Marchang		·
CUSTOMER <u>Children</u>	<u>alanna (</u>		······································
BILLING ADDRESS	<u> </u>	/	
	STORE TO A		1.4.01 <u>( 15.1()</u>
JOB DESCRIPTION		• 4	nies as
- part - 1133/24 - 12/11	increa Maco	P 31 5	
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1) the state or tender	Man 1 1001 date		<u>S - 100 (1 ( 50))</u>
1 Darmanns	<b>1</b>		<u>)</u> (() 2 }
1 Darward	TOTAL	PERSONNEL	TOTAL
EQUIPMENT NO DA TAI PERSONNEL	TOTAL HOURS		
EQUIPMENT NED TO PERSONNEL	TOTAL HOURS		TOTAL
EQUIPMENT NO DA TAI PERSONNEL	TOTAL HOURS		TOTAL
EQUIPMENT NED TO PERSONNEL	TOTAL HOURS		TOTAL
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EQUIPMENT NED TO PERSONNEL	TOTAL HOURS		TOTAL
EQUIPMENT NED TO PERSONNEL	TOTAL HOURS		TOTAL
EQUIPMENT Margan Tal	TOTAL HOURS	PERSONNEL	TOTAL HOURS
EQUIPMENT	TOTAL HOURS	PERSONNEL	TOTAL HOURS
EQUIPMENT	TOTAL HOURS	PERSONNEL	TOTAL HOURS
EQUIPMENT	TOTAL HOURS	PERSONNEL	TOTAL HOURS

## LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.



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32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

DAILY JOB REPORT

(631) 874-2112 FAX (631) 874-4547 BACKFILLEAS DIRECTED BY PM ON SITE

DATE 5/7/24 Tuesday	
CUSTOMER EHEngingering	
BILLING ADDRESS Syracuse My	
LOCATION OF WORK 2005 Fastener CU (152033)	,425 Union Bluel, W Iship My
JOB DESCRIPTION Soil bring + Cyronolucater Jam	olony Sauces as
par 1/20104 bind project MILLOSIST	· · · · · ·
MATERIALS (1) Michael Creas	(6) Mats each
( -) (have been be (herebelt alandenment)	
( ) · · · · · · · · · · · · · · · ·	2) MACRO BORING TO 40
( man ) togy ( to te m	2) MARC BORING TO 40 DUCKING PROFILE BORING
(2) Wijssand -	
EQUIPMENT ALGBOX TOADS ALGTRUCK	
NL	

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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Kaleburney			
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TOTAL MEN ON JOB	·
DAILY OPERATIONS COMMENCED	OPERATIONS CONCLUDED
TIME ON SITE	TIME OFF SITE $\{1430}$
NO. OF DISPOSAL LOADS	·
SUBSISTENCE	·
APPROVED_SILB	

CUSTOMER REPRESENTATIVE

32 CHICHESTER AVE. PO BOX 372 CENTER MORICH	
·	DAILY JOB REPORT AS DIRECTED BY CONSULTANT
DATE 515/24 Wednesda SUSTOMEREMEnginee	a marine Decker & pinte of 11ct
	<u>er (c(150033) 405 Vounther wilsty</u> A Around Neter Scaupling Burgences
is per lastan bid	project Allows 15
ATERIALS ( Director bid) TATERIALS ( Director bid) Therefore abond comment	(G)Mats each
ATERIALS ( Diddos a Gray)	(G)Mats each

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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K McGurty			, Territoria
			]

TOTAL MEN ON JOB	2mmm
DAILY OPERATIONS COMMENCED	OPERATIONS CONCLUDED
TIME ON SITE	TIME OFF SITE
NO. OF DISPOSAL LOADS	
SUBSISTENCE	3
	) 

32 CHICHESTER AVE. PO BOX 372 CENTER	MORICHES, NY 11934		2 FAX (631) 874-4547
	DAILY JOB REF	ORT <u>- RE</u> DIRECTOR BY C ON SITE	Sover Pet
DATE 5 9 24 Thurs	dang		
CUSTOMER	<u>Maring</u>		
BILLING ADDRESS	. ,		
OCATION OF WORK	•••		
OB DESCRIPTION Set Exercise			<u> 446                                  </u>
<u> 193124 Mia</u>	- A Chect INI	. (.)515	-
MATERIALS (1) Product ()		/// NAL des	
MATERIALS CI JIYOLO ILY	II KI S	<u>6) Mars</u>	Pach
Marchell, Allerande			
<b>A</b>	Markin placed	2) maczo B	ande To 110
<u> </u>	ment part 4		ents To 10 Of ile Rocince
<b>`</b>	<u>n new nipleid</u>		Refile Roting
-) bystaten -) bystaten -) bystaten	MGT MULT	I) VERTICAL P	Refile Roting
-) Drums -) Ligs Paten -) Ligs Paten	r ***	I) VERTICAL P	Refile Roting
-) Drums -) Ligs Paten -) Ligs Paten	r ***	I) VERTICAL P	Refile Roting
-) Drums -) Ligs Paten -) Ligs Paten	r ***	I) VERTICAL P	Refile Roting
QUIPMENT AIG PARA 78	MIST MULLIN ML ML ML	DURATICAL PA To 45	Cofile Bolinic
PERSONNEL	MIST MULLIN ML ML ML	DURATICAL PA To 45	Cofile Bolinic
PERSONNEL	MIST MULLIN ML ML ML	DURATICAL PA To 45	Cofile Bolinic
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PERSONNEL	MIST MULLIN ML ML ML	DURATICAL PA To 45	Cofile Bolinic
PERSONNEL	MIST MULLIN ML ML ML	DURATICAL PA To 45	Cofile Bolinic
PERSONNEL C. Pedersen	TOTAL HOURS	Derical P To 45 O	TOTAL HOURS
PERSONNEL	TOTAL HOURS	Derived Provider Provider Provider Provider Provider Providence Pr	TOTAL HOURS
PERSONNEL  PERSONNEL  DTAL MEN ON JOB AILY OPERATIONS COMMENCED	TOTAL HOURS	DPERATIONS CONCLUDED	TOTAL HOURS
PERSONNEL	TOTAL HOURS	PERSONNEL  PERSONNEL  DPERATIONS CONCLUDED  IME OFF SITE	TOTAL HOURS

N.3'	1	
CUSTOM	er reřre	SENTATIVE

## LINCOLN 5 Harry McCoanick Boit of LAND, AIR, WATER FA ON site LAND, AIR, WATER FA ONSTR ENVIRONMENTAL SERVICES, INC.

32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

(631) 874-2112 FAX (631) 874-4547

1SA-

DAILY JOB REPORT

DATE <u>Stister Flittan</u> 5/14/24 Tuesday CUSTOMER <u>Engineering</u>
BILLING ADDRESS
LOCATION OF WORK I VELAS MERSION RU(19 2033) 104 United Block Links
JOB DESCRIPTION and having intermedication Schubberry Services and provide Upston Wich - Project & 1662505
MATERIALS (1) Picher Cray (0) pin Sand
() Mark Pach
Olla intermediantiant perty
(1) $(1)$
1) best platen
EQUIPMENT ALS BUX 781101 Alatruck

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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JNeubaus'		() where sharply 410500	+ 1
	85	11) 413 Sol Darah M	
		ON CONTRACTOR OF STR	
TOTAL MEN ON JOB	Dim	1) de la lidra mo	Sa yala
DAILY OPERATIONS COMMENCED		OPERATIONS CONCLUDED	·
TIME ON SITE $_0769$		TIME OFF SITE	
NO. OF DISPOSAL LOADS $\underline{\lambda}$			
APPROVED			
CUSTOMED REPRESE	NITATINE		

## RAINAHDAY LACON EASIER LAND, AIR, WATER **ENVIRONMENTAL SERVICES, INC.**

32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

(631) 874-2112 FAX (631) 874-4547

## DAILY JOB REPORT

DATE 5115 24 Wednesday	
CUSTOMER Construction	
LOCATION OF WORK Frence (a ( 15 1)	3) 425 une but he step "
JOB DESCRIPTION Sand Connect	weeter Sampley mercures
the provide the project	A 166315
MATERIALS 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(O) Wy& Sand
Dense Gen	(O) Mys Sand (O) Mals Park
O have to iste more meaned per 14	
2) Drum	
Disparan 3	
EQUIPMENT NI POR 78/1151 NOR	<u>,X</u>

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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JASPARhaus		A-4	
		(1) to marin Sound	
	-	Mill34 and	
*		A) 40 mary Some C	1
		il see water con stor	117
TOTAL MEN ON JOB	2 vn	-h	
DAILY OPERATIONS COMMENCED	13	OPERATIONS CONCLUDED	
TIME ON SITE 700		TIME OFF SITE	
NO. OF DISPOSAL LOADS $X$			
	ATIVE		



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ND, AIR, WATE VIRONMENTAL CHESTER AVE. PO BOX 372 CENTER	SERVICES, IN	(631) 874-2112 FA	X (631) 874-4547
	DAILY JOB REPORT	Hart costs	A H DAY
5 ILG 34 The OMER <u>ENERGE</u> NG ADDRESS <u>Syracus</u> TION OF WORK <u>DELATE</u> DESCRIPTION <u>Set Lotion</u>	Juneaning So NY Ostena (C(15)C g & Concunducter 1/2	ampliny morces	vai W. Isla a.s.
ERIALS (1) Prober 2) Isrebule abarro		(O)Ma	15 90Ch
-Shashakn_			
D bgs Halon D) bgn Sand IIPMENT N 18 Box		X.	. 6065
D bgs Halon D) bgn Sand IIPMENT N 18 Box	78HIST WLOTYUC 3 LAWS - EA-D TOTAL HOURS	Nersonnel	CaGS TOTAL HOURS
D bys Halon D by Sand IIPMENT N & Box NO LOGS ACCOMP From	$\frac{1}{1} \frac{1}{1} \frac{1}$	PERSONNEL SET WATER SANGI 10 Som Davie de 17-	HOURS
Dugs Halon Dugs Halon DUGS Dand NO LOGS DOOM GRA PERSONNEL	TOTAL HOURS	PERSONNEL	HOURS

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Container 60'

# LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.



32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

(631) 874-2112 FAX (631) 874-4547

#### DAILY JOB REPORT

DATE	Malay Tuday
CUSTOMER _	EA Empireering
	RESS Byrnausa My WORK Drus tastener (c(190033) 400 Upun Bud wilslep M
LOCATION OF	TION Beattring Currenter and my Survey as
	1133124 bie project MILCOSIST
¥ 	CINA Rolch
MATERIALS ONCA	(DRigitaria (O) Maria
	chile Dianchenmand qualit
1100	uns
i,	Missing Milling Milling
EQUIPMENT	

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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1 Neutrais		1140 Soulloen C-MBr	
		1 Sur of millinghinghing	
		Noral marte Samal	

O me	
TOTAL MEN ON JOB O IT C	OPERATIONS CONCLUDED
TIME ON SITE 0700	TIME OFF SITE
NO. OF DISPOSAL LOADS	
SUBSISTENCE	

LAND, AIR, V		
	NTAL SERVICES, IN 72 CENTER MORICHES, NY 11934	(631) 874-2112 FAX (631) 874-4547
	DAILY JOB REPORT	2) MACRO BORINGS To 40'
ATE5136 ( )4	Minday	2) MACRO BORINGS TO 40' SVIERTICAL SAMPLE BURNES
	Engineening	
	radicsu NYU	
<b>3</b>		) (DS Union Blue to Island
	Lerup & Greanward Forman	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··
	and - proper Alleosis	)
ATERIALS ( ) SPICE		(mini best Sand
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1) bus Parken	\	
	A K West	

PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
Siddison			
Discubrus			
		998 to	

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TOTAL MEN ON JOB	JEKZ
DAILY OPERATIONS COMMENCED	OPERATIONS CONCLUDED
TIME ON SITE のんうつ	TIME OFF SITE
NO. OF DISPOSAL LOADS	
SUBSISTENCE	
APPROVED A-CUSTOMER REPRESENTATIVE	

32 CHICHESTER AVE. PO BOX 372 CENTER	R MORICHES, NY 11934	(631) 874-21	2 FAX (631) 874-454
• •	DAILY JOB REP	2/ Mindels 1	Bopints To
DATE 5/21/04 TI	usday	)VOPTICAL F	Porte to t
CUSTOMER EL ENG	ineed in the		
BILLING ADDRESS	NO NOP		· · · · · · · · · · · · · · · · · · ·
LOCATION OF WORK	stenne Co (150.	U33) 425 Uning	Let Marsh
JOB DESCRIPTION	Threader	ter Schupling So	ALLES a
123104 bick	Dreyant & 161	.3575	
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- Digs Same		999 Maria M. (Maria Saraharan)	
1 NUSS Patch			
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	NO BON	• • • • • • • • • • • • • • • • • • • •	
	ALO BOX N/L	- -	
	A LO BOA A/L TOTAL HOURS	PERSONNEL	TOTAL HOURS
EQUIPMENT	TOTAL	PERSONNEL	_
PERSONNEL	TOTAL	PERSONNEL	_
PERSONNEL	TOTAL	PERSONNEL	_
PERSONNEL	TOTAL	PERSONNEL	
PERSONNEL	TOTAL	PERSONNEL	
PERSONNEL	TOTAL	PERSONNEL	
EQUIPMENT PERSONNEL			
EQUIPMENT PERSONNEL PERSONNEL TOTAL MEN ON JOB	TOTAL HOURS		HOURS
EQUIPMENT	TOTAL HOURS	OPERATIONS CONCLUDED	HOURS
EQUIPMENT PERSONNEL PERSONNEL SPECIALSON TOTAL MEN ON JOB	TOTAL HOURS		HOURS

<b>ENVIRONMENTAL</b> 32 CHICHESTER AVE. PO BOX 372 CENTER			
SZ GINGALSTER AVE, PO BOX 372 CENTER	( MORICHES, NY 11934	) MACLO H	12 FAX (631) 874-4547 2 RINGS To 4
	DAILY JOB REPO	DRT ))1/25-CA	PRFILE To 4
DATE 5+9+++++++++++++++++++++++++++++++++++	Sec. 5/22/	24 Wednesday	
CUSTOMER EN ENGINE	<i>/</i> *1	5	
BILLING ADDRESS	<b>V</b>		· ·
LOCATION OF WORK	Stense Colles	1033) 425 Union	BIVEL W. 1Sh
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Der 1123/24 Vurter		,	
per lipslou had	Acyect Alleros	,	
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MATERIALS ( / ) Manual Cres	Ligen Aller 35	,	20 C IX
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MATERIALS (/) Melie a Cre (	Ligen Aller 35	15	UCIX
MATERIALS (1) Melson (re) 	Ligen Aller 35	15	oci.
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MATERIALS (1) Mehand (10) 	Ligen Aller 35	15	
MATERIALS (1) Melson (re) 	ment parts	15	
MATERIALS (1) Achers (re) -) Incornela Charactery (1-1) Esperimente 1) Esperimente -) Espe	need perfit	15	TOTAL
MATERIALS (1) Haber (10) MATERIALS	Men parts	15 1 Hadase	
MATERIALS (1) Medica (ne 	need perfit	15 1 Hadase	TOTAL

TOTAL MEN ON JOB		<u></u>	<u>men</u>	
DAILY OPERATIONS	COMMENCED	0530	OPERATIONS C	ONCLUDED
TIME ON SITE	0630		TIME OFF SITE	<u>/53</u> 0
NO. OF DISPOSAL L	OADS			·····
		<u>. Λ</u>		the second s
	CUSTOMER F			

#772	
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# LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.

32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

(631) 874-2112 FAX (631) 874-4547

, ,	DAILY JOB REPORT	2) pMRRO TO 40	١
DATES/34/34 Friday		2) MARRO TO 40 S VERTICAL PROFILE	276 45
CUSTOMER <u>EAENGRAT</u>	194		
CUSTOMER <u>EAERAL</u> BILLING ADDRESS <u>Syracticsa</u>	ONY		
LOCATION OF WORK DZULA Fast	ener Col152033	) 425 Unice Blue W.1	BLORY
JOB DESCRIPTION Seit hering 1	Coround water Sam	pleng Services as	
JOB DESCRIPTION Seit hering 1 per 123/24 bid. projec	1 41112515	0	<u></u>
MATERIALS (1) Nuche . Crew		( - Des Sand	**·*
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- marchile abandenment	oeitt-		
Thecom	3		<u> </u>
(-) bus Palen			<b>1974 )</b>
EQUIPMENT ALS Rey ALOBE	<u>`</u> }		
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PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
Spederson			
J Realmus			

TOTAL MEN ON JOB	7
DAILY OPERATIONS COMMENCED	OPERATIONS CONCLUDED
TIME ON SITE	TIME OFF SITE
NO. OF DISPOSAL LOADS	
SUBSISTENCEA	
APPROVED And CUSTOMER REPRESENTATIVE	



# LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.

32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934

(631) 874-2112 FAX (631) 874-4547

DAILY JOB REPORT
DATE 6/4/24 Therefore
DATE <u>CH424</u> Thesicay CUSTOMER <u>EN Engineering</u>
BILLING ADDRESS AND
LOCATION OF WORK DEW Fastener Colliszo33) 435 Union Blood Wilslips
JOB DESCRIPTION Scilberry & Grandwater Sumpting Survices
as per 123/24 bid - project & 1602515
MATERIALS (1) Prebe & Corre
- Warehold alandonnent per 14 (- Mals each
O) Trums
-> bysikith
-> by Sand
EQUIPMENT ALGER Male

PERSONNEL	TOTAL HOURS	PERSONNEL TOT HOU	
Khichauty		2-40 MARA Sol DelaG	
JASeuhaus		CB-BC 5 PT	
		2 SEIS of marin 10-12 B-6 B-7	2/0
		B-6 B-7	
		2 7-11 warsistanples	
		B-5 B-4	
TOTAL MEN ON JOB	<u> </u>	RN	
DAILY OPERATIONS COMMENCED		OPERATIONS CONCLUDED	
TIME ON SITE $0.7ac$		TIME OFF SITE	
NO. OF DISPOSAL LOADS	www.gound.com		

SUBSISTENCE

APPROVED _

CUSTOMER REPRESENTATIVE

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AND, AIR, WATE		Young	
NVIRONMENTAL	SERVICE	S, INC.	
CHICHESTER AVE. PO BOX 372 CENTER	MORICHES, NY 11934	(631) 874-2	2112 FAX (631) 874-454
	DAILY JOB	REPORT	
TE 6/5/24 Wedne			
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CATION OF WORK Drus Fa	Stener Cull	5.20.33) 425 Unica B	We w Istyp A
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PERSONNEL	TOTAL HOURS	PERSONNEL	TOTAL HOURS
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Neuhaus		D-1 D-2 D	
		R-1 R-2 B	
	and Andread Sector and Andread Sector and Andread Sector Andread Se	na secondaria de la construcción de	

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TIME ON SITE	0630	•

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NO. OF DISPOSAL LOADS X

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CUSTOMER REPRESENTATIVE



## SITE ENTRY AND EXIT LOG

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Project/Site: DZUS Fastener

Project No.: 1002515

Data			Tir	ne
Date 5/6	Name	Representing	In	Out
5/6	Lincoln Backman-Lin	EA	6:50	
┣──┼──	Hildry Williams	EA	6:50	11:30
├──	Matt Boyle	EA	6:50	11:30
<u>├</u> {	Kevin McGourty	E LAWES	6:50	10:40
	Scott Rederson	LAWES	6,50	
5/7-	Lincoln Backman-Lowe	EA	6:20	
	Hilary Williams	ĔA	6:20	
	Mait Boyle	<u>EA</u>	6:20	
	Kerlin McGounty	LAWES	6:20	
	Mait Boyle Kevin Mc County Scott Pederson	LAWES	6:20	
5/8	Lincoln Backman-/	owe EA	0615	
	Matt Boyle	IEA	6:15	
	Scott Rederson	LAWES	6:15	15:00
-lat	Kevin Mc Gourty	LAWES		5:00
5/97	Uniola Backman-Low	e EA		14:30
	Matt Boyle	EA		14:30
	Scott Pederson	CAWES		14.30
-110	Carl Pederson	LAWES		14:30
5/10	Uncoln Berchman-Larr	<u> </u>		14:00
	M2H Boyle	EA		14:00
·	Scott Pederson	LAWES		14:00
	Carl Rederson	LAWES		14:00



#### SITE ENTRY AND EXIT LOG

Project/Site: DZUS Fastener Co., Inc.

Project No.: 16025-15-00-CP

		· · · ·	Tir	ne
Date	Name	Representing	In	Out
5/14/24	Lincoln Backman-L	owe EA	0650	1630
	Henry McCormick	EA	0650	
	Kevin McCourty		0650	
	SASON NEWLOWS	LAWES	0650	
5/15/24	Lincoln Bzckmznl		0630	1640
	Henry McCormick	EA	0630	
	Kevin McConuty		0700	1640
/ ·	TESON Neuhzus		0700	1640
5/16/24	Lincoln Bzckmzn-L	ave EA	0700	
	Henry McConnick	2 EA	0700	
	Kevin McCourty	LAWES	0700	1430
	Jason Neuhaus	LAWES	0700	1430
5/17/24	Lincoln Bzckmzn-	love EA	0640	
	Henry McCormich	<u> </u>	0640	
	Kevin McCourty	LAWES	0640	
	JESON Neuhzus	CAWES	0640	
5/20/24	Lincola Bzckuzn-Lo	me EA	0630	4030
	Cassie Derricke Scutt Rederson	- F.A	0630	1630
	Scott Rederson	LAWES	0640	1630
	Jagon Neuhaus		0640	1630
5/21/24	Lincoln Backman-Lon	EA EA	0630	1545
	Cassie Derrich	EA	0630	1545
	Scott Redenson	LAWES	0640	
	J250n Neuhzus	LAWES	0640	1545
5/22/24	Lincoh Beckniza lon	e EA	0630	1535
	Cassie Derrich	<u>EA</u>	0630	1535
	Scott Pederson	LAWES	0630	1535
	Jason Neuhzus	LAWES	0630	1535
5/23/24	Lincoln Beckmand	me EA	0630	1630
	C25sie Dervich	EA	0630	1630
	Scott Pederson	LAWES	0645	1630
	Jason Neuhaus	LAWES	0645	1630
5/24/24	Cincoln Bachman-low	re EA	0630	1430
	Cassie Derrick	E4	0630	1430
└──	Scott Pederson	CAWES	0630	(430
	Jason Neuhaus	LAWES	0630	1430



#### SITE ENTRY AND EXIT LOG

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## Project/Site: Dzus Fastencis

Project No.: 152033

			Tin	ne
Date	Name	Representing	In	Out
5-4.24	KEVIN M Gourty JASON NEVLONS	LA-55	7	1545
6-4-24	Jason Nerhous	LAWES	7	1545
6-4-24	HaleuJonna	EA	1	1615
6-4-22	Cassile Demiciz	EA	7	1615
6-5-24	Kevin M'Gourty	LANGES	0630	
6-5-24	Jason Neuhous	LAWES		(300
6-5-24	Jason Neuhaus Haley Young Cassie Dernich	EA	0630	1300
6-5-24	Cassie Dernu	EIA	0630	(300
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	CHAIN	-OF-CU	STODY A	Analyti	cal Requ	lest Do	cumei	nt	LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here										
Pace Analytical "	Chain	of Custod	y is a LEGAL [		T Complet		at fields												
 Company: NYDEC_EA Engineering, S			Billing Infor		i - complet	e all l'eleve	it fields								DEAC	ara f	or I /		
Address: 333 W. Washington St, ST			Accounts Pa						ALL SHADED AREAS are for LAB USE ONLY										
Audress. 555 W. Washington St, St	E 500, Syracuse,	INT									Containe	er Preserva	ative	Type **	•		Lab Pr	roject Manager:	
Report To:			Email To:								- (1)				(0)				
nwilliams@eaest.com			NorthEastA															sodium hydroxide, (5) zinc ace bic acid, (B) ammonium sulfat	
Сору То:			Site Collecti Dzus Fasten						1		m hydroxide, (							_ _	с,
Customer Project Name/Number:			State: C			e Zone Colle	octed		-			Analyse	es					rofile/Line:	
DW Dzus Fastener Co. Inc. / 16025	-15-00-CP		1	West Isli		]PT [ ]M1		[ ]ET		-								Sample Receipt Checkl ody Seals Present/Int	
Phone: 716-364-7282	Site/Facility ID #	#:	<u>.</u>			e Monitorii			1	Ve(							Custo	ody Signatures Presen	t YNNA
mail:	Dzus Fastener /	1602515			[] Yes	[ ]No			a	sol								ector Signature Prese les Intact	nt YNNA YNNA
Collected By (print):	Purchase Order	# : PO 312	24		DW PWS I	D #:			Total	Dissolved							Corre	ect Bottles	y n na Y n na
	Quote #:				DW Locati				<u>[</u>	Hg) [								icient Volume les Received on Ice	Y N NA Y N NA
ollected By (signature):	Turnaround Dat				1	ly Packed o	n Ice:		Hg)	ĭ							-	les Received on ice - Headspace Acceptabl	
	Standard 10-Da	iy TAT / CA	T B / Level IV	/		[ ] No			(incl.	(incl.							USDA	Regulated Soils	Y N NA
ample Disposal: ] Dispose as appropriate [] Return	Rush:	Same Davi		21		ed (if appli	able):		) (ir	i							~	les in Holding Time dual Chlorine Present	YNNA YNNA
] Archive:	[]2 Day [		[]Next D	-	[X] Yes	[ ] No			6010	6010							Cl St	trips:	
] Hold:	1		arges Apply)	, 5 Duy	Analysis: D	iss.Metals	6010)		00	00								Le pH Acceptable trips:	Y N N.
Matrix Codes (Insert in Matrix bo				Water (GV	V). Wastewa	ater (WW).	,		als	als							Sulfi	ide Present	Y N NA
Product (P), Soil/Solid (SL), Oil (OL	, ,			•					Metals	Metals							Lead	Acetate Strips:	
		Comp /	Collecte				Res	# of	23 N	23 N								JSE ONLY:	
Customer Sample ID	Matrix *	Grab	Composit	•	Compo	site End	CI	Ctns									Lab S	Sample # / Comments:	
			Date	Time	Date	Time	1		TAL	TAL									
SB-D1-GW-11-15	GW	G	8-May	14:15				2	X	X									
SB-D1-GW-21-25	GW	G	8-May	13:55				2	X	X									
SB-D1-GW-31-35	GW	G	8-May	13:40				2	X	X									
SB-D1-GW-41-45	GW	G	8-May	13:30				2	X	X									
SB-D1-GW-41-45	-	G	· · · ·	10:25						X									
	GW		8-May					2	X	<u> </u>			+			-			
SB-D2-GW-21-25	GW	G	8-May	9:55				2	X	X						-			
SB-D2-GW-31-35	GW	G	8-May	9:30			ļ	2	X	X									
SB-D2-GW-41-45	GW	G	8-May	8:10				6	X	X									
SB-D3-GW-11-15	GW	G	7-May	11:13				2	X	X									
SB-D3-GW-21-25	GW	G	7-May	10:55				2	X	X									
Customer Remarks / Special Condit		azards:	Type of Ice		Wet	Blue [	Dry N	lone		<u> </u>	RT HOLDS P	RESENT (<	:72 h	ours) :	Y N	N/A		LAB Sample Temperature I	
Additional volume include	d with same	le ISB-	Packing Ma								Tracking #:			,				<pre>Image Temp Blank Received: Image ID#:</pre>	Y N
D2-GW-41-45, to be used	•																C	Cooler 1 Temp Upon Re	
analysis.		_	Do dol:	man la (-)			V N	N1 A		Sam	ples receive							Cooler 1 Therm Corr. Cooler 1 Corrected Te	
			Radchem sa	imple(s) sc	reenea (<50	o cpm):	Y N	NA		FE	EDEX UF	PS Clier	nt (	Courier	Pace Co	ourier		Comments:	emp:
Relinquished by/Company: (Signatu	ure)	Date	/Time:		Received by	/Company	: (Signatu	ure)			Date/Time:				JL LAB US	SE ONLY	Y		
														Table #					
Relinquished by/Company: (Signatu	ure)	Date	e/Time:		Received by	//Company	: (Signatu	ure)			Date/Time:			Acctnu				Trip Blank Received	
														Templa				HCL MeOH TS	P Other
Delinguished by/Company (Circuit			/Time o		Dessived	1Com	(Cian-1				Data /Time			Prelogi	n:		-	Non Conformer (a)	Dogo: 1
Relinquished by/Company: (Signatu	ure)	Date	e/Time:		Received by	//Company	: (Signati	ure)			Date/Time:			PM: PB:					Page: 1 of: 2
														r D.					JI. Z

CHAIN-OF-CUSTODY Analytical Request Document									LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here											
Pace Analytical®	Chain-r	of-Custody			NT - Comple	to all rolove	ant fields													
Company: NYDEC EA Engineering, S			Billing Info		iii - comple	te all releve						Δ1	і сц		ם א ר	EVC	ara f	or LAB USE ONLY		
Address: 333 W. Washington St, ST			Accounts I																	
Address. 555 W. Washington St, 511	L 500, Syracuse,										Cor	ntainer Pr	eservat	ive Typ	e **		_	Lab Project Manager:		
Report To:			Email To:						** Dro				acid (2)	oulfuri o	a aid /2	) budrou	blariaa	sid (4) sadium hudravida (5) sins a	atata	
hwilliams@eaest.com			NorthEast Site Collec															cid, (4) sodium hydroxide, (5) zinc a A) ascorbic acid, (B) ammonium sulf		
Сору То:			1		Union Blvd				(C) am	moniu	m hydro	xide, (D) TS	SP, (U) U	npreser	ved, (O	Other			-	
Customer Project Name/Number:				County/Ci		ne Zone Co	llected:					A	nalyses					Lab Profile/Line:		
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP		NY /	West Is	,	]PT [ ]N		Г[]ET		9								Lab Sample Receipt Check Custody Seals Present/In		
Phone: 716-364-7282	Site/Facility ID #	<b>#:</b>			Compliand	e Monitori	ng?		1	Dissolved								Custody Signatures Prese	nt YNNA	
Email:	Dzus Fastener /	1602515			[] Yes	[ ] No			<u>a</u>									Collector Signature Pres Bottles Intact	ent YNNA YNNA	
Collected By (print):	Purchase Order	# : PO 312	24		DW PWS I				Total	Dis								Correct Bottles	Y N NA	
Collected By (signature)	Quote #: Turnaround Da	to Doguin-	d.		DW Locati				Hg)	Hg)								Sufficient Volume Samples Received on Ice	Y N NA Y N NA	
Collected By (signature):	Standard 10-Da	•		IV	[] Yes	ely Packed o [ ] No	on ice:											VOA - Headspace Acceptab	le YNNA	
Sample Disposal:	Rush:	,, cr				ed (if appli	cable):		(incl.	(incl.								USDA Regulated Soils Samples in Holding Time	Y N NA Y N NA	
] Dispose as appropriate [] Return	1	Same Day	[] Next	Day	[X] Yes	[ ] No	,		) 0	0								Residual Chlorine Preser Cl Strips:	t YNNA	
] Archive:	[ ] 2 Day [								6010	6010								Sample pH Acceptable	Y N NA	
			arges Apply)			oiss.Metals	. ,											pH Strips: Sulfide Present	Y N NA	
* Matrix Codes (Insert in Matrix box Product (P), Soil/Solid (SL), Oil (OL)							),		Metals	Metals								Lead Acetate Strips:		
Customer Sample ID	Matrix *	Comp / Grab	Collect Compos Date	•	Compo Date	osite End	Res Cl	# of Ctns	TAL 23	TAL 23								LAB USE ONLY: Lab Sample # / Comments:		
ISB-D3-GW-31-35	GW	G	7-May	10:35	 			2	X	X										
ISB-D3-GW-41-45	GW	G	7-May	10:11				2	X	X										
ISB-B3-GW-11-15	GW	G	9-May					2	X	X										
ISB-B3-GW-21-25	GW	G	9-May		1	1		2	X	X										
ISB-B3-GW-31-35	GW	G	9-May		1	1		2	X	X										
ISB-B3-GW-41-45	GW	G	9-May		1	1		2	X	Х										
ISB-GW-FD-01-05092024	GW	G	7-May		1			2	X	X										
Equipment Blank - 1	GW	G	8-May	7:20	)	1		1	X											
Equipment Blank - 2	GW	G	9-May	-	1			1	X											
Equipment Blank - 3	GW	G	9-May				1	1	X											
Customer Remarks / Special Condi	itions / Possible	Hazards:	Type of Ice	e Used:	Wet	Blue	Dry	None		SHC		LDS PRESE	ENT (<7	2 hour	s): Y	' N	N/A	LAB Sample Temperature		
			Packing M	aterial Use	ed:					Lab	Trackin	ıg #:						Temp Blank Received: Therm ID#:		
				sample(s)	screened (<	500 cpm):	Y N	I NA			nples re EDEX	ceived via UPS		Cou	rier F	Pace Co	urier	Cooler 1 Temp Upon Receipt:OC Cooler 1 Therm Corr. Factor:OC Cooler 1 Corrected Temp:OC		
elinquished by/Company: (Signature)			e/Time:		Received b	y/Company	r: (Signatu	ure)			Date/T				MTJL			Comments:		
Relinquished hy/Company: (Signatu	linguished by/Component/Signature)				Received b	VCompany	v (Signati	uro)			Dato/T	ime:		_	ble #:			Trip Plank Possivo		
Keiniquished by/company: (Signatu	elinquished by/Company: (Signature) Date,			te/Time: Received by/Company: (Signature)					Date/Time: Acctnue Templa Prelogi					Te	mplate			Trip Blank Receive HCL MeOH T		
Relinquished by/Company: (Signatu	linquished by/Company: (Signature)				Received b	y/Company	r: (Signatu	ıre)			Date/T	ïme:		PN PB				Non Conformance(s): YES / NO	Page: 2 of: 2	

Pace Analytical®				-							LAB US	SE ONI	LY- Affi>	Worko	-	-		e or Lis er Here	t Pace Workorder Number or	
/ Company: NYDEC_EA Engineering, S			dy is a LEGAL DO Billing Informati		complete a	II relevent	TIEIDS										are f	or I A		
Address: 333 W. Washington St, ST			Accounts Payabl								B USE ONLY									
Audress. 555 W. Washington St, Sh	e 500, syracuse,	INT									Con	tainer	Preserv	ative Ty	pe **		_	Lab Pro	oject Manager:	
Report To:			Email To:						** Drog			(1) pite	cia a aid (	) culturi	a a aid (2)	hudroo	hlariaa	aid (4) a	adium hudravida (E) sina aastata	
hwilliams@eaest.com			NorthEastAP@E		~														odium hydroxide, (5) zinc acetate, pic acid, (B) ammonium sulfate,	
Сору То:			Site Collection Ir Dzus Fastener /	-					(C) am	moniun	n hydrox	ide, (D)	TSP, (U)	Unprese	rved, (O)	Other _			· · · · · · · · · · · · · · · · · · ·	
Customer Project Name/Number:				y/City:		e Collected	l:		Ĺ				Analys	es	_				ofile/Line:	
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP		NY / We		[ ]PT	]MT [	]CT [ ]E	T		σ		- 1							ample Receipt Checklist: dy Seals Present/Intact Y N NA	
Phone: 716-364-7282	Site/Facility ID				Complianc		ıg?			<u>  4</u>		- 1						Custo	dy Signatures Present Y N NA	
Email:	Dzus Fastener /					[ ] No			Total	Dissolved									ctor Signature Present Y N NA es Intact Y N NA	
Collected By (print):	Purchase Order	# : PO 312	24		DW PWS II				Lo	ä		- 1							ct Bottles Y N NA cient Volume Y N NA	
Collected By (signature):	Quote #: Turnaround Da	te Require	d:		DW Locatio		on Ice.		Hg)	Hg)								Sampl	es Received on Ice Y N NA	
concorca by Gibliara cl.	Standard 10-Da	•			[ x ] Yes	[]No			<u> </u>										Headspace Acceptable Y N NA Regulated Soils Y N NA	
Sample Disposal:	Rush:				Field Filter		cable):		(incl.	(incl.		- 1						Sampl	es in Holding Time Y N NA	
[x] Dispose as appropriate [] Return			[ ] Next Day		[X] Yes	[ ] No			0	<u> </u>								Resid Cl St	ual Chlorine Present Y N NA rips:	
[ ] Archive: [ ] Hold:	1		] 4 Day [ ] 5 I						6010	6010		- 1						Sampl	e pH Acceptable Y N NA	
			arges Apply)		Analysis: D		(6010)			<u> </u>		- 1						pH St Sulfi	rips: de Present Y N NA	
* Matrix Codes (Insert in Matrix box Product (P), Soil/Solid (SL), Oil (OL									Metals	Metals								Lead 2	Acetate Strips:	
Customer Sample ID	Matrix *	Comp / Grab	Collected (or C Start)		Compo	site End	Res Cl	# of Ctns	- 23	23									SE ONLY: ample # / Comments:	
			Date	Time	Date	Time	1		TAL	TAL		- 1								
ISB-B1-GW-11-15	GW	G	5/10/2024	12:30				2	X	X										
ISB-B1-GW-21-25	GW	G	5/10/2024	12:15				2	Х	Х										
ISB-B1-GW-31-35	GW	G	5/10/2024	12:00				2	Х	Х										
ISB-B1-GW-41-45	GW	G	5/10/2024	11:45				2	Х	Х										
ISB-B4-GW-11-15	GW	G	5/14/2024	11:45				2	Х	Х										
ISB-B4-GW-21-25	GW	G	5/14/2024	11:20				2	Х	Х										
ISB-B4-GW-31-35	GW	G	5/14/2024	11:05				2	Х	Х										
ISB-B4-GW-41-45	GW	G	5/14/2024	10:40				2	Х	Х										
ISB-A4-GW-11-15	GW	G	5/15/2024	9:25				2	Х	Х										
ISB-A4-GW-21-25	GW	G	5/15/2024	8:55				2	Х	Х										
Customer Remarks / Special Condit	ions / Possible H	azards:	Type of Ice Used	: w	et Blue	e Dry	None			SHO	RT HOL	DS PRE	ESENT («	72 hou	rs): Y	N	N/A		AB Sample Temperature Info:	
			Packing Materia	l Used:						Lab 1	Fracking	g #:						Т	emp Blank Received: Y N NA herm ID#: ooler 1 Temp Upon Receipt: oC	
				e(s) screen	ed (<500 cp	m): Y	N NA	A			ples rec DEX		via: Cliei	nt Co	ırier D	are Co	urier	c c	ooler 1 Therm Corr. Factor:o ooler 1 Corrected Temp:oC	
elinquished by/Company: (Signature)			Radchem sample(s) screened (<500 cpm):								Date/Ti		Circl		MTJLI		E ONLY		omments:	
			/ <del>~</del> •								D. 1. /=			_	Table #:				T . D	
Relinquished by/Company: (Signature)		Date	e/Time: Received by/Company: (S				: (Signatu	re)			Date/Time:			Те	Acctnum: Template: Prelogin:				Trip Blank Received: Y N NA HCL MeOH TSP Other	
Relinquished by/Company: (Signature)		Date	/Time:		Received by	/Company:	: (Signatu	re)			Date/Ti	me:			M: 3:			Non Conformance(s):Page: 1YES / NOof: 4		

Pace Analytical®	CHAII	N-OF-C	USTODY An	alytica	l Reque	est Docu	ument	:			LAB	USE OI	NLY- Af	fix W				el Here o Iumber	or List Pace Workorder Number or Here
/-					Complete a	all relevent	fields												
Company: NYDEC_EA Engineering, S	cience & Tech	NY	1 .										ALL S	SHA	DED	ARE	۹S a	re foi	r LAB USE ONLY
Address: 333 W. Washington St, STE	E 300, Syracuse,	NY	Accounts Payabl	e							Со	ntaine	r Prese	ervativ	е Туре	e **		La	ab Project Manager:
Report To:			Email To:																
hwilliams@eaest.com			-																, (4) sodium hydroxide, (5) zinc acetate, ascorbic acid, (B) ammonium sulfate,
Сору То:			1	-												ed, (O) O			
Customer Project Name/Number:			· · ·			o Collected							Anal	yses				La	ab Profile/Line:
DW Dzus Fastener Co. Inc. / 16025-:	15-00-CP		1					т		-									ab Sample Receipt Checklist: ustody Seals Present/Intact Y N NA
- :		<i>t</i> :	,	p						Ae C						L I			ustody Signatures Present Y N NA
Email:	Dzus Fastener /	1602515			[] Yes	[ ] No			ਗ	sol						L I			ollector Signature Present Y N NA ottles Intact Y N NA
Collected By (print):	Purchase Order	#:PO 31	24		DW PWS II	D #:			Total	<u>isi</u>						L I			orrect Bottles Y N NA
	Quote #:								<u>с</u>	Hg) Dissolved									ufficient Volume Y N NA amples Received on Ice Y N NA
Collected By (signature):	1	•			1		on Ice:		. Hg)									V	DA - Headspace Acceptable Y N NA
Sample Disposal:		y TAT / CA	I B / Level IV				ahle).		ncl.	(incl.									SDA Regulated Soils Y N NA amples in Holding Time Y N NA
[ x ] Dispose as appropriate [ ] Return	est.com NorthEastAP@EAEST.com Site Collection Info/Address: Dzus Fastener / 425 Union Blvd ect Name/Number: ener Co. Inc. / 16025-15-00-CP State: Dzus Fastener / 1602515 $V$ / West Islip $[PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Dzus Fastener / 1602515 $V$ / West Islip $[]PT []MT []CT]$ Purchase Order # : PO 3124 $V$ / West Islip $V$ / West Islip $V$ / West Islip $V$ / Vocation Code: Immediately Packed on Ice Standard 10-Day TAT / CAT B / Level IV $V$ / Yes $[]No$ Tarinaround Date Required: Standard 10-Day TAT / CAT B / Level IV $V$ / Yes $[]No$ Analysis: Diss.Metals (6010 s (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) s (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) s (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) s (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), E (DT) s (Date Time Date Time 						abie).		6010 (incl.	ii)	L		0	_				Re	esidual Chlorine Present Y N NA
[ ] Archive:	Chai (DEC_EA Engineering, Science & Tech W. Washington St, STE 300, Syracuse, aest.com Dject Name/Number: stener Co. Inc. / 16025-15-00-CP 4-7282 Site/Facility ID # Dzus Fastener / (print): Purchase Order Quote #: (signature): Turnaround Dat Standard 10-Da Standard 10-Da			Day		1 1.10			010	6010	Carbon	0	0.0	300.0	300.0	L I			l Strips: NA
[ ] Hold:	Dzus Fastener /         (print):       Purchase Order         Quote #:       Quote #:         (signature):       Turnaround Dat         ssal:       Rush:         appropriate [] Return       [] 2 Day [				Analysis: D	iss.Metals (	(6010)				ပိ	300.0	30	30	30	L I		pl	H Strips:
* Matrix Codes (Insert in Matrix box	below): Drinking	g Water (D	W), Ground Wate	er (GW), W	/astewater (	(WW),			Metals	23 Metals	Organic (	A 3	Nitrate-N EPA 300.0	EPA	EPA	L I			ulfide Present Y N NA ead Acetate Strips:
Product (P), Soil/Solid (SL), Oil (OL)	), Wipe (WP), Air	(AR), Tiss	ue (TS), Bioassay (	B), Vapor	(V) <i>,</i> Other (	OT)			Ae	∎ Me	gai	l di		Ш		L I			
		Comp /	Collected (or Co	omposite	Compo	site End	Res	# of	23	33	ð	Sulfate EPA	- -	Nitrite-N	Chloride	L I			AB USE ONLY: ab Sample # / Comments:
Customer Sample ID	Matrix *	Grab	— ·		· · ·		CI	Ctns			Total	Ifa	trat	trite	lo	L I			
			Date	Time	Date	Time			TAL	TAL	⊢ ⊢	ച്	Ī	ž	<u>ک</u>				
ISB-A4-GW-31-35	GW	G	5/15/2024	8:40				2	X	X									
ISB-A4-GW-41-45	GW	G	5/15/2024	8:20				2	X	X									
ISB-A5-GW-11-15	GW	G	5/15/2024	15:50				2	X	X									
ISB-A5-GW-21-25	GW	G	5/15/2024	15:25				5	Х	Х	X	X	Х	Х	Х				
ISB-A5-GW-31-35	GW	G	5/15/2024	15:10				2	X	Х									
ISB-A5-GW-41-45	GW	G		14:55				2	X	Х									
ISB-B5-GW-11-15	GW	G		9:10				2	X	Х									
ISB-B5-GW-21-25	GW							2	X	Х									
ISB-B5-GW-31-35			- · · ·	8:15				15	X	Х	X	X	Х	Х	Х				
ISB-B5-GW-41-45	GW	G		8:00				+	X	X									
Customer Remarks / Special Conditi	ions / Possible Ha	azards:		: W	/et Blue	e Dry	None	-		SHO	RT HO	LDS PF	RESENT	(<72	hours	): Y	N	N/A	LAB Sample Temperature Info:
Additional volume include	d with samp	le ISB-	Packing Material	Used:						Lab	Tracki	ng #:				<u> </u>			Temp Blank Received: Y N NA Therm ID#:
	•											-							Cooler 1 Temp Upon Receipt:o
analysis.			Radchem sample	e(s) screen	ed (<500 cm	um): V	N N	Δ			•	eceived							Cooler 1 Therm Corr. Factor:
·										_	EDEX	UP	s cl	ient		ier Pac			Comments:
Relinquished by/Company: (Signatu	d by/Company: (Signature)				Received by	y/Company	: (Signatu	ıre)			Date/	Time:				MTJL LA	B USE	ONLY	_
Relinguished by/Company: (Signatu					Received by	10000000000	· / Cian - +	uro)			Date/	Times				le #:			
Relinquisned by/Company: (Signatu	re)	Date	e/Time:		Received by	y/Company	: (Signatu	ire)			Date/	Time:			Ten	tnum: nplate: login:			Trip Blank Received: Y N NA HCL MeOH TSP Other
Relinquished by/Company: (Signatu	re)	Date	e/Time:		Received by	y/Company	: (Signatu	ıre)			Date/	Time:			PM PB:	:			Non Conformance(s):Page: 2YES / NOof: 4

Pace Analytical®	CHAI	N-OF-C	USTODY Ar	nalytica	l Reque	est Docu	iment	:			LAB U	JSE ON	ILY- Af	fix W		er/Login MTJL Log			r List Pace Workorder Number or ere
	Cha	in-of-Custo	ody is a LEGAL DO	CUMENT -	Complete a	all relevent	fields												
Company: NYDEC_EA Engineering, S	Science & Tech	NY	1						1				ALL S	ЯΗ	DED	AREA	S ar	e for	LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY	Accounts Payabl	le							Со	ntaine	r Prese	rvativ	е Туре	**	_	Lab	Project Manager:
Report To:			Email To:																
hwilliams@eaest.com			-																
Сору То:				-					1									nc, (A) as	
Customer Project Name/Number:	Email To: NorthEastAP@EAEST.com       ** Preservative (6) methanol, ( C) ammonium         Number:       Site Collection Info/Address: Dzus Fastener / 425 Union Blvd       ** Preservative (6) methanol, ( C) ammonium         Number:       State:       County/City:       Time Zone Collected:       (C) ammonium         Site/Facility ID #: Dzus Fastener / 1602515       [] Yes [] No       [] Yes [] No       [] Yes [] No         Purchase Order # : PO 3124 Quote #:       DW PWS ID #: DW Location Code:       [] Yes [] No       [] Rush:       [] Same Day [] Next Day [] Same Day [] Next Day [] Same Day [] Yes [] No       [] No       [] Yes [] Yes [] No       [] Yes [] No       [] Yes [] Yes []									Anal	/ses				Lab	Profile/Line:			
DW_Dzus Fastener Co. Inc. / 16025-	Email To: NorthEastAP@EAEST.com       Container Preservative Site Collection Info/Address: Dzus Fastener / 425 Union Blvd       Container Preservative (6) methanol, (7) sodium bisufface, (8) sodium (6) methanol, (7) sodium bisufface, (8) sodium (6) methanol, (7) sodium bisufface, (8) sodium (7) sodium bisufface, (8) sodium (8) statistical (2) sodium (8) statistical (2) sodium (8) statistintered (11 stred (11 stred (11 stred (11 stred (11 stre											o Sample Receipt Checklist:							
Phone: 716-364-7282	Accounts Payable         Ington St, STE 300, Syracuse, NY       Email To: NorthEastAP@EAEST.com         Site Collection Info/Address: Dzus Fastener / 425 Union Blvd         /Number: nc. / 16025-15-00-CP       State: County/City: Dzus Fastener / 1602515       Time Zone Collected: NY / West Islip         Purchase Order # : PO 3124 Quote #:       DW PWS ID #: DW Location Code:       DW PWS ID #: DW Location Code:         Turnaround Date Required: Standard 10-Day TAT / CAT B / Level IV       [x] Yes       ] No         Rush:       [] Same Day       [] Next Day (Expedite Charges Apply)       [X] Yes       ] No         Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)       Res Start)       Composite End Start)       Res Cl         Matrix *       Comp / GW       Collected (or Composite Start)       Composite End Start)       Res Cl         GW       G       5/10/2024       8:40       Immediated Start)       Immediated Start) <td></td> <td></td> <td>/ec</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>stody Seals Present/Intact Y N NA stody Signatures Present Y N NA</td>									/ec									stody Seals Present/Intact Y N NA stody Signatures Present Y N NA
Email:	Accounts Payable         Accounts Payable         Container Preservati           Email To: NorthEastAP@EAEST.com         Site Collection Info/Address: Drus Fastener / 425 Union Blud         +* Preservative Types: (1) ntits: add, (2) S (6) methanol, (7) Solumin Biudfate, (8) Solumino Types (1) ntits: add, (2) S (6) methanol, (7) Solumino Biudfate, (8) Solumino Types (1) ntits: add, (2) S (6) methanol, (7) Solumino Biudfate, (8) Solumino Types (1) Norther (1) Types (1) Norther (2) Norther (1) Types (1) Norther (2) Nor											Col	llector Signature Present Y N NA						
Collected By (print):	Purchase Orde	r # : PO 312	24			D #:			oté	Jise									ttles Intact Y N NA rrect Bottles Y N NA
	Quote #:				DW Locati	on Code:			T (6	3) C								Suf	fficient Volume Y N NA
Collected By (signature):	1				1		n lce:		Ξ,										mples Received on Ice Y N NA A - Headspace Acceptable Y N NA
		ау ТАТ / СА	T B / Level IV						<u>.</u>	<u>.</u>								USI	DA Regulated Soils Y N NA
Sample Disposal: [x] Dispose as appropriate [] Return		Samo Da	[] Novt Dov		1		able):		(in	(ir	Ę								mples in Holding Time Y N NA sidual Chlorine Present Y N NA
[ ] Archive:				Dav	[X] res	[]110			10	10	0q	0	0.0	0.0	0.0			Cl	Strips:
[ ] Hold:					Analysis: D	iss.Metals (	6010)			60	Cal	Container Preservative Type **         Types: (1) nitric acid, (2) sulfuric acid, (3) hydro         yodium bisulfate, (8) sodium thiosulfate, (9) h         hydroxide, (D) TSP, (U) Unpreserved, (O) Other         Analyses         Analyses         Organic Carbon         Image: Stress Stre							nple pH Acceptable Y N NA Strips:
* Matrix Codes (Insert in Matrix box							,		als	als	ic.	/ 3(	A	₹	X			Sul	lfide Present Y N NA
									Met	Vlet	gar	L T		Ш				Lea	ad Acetate Strips:
		Comp /	Collected (or C	omposite	Compo	sito End	Res	# of		23	ō	ы Ш		Z	ide				B USE ONLY: p Sample # / Comments:
Customer Sample ID	Matrix *	Grab	Start)		Compo		CI	Ctns			tal	lfai	rat	rite	<u>p</u>			1 da	Sample # / Comments.
			Date	Time	Date	Time			TA	ΤA	Р	Su	Ĭ	Ż	<del>රි</del>				
ISB-B2-GW-11-15	GW	G	5/10/2024	9:00				2	Х	Х									
ISB-B2-GW-21-25	GW	G	5/10/2024	8:40				2	Х	Х									
ISB-B2-GW-31-35	GW	G	5/10/2024	8:25				2	Х	Х									
ISB-B2-GW-41-45	GW	G	5/10/2024	8:10				2	Х	Х									
ISB-GW-FD-02-05152024	GW	G	5/15/2024					5	Х	Х	Х	Х	Х	Х	Х				
EQUIPMENT BLANK-4	GW	G	5/10/2024	11:05				1	X										
EQUIPMENT BLANK-5	GW	G	5/14/2024	16:25				1	Х										
EQUIPMENT BLANK-6	GW	G	5/15/2024	16:25				1	Х										
EQUIPMENT BLANK-7	GW	G	5/16/2024	16:20				1	Х										
ISB-SO-FD-01-05062024	SL	С	5/15/2024					2	x		x								
Customer Remarks / Special Condit	ions / Possible H	azards:	Type of Ice Used	i: v	/et Blue	e Dry	None			SHO	RT HO	LDS PF	RESENT	(<72	hours)	: Y I	N N	I/A	LAB Sample Temperature Info: Temp Blank Received: Y N NA
			Packing Materia	l Used:						Lab [·]	Trackir	ng #:							Therm ID#:
										Carry									Cooler 1 Temp Upon Receipt:OC Cooler 1 Therm Corr. Factor: OC
			Radchem sample	e(s) screen	ed (<500 cp	om): Y	N N	A			ples re EDEX			ent	Couri	er Pace	Cour	ier	Cooler 1 Corrected Temp:OC
Relinguished by/Company: (Signatu	ure)	Date	/Time:	I	Received h	/Company:	(Signatu	ire)						•	_				Comments:
	ned by/Company: (Signature)					, company.	19-Briata				Jucy				Tab		552 (		
Relinquished by/Company: (Signatu	uished by/Company: (Signature) Date/Time: Received						(Signatu	ıre)			Date/1	Time:			Acc	num:			Trip Blank Received: Y N NA
																iplate: ogin:			HCL MeOH TSP Other
Relinquished by/Company: (Signatu	ıre)	Date	e/Time:		Received by	y/Company:	(Signatu	ıre)			Date/1	Time:			PM	-			Non Conformance(s): Page: 3
															PB:				YES / NO of: 4

Pace Analytical®	CHAI	N-OF-C	USTODY An	alytica	l Reque	st Docu	iment				LAB U	SE ONL	Y- Affix		-		el Here Number	or List Pace Workorder Number or Here
	Chai	n-of-Custo	ody is a LEGAL DO	CUMENT -	Complete a	ll relevent l	fields											
Company: NYDEC_EA Engineering, S	cience & Tech	NY	Billing Information	on:								Α	LL SH	ADED	ARE	AS a	re fo	r LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY	Accounts Payable	2								tainor	Preserva	tivo Tun			1.	ab Draiget Managor
									-			ltainei	Preserva	live ryp				ab Project Manager:
Report To: hwilliams@eaest.com			Email To:	VEST com					** Pre	ervati	ve Types:	: (1) nitr	ic acid, (2	) sulfuric a	acid, (3) ł	ydroch	nloric acio	d, (4) sodium hydroxide, (5) zinc acetate,
Copy To:					5:												kane, (A)	ascorbic acid, (B) ammonium sulfate,
			Dzus Fastener / 4	25 Union	Blvd				(C) am	moniu	m hydro>	kide, (D)		-	ed, (O) C	ther_		
Customer Project Name/Number:			State: County	//City:	Time Zon	e Collected	:						Analyse	s				ab Profile/Line: ab Sample Receipt Checklist:
DW_Dzus Fastener Co. Inc. / 16025-			NY / We	st Islip				Г									C	ustody Seals Present/Intact Y N NA
Phone: 716-364-7282	Site/Facility ID #						ng?											ustody Signatures Present Y N NA ollector Signature Present Y N NA
Email:	Dzus Fastener /								tal								В	ottles Intact Y N NA
Collected By (print):	Purchase Order Quote #:	# : PO 312	24						μ									orrect Bottles Y N NA ufficient Volume Y N NA
Collected By (signature):	Turnaround Dat	e Require	d:				n Ice:		-dg)								S	amples Received on Ice Y N NA
	Standard 10-Da	•			[ x ] Yes	[]No												OA - Headspace AcceptableY N NASDA Regulated SoilsY N NA
Sample Disposal:	Rush:	,					able):		jino	_							S	amples in Holding Time Y N NA
x ] Dispose as appropriate [] Return		-	[ ] Next Day		[X] Yes	[ ] No			0	loc								esidual Chlorine Present Y N NA 1 Strips:
] Archive: ] Hold:					Analysis: D	iss.Metals (	6010)		601	Cart							s	ample pH Acceptable Y N NA H Strips:
* Matrix Codes (Insert in Matrix box									als	<u>.0</u>							s	ulfide Present Y N NA
									Met	gan	e						L	ead Acetate Strips:
		Comp /	Collected (or Co	omposite		the Field	Res	# of		ð	Si Si							AB USE ONLY:
Customer Sample ID	Matrix *	Grab	Start)		Compo		CI	Ctns		व	ai							ab Sample # / Comments:
			Date	Time	Date	Time			¥	μ	U U U							
MW-9-SO-5-10	SL	С	5/6/2024	NY       / West Isip       [ ] PT [ ] MT [ ] CT [ ] ET         Compliance Monitoring?       [ ] No         DW PWS ID #:       DW Location Code:         DW Location Code:       Immediately Packed on ICE:         B / Level IV       [ X] Yes [ ] No         Field Filtered (if applicable):       [ Next Day         J Next Day       [X] Yes [ ] No         Jabassay (B), Vapor (V), Other (OT)       [ Ci ] Cth signature         Collected (or Composite End Start)       Composite End Start)       Res       # of ci ] Cth signature         5/6/2024       8:40       3       X       X       X         5/6/2024       8:50       3       X       X       X       Immediately Packed on ICe:         5/15/2024       10:45       3       X       X       Immediately Packed on ICe:       Immediately Packed on ICe:         5/15/2024       8:40       3       X       X       Immediately Packed on ICe:         5/15/2024       10:45       3       X       X       Immediately Packed on ICe:         5/12/2024       10:55       3       X       X       Immediately Packed on ICe:       Immediately Packed on ICe:         5/14/2024       12:50       3       X       X       Immediately Packed on ICe														
MW-9-SO-19-20	SL	С	5/6/2024	Control mitory Audiess.       (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (D) f         / Seater / 425 Union Bivd       (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (D) f         / West Islip       [ ] YE       [ ] MT [ ] CT [ ] ET         / West Islip       [ ] YE       [ ] NO         DW PWS ID A:       DW Location Code:       [ ]         DW Location Code:       [ ] No       [ ]         Immediately Packed on Ice:       [ ] No       [ ] No         Seater / 128       [ ] No       [ ] No         Field Filtered (if applicable):       [ ] No       [ ] No         Next Day       [ ] Yes       [ ] No       [ ] No         Jaloastewatewater (WW),       ], Bioassay (B), Vapor (V), Other (OT)       [ ] No       [ ] No         Iected (or Composite Composite End Start)       C I       C I       [ ] No         Date       Time       3       X       X       I       I         I/6/2024       8:40       3       X       X       I       I       I         I/7/2024       10:45       3       X       X       X       I       I         I/7/2024       8:10       7       X       X       X       I       I         I/7/2024														
MW-13A-SO-0-5	SL	С	5/15/2024															
MW-13A-SO-14-15	SL	С	5/15/2024	$\begin{array}{c c c c c c c c c c c c c c c c c c c $														
ISB-D3-SO-0-3.5	SL	С	5/7/2024	8:10				7	Х	Х	X							
ISB-D3-SO-14-15	SL	С	5/7/2024	8:30				3	Х	Х	X							
SB-B5-SO-7-8	SL	С	5/14/2024	12:50				3	Х	Х	X							
ISB-B5-SO-17-18	SL	С	5/14/2024						_									
ISO-A5-SO-8-10	SL	C	5/15/2024															
ISB-A5-SO-19-20	SL	С																
Customer Remarks / Special Conditi	1		Type of Ice Used			Dry	None					.DS PRE	SENT (<	72 hours	): Y	N	N/A	LAB Sample Temperature Info:
Additional volume include	d with samp	le ISB-	Packing Material	Used:						Lab	Tracking	g #:						Temp Blank Received: Y N NA Therm ID#:
D3-SO-0-3.5, to be used f	•																	Cooler 1 Temp Upon Receipt:oC
analysis.			Radchem sample	(s) screene	ed (<500 cpi	n): Y	N NA	<b>\</b>			•			t Cour	ior Po		rior	Cooler 1 Therm Corr. Factor:OC Cooler 1 Corrected Temp:OC
Relinguished by/Company: (Signatu		Dat	/Time:		Pocoised by	Company	(Signation	rol					Clieft					Comments:
Reiniquisileu by/company: (Signatu	10		ey nime.		neceived Dy	/ company:	ເວເຊເາສເພ	12)			Date/ II	inte:			-	ID USE		
Relinquished by/Company: (Signatu	re)	Date	e/Time:		Received by	/Company:	(Signatu	re)			Date/Ti	ime:		_				Trip Blank Received: Y N NA
					- ,	. ,								Ter	nplate:			HCL MeOH TSP Other
Relinquished by/Company: (Signatu	re)	Date	e/Time:		Received by	/Company:	: (Signatu	re)			Date/Ti	ime:		PM PB:				Non Conformance(s):         Page: 4           YES         / NO         of: 4

Pace Analytical®				-							LAB US	SE ON	LY- Affi>	Worko	-	-		e or List Pace Workorder Number or er Here
/ Company: NYDEC_EA Engineering, S			dy is a LEGAL DO Billing Informati		complete a	II relevent	TIEIDS										are f	
Address: 333 W. Washington St, ST			Accounts Payabl									-	ALL SP	IADE	D AR	EAS	are to	or LAB USE ONLY
Address. 555 W. Washington St, ST	e 500, syracuse,	INT									Con	tainer	Preserv	ative Ty	pe **		-	Lab Project Manager:
Report To:			Email To:						** Drog		a Turnaru	(1) mit	is said (	) culturi	a a ci d (2	hudroo	hlariaaa	rid (4) and ium hudrauida (5) sina asatata
hwilliams@eaest.com			NorthEastAP@E		~													cid, (4) sodium hydroxide, (5) zinc acetate, A) ascorbic acid, (B) ammonium sulfate,
Сору То:				-					(C) am	moniun	n hydrox	ide, (D	TSP, (U)	Unprese	rved, (O)	Other _		
Customer Project Name/Number:						e Collected	1:		Ĺ				Analys	es				Lab Profile/Line:
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP				[ ]PT	]MT [	]CT [ ]E	T		ס								Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA
Phone: 716-364-7282	Site/Facility ID						ıg?			<u>&lt;</u>								Custody Signatures Present Y N NA
Email:	Dzus Fastener /								tal	SS								Collector Signature Present Y N NA Bottles Intact Y N NA
Collected By (print):	Purchase Order	# : PO 312	24						L0	ä								Correct Bottles Y N NA Sufficient Volume Y N NA
Collected By (signature):	Quote #:	te Require	4.				n Ice:		lg)	(p								Samples Received on Ice Y N NA
concored by (Signature).		•				[]No			<u> </u>									VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA
Sample Disposal:	Rush:						cable):		jno	ļ								Samples in Holding Time Y N NA
[x] Dispose as appropriate [] Return					[X] Yes	[ ] No			0	<u>o</u>								Residual Chlorine Present Y N NA Cl Strips:
[ ] Archive: [ ] Hold:	1						(604.0)		601	00								Sample pH Acceptable Y N NA
							(6010)			<u>  s</u>								pH Strips:
									Meta	Meta								Lead Acetate Strips:
Customer Sample ID	Matrix *	Comp / Grab		omposite	Compo	site End	Res	# of Ctns	23	23								LAB USE ONLY: Lab Sample # / Comments:
			Date	Time	Date	Time			IAL	<u> </u>								
ISB-A3-GW-41-45	GW	Dzus Fastener / 425 Union Blvd																
ISB-A3-GW-31-35	GW	G	Bite Collected in Indo Address.       Expose Fastener / 425 Union Bitd         Dzus Fastener / 425 Union Bitd       Time Zone Collected:       NY         NY       / West Islip       Time Zone Collected:       PT         State:       Compliance Monitoring?       E       Po         2515       [ ] Yes       ] No       Po         0 3124       DW PWS ID #:       DW Location Code:       Pt         quired:       Immediately Packed on ICe:       Field Filtered (if applicable):       Po         r/CAT B / Level IV       [ X] Yes       [ ] No       Po         Day [ ] Hext Day       Field Filtered (if applicable):       Field Filtered (if applicable):       Po         r G S/17/2024       7:55       2       X       X       Po         G S/17/2024       7:55       2       X       X       Po         G S/17/2024       8:30       2       X       X       Po         G S/17/2024       11:40       2       X       Di       Di         G S/17/2024       11:40       2       X       Di       Di         G S/17/2024       11:40       2       X       Di       Di         G S/17/2024       11:25       2       X															
ISB-A3-GW-21-25	GW	G																
ISB-A3-GW-11-15	GW	G	5/17/2024	8:45				2	Х	X								
ISB-A2-GW-41-45	GW	G	5/17/2024	11:25				2	Х	X								
ISB-A2-GW-31-35	GW	G	5/17/2024	11:40				2	Х	Х								
ISB-A2-GW-21-25	GW	G	5/17/2024	11:55				2	X	X								
ISB-A2-GW-11-15	GW	G		12:10						X								
ISB-A1-GW-41-45	GW	G	<u> </u>															
ISB-A1-GW-31-35	GW	G		13:20				2	Х	х								
Customer Remarks / Special Condit	ions / Possible H	azards:				e Dry	None					DS PRI	SENT (<	72 hou	rs): Y	N	N/A	LAB Sample Temperature Info:
			Packing Materia	l Used:						Lab 1	Fracking	g #:						Temp Blank Received: Y N NA Therm ID#: Cooler 1 Temp Upon Receipt: oC
			Radchem sample	e(s) screen	ed (<500 cn	m): Y	N N/	A										Cooler 1 Therm Corr. Factor:O Cooler 1 Corrected Temp:OC
Relinguished by/Company: (Signatu	ire)	Date											Cliei				Urier E ONLY	Comments:
nemiquished by/company. (Signatu			, inite.		neceiveu Dy	, company:	. Jigiidtu	,		ľ		<del>.</del> .		Та	ible #:	-AB 03		
Relinquished by/Company: (Signatu	ire)	Date	/Time:		Received by	/Company:	: (Signatu	re)			Date/Ti	me:		Те	cctnum: emplate elogin:			Trip Blank Received: Y N NA HCL MeOH TSP Other
Relinquished by/Company: (Signatu	ire)	Date	/Time:		Received by	/Company:	: (Signatu	re)			Date/Ti	me:			v1:			Non Conformance(s):Page: 1YES / NOof: 6

Pace Analytical®	CHAII	N-OF-C	USTODY Ar	alytica	l Reque	est Docu	iment				LAB USI	E ONL	Y- Affix \		er/Logir MTJL Log			r List Pace Workorder Number or Here
	Chai	n-of-Custo	ody is a LEGAL DO	CUMENT -	Complete a	Ill relevent	fields											
Company: NYDEC_EA Engineering, S	cience & Tech	NY	Billing Information	on:								Α	LL SH	ADED	AREA	AS ai	re for	LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY	Accounts Payabl	e							Contr	ainor	Procoriusi		. **		1.2	h Drojoct Managor:
											Conta	amer F	reservat	ive type				b Project Manager:
Report To:				AEST com					** Pre	ervative	e Types: (	(1) nitri	c acid, (2)	sulfuric a	cid, (3) h	drochl	oric acid,	(4) sodium hydroxide, (5) zinc acetate,
hwilliams@eaest.com Copy To:					s:													
				-					(C) am	monium	hydroxio	de, (D)	TSP, (U) U	npreserv	ed, (O) Ot	her		
Customer Project Name/Number:			State: Count	y/City:	Time Zon	e Collected	:		<b></b>				Analyses					b Profile/Line:
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP	Syracuse, NY Email To: NorthEastAP@EAEST.com Site Collection Info/Address: Dzus Fastener / 425 Union Blvd State: County/City: Time Zone Collected: CP NY / West Islip []PT []MT []CT []ET Facility ID #: Fastener / 1602515 [] Yes [] No Tase Order # : PO 3124 DW PWS ID #: DW Location Code: around Date Required: Iard 10-Day TAT / CAT B / Level IV [x] Yes [] No Field Filtered (if applicable): [] Same Day [] Next Day [] Same UDW], Ground Water (GW), Wastewater (WW), e (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) Matrix * $Comp / Grab Start)$ Composite End GW G 5/17/2024 13:40 [] Collected (or Composite Start) Composite End GW G 5/17/2024 13:55 [] Collected GW G 5/20/2024 10:20 [] Collected GW G 5/20/2024 10:20 [] Collected GW G 5/20/2024 10:45 [] Collected GW G 5/20/2024 10:45 [] Collected GW G 5/20/2024 11:05 [] Collected Collected Collected Collected Collected GW G 5/20/2024 11:05 [] Collected Coll								σ								ab Sample Receipt Checklist: stody Seals Present/Intact Y N NA
Phone: 716-364-7282							g?			<u>&gt;</u>								stody Signatures Present Y N NA
Email:									ta	SS								Dilector Signature Present Y N NA Ottles Intact Y N NA
Collected By (print):		# : PO 312	24						Ŭ L	Ë								prrect Bottles Y N NA
Collected Du (signature)	bzus Fastener / 425 Union Blvd       (C) ammonium hydroxide, (D) T5P, (U) Unpreserve         State:       County/City:       Time Zone Collected:         Stief/Facility ID #:       Dux Fastener / 1602515       [] PT [] MT [] CT []ET         Site/Facility ID #:       Compliance Monitoring?       For particular to the second se											afficient Volume Y N NA amples Received on Ice Y N NA						
Collected By (signature):		Quote #:       DW Location Code:       DP         'urnaround Date Required:       Immediately Packed on Ice:       DP         itandard 10-Day TAT / CAT B / Level IV       [x] Yes [] No       'DV         Rush:       Field Filtered (if applicable):       DV         [] Same Day [] Next Day       [X] Yes [] No       OD         [] 2 Day [] 3 Day [] 4 Day [] 5 Day       Analysis: Diss.Metals (6010)       Step and the second seco											VC	DA - Headspace Acceptable Y N NA				
Sample Disposal:		y 1A1 / CA					able):		ncl									DA Regulated Soils Y N NA amples in Holding Time Y N NA
x ] Dispose as appropriate [ ] Return	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$											Re	esidual Chlorine Present Y N NA					
[ ] Archive:				Day					010	3								Strips: NA
] Hold:					Analysis: D	iss.Metals (	6010)										pH	I Strips:
* Matrix Codes (Insert in Matrix box	below): Drinking	g Water (D	W), Ground Wate	er (GW) <i>,</i> W	astewater (	WW),			tal	tal								alfide Present Y N NA ead Acetate Strips:
Product (P), Soil/Solid (SL), Oil (OL)	), Wipe (WP), Air	$\begin{array}{c c c c c c c c c c c c c c c c c c c $																
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $									33								AB USE ONLY: ab Sample # / Comments:
Customer Sample ID	Matrix *	Dzus Fastener / 425 Union Blvd         State:       County/City:       Time Zone Collected:         NY       / West Islip       [] PT [] MT [] CT []ET         Compliance Monitoring?       Compliance Monitoring?         stener / 1602515       [] Yes [] No         see Order #: PO 3124       DW PWS ID #:         Dual Required:       Immediately Packed on Ice:         Immediately Packed on Ice:       [] Yes [] No         [] Same Day [] Next Day       Field Filtered (if applicable):         [] Same Day [] A Day [] 5 Day       [] Yes [] No         Very (Expedite Charges Apply)       Analysis: Diss.Metals (6010)         Drinking Water (DW), Ground Water (GW), Wastewater (WW),       Very [] Time         W       G       5/17/2024         G       Statt:       Composite End         Date       Time       Date         W       G       5/17/2024         G       5/20/2024       10:45         W       G       5/20/2024         W												a compre " / commerce.				
		Site Collection Info/Address: Dzus Fastener / 425 Union Blvd       (6) methanol. (7) 3odium bisulfate. (8) sodium (C) ammonium hydroxide. (D) TSP. (U) Unpres         State:       County/City: NY / West Islip       Time Zone Collected: [] Y Es       (F) TC       [] IT       []																
SB-A1-GW-21-25	GW	G	NorthEastAP@EAEST.com       ** Preservature Types (1) nitre add (2) sulfurint         Site Collection Info/Address:															
ISB-A1-GW-11-15	GW	G																
ISB-C2-GW-41-45	GW	G	Introduction Control Address:       Dus Fastener / 425 Union Blvd       (a) sodium this (b) Stree (b) Unpression         State:       County/City:       Time Zone Collected:       (b) methanol (7) sodium this (b) Stree (b) Unpression         NY       / West Islip       [ ] Ytes       [ ] No       (c) monitoring?         State:       County/City:       Time Zone Collected:       (c) monitoring?         NY       / West Islip       [ ] Ytes       [ ] No         124       DW PWS ID #:       (c) Tree [ ] No       (c) Tree [ ] No         124       DW PWS ID #:       [ ] Ytes       [ ] No         VI       [ ] Ytes       [ ] No       (c) Tree [ ] No         124       DW PWS ID #:       [ ] Ytes       [ ] No         Y       [ ] Next Day       [ ] X] Yes       [ ] No         ( ] Ytes       [ ] No       (c) Tree [ ] NT       (c) Tree [ ] NT         Ny, Ground Water (GW), Wastewater (WW), sue (TS), Bioassay (B), Vapor (V), Other (OT)       (c) Tree [ ] NT       (c) Tree [ ] NT         5/17/2024       13:55       2 2 X       X       2 1         5/20/2024       10:20       2 X       X       2 1         5/20/2024       10:20       2 X       X       2 1         5/20/2024       13:25															
ISB-C2-GW-31-35	GW	G	/       Collected (or Composite Start)       Composite End       Res Cl       # of Ctns       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P															
SB-C2-GW-21-25	GW	G	5/20/2024	10:45				2	Х	Х								
SB-C2-GW-11-15	GW	G	5/20/2024	11:05				2	Х	Х								
SB-C1-GW-41-45	GW	G	5/20/2024	14:30				6	Х	Х								
SB-C1-GW-31-35	GW	G	5/20/2024	14:50				2	Х	Х								
SB-C1-GW-21-25	GW	G	5/20/2024	15:10				2	Х	Х								
SB-C1-GW-11-15	GW	G	5/20/2024	15:25				2	Х	Х								
Customer Remarks / Special Conditi	ions / Possible Ha	azards:	Type of Ice Used	: v	et Blue	e Dry	None			SHOR	RT HOLD	S PRE	SENT (<7	2 hours	: Y	NN	N/A	LAB Sample Temperature Info:
Additional volume include	d with samp	le ISB-	Packing Materia	Used:						Lab T	racking	#:						Temp Blank Received: Y N NA Therm ID#:
C1-GW-41-45, to be used	l for MS/MS	D																Cooler 1 Temp Upon Receipt:00
analysis.			Radchem sample	e(s) screen	ed (<500 cp	m): Y	N N/	А							_	_		Cooler 1 Therm Corr. Factor: Cooler 1 Corrected Temp:0
-													Client					Comments:
Relinquished by/Company: (Signatu	re)	Date	e/Time:		Received by	/Company:	(Signatu	re)		0	Date/Tin	ne:			MTJL LAI	B USE	ONLY	_
Relinguished by/Company: (Signatu	re)	Dat/	/Time		Received by	/Company	(Signatu				)ato/Tin	ne.		_	e #: .num:			Trip Blank Received: Y N NA
nemiquisned by/company. (signatu	10		., i III.C.		Neceiveu Dy	y company:	เวเซเเลเน				Jaie/ III			Terr	iplate: ogin:			HCL MeOH TSP Other
Relinquished by/Company: (Signatu	re)	Date	e/Time:		Received by	/Company:	(Signatu	re)			Date/Tin	ne:		PM: PB:				Non Conformance(s):Page: 2YES / NOof: 6

Pace Analytical®	CHAI	N-OF-C	USTODY Ar	alytica	l Reque	est Docu	iment	:			LAB U	USE ON	NLY- Af	fix W		er/Logir MTJL Log			List Pace Workorder Number or Pre
	Cha	in-of-Custo	ody is a LEGAL DO	CUMENT -	Complete a	Il relevent	fields												
Company: NYDEC_EA Engineering, S	cience & Tech	NY	Billing Informati						1				ALL S	SHA	DED	AREA	Sar	e for l	LAB USE ONLY
Address: 333 W. Washington St, STI	E 300, Syracuse,	NY	Accounts Payabl	e							Co	ntaine	r Prese	ervativ	/е Туре	**	_	Lab	Project Manager:
Report To:			Email To:																
hwilliams@eaest.com			NorthEastAP@E																
Сору То:			Site Collection Ir	-					1										
Customer Dreiget Name (Number			Dzus Fastener /			o Colloctod			-				Anal	yses				Lab	Profile/Line:
Customer Project Name/Number: DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP		State: Count NY / We	y/City: ost Islin				т		_									Sample Receipt Checklist:
Phone: 716-364-7282	Site/Facility ID	#:	101 / 00	.50 15110	1			- '		/eq									tody Seals Present/Intact Y N NA tody Signatures Present Y N NA
Email:	Dzus Fastener /		[] Yes	[ ] No	0.		-									Col	lector Signature Present Y N NA		
Collected By (print):	Purchase Order	r # : PO 312	24		DW PWS II	D #:			oté	Jise									tles Intact Y N NA rect Bottles Y N NA
	Quote #:				DW Locatio	on Code:	elevent fields       ALL SHADED AREAS         Container Preservative Type **								Suf	ficient Volume Y N NA			
Collected By (signature):	Turnaround Da				1		n Ice:		L I										ples Received on Ice Y N NA - Headspace Acceptable Y N NA
	Standard 10-Da	ay TAT / CA	T B / Level IV		[ x ] Yes	[ ] No			<u> </u>	<u>.</u>								USE	A Regulated Soils Y N NA
Sample Disposal: [x] Dispose as appropriate [] Return	Rush:	Come Di			1		able):		(i	i	Ę								ples in Holding Time Y N NA idual Chlorine Present Y N NA
[] Archive:			[ ] Next Day ] 4 Day [ ] 5 [	Jav	[X] Yes	[ ] NO			10	10	q	0	0.0	0.	0.0			Cl	Strips:
[ ] Hold:	1		arges Apply)		Analysis: D	iss.Metals (	6010)			60	Car	l Ö	30	õ	20C				ple pH Acceptable Y N NA Strips:
* Matrix Codes (Insert in Matrix box							,		als	als	ic (	30	A	A	A			Sul	fide Present Y N NA
Product (P), Soil/Solid (SL), Oil (OL)									Met	Met	gan	EPA	山フ	Ш					d Acetate Strips:
Customer Sample ID	Matrix *	Comp / Grab	Collected (or Constant)		Compo	site End		1		23	al O	fate	ate-l	ite-N	oride				USE ONLY: Sample # / Comments:
			Date	Time	Date	Time	1		IAI	TAI	Tot	Sul	Zit	Nitr	CPI				
ISB-A6-GW-41-45	GW	G	5/21/2024	10:10				2											
ISB-A6-GW-31-35	GW	G	5/21/2024	10:28				2	Х	Х									
ISB-A6-GW-21-25	GW	G	5/21/2024	10:40				2	Х	Х									
ISB-A6-GW-11-15	GW	G	5/21/2024	11:00				2	Х	Х									
ISB-A7-GW-41-45	GW	G	5/21/2024	14:30				2	Х	Х									
ISB-A7-GW-31-35	GW	G	5/21/2024	14:50				2	Х	Х									
ISB-A7-GW-21-25	GW	G	5/21/2024	15:00				2	Х	Х									
ISB-A7-GW-11-15	GW	G	5/21/2024	15:15				2	Х	Х									
ISB-A8-GW-41-45	GW	G	5/22/2024	9:50				2	Х	Х									
ISB-A8-GW-31-35	GW	G	5/22/2024	10:15				2	Х	Х									
Customer Remarks / Special Conditi	ions / Possible H	azards:	Type of Ice Used	: v	/et Blue	e Dry	None			SHO	RT HO	LDS PF	RESENT	(<72	hours)	: Y	N N,	/A	LAB Sample Temperature Info:
			Packing Materia	l Used:						Lab '	Trackir	ng #:							Temp Blank Received: Y N NA Therm ID#: Cooler 1 Temp Upon Receipt: oC
			Radchem sample		ed (<500 cm	m): V	N N	٨			•								Cooler 1 Therm Corr. Factor:OC Cooler 1 Therm Corr. Factor:OC Cooler 1 Corrected Temp:OC
											DEX		s ci	ient	_	er Pace			Comments:
Relinquished by/Company: (Signatu	ire)	Date	e/Time:		Received by	/Company:	(Signatu	ire)			Date/1	Time:			Tab	MTJL LAE e #:	USE C	ONLY	-
Relinquished by/Company: (Signatu	ire)	e/Time:		Received by	/Company:	(Signatu	ıre)			Date/	Time:			Acc	num:			Trip Blank Received: Y N NA	
																plate: ogin:			HCL MeOH TSP Other
Relinquished by/Company: (Signatu	ire)	Date	e/Time:		Received by	/Company:	(Signatu	ıre)			Date/	Time:			PM: PB:				Non Conformance(s):Page: 3YES / NOof: 6

Pace Analytical®			USTODY Ar	-							LAB U	SE ON	LY- Affix	k Work	-	-		e or List Pace Workorder Number or er Here
			dy is a LEGAL DO		Complete a	II relevent	fields											
Company: NYDEC_EA Engineering, S			Billing Information									4	ALL SI	HADE	D AR	EAS	are f	or LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY		C							Con	itainer	Preserv	ative T	ype **	_		Lab Project Manager:
Report To:			Email To:															
hwilliams@eaest.com			NorthEastAP@E															cid, (4) sodium hydroxide, (5) zinc acetate,
Сору То:			Site Collection Ir	-,														
Customer Project Name/Number:				y/City:		e Collected	·						Analys	es				Lab Profile/Line:
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP		NY / We					т		-								Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA
Phone: 716-364-7282	Site/Facility ID	#:							1	Ve								Custody Signatures Present Y N NA
Email:	Dzus Fastener /	/ 1602515			[]Yes	[ ] No			ਯ	sol								Collector Signature Present Y N NA Bottles Intact Y N NA
Collected By (print):	1	r # : PO 312	24						1 of	Dis								Correct Bottles Y N NA
<u></u>	Quote #:	: #:       DW Location Code:       OH         round Date Required:       Immediately Packed on Ice:       OH         ard 10-Day TAT / CAT B / Level IV       [x] Yes [] No       Field Filtered (if applicable):         [] Same Day [] Next Day       [X] Yes [] No       Field Filtered (if applicable):         [] Same Day [] A Day [] 5 Day       [X] Yes [] No       OH         [] Same Charges Apply)       Analysis: Diss.Metals (6010)       Step the filtered (or Composite Composite Composite End       Res       # of         [] Comp /       Collected (or Composite Composite End       Composite End       Res       # of       Comp											Sufficient Volume Y N NA Samples Received on Ice Y N NA					
Collected By (signature):	Standard 10-Day TAT / CAT B / Level IV       [x] Yes [] No											VOA - Headspace Acceptable Y N NA						
Sample Disposal:		ate Required:       Immediately Packed on Ice:       D         ay TAT / CAT B / Level IV       [x] Yes [] No       D         [same Day [] Next Day       Field Filtered (if applicable):       D         [Same Day [] Next Day       [X] Yes [] No       DO         [same Charges Apply)       Analysis: Diss.Metals (6010)       Set page         ng Water (DW), Ground Water (GW), Wastewater (WW),       Set page       Set page         ir (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)       M       M												USDA Regulated Soils Y N NA Samples in Holding Time Y N NA				
[x] Dispose as appropriate [] Return	Quote #:       DW Location Code:       OP         Turnaround Date Required:       Immediately Packed on Ice:       OP         Standard 10-Day TAT / CAT B / Level IV       [x] Yes [] No       Field Filtered (if applicable):         Rush:       Field Filtered (if applicable):       [] 2 Day [] 3 Day [] 4 Day [] 5 Day         [] 2 Day [] 3 Day [] 4 Day [] 5 Day       Analysis: Diss.Metals (6010)       Starpedite Charges Apply)         Analysis: Diss.Metals (6010)       Topo (Collected (or Composite (Composite Composite End (Composite End												Residual Chlorine Present Y N NA					
[ ] Archive:	[ ] 2 Day [	] 3 Day [	]4 Day [ ]5[	Day					0	3								Cl Strips: Sample pH Acceptable Y N NA
[ ] Hold:		(Expedite Ch	arges Apply)		Analysis: D	iss.Metals (	6010)			s 6								pH Strips:
									etal	stal								Sulfide Present Y N NA Lead Acetate Strips:
Product (P), Soil/Solid (SL), Oil (OL	), Wipe (WP), Ai	r (AR), Tiss	ue (TS), Bioassay (	B), Vapor (	(V) <i>,</i> Other (	OT)			Ξ	Β							L 1	
		· ·		omposite	Compo	site End	1	1	23	23								LAB USE ONLY: Lab Sample # / Comments:
Customer Sample ID	Matrix *	Grab	· · · · · · · · · · · · · · · · · · ·	Times	Compliance Monitoring?       I       Yes       I       No         DW PWS ID #:       DW Location Code:       Immediately Packed on Ice:       Field Filtered (if applicable):       Field Filtered (if applicable): <t< td=""><td></td><td></td><td>L 1</td><td></td></t<>										L 1			
		e #:																
ISB-A8-GW-21-25	GW	G	5/22/2024	10:30	Inion Blvd       (C) ammonium hydroxide, (D) TSP, (U) Unpresent         Inion Blvd       (C) ammonium hydroxide, (D) TSP, (U) Unpresent         (D) Tree Zone Collected:       (D) TSP, (U) Unpresent         (D) W PVS ID #:       (D) Unpresent         DW Location Code:       (D) Unpresent         Immediately Packed on Ice:       (E) #TOP         [x] Yes       [] No         Analysis: Diss.Metals (6010)       (D) TSP, (U) Unpresent         My Wastewater (WW), apor (V), Other (OT)       (D) TSP         Siste       Composite End       Res       # of Cl         C1       Ctrss       THE       THE         D:30       2       X       X       2         D:30       2       X       X       2       2         D:30       2       X       X       2       2         1:18       2       2       X       X       2       2         1:18       2       2       X       X       2       2       2         1:18       2       2       X       X       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2													
ISB-A8-GW-11-15	GW	G	5/22/2024	10:45		Image: Analyses         Image: Ipr [ ]MT [ ]CT [ ]ET         mpliance Monitoring?         Yes [ ] No         / PWS ID #:         / Location Code:         mediately Packed on Ice:         ]Yes [ ] No         Id Filtered (if applicable):         Yes [ ] No         did Filtered (if applicable):         Yes [ ] No         advaster (WW),         Other (OT)         Composite End       Res Cl I         Cl       Ctns         Cl       Ctns         VEX       X         Image: Image												
ISB-A9-GW-41-45	GW	G	5/22/2024	14:00				2	X	X								
ISB-A9-GW-31-35	GW	G	5/22/2024	14:18				2	Х	X								
ISB-A9-GW-21-25	GW	G	5/22/2024	14:30				2	Х	X								
ISB-A9-GW-11-15	GW	G	5/22/2024	14:50				2	Х	X								
ISB-C3-GW-41-45	GW	G	5/23/2024				1	2	Х	X								
ISB-C3-GW-31-35	GW		<u> </u>															
ISB-C3-GW-21-25	GW		<u> </u>															
ISB-C3-GW-11-25	-																	
Customer Remarks / Special Condit			<u> </u>	· w	l /et Blue	Drv	None		~	<u> </u>			ESENT (-	<72 hoi	urs) · · · ·	/ N	N/A	LAB Sample Temperature Info:
· · · · · · ·			Packing Materia		5. 5.00	5.,											,/	Temp Blank Received: Y N NA
				oscu.							TUCKIN	6 "'						Therm ID#: Cooler 1 Temp Upon Receipt:oC
				()	1/ 500	· · · ·				Sam	ples rec	ceived	via:					Cooler 1 Therm Corr. Factor:OC
			Radchem sample	e(s) screen	ed (<500 cp	m): Y	N NA	4		FE	DEX	UPS	Clie	nt Co	ourier F	Pace Co	urier	Cooler 1 Corrected Temp:OC Comments:
Relinquished by/Company: (Signatu	ıre)	Date	/Time:		Received by	/Company	: (Signatu	re)			Date/T	ime:			MTJL	LAB US	E ONLY	
														Т	able #:			
Relinquished by/Company: (Signatu	ire)	Date	e/Time:	T	Received by	/Company	: (Signatu	re)			Date/T	ime:			cctnum			Trip Blank Received: Y N NA
															emplate			HCL MeOH TSP Other
Relinguished by/Company: (Signatu	(re)	D3+/	e/Time:		Received by	Company	(Signatu	re)			Date/T	ime:			relogin: M:			Non Conformance(s): Page: 4
			.,		Neceiveu Dy	Company					Date/ I	ine.			B:			YES / NO of: 6

Pace Analytical [®]	CHAI	N-OF-C	USTODY Aı	nalytica	l Reque	est Docu	ument	:			LAB U	SE ON	ILY- Aff	fix Wo		-		el Here Iumbei	e or List Pace Workorder Number or r Here
/			ody is a LEGAL DC		Complete a	all relevent	fields												
Company: NYDEC_EA Engineering, S	cience & Tech	· NY	Billing Informati									4	ALL S	HAD	DED	ARE/	AS a	re fo	or LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY	Accounts Payab	le							Con	itainer	Preser	rvative	Туре	**	_	I	Lab Project Manager:
Report To:			Email To:											(1)					
hwilliams@eaest.com																			id, (4) sodium hydroxide, (5) zinc acetate, ) ascorbic acid. (B) ammonium sulfate.
Сору То:				-					1 · ·										
Customer Project Name/Number:						e Collected	:						Analy	/ses					Lab Profile/Line:
DW_Dzus Fastener Co. Inc. / 16025-	15-00-CP							ΕT											Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA
Phone: 716-364-7282	Site/Facility ID	#:							1	Ve(									Custody Signatures Present Y N NA
Email:	Dzus Fastener ,	/ 1602515			[]Yes	[ ] No			ਯ	sol									Collector Signature Present Y N NA Bottles Intact Y N NA
Collected By (print):	Purchase Orde	r # : PO 312	24		DW PWS II	D #:			Id	Dis								C	Correct Bottles Y N NA
	Quote #:								()	g)									Sufficient Volume Y N NA Samples Received on Ice Y N NA
Collected By (signature):	Turnaround Da				1	,	n lce:		I	ΙĨ.								7	VOA - Headspace Acceptable Y N NA
Sample Disposal:	Standard 10-Da	ay TAT / CA	I B / LEVELIV				ablo):		loc.										USDA Regulated Soils Y N NA Samples in Holding Time Y N NA
[] Dispose as appropriate [] Return		Same Dav	[]Next Dav		1		aulej:		(ji	(i)									Residual Chlorine Present Y N NA
[ ] Archive:				Day		[]			10	10									Cl Strips: Sample pH Acceptable Y N NA
[ ] Hold:					Analysis: D	iss.Metals (	6010)			90(									pH Strips:
* Matrix Codes (Insert in Matrix box	below): Drinkin	g Water (D	W), Ground Wat	er (GW) <i>,</i> W	/astewater (	ww),			tal	tals									Sulfide Present Y N NA Lead Acetate Strips:
Product (P), Soil/Solid (SL), Oil (OL	), Wipe (WP), Ai	r (AR), Tiss	ue (TS), Bioassay	(B), Vapor	(V) <i>,</i> Other (0	OT)			Ae	Me								ľ	
		Comp /	Collected (or C	omposite	Compo	site End	Res	# of		53									LAB USE ONLY: Lab Sample # / Comments:
Customer Sample ID	Matrix *	Grab	í		compo		CI	Ctns											Las sample " , commence.
			Date	Time	Date	Time			⊢	L⊿									
ISB-A10-GW-41-45	GW	G	Site Collection info/Address:       (a) methanol. (7) sodium bisulfate. (8) sodium thiosulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (7) sodium bisulfate. (7) sodium bisulfate. (8) sodium thiosulfate. (7) sodium bisulfate. (7) sodium bisulfat																
ISB-A10-GW-31-35	GW	G																	
ISB-A10-GW-21-25	GW	G																	
ISB-A10-GW-11-15	GW	G	5/23/2024					2	X	X									
ISB-GW-FD-03-05202024	GW	G	5/20/2024					2	Х	Х									
ISB-GW-FD-04-05222024	GW	G	5/22/2024					2	X	Х		ĺ							
EQUIPMENT BLANK-8	GW	G	5/17/2024	14:10				1	X										
EQUIPMENT BLANK-9	GW	G	5/20/2024	15:45				1	X			Ì							
EQUIPMENT BLANK-10	GW	G	5/21/2024	15:30				1	X			Í							
EQUIPMENT BLANK-11	GW	G	5/22/2024	15:10				1	X			ĺ							
Customer Remarks / Special Condit	ions / Possible H	lazards:	Type of Ice Used	l: V	/et Blue	e Dry	None			SHO	RT HOL	DS PR	ESENT	(<72 h	ours)	: Y	N	N/A	LAB Sample Temperature Info:
			Packing Materia	l Used:						Lab	Trackin	g #:							Temp Blank Received: Y N NA Therm ID#:
																			Cooler 1 Temp Upon Receipt:OC Cooler 1 Therm Corr. Factor: OC
				e(s) screen	ed (<500 cp	m): Y	N N	A			•			ent	Courie	r Pac	e Cou	rier	Cooler 1 Corrected Temp:OC
Delinguished by/Component (Signatu		Detr	/Time o				(Cignotu							ent					Comments:
Relinquished by/Company: (Signatu	110)		a inte.		neceived by	// Company:	ເວເຊເາດເບ	iie)			Date/ II	inne:					B USE	UNLY	-
Relinguished by/Company: (Signatu	ıre)	Date	e/Time:		Received by	/Company	(Signatu	ıre)			Date/Ti	ime:			<u> </u>				Trip Blank Received: Y N NA
-1/,/- (B.1000	,							-,			, .				Temp	late:			HCL MeOH TSP Other
Delinguished by/Company (Cinet		Dett	/Time.		Received by	10000000	(Cian - 1				Dat- /**				-	gin:			
Relinquished by/Company: (Signatu	ne)		e/Time:		neceived by	// Company:	เรายุทลใน	ne)			Date/Ti	ime:			PM: PB:				Non Conformance(s): Page: 5 YES / NO of: 6

Pace Analytical®	CHAI	N-OF-0	CUSTODY A	nalytic	al Reque	est Docu	ument				LAB	JSE OI	NLY- Affi	x Workoı		-	bel Her Numbe	e or List Pace Workorder Number or er Here
			ody is a LEGAL DO	DCUMENT	- Complete a	all relevent	fields											
Company: NYDEC_EA Engineering, S	Science & Tech	NY	Billing Informat										ALL S	HADE	) AR	EAS	are fo	or LAB USE ONLY
Address: 333 W. Washington St, ST	E 300, Syracuse,	NY	Accounts Payab	ole							Со	ntaine	r Preser	ative Typ	e **		_	Lab Project Manager:
Report To:			Email To:															
hwilliams@eaest.com			NorthEastAP@I															cid, (4) sodium hydroxide, (5) zinc acetate, A) ascorbic acid, (B) ammonium sulfate,
Сору То:			Site Collection I	-										) Unpreser				() ascorbic aciu, (b) annionium sunate,
			Dzus Fastener /						<u> </u>		,		Analy					Lab Profile/Line:
Customer Project Name/Number:	45.00.05			ity/City:		e Collected		_										Lab Sample Receipt Checklist:
DW_Dzus Fastener Co. Inc. / 16025			NY / W	est Islip	1	[ ]MT [		:1	-	ed								Custody Seals Present/Intact Y N NA
Phone: 716-364-7282	Site/Facility ID # Dzus Fastener /				· ·	e Monitorir [ ] No	ng?			Dissolved								Custody Signatures Present Y N NA Collector Signature Present Y N NA
Email:					[] Yes				Total	SS								Bottles Intact Y N NA
Collected By (print):	Purchase Order	# : PO 31	.24		DW PWS II				μ	Ē								Correct Bottles Y N NA Sufficient Volume Y N NA
Collected By (signature):	Quote #: Turnaround Dat	to Boquir			DW Location		n leo:		Hg)	Hg)								Samples Received on Ice Y N NA
	Standard 10-Da	•			[] Yes	[]No	in ice.			÷.								VOA - Headspace Acceptable Y N NA
Sample Disposal:	Rush:		AT D7 Levent		Field Filter		cable).		(incl.	(incl.								USDA Regulated Soils Y N NA Samples in Holding Time Y N NA
[] Dispose as appropriate [] Return	1	Same Day	y [ ] Next Day		[X] Yes	[] No	abic).		i)									Residual Chlorine Present Y N NA
[ ] Archive:			[ ] 4 Day [ ] 5	Day		[ ]			6010	6010								Cl Strips: Sample pH Acceptable Y N NA
[ ] Hold:			harges Apply)		Analysis: D	iss.Metals (	(6010)			0								pH Strips:
* Matrix Codes (Insert in Matrix box Product (P), Soil/Solid (SL), Oil (OL									Metals	Metals								Sulfide Present Y N NA Lead Acetate Strips:
Customer Sample ID	Matrix *	Comp / Grab	Collected (or C		Compo	site End	Res Cl	# of Ctns	23	23								LAB USE ONLY: Lab Sample # / Comments:
			Date	Time	Date	Time			TAL	TAL								
EQUIPMENT BLANK-12	GW	G	5/23/2024					1	Х									
							1											
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							1											
							ļ			L				_	_			
										Ļ								
Customer Remarks / Special Condit	tions / Possible H	azards:	Type of Ice Use	d: \	Net Blue	e Dry	None			SHO	ORT HO	LDS PF	RESENT (	<72 hour	s): Y	Ν	N/A	LAB Sample Temperature Info: Temp Blank Received: Y N NA
			Packing Materia	al Used:						Lab	) Trackii	ng #:						Therm ID#: Ocoler 1 Temp Upon Receipt: oC
			Radchem samp	le(s) scree	ned (<500 cp	vm): Y	N NA	A			nples re EDEX			nt Cou	rier P	ace Co	ourier	Cooler 1 Therm Corr. Factor:OC Cooler 1 Corrected Temp:OC
Relinquished by/Company: (Signate	ure)	Dat	e/Time:		Received by	//Company	: (Signatu	re)			Date/		0.10		MTJL I		SE ONLY	Comments:
						10	101							_	ble #:			
Relinquished by/Company: (Signati	ure)	Dat	e/Time:		Received by	//Company	: (Signatu	re)			Date/	ime:		Те	ctnum: mplate elogin:			Trip Blank Received: Y N NA HCL MeOH TSP Other
Relinquished by/Company: (Signate	ure)	Dat	e/Time:		Received by	//Company	: (Signatu	re)			Date/	lime:		PN PB				Non Conformance(s):         Page: 6           YES         / NO         of: 6

Pace Analytical	<ul> <li>Phone: 612-607-6400</li> <li>Fax: 612-607-6344</li> </ul>			a 6	ttps //www.p				Doc #	380 Re	ev 1_03	242017			Im Stre	et SE MN 554	114	Page 1 of 3
1		3.53		No. of Lot of Lo	quested Tu			_			-	-						# of Containers
to be allowed by they're the second and the second	s.com/contact-us/contact-environme	ntal-sci		7-Day		10-Day	××	6	N2 N	N	-	-			-	-	2	² Preservation Code
Company Name:	EA Engineering			Due Date:	Rush-Appro	val teks	outred		D	P	-	-	-				3	Container Code
hone: (315)530-5822	ngton Street, STE 300	Hrac	US2. MY	1-Day	AND AND OTHER DESIGNATION.	3-Day	14-10-0-00	]	Ota	(Gan	AN	ALYSI	S REQ	UEST	ED			Dissolved Metals Sample
roject Name:	Drus Fastener			2-Day		4-Day		]	640	H .:					1			Field Filtered
roject Location: West 151	P. NY (425 Union B)	vd.)	1.1	P. D. Strandburgh	Data D		the second second		(incl-Hg)	A								
roject Number: 1002515					~	EXCEL		2	T.	010								Orthophosphate Sampl
roject Manager: Hilang w		_			ATB		verab	1e	tals 23	15 G								Field Filtered
ace Analytical Quote Name/Num nvoice Recipient:	ber				ata Pkg Req		2000	1 ( 04	cta	ta								Lab to Filter
ampled By: C. Derrick				Fax To #:	nwillianaleyyo	MSC	Deres	t.Con	17	ž								1
Pace Analytical	Client Sample ID / Description		Beginning	Ending	Composite	Grab	Matrix	Conc	TAU	Thesa Metals levio Dissa							[	1 Matrix Codes:
Work Order#	Citerie sample is a secondaria		Date/Time	Date/Time		Julian I	Code	Code			-	-	-	-	-		+	GW = Ground Water WW = Waste Water
	ISB-B9-GW-41-45	p	124/14	1005		X	GW		X	X	-	-	-			-	-	DW = Drinking Water A = Air
	150-09-GW-31-35		1	1020		X	GW		×	x						_		S = Soil SL = Sludge
	15B-B9-GW-21-25			1030		x	GW		×	×	_	-				-		SOL = Solid O = Other (please
二月二十二日	158-89-GW-11-15			1050		X	GW	1	x	x	-	-				_		define)
100000	158-88-GW-41-4	5		1305		X	GW	-	×	X	_				-	_		2 Descention Codes
	150-00-GW-31-3	5		1320		X	Gw	-	x	×	-				-	_		² Preservation Codes I = Iced
	158-88-GW-21-2	5	-	1335		Х	GW		X	X	_	_	-		_	_		H = HCL M = Methanol
	158-88-6W-11-15			1350		X	GW		x	×					_	_		N = Nitric Acid S = Sulfuric Acid
	Equipment Blank-17	3	*	1415		х	GW	-	X						-	-		B = Sodium Bisulfate X = Sodium Hydroxide
	158-GW-FD-05-052	12024	1			X	GW		X	X								T = Sodium Thiosulfate
and the second	uded with 15B-B9-Gu		-45 †		W>IN1				wi gh; M	wing co ithin th - Mediu	e Conc	Code	column	above an; U	- Unkn	iown	ation	O = Other (please define) ³ <u>Container Codes</u> : A = Amber Glass
Relinquished by: (signature)	bile 24 134	15		AWQ STDS	& Regulato	availut.	NY TOG	Summer of the local division of the local di	Ser 18	A	THE C			and the second second	eliver. nanced	Data P	ackage	G = Glass P = Plastic
Haley Yorug Received by (sphature)	Date/Time:				r Discharge W (Landfill	_	NY CP-	51		N. COL			N		NYSD	DEC EQU Standar	IS EDD	ST = Sterile V = Vial S = Summa Canister
elinquished by: (signature)	Date/Time:			NY Restric							20			N		egulato Hits-Or		0 01
eceivec by: (signature)	Date/Time:			NY Part 37							and the second second	ner:	8					define)
	Date/Time:	0.84	Other: oject Enti				ipality				_		nd AlH Oth	er		ccredit		PCB ONLY Soxhlet
elinquished by: (signature)			X	Governmen	*					WRA	W	RTA				atogran		L Soxhlet

Pace Analytical®	Phone: 612-607-6400 Fax: 612-607-6344				ttps //www.p CUSTODY I				Doc #	380 Re	v 1_0	32420	17			Street blis, Mf	SE N 5541	4 ¹	Page 2_ of 3
Contact: https://www.pacelabs	.com/contact-us/contact-environmental-	relas	cost		quested Tu	_		_	10	101	-	-	-	-	-	-	<b></b> _	H	of Containers
Company Name:		scien	ces	7-Day Due Date:		10-Day	A		10	N	-	-	+	-	-	-		-	Preservation Code
Address:	3				Rush-Appro	VILLEO	anheid	ALC: NOT	P	P	-	-	+	-	-	-		-	Container Code
Phone:				1-Day	Transfer Monthly	3-Day	1		194	22	A	VALY	SIS R	EQUI	STED	-		10	Dissolved Metals Samples
Project Name:	ACC	-		2-Day		4-Day	Ē	i l	11	Dissolvad	1	1	1	Ĩ	1	1		E	Field Filtered
Project Location:	Sho			12 19 12	Data D	eliver	y . The	正法の	To	Dist									Lab to Filter
Project Number:	E PAGE 1			Format:	PDF	EXCEL	pc Q	]		g									
Project Manager:				Other: (	AT B Del	ivera	ble	1	slo	3								1	Orthophosphate Samples
Pace Analytical Quote Name/Numb	er			CLP Like Da	ata Pkg Req	uired:			al	als								1	Field Filtered
Invoice Recipient:					hwillian				Mer	Act								1	Lab to Filter
Sampled By: C. Derrick	The second second	-			nalcyyou	nga	eaest	.com	3	23 Metals (2010								L	
Pace Analytical Work Order#	Client Sample ID / Description		ginning e/Time	Ending Date/Time	Composite	Grab	¹ Matrix Code	Conc Code	TAL 23 Metals (001	TALI									¹ <u>Matrix Codes</u> : GW = Ground Water
. The second second	158-BO-GW-41-45	101	4124	0950	_	X	GW		X	X									WW = Waste Water DW = Drinking Water
1000 P 19- 19	15B-BU-GW-31-35	17	1	1008		×	GW		x	x									A = Air S = Soil
	158-BU-GW-Z1-25			1025		x		1	x	x	-		-	-	-	-		-	SL = Sludge
		-	-	1005		-	GW	-	-		-	-	-	-	-	-	-	-	SOL = Solid O = Other (please
	158-B6-GW-11-15			1038	· · · · · · · · · · · · · · · · · · ·	×	GW		X	×							$[a_{ij},a_{ij}]$	1	define)
	158-87-GW-41-45			1313	(1	x	GW		x	×									
	15B-87-6W-31-35			1328	1	X	GW		X	X									² Preservation Codes:
100 million (100 million)	15B-B7-GW-21-25			1343		X	GW		×	x			-	-	-	-	1		l = lced H = HCL
		+	-			-			-		-	-	-	-	-	-	-		M = Methanol
	15B-B7-GW-11-15		-	1353		X	GW	-	×	×	-	-	-	-	-	_			N = Nitric Acid S = Sulfuric Acid
	15B-B5-GW-7-11			1446		x	Gw		X	X									B = Sodium Bisulfate
	158-BH-GW-7-11		4	1517		X	Gw		x	X									X = Sodium Hydroxide T = Sodium
^{Comments:} CAT B Deli Ve							i trans	e use the H - Hi	w	wing co ithin th - Mediu	ne Co	nc Co	de co	lumn a	bove:			tion	Thiosulfate O = Other (please define) <u>Container Codes</u> : A = Amber Glass
Relinquished by: (signature)	Le 6124 1345	10	14		& Regulato		And in case of the local division of the loc	and the second se	14		100			231	De	liverab	les	i ant	G = Glass
Haley young				AWQ STDS		_	NY TOO			E.	. *				Enha	nced D	Data Pa	ckage	P = Plastic
Received by Ksignature	Date/Time:				r Discharge		NY CP-	51			Tes			K			C EQu		ST = Sterile V = Vial
Relinquished by: (signature)	Date/Time:			NY Restric	GW (Landfil cted Use cricted Use	1)				C.	( 10)		1			NY Reg	andaro gulator	y EDD	
Received by: (signature)	Date/Time:	0	ther:	NY Part 3				_	_	-	A DECK	Other NELA	and the second	AIHA			lits-On		define)
Relinquished by: (signature)	Date/Time:	ALC: NO.	ect En	tity Governme	nt 🗆	Munic	ipality		м	WRA	-	WRT		Othe	1		togram		PCB ONLY Soxhlet
Received by: (signature)	Date/Time:	1		Federal City		21 J	nfield		Se	heol BTA	-					HA-LA			Non Soxhlet

Face Analytical	Phone: 413-525-2332 39 Spruce St East Longmeadow, MA 01028			https://www.p			York)	Doc # 3	380 Rev	1_0324	2017				Page 3 of 3
Contact: https://www.pacelabs	.com/contact-us/contact-environment.	al poloness (	2.	quested Tu	(haro)	und Time									
Company Name. NYS DEC	Consultant:	al-sciences/		ard 30-calen	ndar da	y I			_				9		# of Containers
Consultant Address:			Due Date:			_			_			N			² Preservation Code
Consultant Phone:				h (Prior App	proval		d)					IP	P		³ Container Code
Callout Project Name:			1-Day	2-Day	L	3-Day	L	ANA	LYSIS	REQU	ESTED	(Anal	vses/Re	quested )	Dissolved Metals Samp
Project Location:	PAGEI		4-Day	5-Day		10-Day	X.					15	10	-	K Field Filtered
Callout Number:	PACE		-	Dath D					• i I			120	15		Lab to Filter
Site/Spill Number:				PDF X			-					0	10100		
Project Manager:			Other:	CAT B	De	ALVON	abe			1	11	3	39		Orthophosphate Samp
ace Analytical Quote Name/Numb	er:											24	Ear		Field Filtered
nvoice Recipient:			Email 10:	nullian	1500	earst.	COM				11	12	23		Lab to Filter
ampled By C. Dernicy			Fax To #:	aleyya	mag	eaest	com					Metals 6	Metals		
Pace Analytical		Parint			5							15	53		
Work Order#	Client Sample ID / Description	Beginning Date/Time		Composite	Grab	⁴ Matrix Code	Conc Code		1			TALES	141		Matrix Codes:
	Equipment Blank - 14	lall-			~		Cour		-		-	-	17		GW = Ground Water
		614124			X	GW						X			WW = Waste Water DW = Drinking Wate
	15B-B1-GW-4-8	16/5/24	10804		x	GW						X	X		A = Air
	15B-BZ-GW-4-8	1	0906			GW			-	+	+	-			S = Soil SL = Studge
			-						-	+	-	X	×		SOL = Solid
	158-03-GW-3.5-7.5		0936		X	GW						X	X		O = Other (please define)
	15B-D3-GW-3.5-7.5	5	1013		X	GW						X	X		1 decimies
	150-02-GW-35-75		1046			GW		1	-	+		T		++-	² Preservation Codes
	15B-DI-GW-4-8				- 1		-		-	+	-	X	X		I = lced
			1120	-	X	GW						X	x		H = HCL
	158-GW-FD-06-0605	2624			X	GW						X	X		M = Methanol N = Nitric Acid
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		11	iau	-	~	aw		-+-	-	++	-	X			<ul> <li>B = Sodium Bisulfate</li> <li>X Sodium Hydroxide</li> </ul>
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daitional Volume	Included with ISB-BI		for	MS/MS	D		use the H - High	WIDE	In the Co	one Cod	le colum	i den	10°	nnconti aliton Rawin	O = Other (please define) ³ Container Codes:
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inquished by: (signature)	Date/Time:	Project En		t E A	Aunicip			MWRA		WRTA	Othe		<u>-1-6</u> h	er Militani	PCB ONLY
ceived by: (signature)			Governmen											atogram	and the second s

NYSDEC Division of Environme Site Location: West		on 2	NEW YORK STATE OF OPPORTUNITY	Departm Environn Conserva	nental	al DEC DM James Krussler				
Sile Location. West	•					Engi	neer Insp	). – L. Ba	ackman	-
		Condition			<b>D14</b>	Lowe	)			
General Description	Cloudy	AM	Sunny	1	PM					
Temperature Wind	52°F 2 mph S	AM AM	62°F 2 mph	\$	PM PM					
Health & Safety If any box below is		I	•		1	Safa		monte"	1	
Were there any change						*Ye		No X	NA	
Were there any exceed				d on this d	ata?	*Ye		No	NA	Х
			-		ale			-		^
Were there any nuisand Health & Safety Cor	· · ·	JUDSEIVED	on this date?			*Ye	55	No X	NA	
safety; slips, trips, and t		Arrived a	t site: 0650		De	eparte	d Site:	1130	)	
(0800) LAWES begin (0840) EA collects so (0850) EA collects so (0945) Drilling to 40 f (0950) LAWES begin (1005) Backfill compl	bil sample MW-9 bil sample MW-9 eet bgs complet is backfilling MV	9-SB-5-10 9-SB-19-20 te, rig is tu V-9-SB so	for TAL Metals ) for TAL Metal rned off. il boring with na	, TOC, ar s, TOC, a	and gra					
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Department of Environmental Conservation

Box Truck		LAWES			2 Yes		S	
Water Level Meter		Pine			1	1 Yes		
						1		
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable)		r Disposal Applicable)	Daily Loads	Daily Weight (tons)*
N/A								
*On-Site scale for off-site shipm	ant delivery ti	cket for mater	ial receiv	har				
*On-Site scale for off-site shipment, delivery ticket for material received Equipment/Material Tracking Comments: None.								
Visitors to Site								
Name			Rej	presenting		Entered Exc	clusion/CR	Z Zone
N/A					Y	es	No	
					Y	es	No	
					Y	es	No	
					Y	es	No	
Site Representatives								
Name				Representing				
Robert Monahan				Island Associate	25			
				lolaria / locoolati				
Project Schedule Comn	nents							
EA plans to start work on								ments
have been signed by Cap	otree Plaza	& Stop and	Shop I	Plaza, work will	begin on tra	ansects A,	B, and C.	
Issues Pending								
None.								
Interaction with Public	Broporty C	whore Ma	dia at	•				
Interaction with Public,	Froperty C		uia, et	L.				
Property owner, Robert Monahan, stopped by to discuss scope of work with EA to confirm whether other drilling activities were scheduled at the OU1 parcel. EA confirmed that MW-9-SB was the sole location to be completed on the OU1 parcel and that the rest of the investigative work would not interfere with further development activities (paving).								

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



Site Photographs (Descriptions Below)

Photos attached in separate photo log.

Comments	
N/A	
Cite Increator(a), Lincola Declarger Louis	Data: 05/00/2024
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/06/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY HEALTH CHECKLIST

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

## REMEDIAL ACTIVITIES AT PROPERTIES

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



## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🛛	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🛛	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🛛	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

### NUISANCE CHECKLIST

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



### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes 🗆	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes 🗆	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes 🗆	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes 🗆	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes 🗆	No 🗆	N/A⊠
	Yes 🗆	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes 🗆	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology



# Dzus Fastener Site, West Islip, New York

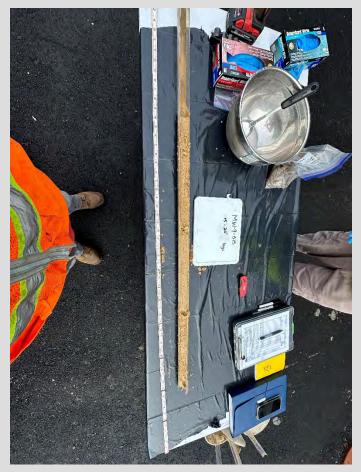


Drilling subcontractor, LAWES, prepares to begin soil boring at MW-9-SB location on OU1 property.



MW-9-SB soil core from 5-10' bgs. Soil sample collected from this interval.

# Dzus Fastener Site, West Islip, New York



MW-9-SB soil core from 15-20' bgs. Soil sample collected from the 19-20' bgs interval.



EA field personnel characterizing the top 5' of soil from MW-9-SB location.

# Dzus Fastener Site, West Islip, New York



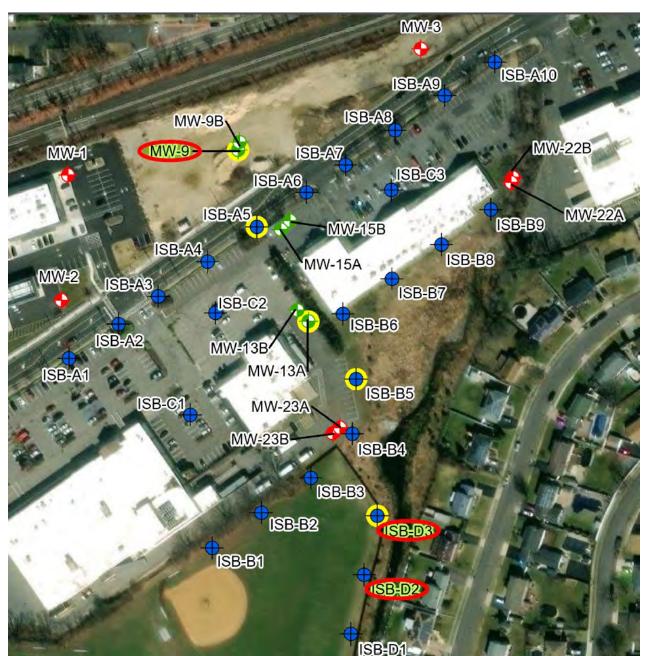
MW-9-SB location (circled), patched with asphalt after completion of the soil boring.



#### DAILY INSPECTION REPORT - No. 001 Dzus Fastener OU 1- 6 SM, Site No. 152033

Were there any vehicles wh	ich were not	decontamina	ated prior to exiting	g the work		Yes	No	NA X
Personnel and Equipme	ent				<u> </u>	<u> </u>	I	
		Cor	npany		Trade		Total	Hours
Lincoln Backman-Low	e		EA		Scientist		8	
Matt Boyle			EA		Scientist		8	
Hilary Williams Scott Pederson			EA WES		Scientist		5	
Kevin McGourty			WES		Driller Driller		8	
Equipment Description	on		Contractor/Vend	dor		Quantity	Us	
Ford Expedition			EA			1	Ye	es
Dodge RAM			Enterprise			1	Ye	
Geoprobe Box Truck			LAWES LAWES			1 2	Ye	es es
Water Level Meter			Pine			1	Ye	
Horiba U-52			Pine			1	Ye	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable			r Disposal Applicable)	Daily Loads	Daily Weight (tons)*
N/A								
*On-Site scale for off-site shipm	l nent. deliverv t	ticket for mater	ial received					
Visitors to Site								
Visitors to Site Name			Representing	9		Entered Ex	clusion/CF	Z Zone
			Representing	g		Entered Ex	clusion/CF	Z Zone
Name			Representing	9	Y			Z Zone
Name			Representing	9	Y Y	es	No	Z Zone
Name			Representing	g	Y Y Y	es es es	No No No	Z Zone
N/A			Representing	g	Y Y Y	es es	No No	Z Zone
Name N/A Site Representatives				-	Y Y Y	es es es	No No No	RZ Zone
Name N/A Site Representatives Name			Represe	enting	Y Y Y Y	es es es	No No No	Z Zone
Name N/A Site Representatives	custodian		Represe	-	Y Y Y Y	es es es	No No No	Z Zone
Name N/A Site Representatives Name	custodian		Represe	enting	Y Y Y Y	es es es	No No No	Z Zone
Name N/A Site Representatives Name	custodian		Represe	enting	Y Y Y Y	es es es	No No No	2 Zone
Name N/A Site Representatives Name Beach Street Middle School			Represe	enting	Y Y Y Y	es es es	No No No	Z Zone
Name N/A Site Representatives Name Beach Street Middle School Project Schedule Comm EA plans to start work on logged, will be sampled for been signed by Captree	<b>nents</b> 05/08/2024 or groundwa	ater in the n	Represe Beach S ach Street Middl	enting treet Middl le School nesday, M	Property lay 8. On	es es es . ISB-D2 l ce access	No No No No	s been
Name         N/A         Site Representatives         Name         Beach Street Middle School         Project Schedule Comm         EA plans to start work on logged, will be sampled for	<b>nents</b> 05/08/2024 or groundwa	ater in the n	Represe Beach S ach Street Middl	enting treet Middl le School nesday, M	Property lay 8. On	es es es . ISB-D2 l ce access	No No No No	s been
Name N/A Site Representatives Name Beach Street Middle School Project Schedule Comm EA plans to start work on logged, will be sampled for been signed by Captree	<b>nents</b> 05/08/2024 or groundwa	ater in the n	Represe Beach S ach Street Middl	enting treet Middl le School nesday, M	Property lay 8. On	es es es . ISB-D2 l ce access	No No No No	s been
N/A         Site Representatives         Name         Beach Street Middle School         Project Schedule Comm         EA plans to start work on         logged, will be sampled for         been signed by Captree         Issues Pending	nents 05/08/2024 or groundw Plaza & Sto	ater in the n op and Shop	Ach Street Middl norning of Wedn Plaza, work wil	enting treet Middl le School nesday, M	Property lay 8. On	es es es . ISB-D2 l ce access	No No No No	s been
N/A         Site Representatives         Name         Beach Street Middle School         Project Schedule Comm         EA plans to start work on         logged, will be sampled for         been signed by Captree         Issues Pending         None.	nents 05/08/2024 or groundw Plaza & Sto Property (	ater in the n op and Shop Dwners, Me	Represe Beach Si Beach Si ach Street Middl norning of Wedn Plaza, work wil	enting treet Middl le School nesday, M I begin or	Property lay 8. On n transec	es es es . ISB-D2 l ce access ts A, B, an	No No No No ocation has agreement of C.	s been hts have





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

Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

Photos attached in separate photo log.

Date: 05/07/2024
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Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 001 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes □	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🗵	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🖂	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



#### DAILY INSPECTION REPORT - No. 001 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes 🗆	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology





Drilling subcontractor, LAWES, prepares to mobilize the Geoprobe to transect D locations using mats to protect the ball field grass.



EA collecting unfiltered in-situ groundwater grab sample at sampling location ISB-D3.



Unfiltered (left) and filtered (right) groundwater samples from ISB-D3 sampling location.





Geoprobe storage area in corner of Beach Street Middle School ball field.



NYSDEC Division of Environmo		٢	NEW YORK STATE OF OPPORTUNITY	Departm Environm Conserva	nental	Contract N DEC PM – Ja Engineer PM	mes Krueo – Hilary W	/illiams
	•		-			Engineer Ins	o. – L. Bac	kman-
Concret Decorintian	Weather Co	- I - I - I - I - I - I - I - I - I - I			DM	Lowe		
General Description	Cloudy 57°F	AM AM	Cloudy 68°F	'	PM PM			
Temperature Wind	4 mph S	AM	7 mph	\$	PM			
Health & Safety		<u> </u>	<u> </u>					
If any box below is Were there any change				inder "He	ealth 8	Safety Com	ments". No X	NA
Were there any exceed				d on this d	ato?	*Yes	No	NA X
Were there any nuisand	•		•			*Yes	No X	NA
Health & Safety Cor	-	oserved o	in this date?			res	INO A	INA
Summary of Work F (0615) EA onsite (0620) LAWES onsite, 1		rrived at			De	eparted Site:	1500	
(0655) Mobilize Geopro (0710) Decontaminate 3 (0720) Begin advancing (0745) Begin purging fo (0810) Collect sample I (0820) Rods and tubing (0825) Begin purging fo (0827) Purge stopped, (0920) Resume purging (0930) Collect GW sam (0935) Pull up rods and (0940) Begin purging fo (0955) Collect sample I (1000) Pull up rods and (1010) Begin purging fo (1025) Collect GW sam (1030) Break down Geo (1045) LAWES begins I (1055) LAWES begins I (1055) LAWES begins I (1326) Boring ISB-D1 d (1330) Collect GW sam (1333) Pull rods and tul (1335) Begin purging fo (1340) Collect GW sam (1342) Pull up rods and (1346) Begin purging fo (1355) Collect GW sam (1358) Pull rods and tul (1358) Pull rods and tul	SP16 screen for EQ g SP-16 rods to 45' k or sample ISB-D2-G' SB-D2-GW-41-45 for y pulled up to 45' bgs or sample ISB-D2-G' rig turned off due to g for sample ISB-D2-G' ple ISB-D2-31-35 for tubing to 25' bgs or sample ISB-D2-21 SB-D2-21-25 for TA tubing to 15' bgs or sample ISB-D2-11 species SB-D2-11-15 for porobe rig and mobil hand-clearing ISB-D1 b line ISB-D1-41-45 for por sample ISB-D1-41 uple ISB-D1-41-45 for poing up to 35' bgs or sample ISB-D1-31 uple ISB-D1-31-35 for tubing to 25' bgs or sample ISB-D1-21	B-1, for 05 ogs, collec N-41-45 or TAL me S N-31-35 thunder, v -GW-31-3 or TAL me -25 L metals ( -15 r TAL me ize to IDE 1 boring hole et 5' and b -45 for TA r TAL me -35 r TAL me -25	et EQB-1 tals (total and d will resume 30 r 5 tals (total and d (total and dissol tals (total and d B-D1 location hole egin advancing AL metals (total tals (total and d tals (total and d	ninutes afte issolved) ved) issolved) ISB-16 sa and dissolv issolved) issolved)	mpler to ved)	strike		



#### DAILY INSPECTION REPORT - No. 003 Dzus Fastener OU 1- 6 SM, Site No. 152033

Equipment/Material Tra If any box below is che		, provide e	explanation	under "M	aterial Tr	acking Con	nments".		
Were there any vehicles wh	ich did not di	splay proper	D.O.T numbe	ers and plac	cards?	*Yes	No X	NA	
Were there any vehicles wh						* Yes	No	NA	Х
Were there any vehicles wh			ated prior to e	xiting the w	ork site?	* Yes	No	NA	х
Personnel and Equipme	ent								
Individual		Со	mpany		Trac	le	Total	Hours	
Lincoln Backman-Low	e		EA		Scien	tist	8.	75	
Matt Boyle			EA		Scien		8.		
Scott Pederson Kevin McGourty			WES		Drille Drille		8.		
Kevin McGourty		LP	AVVES		Dhill	el	0.	15	
Equipment Description	on		Contractor	/Vendor		Quantity	Us	ed	
Dodge RAM			Enterp	rise		1	Ye	es	
Geoprobe			LAWE			1		es	
Box Truck			LAWE			2		es	
Water Level Meter Horiba U-52			Pine Pine			1	Ye	es e	
10104 0-32			1 1110	,		1		55	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste P (If Applic			e or Disposal (If Applicable)	Daily Loads	Dai Weig (ton	ght
N/A									
*On-Site scale for off-site shipn	oent delivervti	cket for mater	ial received						
Equipment/Material Track None.	ing Commer	nts:							
Visitors to Site		1							
Name			Represe	nting		Entered Ex	clusion/CF	RZ Zor	ıe
N/A						Yes	No		
						Yes	No		
						Yes	No		
						Yes	No		
Site Representatives									
Name			Rep	resenting					
N/A									
Project Schodule Com	nonte		<u> </u>						
Project Schedule Comr EA plans to continue wor agreements have been s and C.	k on 05/09/2							A, B,	



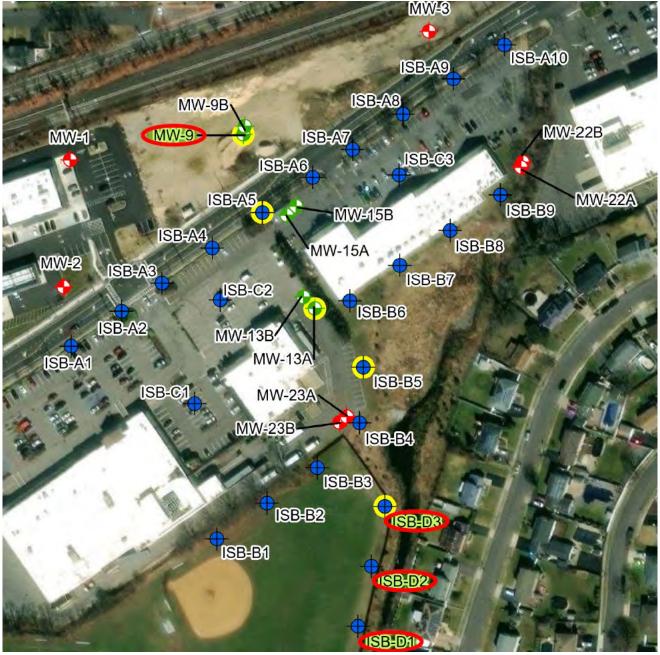
#### **Issues Pending**

None.

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

Photos attached in separate photo log.

1
Date: 05/08/2024
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Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 003 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			



#### DAILY INSPECTION REPORT - No. 003 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes 🗆	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes 🗆	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes 🗆	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes 🗆	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology





Geoprobe rig set up to drill borehole at ISB-D1 location.



Drill cuttings from ISB-D1 soil boring, different colored sands.

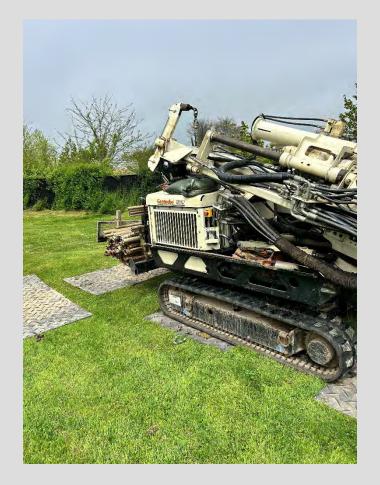




SP16 in-situ groundwater sampling set up on Geoprobe rig.



NYSDEC Site 152033; EA Project No. 1602515



Geoprobe rig being moved on mats to preserve middle school ball field grass.



NYSDEC Site 152033; EA Project No. 1602515

Site Location: Wes	nental Remediat	ion 2	STATE OPPOR	<b>/ YORK</b> OF RTUNITY	Departm Environm Conserva	nental	Engineer I	James Kru PM – Hilary	William	
	Weather	· Conditior	16				•	Insp. – L. B	ackman	-
General Description	Cloudy	AM		Cloudy		PM	Lowe			
Temperature	57°F	AM		68°F		PM				
Wind	4 mph S	AM		4 mph §	3	PM				
Health & Safety If any box below i	<u> </u>	<u>I</u> I		<u> </u>			k Safety Co	omments'	,	
Were there any chang							*Yes	No X	NA	
Were there any excee	dances of the peri	imeter air m	onitorina r	reported	d on this da	ate?	*Yes	No	NA	Х
	•		•	•			*Yes	No X	NA	
Were there any nuisar Health & Safety Co	•	ulonselved	on this da	aie (			165		NA	
Tailgate safety meetir safety; slips, trips, and Summary of Work	falls; dehydration			0615			eparted Site			
(0710) Mobilize Geop (0715) LAWES begins (0730) Decontaminate (0745) LAWES begins	s hand-clearing ISE	B-B3 boreho	ble							
(0915) Boring at ISB-I (0940) Geoprobe offs (0950) SP-16 screen (1005) Begin purging (1020) Collect GW sa (1027) Pull up rods ar (1032) Begin purging (1040) Collect GW sa (1050) Pull rods and t (1100) Begin purging (1110) Collect GW sa (1115) Pull rods and t (1118) Begin purging (1133) Collect GW sa (1145) Pull up rods ar (1200) Begin hand-cle (1215) LAWES begins (1335) ISB-B2 boring (1350) Collect EQB-3 (1352) Break down dr (1415) Mobilize to dru (1430) EA and LAWE Equipment/Materia	advancing ISB-B advanced to 40 at 5' to begin adva advanced to 45' bg for sample ISB-B3 mple ISB-B3-GW- id tubing to 35' bg for sample ISB-B3 mple ISB-B3-GW- ubing up to 25' bg for sample ISB-B3 mple ISB-B3-GW- ubing up to 15' bg for sample ISB-B3 mple ISB-B3-GW- id break down rig, advancing ISB-B2 boring advanced to 40' bg ill rig and move to m staging area to <u>S offsite</u>	3 borehole v 3 borehole v 9 bgs -GW-41-45 41-45 for TA s -GW-31-35 31-35 for TA s -GW-21-25 21-25 for TA s -GW-21-25 11-15 for TA mobilize to ng to 5' bgs 2 boring with gs corner of ba transfer IDV	2B-2 with Geop 5 AL metals AL metals AL metals ISB-B2 lo h Geoprot all field V to drum	(total a (total a (total a (total a cation be	nd dissolve	ed) ed) ed) spli				
(0915) Boring at ISB-I (0940) Geoprobe offs (0950) SP-16 screen (1005) Begin purging (1020) Collect GW sa (1027) Pull up rods ar (1032) Begin purging (1040) Collect GW sa (1050) Pull rods and t (1100) Begin purging (1110) Collect GW sa (1115) Pull rods and t (1118) Begin purging (1133) Collect GW sa (1145) Pull up rods ar (1200) Begin hand-cle (1215) LAWES begins (1335) ISB-B2 boring (1350) Collect EQB-3 (1352) Break down dr (1415) Mobilize to dru (1430) EA and LAWE Equipment/Materia If any box below is	advancing ISB-B advanced to 40 advanced to 45' bg for sample ISB-B3 mple ISB-B3-GW d tubing to 35' bg for sample ISB-B3-GW ubing up to 25' bg for sample ISB-B3-GW ubing up to 25' bg for sample ISB-B3-GW ubing up to 15' bg for sample ISB-B3-GW ubing ISB-B3-GW id break down rig, aring ISB-B2 boring advancing ISB-B2 advanced to 40' bg ill rig and move to m staging area to S offsite a checked "Yes'	3 borehole v 3 borehole v 9 bgs -GW-41-45 41-45 for TA 8 -GW-31-35 31-35 for TA 8 -GW-21-25 21-25 for TA 8 -GW-21-25 11-15 for TA mobilize to ng to 5' bgs 2 boring with gs corner of ba transfer IDV <b>", provide</b>	2B-2 with Geop 6 AL metals AL metals AL metals AL metals ISB-B2 lo h Geoprot all field V to drum	(total a (total a (total a (total a cation be	nd dissolve nd dissolve nd dissolve	ed) ed) ed) spli	Tracking (		5".	
(0915) Boring at ISB-I (0940) Geoprobe offs (0950) SP-16 screen (1005) Begin purging (1020) Collect GW sa (1027) Pull up rods ar (1032) Begin purging (1040) Collect GW sa (1050) Pull rods and t (1100) Begin purging (1110) Collect GW sa (1115) Pull rods and t (1118) Begin purging (1133) Collect GW sa (1145) Pull up rods ar (1200) Begin hand-cle (1215) LAWES begins (1335) ISB-B2 boring (1350) Collect EQB-3 (1352) Break down dr (1415) Mobilize to dru (1430) EA and LAWE Equipment/Materia	advancing ISB-B advanced to 40 advanced to 45' bg for sample ISB-B3 mple ISB-B3-GW d tubing to 35' bg for sample ISB-B3-GW ubing up to 25' bg for sample ISB-B3-GW ubing up to 25' bg for sample ISB-B3-GW ubing up to 15' bg for sample ISB-B3-GW d break down rig, advanced to 40' bg advanced to 40' bg ill rig and move to m staging area to <u>S offsite</u> a checked "Yes' es which did not d	3 borehole v 3	2B-2 with Geop 6 AL metals AL metals AL metals AL metals ISB-B2 lo h Geoprot all field V to drum	(total a (total a (total a (total a cation be	nd dissolve nd dissolve nd dissolve	ed) ed) ed) spli				x



#### DAILY INSPECTION REPORT - No. 004 Dzus Fastener OU 1- 6 SM, Site No. 152033

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Personnel and Equipm	nent							
Individual		Со	mpany		Trade		Total Hours	
Lincoln Backman-Lov	we		EA		Scientist		8.	0
Matt Boyle			EA		Scientist		8.	0
Scott Pederson			WES		Driller		8.	0
Carl Pederson		LA	WES		Driller		8.0	
Equipment Descript	ion		Contractor/Vend	dor		Quantity	Use	ed
Dodge RAM			Enterprise			1	Ye	S
Geoprobe			LAWES			1	Yes	
Box Truck			LAWES			2	Ye	
Water Level Meter			Pine			1	Ye	
Horiba U-52			Pine			1	Ye	S
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable	-	Source or Facility (If /		Daily Loads	Daily Weight (tons)*
N/A								(10110)
*On-Site scale for off-site ship	ment. deliverv	ticket for mater	ial received				<u> </u>	
Visitors to Site								
Visitors to Site Name			Representing	a	E	Entered Excl	lusion/CR	Z Zone
Name			Representing	9		Entered Excl	1	Z Zone
Name			Representing	g	Ye	es	No	Z Zone
Name			Representing	g	Ye Ye	es es	No No	Z Zone
Name			Representing	9	Ye Ye Ye	es es es	No No No	Z Zone
N/A			Representing	g	Ye Ye	es es es	No No	Z Zone
N/A N/A Site Representatives					Ye Ye Ye	es es es	No No No	Z Zone
Name N/A Site Representatives Name			Representing Representing		Ye Ye Ye	es es es	No No No	Z Zone
Name N/A Site Representatives Name					Ye Ye Ye	es es es	No No No	Z Zone
					Ye Ye Ye	es es es	No No No	Z Zone
Name N/A Site Representatives Name N/A Project Schedule Com			Represe	enting	Ye Ye Ye	25 25 25 25	No No No	
Name N/A Site Representatives Name N/A	on 05/10/202		Represe ach Street Midd	enting le Schoo	Ve Ye Ye Ve	es es es es es . Once acce	No No No No	
Name         N/A         Site Representatives         Name         N/A         Project Schedule Com         EA plans to finish work of have been signed by Ca	on 05/10/202		Represe ach Street Midd	enting le Schoo	Ve Ye Ye Ve	es es es es es . Once acce	No No No No	
Name         N/A         Site Representatives         Name         N/A         Project Schedule Com         EA plans to finish work of	on 05/10/202		Represe ach Street Midd	enting le Schoo	Ve Ye Ye Ve	es es es es es . Once acce	No No No No	
Name N/A Site Representatives Name N/A Project Schedule Com EA plans to finish work o have been signed by Ca Issues Pending None.	on 05/10/202 ptree Plaza	& Stop and	ach Street Middl Shop Plaza, wo	enting le Schoo	Ve Ye Ye Ve	es es es es es . Once acce	No No No No	
Name N/A Site Representatives Name N/A Project Schedule Com EA plans to finish work o have been signed by Ca Issues Pending	on 05/10/202 ptree Plaza	& Stop and	ach Street Middl Shop Plaza, wo	enting le Schoo	Ve Ye Ye Ve	es es es es es . Once acce	No No No No	





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

Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

Photos attached in separate photo log.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/09/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 004 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



#### DAILY INSPECTION REPORT - No. 004 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes 🗆	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes 🗆	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology





Drilling subcontractor (LAWES) hand-clearing ISB-B3 boring prior to drilling.



5-10' bgs section of soil boring at ISB-B3 location.



Tracking the Geoprobe rig on mats to ISB-B2 boring location.



20-25' bgs section of soil boring at ISB-B2 boring location.



NYSDEC Site 152033; EA Project No. 1602515

	IYSDEC Division of Environmental Remediation				nental	Contract No DEC PM – Jar Engineer PM	nes Krueç		5
	•	Condition				Engineer Insp	o. – L. Bac	kman-	
General Description	Rain	AM		Rain	PM	Lowe			
Temperature	57°F	AM		61°F	PM				
Wind	4 mph S	AM		mph S	PM				
Health & Safety If any box below is	checked "Yes	". provide			ealth &	Safety Com	ments".		
Were there any change						*Yes	No X	NA	
Were there any exceed				ported on this d	late?	*Yes	No	NA	Х
Were there any nuisan	•		•	•		*Yes	No X	NA	-
Health & Safety Co		., 0.001 / 00				.00		1.01	
Tailgate safety meeting safety; slips, trips, and	falls; dehydration						-	equipm	
Summary of Work F (0620) EA onsite.	Performed	Arrived a	t site:	0620	D	eparted Site:	1400		
(0735) Begin advancing (0745) SP16 set at 45' (0755) Begin purging fo (0810) Collect GW sam (0815) Pull up rods and (0818) Begin purging fo (0825) Collect GW sam (0830) Pull up rods and (0835) Begin purging fo (0840) Collect GW sam (0842) Pull up rods and (0850) Begin purging fo (0900) Collect GW sam (0905) Break down Ge (0915) LAWES begins (10915) LAWES begins (1120) Begin advancing (1135) Begin purging fo (1145) Collect GW sam (1147) Pull up rods and (1150) Begin purging fo (1200) Collect GW sam (1202) Pull up rods and (1205) Begin purging fo (1215) Collect GW sam (1217) Pull up rods and (1217) Pull up rods and	bgs. br sample ISB-B2 piple ISB-B2-GW-4 d tubing to 35' bgs or sample ISB-B2 piple ISB-B2-GW-3 d tubing to 25' bgs or sample ISB-B2-GW-4 d tubing to 15' bgs or sample ISB-B2-GW-4 oprobe rig and mo hand-clearing ISB-B4 ng advanced to 4 g SP16 to 45' bgs or sample ISB-B1 piple ISB-B1-GW-4 d tubing to 35' bgs or sample ISB-B1	-GW-41-45. 41-45 for TA -GW-31-35. 31-35 for TA -GW-21-25. 21-25 for TA -GW-11-15. 11-15 for TA obilize to IS 3-B1 soil boring 0' bgs. Colle -GW-41-45. 41-45 for TA -GW-31-35. 31-35 for TA	L Metals (t L Metals (t L Metals (t B-B1 locatio ring. with Geop ect Equipme	otal & dissolved otal & dissolved otal & dissolved on. robe. ent Blank-4. otal & dissolved	i). i). i).				



#### DAILY INSPECTION REPORT - No. 005 Dzus Fastener OU 1- 6 SM, Site No. 152033

Equipment/Material Tra If any box below is che		', provide e	xplanation un	der "Material T	racking C	omm	ents".		
Were there any vehicles wh	nich did not di	splay proper	D.O.T numbers a	and placards?	*Yes	N	οХ	NA	
Were there any vehicles wh	nich were not	tarped?		· · ·	* Yes	N	0	NA	Х
Were there any vehicles wh	nich were not	decontamina	ted prior to exitin	g the work site?	* Yes	N	0	NA	х
Personnel and Equipm	ent				-		÷		
Individual		Cor	npany	Tra	de		Total	Hours	
Lincoln Backman-Low	/e		EA	Scier			8.		
Matt Boyle Scott Pederson			EA WES	Scier Drill			8.		
Carl Pederson			WES	Drill	-		<u> </u>		
Gailleada		LA	WEG	Dim			0.	0	
Equipment Description	on		Contractor/Ven	dor	Quant	ity	Us	ed	
Dodge RAM			Enterprise		1		Ye		
Geoprobe			LAWES		1		Ye		
Box Truck Water Level Meter			LAWES Pine		2		Ye Ye		
Horiba U-52			Pine		1		Ye		
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profi (If Applicabl		e or Disposal (If Applicable)		Daily Loads	Da Wei (tor	ght
N/A									
Equipment/Material Track None.	ing Commer	nts:							
Visitors to Site		1			T				
Name			Representin	g	Entered	I Excl	usion/CF	Z Zo	ne
N/A					Yes		No		
					Yes		No		
					Yes		No		
					Yes		No		
Site Representatives									
Name			Represe	enting					
N/A									
Project Schedule Comr	nents		<u> </u>						
EA plans to continue GW Shop plaza parking lot.		next week, s	starting Monday	r, May 13. Work	will be do	ne in	the Stop	&	



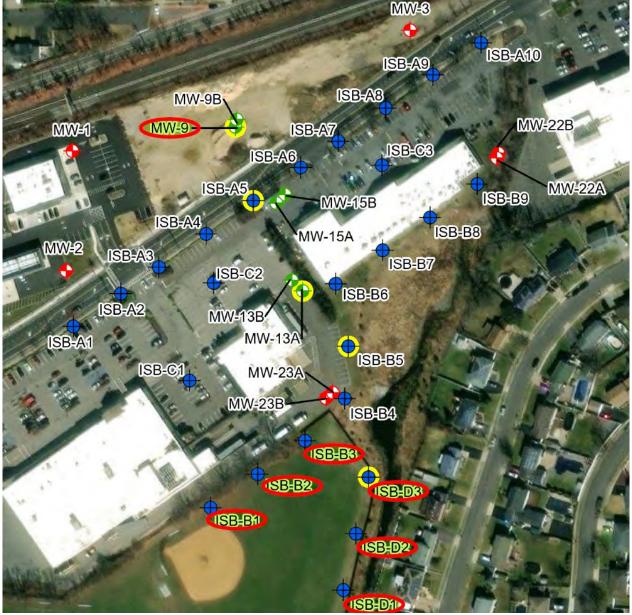
201122	Pending	
issues	I CIIUIIU	

None.

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

No photos attached.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/10/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 005 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



#### DAILY INSPECTION REPORT - No. 005 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes 🗆	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			•
None.			

* BART – Best Available Retrofit Technology



NYSDEC Division of Environme Site Location: West	onmental Remediation Vest Islip, NY			Villiams					
				Engineer Insp. – L. Backman- Lowe					
General Description	Sunny	AM		Cloudy	PM	Lowe			
Temperature	55°F	AM		°F	PM				
Wind	7 mph S	AM		oh S	PM				
Health & Safety If any box below is	<u>.</u>	", provide			ealth a	& Safety Com	nments".		
If any box below is checked "Yes", provide explanation under "Health & Were there any changes to the Health & Safety Plan?					*Yes	No X	NA		
Were there any exceed		•		rted on this d	late?	*Yes	No	NA	Х
Were there any nuisand	•		•		ato.	*Yes	No X	NA	~
Health & Safety Cor	•	a, observed	on uno uale !			163		TN/A	
Summary of Work F (0650) EA and LAWES	Performed	Arrived a		50	D	eparted Site:	1630		
(0830) LAWES begins a (0915) Rig off for maint (0918) Rig on, continue (0955) ISB-B4 boring a (1005) Rig stepped out (1030) Begin purging fo (1040) Collect GW sam (1045) Pull up rods and (1055) Begin purging fo (1105) Collect GW sam (1108) Pull up rods and (1120) Collect GW sam (1120) Collect GW sam (1125) Pull up rods and (1130) Begin purging fo (1145) Collect GW sam (1150) LAWES backfills (1205) EA begins therm (1225) LAWES begins a (1250) Collect soil sam (1255) LAWES begins a (1415) LAWES begins a (1415) LAWES begins a (1415) LAWES begins a (1530) Boring ISB-A4 a (1545) LAWES backfills (1555) LAWES backfills (1555) LAWES backfills (1555) LAWES backfills	enance. e drilling. dvanced to 40' bg 5', begin advancii pr sample ISB-B4- ople for ISB-B4-GV tubing to 35' bgs pr sample ISB-B4-GV tubing to 25' bgs pr sample ISB-B4-GV tubing to 15' bgs pr sample ISB-B4-GV s ISB-B4, breaks of haldrone survey, I advancing ISB-B4-GV s ISB-B4, breaks of haldrone survey, I advancing ISB-B5-SO-7-4 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 ple ISB-B5-SO-7-7 s ISB-A4 soil borin up equipment, tran- offsite. <b>Tracking</b>	IS. Ing SP16 sa GW-41-45 W-41-45 for GW-31-35 W-31-35 for W-21-25 W-21-25 W-21-25 for W-21-25 for CW-11-15 W-11-15 for CW-11-15 for CW-11-15 for CW-11-15 Solven rig an CAWES be 5 boring with 8 for TAL m 7-18 for TAL oreakdown of sphalt at ISI S-A4 boring With Geop I with Geop I with Geop I with Geop	Ampler to 45' I TAL metals TAL metals TAL metals TAL metals d mobilizes to gins hand-cle n Geoprobe. netals, TOC, a metals, TOC, a metals, TOC Geoprobe rig, 3-A4 location. location. robe. ches asphalt e to drums.	ogs. (total & dissol (total & dissol (total & dissol o ISB-B5 loca aring ISB-B5 and grain-size C, and grain-size mobilize to I	lved). lved). tion. locatio e. sB-A lo				
If any box below is		nrovido	ovulguation						
							-		
Were there any vehicles Were there any vehicles	s which did not dis	splay prope				Tracking Co *Yes * Yes	mments' No X No	NA	X



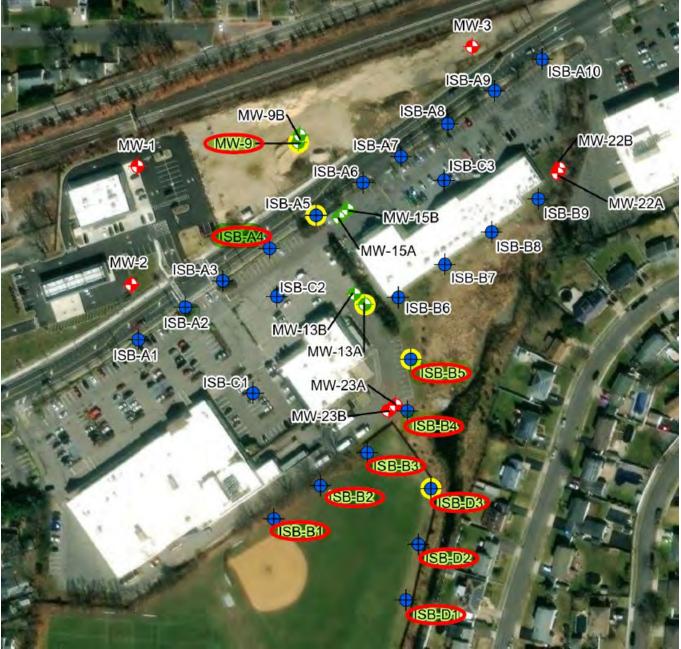
#### DAILY INSPECTION REPORT - No. 006 Dzus Fastener OU 1- 6 SM, Site No. 152033

Personnel and Equipn	nent			<u>+</u>			
		Con	nany	Trade		Total	Hours
Lincoln Backman-Lowe		Company EA		Scienti	9.5		
Hank McCormick	NC	EA		Geologist		9.5	
Jacob Guy		EA		Geologist		1.0	
Kevin McCourt		LAWES LAWES		Driller		9.5 9.5	
Jason Neuhaus				Driller Ouoptitu		Used	
Equipment Description			Contractor/Vend	lor	Quantity		
Dodge RAM Geoprobe			Enterprise LAWES		1	Ye	
Box Truck			LAWES		2	Ye	
Water Level Meter			Pine		1	Yes	
Horiba U-52	0.00		Pine EA		1	Yes Yest	
Drone w/Thermal Can	leia		EA		1	re	si
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable	0000100	or Disposal If Applicable)	Daily Loads	Daily Weight (tons)*
N/A							
On-Site scale for off-site ship	ment, delivery t	icket for materi	al received				
Equipment/Material Trac	king Comme	nts:					
Equipment/Material Trac None. Visitors to Site	king Comme	nts:					
Equipment/Material Trac None. <u>Visitors to Site</u> Name	king Comme	nts:	Representing	-	Entered Ex		Z Zone
Equipment/Material Trac None. <u>Visitors to Site</u> Name	king Comme	nts:	Representing	-	Entered Ex Yes	clusion/CF	Z Zone
Equipment/Material Trac None. <u>Visitors to Site</u> Name	king Comme	nts:	Representing				Z Zone
Equipment/Material Trac None. <u>Visitors to Site</u> Name	king Comme	nts:	Representing		Yes Yes	No	Z Zone
Equipment/Material Trac None. /isitors to Site Name	king Comme	nts:	Representing		Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site Name	king Comme	nts:	Representing		Yes Yes	No No	Z Zone
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives	king Comme	nts:	Representing		Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives Name	king Comme	nts:			Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site	king Comme	nts:			Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site N/A N/A Site Representatives Name	king Comme	nts:			Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives Name N/A		nts:			Yes Yes Yes	No No No	Z Zone
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives Name N/A Project Schedule Com	ments		Represe	nting	Yes Yes Yes	No No No	
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives Name N/A Project Schedule Com	ments		Represe	nting	Yes Yes Yes	No No No	
Equipment/Material Trac None. Visitors to Site Name V/A Site Representatives Name N/A Project Schedule Com EA plans to continue GN	ments		Represe	nting	Yes Yes Yes	No No No	
Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives Name N/A	ments		Represe	nting	Yes Yes Yes	No No No	
Equipment/Material Trac None. Visitors to Site Name V/A Site Representatives Name V/A Project Schedule Com EA plans to continue GN ssues Pending	ments		Represe	nting	Yes Yes Yes	No No No	



Interaction with Public, Property Owners, Media, etc.

None.



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

Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

Photo log attached.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/14/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 006 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🛛	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?		No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 006 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes 🗆	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes 🗆	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes 🗆	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes 🗆	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes 🗆	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes 🗆	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology





Large rip rap pile and sandy silt from top 5' of ISB-B4 boring.



NYSDEC Site 152033; EA Project No. 1602515



EA-operated thermal drone, preparing to collect imagery from Willetts Creek.



EA-operated thermal drone, flying over Willetts Creek.





LAWES decontaminating drilling steel.



LAWES coring through asphalt at ISB-A4 Location.





ISB-B5 5-10' bgs.



ISB-B5 7-8' bgs, saturated organic peat-like Material.



NYSDEC Division of Environme Site Location: West		ion 🖉	STATE OF OPPORTUNIT	RK Departm Environn Conserva	nental	Contract No DEC PM – Jan Engineer PM -	nes Krueç	•
	Engineer Insp	. – L. Bac	kman-					
General Description	Rain	Condition AM		ain	PM	Lowe		
Temperature	55°F	AM		5°F	PM			
Wind	7 mph E	AM	13 m	nph E	PM			
Health & Safety If any box below is	checked "Yes	a" provide	explanatio	on under "He	alth 8	Safety Comr	nents".	
Were there any change						*Yes	No X	NA
Were there any exceed	ances of the peri	imeter air mo	nitoring repo	orted on this da	ate?	*Yes	No	NA 2
Were there any nuisand	e issues reporte	d/observed c	on this date?	1		*Yes	No X	NA
Health & Safety Con	nments					· ·		
Tailgate safety meeting safety; slips, trips, and f	alls; dehydration	).						equipme
Summary of Work P	erformed	Arrived at	site: 06	630	D	eparted Site:	1625	
(0635) Clear out and co (0640) Calibrate Horiba (0700) LAWES onsite, t (0735) Begin advancing (0810) Begin purging fo (0820) Collect GW sam (0825) Pull up rods and	U-52 begin unloading SP16 sampler t r sample ISB-A4 ple ISB-A4-GW-	equipment, n to 45' bgs. I-GW-41-45. 41-45 for TAl			).	·		



Summary of work continue (1500) Begin purging for si (1510) Collect sample ISB (1510) Pull up rods and tul (1515) Begin purging for si (1525) Collect sample ISB TOC, split sample with ISE (1537) Pull up rods and tul (1540) Begin purging for si (1550) Collect sample ISB (1555) Pull up SP16, pack (1625) Collect EQB-6, tran Equipment/Material Tr	ample ISB-A5 -A5-GW-31-3 - oing to 25' bg ample ISB-A5 -A5-GW-FD-02-0 oing to 15' bg ample ISB-A5 -A5-GW-11-1 equipment, d sfer IDW to d	5 for TAL me s. -GW-21-25. 5 for TAL me 05152024. s. -GW-11-15. 5 for TAL me econtaminate	tals (total & dissol tals (total & dissol SP16 for blank s	ved), sulfate, nit	rite/nitrate, an	d					
If any box below is che	ecked "Yes'	", provide e	xplanation und	ler "Material T	racking Co	mments".					
Were there any vehicles w			D.O.T numbers a	ind placards?	*Yes	No X	NA				
Were there any vehicles w					* Yes	No	NA	Х			
Were there any vehicles w	hich were not	decontamina	ated prior to exiting	g the work site?	* Yes	No	NA	Х			
Personnel and Equipm	nent										
Individual		Со	npany	Tra	de	Tota	I Hours	3			
Lincoln Backman-Lo	we		EA	Scie	ntist		10				
Hank McCormick			EA		ogist		10				
Kevin McCourt			WES	Dri Dri			9.5				
Jason Neuhaus		LA	WE3		liei		9.5				
Equipment Descript	ion		Contractor/Ven	dor	Quantity	ν L	Used				
Dodge RAM			Enterprise		1		Yes				
Geoprobe Box Truck			LAWES LAWES		2		Yes				
Water Level Meter			Pine		1		<u>Yes</u> Yes				
Horiba U-52			Pine		1		Yes				
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable		ce or Disposal y (If Applicable		We	aily eight ns)*			
N/A								-7			
							_				
*On-Site scale for off-site ship	ment delivervi	ticket for mater	ial received								
Equipment/Material Trac None.	king Comme	nts:									
Visitors to Site			<b>.</b>								
Name			Representing	9		xclusion/C	KZ 20	ne			
N/A					Yes	No					
					Yes Yes	No No					



### DAILY INSPECTION REPORT - No. 007 Dzus Fastener OU 1- 6 SM, Site No. 152033

Site Representatives						
Name	Representing					
N/A						
Project Schedule Comments						
EA plans to continue GW PDI work tomorrow on transe	ects A and B in the Stop & Shop Plaza parking lot.					
Issues Pending						
None.						
Interaction with Public, Property Owners, Media, etc.						
None.						

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

None.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/15/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 007 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🛛	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 007 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes 🗆	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			•
None.			

* BART – Best Available Retrofit Technology



NYSDEC Division of Environmental Remediation Site Location: West Islip, NY							f Contract No. DEC PM – James Kruegler – Engineer PM – Hilary Williams			
Site Location: West Islip, NY Weather Conditions							Engineer Ins	p. – L. Bao	kman-	
General Description	Rain	AM	15	Rain		PM	Lowe			
Temperature	60°F	AM		65°F		PM				
Wind	17 mph NE		1	5 mph l	NE	PM				
Health & Safety If any box below is	<u>.</u>	÷	-			ealth 8	& Safety Com	ments".		
Were there any change	s to the Health &	Safety Pla	n?				*Yes	No X	NA	
Were there any exceed	ances of the peri	meter air m	onitorina	reporte	d on this da	ate?	*Yes	No	NA	Х
Were there any nuisand	•		· ·	· ·			*Yes	No X	NA	-
Health & Safety Con	-	a, 00001 veu					103			
Tailgate safety meeting safety; slips, trips, and f	falls; dehydration	I		r					equipm	ent
Summary of Work P	<b>erformed</b>	Arrived a	it site:	0700	1	D	eparted Site:	1430		
Summary of Work PerformedArrived at site:0700Departed Site:1430(0700) EA and LAWES onsite(0710) Mobilize to ISB-85 location										
(0835) Begin purging fo (0845) Collect sample I (0850) Pull up rods and (0857) Begin purging fo (0910) Collect sample I (0912) Pack equipment (0935) LAWES begins a (100) ISB-A3 boring au Geoprobe to ISB-A1 (1140) LAWES begins a (1210) Rig off for maintu (1215) Rig on, continue (1225) Rig off for maintu (1245) Rig on, continue (1405) ISB-A1 soil borin (1410) Pack equipment	SB-B5-GW-31-3 tubing to 25' bgs or ISB-B5-GW-21 SB-B5-GW-21-25 tubing to 15' bgs or ISB-B5-GW-11- SB-B5-GW-11-15 t, mobilize Geopre hand-clearing ISE- advancing ISB-A3 dvanced to 40' bg hand-clearing ISE- advancing ISB-A3 enance. a drilling. enance. a drilling. ng advanced to 4 t, transfer IDW to	5 for TAL m s. -25. 5 for TAL m s. -15. 5 for TAL m obe to ISB-/ 3 boring wit gs, LAWES 3-A1 boring 1 boring wit 0' bgs, LAW	etals (tota etals (tota A3. h Geopro backfills l h Geopro	al & disa al & disa be. borehol be.	solved). solved). e, packs ed					
(0835) Begin purging fo (0845) Collect sample I (0850) Pull up rods and (0857) Begin purging fo (0910) Collect sample I (0912) Pack equipment (0935) LAWES begins I (0950) LAWES begins I (100) ISB-A3 boring au Geoprobe to ISB-A1 (1140) LAWES begins I (1145) LAWES begins I (1215) Rig off for maintu (1215) Rig on, continue (1225) Rig off for maintu (1245) Rig on, continue (1405) ISB-A1 soil borir (1410) Pack equipment	SB-B5-GW-31-38 I tubing to 25' bgs or ISB-B5-GW-21 SB-B5-GW-21-28 I tubing to 15' bgs or ISB-B5-GW-11 SB-B5-GW-11-18 t, mobilize Geopre hand-clearing ISE advancing ISB-A3 dvanced to 40' bg hand-clearing ISB-A3 enance. a drilling. enance. a drilling. enance. a drilling. enance to 4 t, transfer IDW to offsite.	5 for TAL m s. -25. 5 for TAL m s. -15. 5 for TAL m obe to ISB-/ 3 boring wit gs, LAWES 3-A1 boring 1 boring wit 0' bgs, LAW drums.	etals (tota A3. h Geopro backfills I h Geopro	al & disa al & disa be. borehol be.	solved). solved). e, packs ed	quipme	ent and mobilize	•		
(0835) Begin purging fo (0845) Collect sample I (0845) Collect sample I (0850) Pull up rods and (0857) Begin purging fo (0910) Collect sample I (0912) Pack equipment (0935) LAWES begins I (0950) LAWES begins I (0950) LAWES begins I (1100) ISB-A3 boring au Geoprobe to ISB-A1 (1140) LAWES begins I (1145) LAWES begins I (1145) LAWES begins I (1215) Rig on, continue (1225) Rig off for maintu (1215) Rig on, continue (1225) Rig off for maintu (1245) Rig on, continue (1405) ISB-A1 soil borir (1410) Pack equipment (1430) EA and LAWES <b>Equipment/Material</b>	SB-B5-GW-31-38 I tubing to 25' bgs or ISB-B5-GW-21 SB-B5-GW-21-28 I tubing to 15' bgs or ISB-B5-GW-11 SB-B5-GW-11-18 t, mobilize Geopre hand-clearing ISE advancing ISB-A3 dvanced to 40' bg hand-clearing ISE advancing ISB-A3 dvanced to 40' bg hand-clearing ISE advancing ISB-A3 dvanced to 40' bg hand-clearing ISE advanced to 40' bg hand-clearing ISE advanced to 40' bg hand-clearing ISE advanced to 40' bg hand-clearing ISE-A3 dvanced to 40' bg ha	5 for TAL m s. -25. 5 for TAL m s. -15. 5 for TAL m obe to ISB-, 3 for TAL m obe to ISB-, 3 boring wit gs, LAWES 3-A1 boring 1 boring wit 0' bgs, LAW drums.	etals (tota A3. h Geopro backfills I h Geopro VES back	al & diss al & diss be. borehol be. fills born	solved). solved). e, packs ed ehole. <b>nder "Ma</b>	quipme	ent and mobilize	•	- NA	



### DAILY INSPECTION REPORT - No. 008 Dzus Fastener OU 1- 6 SM, Site No. 152033

Were there any vehicles wh	nich were not	decontamina	ited pric	or to exiting	the work site		Yes	No	NA X	
Personnel and Equipm	ent					<u> </u>		<u></u>		
Individual		Con	npany		•	Frade		Total	Hours	
	Lincoln Backman-Lowe				S	cientist		7.5		
Hank McCormick		EA Geologis						7.5		
Kevin McCourt Jason Neuhaus			WES WES			Driller Driller		7.		
Jason Neuhaus		LA	WES			Julier		/.	5	
Equipment Description	on			ractor/Vend	or		Quantity	Us		
Dodge RAM			[	Enterprise			1	Ye		
Geoprobe Box Truck				LAWES LAWES			1 2	Ye Ye		
Water Level Meter				Pine			1	Ye		
Horiba U-52				Pine			1	Ye		
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable	_00		r Disposal Applicable)	Daily Loads	Daily Weight (tons)*	
N/A										
*On-Site scale for off-site shipr	nont dolivorut	iokot for motori		(ad						
Visitors to Site										
Name			Re	presenting	1		Entered Ex	clusion/CF	RZ Zone	
N/A					,		es	No		
						Y	es	No		
						Y	es	No		
						Y	es	No		
Site Representatives										
Name				Represe	nting					
N/A					-					
Project Schedule Comr	nents									
EA plans to continue GW		omorrow on	transe	ects A in t	ne Stop & S	hop P	laza parkir	ng lot.		



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

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

None.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/16/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 008 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			



### DAILY INSPECTION REPORT - No. 008 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes 🗆	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			•
None.			

* BART – Best Available Retrofit Technology



	YSDEC ivision of Environmental Remediation te Location: West Islip, NY							al DEC PM – James Kruegler Engineer PM – Hilary Williams					
	•	Condition				Engineer Ins	p. – L. Bac	kman-					
General Description	Weather Conditions         Lowe           eneral Description         Cloudy         AM         Cloudy         PM           emperature         56°F         AM         65°F         PM												
-				/	PM PM								
Wind	ind 6 mph NE AM 12 mph NE PM												
Health & Safety If any box below is	<u>.</u>	<u><u></u></u>	· · ·	<u>.</u>		Safety Com	ments".						
Were there any change						*Yes	No X	NA					
Were there any exceed	dances of the perin	neter air m	onitoring reporte	d on this da	te?	*Yes	No	NA	Х				
Were there any nuisan	•		• •			*Yes	No X	NA					
Health & Safety Cor	-					100		1.0.1					
Tailgate safety meeting safety; slips, trips, and	y held upon arrival		pics covered incl	uded: vehic	le trafi	fic; drilling safet	y & heavy	equipm	ient				
Summary of Work F	Performed	Arrived a	t site: 0640		D	eparted Site:	1430						
(0700) Mobilize Geopre (0720) Begin advancing (0740) Begin purging fo (0755) Collect sample (0800) Pull up rods & tu (0805) Begin purging fo (0810) Collect sample (0815) Pull up rods & tu (0820) Begin purging fo (0830) Collect sample (0833) Pull up rods & tu (0835) Begin purging fo (0845) Collect sample (0845) Collect sample (0850) Pull up remainin (0917) LAWES begins (1040) Boring ISB-A2 a (1055) Begin advancing (1125) Collect sample (1130) Pull up rods & tu (1132) Begin purging fo (1143) Pull up rods & tu (1143) Pull up rods & tu (1145) Begin purging fo (1155) Collect sample (1143) Pull up rods & tu (1145) Begin purging fo (1155) Collect sample (1156) Pull up rods & tu (1203) Begin purging fo (1210) Collect sample (1210) Collect sample (1210) Begin advancing (1210) Begin advancing (1210) Begin advancing (1250) Begin purging fo (1305) Collect sample	g SP16 sampler to or sample ISB-A3- ISB-A3-GW-41-45 ubing to 35' bgs. or sample ISB-A3- ISB-A3-GW-31-35 ubing to 25' bgs. or sample ISB-A3- ISB-A3-GW-21-25 ubing to 15' bgs. or sample ISB-A3- ISB-A3-GW-11-15 ng rods, pack equip hand-clearing ISB-A2- advanced to 40' bg g SP16 sampler to or sample ISB-A2- ISB-A2-GW-41-45 ubing to 35' bgs. or sample ISB-A2- ISB-A2-GW-31-35 ubing to 25' bgs. or sample ISB-A2- ISB-A2-GW-31-35 ubing to 15' bgs. or sample ISB-A2- ISB-A2-GW-21-25 ubing to 15' bgs. or sample ISB-A2- ISB-A2-GW-11-15 ng rods, pack equip g SP16 sampler to	6 45' bgs. GW-41-45 for TAL M GW-31-35 for TAL M GW-21-25 for TAL M GW-21-25 for TAL M GW-11-15 for TAL M pment, and -A2 soil boring soil boring soil boring soil boring soil boring soil boring for TAL M GW-31-35 for TAL M GW-21-25 for TAL M GW-21-25 for TAL M GW-11-15 for TAL M pment, mol o 45' bgs.	etals (total & dise etals (total & dise etals (total & dise etals (total & dise totals (total & dise mobilize to ISB- oring. g with Geoprobe. ords & backfill ho etals (total & dise etals (total & dise etals (total & dise totals (total & dise bilize to ISB-A1 I	solved). solved). A2 location le. solved). solved). solved).									



## DAILY INSPECTION REPORT - No. 009 Dzus Fastener OU 1- 6 SM, Site No. 152033

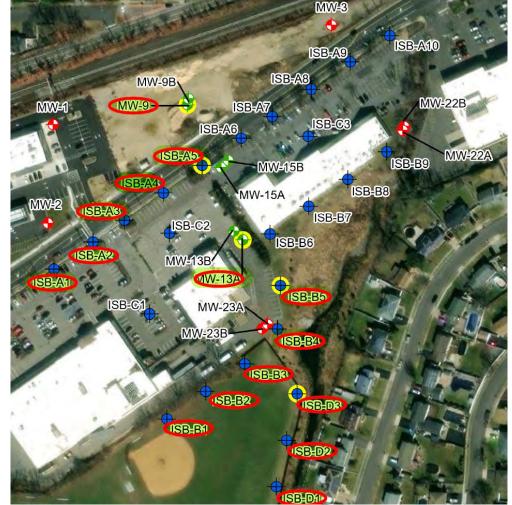
(1311) Begin purging for sa (1320) Collect sample ISB-/			tals (total & dissol	ved)			
(1323) Pull up rods & tubing (1328) Begin purging for sar (1340) Collect sample ISB-/ (1342) Pull up rods & tubing (1345) Begin purging for sar	mple ISB-A1 A1-GW-21-2 g to 15' bgs.	5 for TAL Me	tals (total & dissol	ved).			
(1355) Collect sample ISB-/ (1357) Pull up remaining roo (1410) Collect EQB-8. (1415) Pack equipment, tran (1430) EA & LAWES offsite	A1-GW-11-1 ds, decontar nsfer IDW to	5 for TAL Me minate SP16 s		ved).			
Equipment/Material Tra		", provide e	explanation und	ler "Material T	racking Co	mments".	
Were there any vehicles wh	ich did not d	lisplay proper	D.O.T numbers a	nd placards?	*Yes	No X	NA
Were there any vehicles wh				•	* Yes	No	NA X
Were there any vehicles wh	ich were not	t decontamina	ated prior to exiting	g the work site?	* Yes	No	NA X
Personnel and Equipme	ent					-	-
Individual			mpany	Tra			Hours
Lincoln Backman-Low Hank McCormick	e		EA EA	Scier Geolo			7.5 7.5
Kevin McCourt			WES	Dril			7.5
Jason Neuhaus			WES	Dril	ler		7.5
Equipment Description	on		Contractor/Ven	dor	Quantity	/ U	sed
Dodge RAM			Enterprise		1	,	/es
Geoprobe			LAWES		1		/es
Box Truck Water Level Meter			LAWES Pine		2		/es /es
Horiba U-52			Pine		1		res
		r i					-
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable		ce or Disposal / (If Applicable		Daily Weight (tons)*
N/A							
*On-Site scale for off-site shipn	nent, delivery	ticket for mater	ial received				
Equipment/Material Track	ing Comme	ents:					
None.							
Visitors to Site			Boprocontin		Entered		
Visitors to Site Name			Representing	9		Exclusion/C	RZ Zone
Visitors to Site			Representing	9	Entered E Yes	Exclusion/C	RZ Zone
Visitors to Site Name			Representing	g			RZ Zone
Visitors to Site Name			Representing	9	Yes	No	RZ Zone
Visitors to Site Name			Representing	9	Yes Yes	No No	RZ Zone



#### DAILY INSPECTION REPORT - No. 009 Dzus Fastener OU 1- 6 SM, Site No. 152033

Name	Representing
N/A	
Project Schedule Comments	
EA plans to continue GW PDI work tomorrow on transe	ects A in the Stop & Shop Plaza parking lot.
Issues Pending	
None.	
Interaction with Public, Property Owners, Media, et	с.
None.	

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

None.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/17/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 009 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 009 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			

* BART – Best Available Retrofit Technology



NYSDEC       Depart         Division of Environmental Remediation       Image: State of Composition of Environ Conser         Site Location: West Islip, NY       Weather Conditions         Consert Description       Support							^{II} DEC PM – James Kruegler – Engineer PM – Hilary Williams – Engineer Insp. – L. Backman-				
General Description		Lowe									
Temperature	SunnyAMSunnyPM55°FAM67°FPM										
Wind											
Health & Safety If any box below is	checked "Yes",		explana			ealth			1		
Were there any change							*Yes	No X	NA		
Were there any exceed	ances of the perime	ter air m	onitoring I	reported	d on this d	late?	*Yes	No	NA	Х	
Were there any nuisand	e issues reported/o	bserved	on this da	ite?			*Yes	No X	NA		
Health & Safety Con	· ·							1			
(0640) LAWES onsite, t		g.									
(0645) Mobilize equipm											
(0710) Begin hand-clea (0735) LAWES begins a	ring ISB-C2 boring t advancing ISB-C2 b	to 5 feet. oring wit	h Geoprol	be.							
(0710) Begin hand-clea (0735) LAWES begins a (0900) ISB-C2 boring a	ring ISB-C2 boring t advancing ISB-C2 b dvanced to 40 feet b	to 5 feet. oring with ogs, back	h Geoprol	be.							
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## DAILY INSPECTION REPORT - No. 010 Dzus Fastener OU 1- 6 SM, Site No. 152033

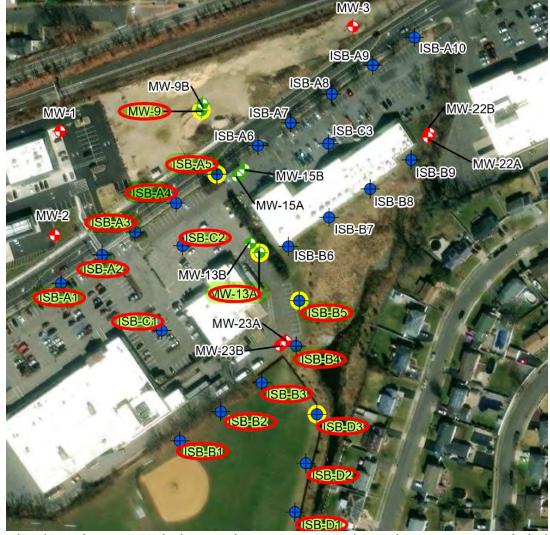
(1513) Pull up rods and tubi (1517) Begin purging for sau (1525) Collect sample ISB- (1530) Pull up remaining roo (1545) Decontaminate SP16 (1610) Transfer IDW to drur (1630) EA and LAWES offsi	mple ISB-C1 C1-GW-11-1 ds, pack equ 6 sampler, co ms.	-11-15. 5 for TAL me lipment, and l	backfill I		olved).						
Equipment/Material Tra If any box below is che		", provide e	explana	ation und	er "Ma	aterial Tra	cking Co	mme	nts".		
Were there any vehicles wh			D.O.T ı	numbers a	nd plac		*Yes * Yes	No	Х	NA	
	Were there any vehicles which were not tarped? Were there any vehicles which were not decontaminated prior to exiting the work site?							No		NA	Х
were there any vehicles wh	lich were not	decontamina	ated pric	or to exiting	the wo		* Yes	No		NA	Х
Personnel and Equipme	ent							-			
Individual		Со	mpany			Trade	1		Total	Hours	
Lincoln Backman-Low	e		EA			Scientis			1	-	
Cassandra Derrick Scott Pederson			EA WES			Geologi Driller			1		
Jason Neuhaus			WES			Driller			1		
Equipment Description	on		Cont	ractor/Vend	or		Quantity	,	Us	ed	
Dodge RAM			E	Enterprise			1			es	
Geoprobe Box Truck				LAWES			1			es es	
Water Level Meter				Pine			1		Ye		
Horiba U-52				Pine			1		Ye		
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable			rce or Disposal ty (If Applicable)		Daily Loads	Da Wei (tor	ight
N/A											
*On-Site scale for off-site shipm	ant delivered	tial at fan maatan									
Equipment/Material Track	ing Comme	nts:									
Visitors to Site											
Name			Re	presenting	l		Entered E	xclus	sion/CF	RZ Zo	ne
N/A							Yes		No		
							Yes		No		
							Yes		No		
							Yes		No		
Site Representatives											
Name				_							
				Represe	nting						
N/A				Represe	nting						



#### DAILY INSPECTION REPORT - No. 010 Dzus Fastener OU 1- 6 SM, Site No. 152033

Project Schedule Comments		-		
EA plans to continue GW PDI w	ork tomorrow o	on transects A in	the parking lot.	
Issues Pending				
None.				
Interaction with Public, Prope	rty Owners, M	ledia, etc.		

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



Locations that have been sampled or are in progress are shown in green text and circled in red.



Site Photographs (Descriptions Below)

Attached in separate photo log.

Comments	
N/A	
-	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/20/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 010 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 010 Dzus Fastener OU 1- 6 SM, Site No. 152033

## **RESILIENCE/GREEN REMEDIATION CHECKLIST**

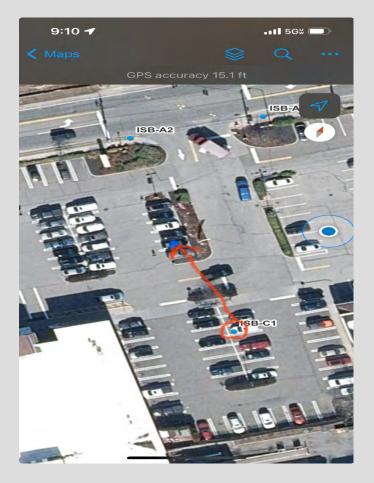
Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:		<u>.</u>	
None.			

* BART – Best Available Retrofit Technology





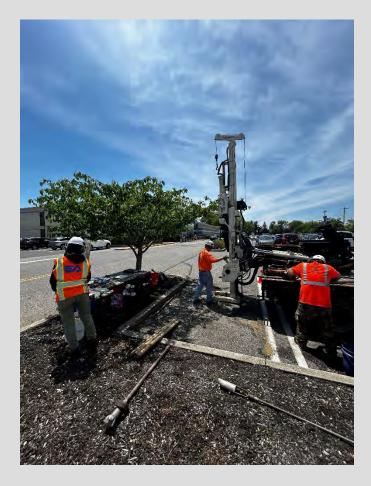
LAWES advancing ISB-C2 boring with Geoprobe rig.



ISB-C1 location after relocation away from traffic/manholes.



NYSDEC Site 152033; EA Project No. 1602515





**ISB-C1** location.

LAWES advancing soil boring at ISB-C1 location with Geoprobe.

Division of Environmental Remediation				Departm Environn Conserva	nental	Contract N DEC PM – Jan Engineer PM	mes Krueç	•	s	
Engineer Insp. – L. Backman-							•			
General Description	Cloudy	AM	13	Sunny	,	PM	Lowe			
Temperature	55°F	AM		65°F		PM				
Wind	6 mph NE	AM	1	0 mph	S	PM				
Health & Safety If any box below is	· · · · · ·	<u> </u>		•		-	& Safety Com	ments".		
Were there any change	s to the Health & Saf	fety Plar	ו?				*Yes	No X	NA	
Were there any exceed	ances of the perimet	er air m	onitoring	reporte	d on this da	ate?	*Yes	No	NA	Х
Were there any nuisand	•						*Yes	No X	NA	
Health & Safety Con	•						100			
Tailgate safety meeting safety; slips, trips, and f	held upon arrival on	site. Top	oics cove	ed incl	uded: vehi	cle traff	fic; drilling safet	y & heavy o	equipn	nent
Summary of Work P	Performed Ar	rived a	t site:	0630		D	eparted Site:	1545		
(0715) LAWES begins f (0730) LAWES begins a (0835) Soil boring advar (0935) Step out 5 feet, f (0955) Begin purging fo (1010) Collect sample IS (1013) Pull up rods and (1019) Begin purging fo (1028) Collect sample IS (1031) Pull up rods and (1035) Begin purging fo (1040) Collect sample IS (1050) Pull up rods and (1054) Begin purging fo (1100) Collect sample IS (1105) Pull up remaining (1142) LAWES begins f (1155) LAWES begins f (1155) LAWES begins f (1305) ISB-A7 soil borin (1310) Break for lunch. (1340) Step out 5 feet a (1420) Begin purging fo (1430) Collect sample IS (1435) Pull up rods and (1440) Begin purging fo (1450) Collect sample IS (1452) Pull up rods and (1455) Begin purging fo (1500) Collect sample IS	advancing ISB-A6 so nced to 40 feet bgs, begin advancing SP1 r sample ISB-A6-GW SB-A6-41-45 for TAL tubing to 35 ft bgs. r sample ISB-A6-GW SB-A6-31-35 for TAL tubing to 25 ft bgs. r sample ISB-A6-GW SB-A6-21-25 for TAL tubing to 15 ft bgs. r sample ISB-A6-GW SB-A6-11-15 for TAL g rods, backfill holes hand clearing ISB-A7 advancing ISB-A7 so ng advanced to 40 fe and begin advancing r sample ISB-A7-GW SB-A7-GW-41-45 for tubing to 35 ft bgs. r sample ISB-A7-GW SB-A7-GW-31-35 for tubing to 25 ft bgs. r sample ISB-A7-GW	il boring pull up r 6 samp /-41-45. . metals /-31-35. . metals /-21-25. . metals /-11-15. . metals /-41-45. . SP16 sa /-41-45. . TAL mo /-31-35.	with Geo ods. ler to 45 f (total and (total and (total and (total and quipment ring. with Geo ampler to etals (tota etals (tota	pprobe. eet. d dissol d d dissol d dissol d di di d dissol d di dissol d di di dissol d di dissol d di dissol d di dissol d di dissol d di di di dissol d di	ved). ved). nobilize to I gs. issolved) s issolved).					



## DAILY INSPECTION REPORT - No. 011 Dzus Fastener OU 1-6 SM, Site No. 152033

(1508) Begin purging for s (1515) Collect sample ISB (1520) Pull up remaining r (1530) Decontaminate SP drums. (1545) EA and LAWES off	-A7-GW-11-1 ods. 16 sampler, c	7-11-15. 5 for TAL met	·	,		sfer IDW to	I			
Equipment/Material Tr										
If any box below is cho			-						<u> </u>	
Were there any vehicles w			D.O.I number	rs and plac		Yes Yes	No	Х	NA NA	V
Were there any vehicles w Were there any vehicles w			tod prior to ov	iting the w		res	No		INA	Х
were there any vehicles w	men were no					Yes	No		NA	Х
Personnel and Equipn	nent				<u>_</u>			<u>l</u>		
Individual		Cor	npany		Trade			Total I	Hours	
Lincoln Backman-Lo	we		EA		Scientis			9.2	25	
Cassandra Derrick	(		EA		Geologis	t		9.2		
Scott Pederson Jason Neuhaus			WES		Driller Driller		-	<u>9.2</u> 9.2		
	lan		Contractor/V	landar	Driller	Quantitu				
Equipment Descript Dodge RAM	ion		Enterpris			Quantity		Us Ye		
Geoprobe			LAWES			1			'es	
Box Truck			LAWES			1		Ye		
Water Level Meter	r		Pine			1		Ye		
Horiba U-52			Pine			1		Ye	es	
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Pr (If Applica			or Disposal Applicable)	Daily Loads		Da Wei (tor	ght
N/A										
		++								
*On-Site scale for off-site ship Equipment/Material Trac			ial received							
*On-Site scale for off-site ship			ial received							
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site										
*On-Site scale for off-site ship Equipment/Material Trac None.			ial received	ting		Entered E>	clus	sion/CR	2 Z Z O	ne
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name				ting		Entered Ex		sion/CR No	2 Z Z O	ne
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name				ting	Y				Z Zo	ne
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name				ting	Υ Υ	′es		No	2 Zo	ne
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*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name				ting	Y Y Y	ies ies		No No No	2 Zo	ne
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name N/A			Represen	ting	Y Y Y	ies ies		No No No	2 Z O	ne
*On-Site scale for off-site ship Equipment/Material Trac None. Visitors to Site Name N/A Site Representatives			Represen		Y Y Y	ies ies		No No No	2 Z Z O	ne



#### DAILY INSPECTION REPORT - No. 011 Dzus Fastener OU 1- 6 SM, Site No. 152033

#### Project Schedule Comments

EA plans to continue GW PDI work tomorrow on transects A in the parking lot.

**Issues Pending** 

None.

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are shown in highlighted text and circled in red.



Department of Environmental Conservation Site Photographs (Descriptions Below)

No photos.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/21/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 011 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



#### DAILY INSPECTION REPORT - No. 011 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			



NYSDEC Division of Environmental Remediation						Contract DEC PM – J Engineer Pl	ames Krue		5
Site Location. West	Engineer In	sp. – L. Bac	kman-						
Concret Decerintian	1	Condition				Lowe			
General Description Temperature	Sunny 61°F	AM AM	Sunny 70°F		PM PM				
Wind	2 mph S	AM	10 mph	\$	PM				
Health & Safety	2 11011 3		тотпри	5	I IVI				
If any box below is	checked "Yes"	nrovide	avalanation i	inder "He	alth 8	Safety Co	nments"		
Were there any change						*Yes	No X	NA	
		•		ام مالا مر	-1-0			-	V
Were there any exceed	•		<b>U</b> .	a on this da	ale?	*Yes	No	NA	Х
Were there any nuisan	· ·	/observed o	n this date?			*Yes	No X	NA	
Health & Safety Cor	nments								
Tailgate safety meeting safety; slips, trips, and		onsite. Topi	cs covered inci	udea: veni		ic; drilling saf	ety & neavy	equipri	ient
Summary of Work F	Performed	Arrived at	site: 0630		De	eparted Site	1535		
(0845) ISB-A8 boring a (0910) Step out 5 feet, (0933) Begin purging fo (0950) Collect sample (0955) Pull up rods and (0958) Begin purging fo (1015) Collect sample (1018) Pull up rods and (1022) Begin purging fo (1030) Collect sample (1032) Pull up rods and (1036) Begin purging fo (1045) Collect sample holes, pack equipment,	begin advancing S or sample ISB-A8-0 ISB-A8-41-45 for T d tubing to 35 ft bgs or sample ISB-A8-0 ISB-A8-31-35 for T d tubing to 25 ft bgs or sample ISB-A8-0 ISB-A8-21-25 for T d tubing to 15 ft bgs or sample ISB-A8-0	GP16 sample GW-41-45. AL metals ( s. GW-31-35. AL metals ( s. GW-21-25. AL metals ( s. GW-11-15.	er to 45 feet. total and dissol total and dissol	ved).					



### DAILY INSPECTION REPORT - No. 012 Dzus Fastener OU 1- 6 SM, Site No. 152033

Equipment/Material Tra If any box below is che		', provide e	xplana	ation unde	er "Material T	rac	king Com	nme	nts".		
Were there any vehicles which did not display proper D.O.T numbers and placards?								No	Х	NA	
Were there any vehicles which were not tarped?							′es Yes	No		NA	Х
Were there any vehicles which were not decontaminated prior to exiting the work site?							Yes	No		NA	х
Personnel and Equipme	ent					•	<u> </u>				
Individual			npany		Tra	de			Total	Hours	
Lincoln Backman-Low	e		EA		Scier					9	
Cassandra Derrick			EA		Geolo Dril					<u>)</u>	
Scott Pederson Jason Neuhaus			WES WES		Dril					<u>)</u> )	
Equipment Descriptio	on			ractor/Vendo			Quantity			ed	
Dodge RAM				Enterprise	-		1	1		es	
Geoprobe				LAWES			1			es	
Box Truck				LAWES			1		Y	es	
Water Level Meter				Pine			1			es	
Horiba U-52				Pine			1		Y	es	
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable)			r Disposal Applicable)		Daily Loads	Da Wei (tor	ght
N/A											
*On-Site scale for off-site shipm	ant delivery t	ieket for meteri		(ad							
Visitors to Site											
Name			Re	presenting		E	Entered Ex	clu	sion/Cl	RZ Zo	ne
N/A						Y	es		No		
						Y	es		No		
						Y	es		No		
						Y	es		No		
Site Representatives											
Name				Represen	ting						
N/A											
Project Schodule Com	nonto			-							
Project Schedule Comm EA plans to continue GW		omorrow	trance	octe A in th	e parking lat	_		_			
EA plans to continue GW	י רטי שטוא ז	UNUTOW ON	i iranse	eois a in th	e parking iot.						



#### **Issues Pending**

None.

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are shown in highlighted text and circled in red.



Site Photographs (Descriptions Below)

No photos.

Comments	
N/A	
	Ι
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/22/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



#### DAILY INSPECTION REPORT - No. 012 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

# NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



#### DAILY INSPECTION REPORT - No. 012 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			



NYSDEC Division of Environmental Remediation Site Location: West Islip, NY						ental	Contract N DEC PM – Ja Engineer PM	imes Krue – Hilary V	- Villiams	
	Weather	Condition	าร				Engineer Ins Lowe	р. – L. Ва	ckman-	
General Description	Cloudy	AM		dy, Humid		PM	LOWE			
Temperature	63°F	AM		70°F		PM				
Wind	7 mph SE	AM	10 n	nph SSE		PM				
Health & Safety If any box below is	checked "Yes'	'. provide	explanat	ion under '	'He	alth 8	Safety Com	nments".		
Were there any change							*Yes	No X	NA	
Were there any exceed	lances of the perir	neter air mo	onitoring re	ported on thi	s da	te?	*Yes	No	NA	Х
Were there any nuisan	•		•	•			*Yes	No X	NA	
Health & Safety Cor	•									
Tailgate safety meeting safety; slips, trips, and			pics covere	d included: v	ehic	le traff	ic; drilling safe	ty & heavy	equipm	ən
Summary of Work F	Performed	Arrived at	t site:	0630		De	eparted Site:	1630		
(0720) LAWES begins (0850) ISB-C3 boring a	advancing ISB-C3		ring to 5 fee	et.						



### DAILY INSPECTION REPORT - No. 013 Dzus Fastener OU 1- 6 SM, Site No. 152033

Were there any vehicles which were not decontaminated prior to exiting the work site?	1528) Begin purging for sa 1535) Collect sample ISB- 1538) Pull up remaining pro-	A10-GW-11-	15 for TAL m g, backfill hol	es, pack e										
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".       Were there any vehicles which were not any decomposition were not any tender which were not any decomposition were not decontaminated prior to exiting the work site?     "Yes     No     NA       Personnel and Equipment       Individual     Company     Trade     Total Hours       Called Scientist     10     Called Scientist     10       Called Scientist     Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"       Colspan="2"     Colspan="2"       Called Scientist     10       Called Scientist     Colspan="2"       Colspan="2" <th cols<="" th=""><th>1620) Transfer IDW to dru</th><th>ms.</th><th>Dilect EQB-12</th><th>2.</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th>	<th>1620) Transfer IDW to dru</th> <th>ms.</th> <th>Dilect EQB-12</th> <th>2.</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	1620) Transfer IDW to dru	ms.	Dilect EQB-12	2.									
Were there any vehicles which did not display proper D.O.T numbers and placards?     *Yes     No     NA       Were there any vehicles which were not tarped?     *Yes     No     NA       Were there any vehicles which were not decontaminated prior to exiting the work site?     *Yes     No     NA       Personnel and Equipment     individual     Company     Trade     Total Hours       Lincoln Backman-Lowe     EA     Geologist     10     Scientist     10       Cassandra Derrick     EA     Geologist     10     Scientist     10       Scient Pederson     LAWES     Driller     9.75     9.75       Equipment Description     Contractor/Vendor     Quantity     Vsec       Material Description     Contractor/Vendor     Quantity     Vsec       Material Description     Imported/     Exported     Imported/     Yes       Material Description     Imported/     Exported     Geologist     Daily     Veistors       Visitors to Site     Imported/     Exported     Geologist     Imported/     Daily     Veistors       Visitors to Site     Imported/     Site of Site of Site     Yes     No     No       Visitors to Site     Yes     No     Yes     No       Site Representatives     Yes     No <t< th=""><th></th><th></th><th>', provide e</th><th>explanati</th><th>ion und</th><th>ler "Mat</th><th>erial Tr</th><th>acking</th><th>J Com</th><th>nmer</th><th>nts".</th><th></th><th></th></t<>			', provide e	explanati	ion und	ler "Mat	erial Tr	acking	J Com	nmer	nts".			
Were there any vehicles which were not decontaminated prior to exiting the work site?     * Yes     No     NA       Personnel and Equipment     Individual     Company     Trade     Total Hours       Lincoh Backman-Lowe     EA     Scientist     10       Cassandra Derick     EA     Geologist     10       Jason Neuhaus     LAWES     Driller     9.75       Jason Neuhaus     LAWES     Driller     9.75       Equipment Description     Contractor/Nendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Box Truck     LAWES     1     Yes       Water Level Meter     Prine     1     Yes       Material Description     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weigi tons       NA     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weigi tons       ''A     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weigi tons       ''NA     Imported/ to Site     Exported off Site     Exported off Site     Exported off Site     Exported off S	lere there any vehicles wh	nich did not di	splay proper	D.O.T nu	imbers a	nd placar	ds?	*Yes		No	Х	NA		
Yes     No     NA       Personnel and Equipment     Individual     Company     Trade     Total Hours       Lincoln Backman-Lowe     EA     Scientist     10       Cassandra Derrick     EA     Geologist     10       Sott Pederson     LAWES     Driller     9.75       Equipment Description     Contractor/Vendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Box Truck     LAWES     1     Yes       Box Truck     LAWES     1     Yes       Water Level Meter     Pine     1     Yes       Horiba U-S2     Pine     1     Yes       Material Description     Imported/ to Site     Exported off Site     Waste Profile (if Applicable)     Source or Disposal Facility (if Applicable)     Dalily Loads     Weig Weig (tons       N/A     Imported/ to Site     Exported off Site     Waste Profile (if Applicable)     Source or Disposal Facility (if Applicable)     Dalily Loads     Weig (tons       N/A     Imported/ to Site     Source or I-site shipment, delivery ticket for material received     Equipment/Material Tracking Comments: None.     Yes     No       N/A     Yes     No     Yes     No     Yes     No       Site Representatives     Yes     No     Y								* Yes		No		NA	Х	
Individual         Company         Trade         Total Hours           Lincoln Backman-Lowe         EA         Scientist         10           Cassandra Derrick         EA         Gelogist         10           Scott Pederson         LAWES         Driller         9.75           Jason Neuhaus         LAWES         Driller         9.75           Equipment Description         Contractor/Vendor         Quantity         Used           Dodge RAM         Enterprise         1         Yes           Box Truck         LAWES         1         Yes           Horiba U-52         Pine         1         Yes           Material Description         Imported/ to Site         Pine         1         Yes           Material Description         Imported/ to Site         Exported off Site         Waste Profile (if Applicable)         Source or Disposal Pacily (if Applicable)         Daily Loads         Weight (if Applicable)           ViA         Imported/ to Site         Exported off Site         Waste Profile (if Applicable)         Source or Disposal Pacily (if Applicable)         Daily Loads         Weight (if Applicable)         Daily Veight (if Applicable)         Daily Veight (if Applicable)         Veight (if Applicable)         Veight (if Applicable)         Veight (if Applicable)         Veight	/ere there any vehicles wh	nich were not	decontamina	ated prior	to exiting	g the worl	k site?	* Yes		No		NA	Х	
Lincoln Backman-Lowe     EA     Scientist     10       Cassandra Derrick     EA     Geologist     10       Scott Pederson     LAWES     Driller     9.75       Jason Neuhaus     LAWES     Driller     9.75       Equipment Description     Contractor/Vendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Geoprobe     LAWES     1     Yes       Box Truck     LAWES     1     Yes       Water Level Meter     Pine     1     Yes       Horiba U-52     Pine     1     Yes       Material Description     Imported/ Delivered     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Pacility (If Applicable)     Daily Loads     Daily Weigi tons       N/A     Imported/ Delivered     Exported off Site shipment, delivery ticket for material received     Equipment/Material Tracking Comments:       None.     Yes     No     Yes     No       Visitors to Site     Yes     No     Yes     No       Visite resonance     Yes     No     Yes     No       Site Representatives     Yes     No     Yes     No	ersonnel and Equipm	ent												
Cassandra Detrick     EA     Geologist     10       Scott Pederson     LAWES     Driller     9.75       Jason Neuhaus     LAWES     Driller     9.75       Equipment Description     Contractor/Vendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Geoprobe     LAWES     1     Yes       Water Level Meter     Prine     1     Yes       Horiba U-52     Prine     1     Yes       Material Description     Imported/ to Site     Exported off Site (if Applicable)     Source or Disposal Facility (if Applicable)     Daily Loads     Daily Weig (tons       V/A     Imported/ to Site     Exported off Site for off-site shipment, delivery ticket for material received     Equipment/Material Tracking Comments: None.     Yes     No       Visitors to Site     Yes     Yes     No     Yes     No       Site Representatives     Yes     No     Yes     No	Individual		Co	mpany			Trad	le			Total I	lours		
Scott Pederson     LAWES     Driller     9.75       Jason Neuhaus     LAWES     Driller     9.75       Equipment Description     Contractor/Vendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Geoprobe     LAWES     1     Yes       Box Truck     LAWES     1     Yes       Water Level Meter     Pine     1     Yes       Horba U-52     Pine     1     Yes       Material Description     Imported/ Delivered to Site     Exported off Site     Waste Profile (if Applicable)     Source or Disposal Facility (if Applicable)     Daily Loads     Ves       V/A     Visitors to Site     Imported/ to Site     Exported off Site     Geoprobe     Imported/ (if Applicable)     Entered Exclusion/CRZ Zone       V/A     Visitors to Site     Imported/ to Site     Yes     No       Visitors to Site     Yes     No     Yes     No       V/A     Yes     No     Yes     No       Site Representatives     Yes     No     Yes     No		ve												
Jason Neuhaus     LAWES     Driller     9.75       Equipment Description     Contractor/Vendor     Quantity     Used       Dodge RAM     Enterprise     1     Yes       Geoprobe     LAWES     1     Yes       Box Truck     LAWES     1     Yes       Water Level Meter     Prine     1     Yes       Horiba U-52     Prine     1     Yes       Material Description     Imported/ Delivered to Site     Waste Profile (if Applicable)     Source or Disposal Facility (if Applicable)     Daily Loads     Daily (itons       V/A     Imported/     Exported off Site (if Applicable)     Source or Disposal Facility (if Applicable)     Daily Loads     Daily (itons       V/A     Imported/     Exported off Site for material received     Imported/ (if Applicable)     Daily Veigi (tons       V/A     Imported/     Exported off Site for material received     Imported/ (if Applicable)     Daily Veigi (tons       Visitors to Site     Imported/     Yes     No       Visitors to Site     Yes     No       V/A     Yes     No       Visitors to Site     Yes     No       Site Representatives     Yes     No												-		
Equipment Description         Contractor/Vendor         Quantity         Used           Dodge RAM         Enterprise         1         Yes           Box Truck         LAWES         1         Yes           Box Truck         LAWES         1         Yes           Water Level Meter         Pine         1         Yes           Horiba U-S2         Pine         1         Yes           Material Description         Imported/ to Site         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Waite (If Applicable)           V/A         Imported/ to Site         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Waite (If Applicable)           V/A         Imported/ to Site scale for off-site shipment, delivery ticket for material received         Equipment/Material Tracking Comments:           None.         Yes         No         Yes         No           Visitors to Site         Yes         No         Yes         No           V/A         Yes         No         Yes         No           Site Representatives         Yes         No         Yes         No										1		-		
Dodge RAM         Enterprise         1         Yes           Geoprobe         LAWES         1         Yes           Water Level Meter         Pine         1         Yes           Honba U-52         Pine         1         Yes           Material Description         Imported/ Delivered to Site         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Daily Weigi (tons           V/A         Imported/ Delivered         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Daily Weigi (tons           V/A         Imported/ Delivered         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Daily Weigi (tons           V/A         Imported/ Delivery ticket for material received         Equipment/Material Tracking Comments:         No           Vone.         Yes         No         Yes         No           V/A         Yes         No         Yes         No           V/A         Yes         No         Yes         No           Site Representatives         Yes         No         Yes         No		on		Contra	ctor/Vend	lor			antity					
Box Truck     LAWES     1     Yes       Water Level Meter     Pine     1     Yes       Honba U-52     Pine     1     Yes       Material Description     Imported/ belivered to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads       V/A     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Vaily Weigi (tons       V/A     Imported/ to Site     Exported off Site for off-site shipment, delivery ticket for material received     Imported/ Equipment/Material Tracking Comments:     Imported/ to Site       Visitors to Site     Imported/ for Site Site     Representing     Entered Exclusion/CRZ Zond Yes       V/A     Yes     No       V/A     Yes     No       Site Representatives     Yes     No       Site Representatives     Representing     Yes	Dodge RAM												_	
Water Level Meter     Pine     1     Yes       Horiba U-52     Pine     1     Yes       Material Description     Imported/ belivered to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weig (tons       V/A     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weig (tons       V/A     Imported/ to Site scale for off-site shipment, delivery ticket for material received     Equipment/Material Tracking Comments: None.     Imported/ Yes     Entered Exclusion/CRZ Zone Yes       Visitors to Site     Yes     No       V/A     Yes     No       V/A     Yes     No       Site Representatives     Yes     No       Site Representatives     Representing     Yes										1				
Horiba U-52     Pine     1     Yes       Material Description     Imported/ Delivered to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weigi (tons       V/A     Imported/ to Site     Exported off Site     Waste Profile (If Applicable)     Source or Disposal Facility (If Applicable)     Daily Loads     Daily Weigi (tons       On-Site scale for off-site shipment, delivery ticket for material received     Imported Equipment/Material Tracking Comments:     Imported Visitors to Site     Imported Visitors to Site       Visitors to Site     Imported V/A     Yes     No       V/A     Yes     No     Yes       V/A     Yes     No       Site Representatives     Yes     No       Site Representatives     Representing     Yes														
Material Description         Delivered to Site         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Weig (tons)           V/A         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received <td< td=""><th></th><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></td<>					-							-		
Material Description         Delivered to Site         Exported off Site         Waste Profile (If Applicable)         Source or Disposal Facility (If Applicable)         Daily Loads         Weig (tons)           V/A         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received         Image: Comparison of the shipment, delivery ticket for material received <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>														
Visitors to Site       Entered Exclusion/CRZ Zone         N/A       Representing       Entered Exclusion/CRZ Zone         N/A       Yes       No         N/A       Yes       No         Site Representatives       Yes       No         Site Representatives       Yes       No         Site Representatives       Yes       No         Site Representatives       Yes       No         Yes       No       Yes       No         Yes       No       Yes       No         Site Representatives       Yes       No       Yes         Name       Representing       Yes       Yes	Material Description	Delivered										Wei	gĥ	
Equipment/Material Tracking Comments: None. Visitors to Site Name Representing Entered Exclusion/CRZ Zone N/A Yes No N/A Yes No Yes No Site Representatives Name Representing No Yes No	/A													
Equipment/Material Tracking Comments:         None.         Visitors to Site         Name       Representing       Entered Exclusion/CRZ Zone         N/A       Yes       No         N/A       Yes       No         V/A       Yes       No         Site Representatives       Yes       No         Site Representatives         Name       Representing													—	
Name     Representing     Entered Exclusion/CRZ Zone       N/A     Yes     No       Site Representatives     Yes		king Comme	nts:											
N/A     Yes     No       Site Representatives     Yes	isitors to Site													
Yes         No           Yes         No           Yes         No           Yes         No           Yes         No           Site Representatives         Yes           Name         Representing		Representing						red Ex	clusi	ion/CF	Z Zo	ne		
Yes     No       Yes     No       Site Representatives     Yes       Name     Representing	/A							Yes		١	lo			
Site Representatives     Yes     No       Name     Representing								Yes		Ν	lo			
Site Representatives Name Representing								Yes		Ν	lo			
Name Representing								Yes		١	lo			
Name Representing	ite Representatives													
				1	Represe	nting							_	
						<u> </u>								



Project Schedule Comments
EA plans to continue GW PDI work tomorrow by completing soil borings ISB-B8 and ISB-B9.
· • •
Issues Pending
None.
Interaction with Public, Property Owners, Media, etc.
None.

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



Locations that have been sampled or are in progress are shown in highlighted text and circled in red.



Site Photographs (Descriptions Below)

No photos.

Comments	
N/A	
	Γ
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/23/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 013 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			

# NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes 🗆	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes □	No 🗆	N/A⊠
Comments: None.			



### DAILY INSPECTION REPORT - No. 013 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			



Division of Environmental Remediation							Contract No. DEC PM – James Kruegler Engineer PM – Hilary Williams				
	Weather C	ondition				Engineer Insp	o. – L. Bac	kman-			
General Description	PM	Lowe									
Temperature	Cloudy 63°F	AM AM	Cloudy, H 74°F		PM						
Wind											
Health & Safety	p.: 01	7.000	•p.: •	-							
If any box below is	checked "Yes",	provide	explanation	under "He	ealth &	Safety Com	ments".				
Were there any change	s to the Health & S	afety Plar	ו?			*Yes	No X	NA			
Were there any exceed	ances of the perime	eter air m	onitoring reporte	ed on this d	ate?	*Yes	No	NA X			
Were there any nuisan	ce issues reported/c	bserved	on this date?			*Yes	No X	NA			
Health & Safety Cor	nments							1			
Summary of Work F (0630) EA & LAWES of		Arrived a				eparted Site:	1430				
(0715) LAWES begins (0730) LAWES begins (0850) ISB-B9 boring a (0930) Step out 5', beg (0952) Begin purging fo (1005) Collect sample l (1010) Pull up rods and (1012) Begin purging fo (1020) Collect sample l (1022) Pull up rods & tt (1025) Begin purging fo (1030) Collect sample l (1038) Pull up rods & tt (1045) Begin purging fo (1050) Collect sample l (1055) Pull up remainin (115) LAWES begins (1230) ISB-B8 boring a (1235) Step out 5', beg (1255) Begin purging fo (1305) Collect sample l (1305) Collect sample l (1305) Collect sample l (1305) Collect sample l (1305) Collect sample l (1306) Pull up rods & tt (1312) Begin purging fo (1320) Collect sample l (1325) Pull up rods & tt (1328) Begin purging fo	advancing ISB-B9 b dvanced to 40' bgs. in advancing SP16 or sample ISB-B9-G ISB-B9-GW-41-45. d tubing to 35' bgs. or sample ISB-B9-G ISB-B9-GW-31-35. ubing to 25' bgs. or sample ISB-B9-G ISB-B9-GW-21-25. ubing to 15' bgs. or sample ISB-B9-G ISB-B9-GW-11-15. ng rods, pack equipr hand-clearing ISB-B8 dvanced to 40' bgs. in advancing SP16 or sample ISB-B8-G ISB-B8-GW-41-45. ubing to 35' bgs.	w-41-45. W-31-35. W-21-25. W-11-15. Ment, mot Sa soil bo boring with sampler. W-41-45.	n Geoprobe. bilize to ISB-B8 ring. n Geoprobe.	location.							



### DAILY INSPECTION REPORT - No. 014 Dzus Fastener OU 1- 6 SM, Site No. 152033

Equipment/Material Tra If any box below is che	cking cked "Yes	", provide e	explana	tion und	ler "Material T			nme	nts".		
Were there any vehicles wh	ich did not d	lisplay proper	D.O.T n	umbers a	nd placards?	*\	′es	No	Х	NA	
Were there any vehicles wh					•		Yes	No		NA	Х
Were there any vehicles wh			ated prio	r to exiting	g the work site?	* Yes		No		NA	X
Personnel and Equipme	ent					-	<u> </u>				
Individual		Cor	mpany		Tra	de			Total	Hours	
Lincoln Backman-Low	e		EA		Scier					0	
Cassandra Derrick			EA		Geolo					0	
Scott Pederson			WES		Dril					75	
Jason Neuhaus		LA	WES		Dril	ler	n		9.	75	
Equipment Description	on		Contra	actor/Vend	dor		Quantity		Us	ed	
Dodge RAM			E	nterprise			1		Y	es	
Geoprobe				LAWES			1		Y	es	
Box Truck				LAWES			1			es	
Water Level Meter				Pine			1			es	
Horiba U-52 Pine				Pine			1		Y	es	
			-				<u></u>	<u> </u>		_	
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable			^r Disposal Applicable)		Daily Loads	We	iily ight ns)*
N/A											
*On-Site scale for off-site shipm											
None.											
Visitors to Site											
Name			Rep	resenting	g	_	Entered Ex			RZ Zo	ne
N/A						-	es	-	No		
						-	es		No		
						-	es		No		
						Y	es		No		
Site Representatives				_							
Name				Represe	enting						
N/A											
Project Schedule Comm	nents										
EA plans to continue GW ISB-B6 and ISB-B7.		the week of	June 3,	2024. T	here are two sa	amp	ling locati	ons	remai	ning;	



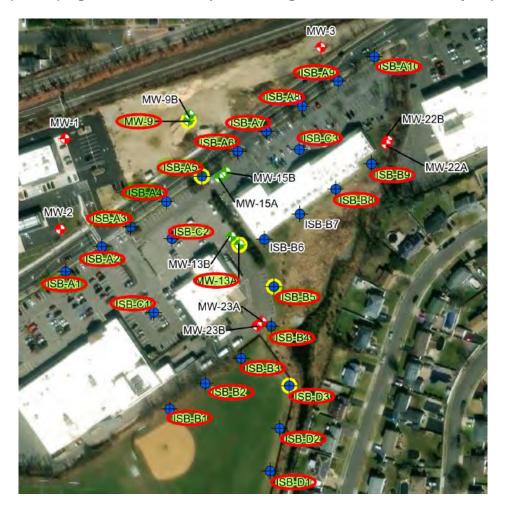
Issues Pending
----------------

None.

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are shown in highlighted text and circled in red.



Site Photographs (Descriptions Below)

No photos.

Comments	
N/A	
Site Inspector(s): Lincoln Backman-Lowe	Date: 05/24/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 014 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🖂	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			

# NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes □	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 014 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			



NYSDEC Division of Environmental Remediation Site Location: West Islip, NY						Contract No. DEC PM – James Kruegler Engineer PM – Hilary Williams			
		Engineer Insp	o. – L. Bacl	kman-					
General Description	Foggy	Condition AM	15	PM	Lowe				
Temperature	67°F	AM		Sunny 74°F					
Wind	3 mph E	AM	PM PM						
Health & Safety	•	<u> </u>		mph SSE					
If any box below is		•		ation under "H	ealth &				
Were there any change						*Yes	No X	NA	
Were there any exceed	· ·			•	late?	*Yes	No	NA X	
Were there any nuisan	ce issues reported	d/observed	on this da	ite?		*Yes	No X	NA	
Health & Safety Cor									
Tailgate safety meeting safety; slips, trips, and			oics cover	ed included: veh	icle traff	ic; drilling safet	y & heavy e	equipment	
Summary of Work I	Performed	Arrived a	t site:	0700	D	eparted Site:	1615		
(0805) LAWES begins (0910) ISB-B6 boring a (0915) Step out 5', beg (0940) Begin purging fo (0950) Collect sample (0953) Pull up rods and (1000) Begin purging fo (1008) Collect sample (1013) Pull up rods & tt (1017) Begin purging fo (1025) Collect sample (1029) Pull up rods & tt	dvanced to 40' bg in advancing SP1 or sample ISB-B6- SB-B6-GW-41-45 I tubing to 35' bgs or sample ISB-B6- SB-B6-GW-31-35	gs. 6 sampler. -GW-41-45. 5. 5. -GW-31-35.		be.					



(1429) Begin advancing SP (1441) Begin purging for sa (1446) Collect sample ISB-E	mple ISB-B5										
(1505) Begin advancing SP (1515) Begin purging for sa (1517) Collect sample ISB-E (1522) Pull up remaining roo	16 sampler a mple ISB-B4 34-GW-7-11	at ISB-B4. -GW-7-11.	es, pack	equipment	t.						
(1530) Decontaminate SP16 (1535) Transfer IDW to drur (1545) LAWES offsite.	6 sampler, c				-						
(1615) EA offsite after searc	ching for utili	ty mark-outs/	stormwa	ater diversio	on routes.						
Equipment/Material Tra If any box below is che		", provide e	explana	ation unde	er "Materi	al Trac	king Com	nments".			
Were there any vehicles wh			D.O.T r	numbers an	d placards		′es	No X	NA		
Were there any vehicles wh							Yes	No	NA	Х	
Were there any vehicles wh	ich were not	decontamina	ated pric	or to exiting	the work si		Yes	No	NA	Х	
Personnel and Equipme	ent								-		
Individual Cassandra Derrick		Co	<b>mpany</b> EA		(	<b>Trade</b> Geologist			<b>l Hour</b> 9.25	s	
Haley Young			EA			Scientist			9.25		
Kevin Mc'Gourty Jason Neuhaus			WES			Driller Driller			3.75 3.75		
Equipment Description	n	L/		ractor/Vendo	or	Dille	Quantity		Jsed		
Ford F-150				Enterprise	51		1	Yes			
Geoprobe				LAWES			1		Yes		
Box Truck				LAWES			2	Yes			
Horiba U-52				Pine			1	1 Yes			
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable)			r Disposal Applicable)	Daily Loads	w	)aily eight ons)*	
N/A											
*On-Site scale for off-site shipm	nent, delivery t	ticket for mater	ial receiv	red	1						
Equipment/Material Track None.											
Visitors to Site			Bai	roconting			Entered Ex	volucion/(	<b>D77</b>	<u></u>	
Name			кe	presenting					νη <b>ς</b> Ζ	one	
N/A							es	No			
							es	No			
							es	No			
						Y	es	No			
Site Representatives				P							
Name				Represen	ning						
N/A											
		2	NEW YORK STATE OF OPPORTUNITY	Departmen Environmer Conservatio	ntal						

### DAILY INSPECTION REPORT - No. 015 Dzus Fastener OU 1- 6 SM, Site No. 152033

Interaction with Public, Property Owners, Media, etc.

None.

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



Locations that have been sampled or are in progress are circled in red.



Site Photographs (Descriptions Below)

No photos.

Comments	
N/A	
Site Inspector(s): Cassandra Derrick	Date: 06/04/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 015 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🛛	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🛛	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			

# NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes □	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 015 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes 🗆	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes 🗆	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			



Site Location: West	ental Remediati	ion 2	STATE OPPO		epartm nvironn onserva	nental	Contract N DEC PM – Ja Engineer PN	ames Krue	•	5
	•	Condition	26				Engineer Ins	sp. – L. Bac	kman-	
General Description	Cloudy	AM		rtly Cloud	v	PM	Lowe			
Temperature	65°F	AM	1.4	72°F	y	PM				
Wind	5 mph S	AM		9 mph S		PM				
Health & Safety If any box below is	checked "Yes	", provide	explana	ation un	der "He	ealth 8	& Safety Con	nments".		
Were there any change	es to the Health &	Safety Plar	n?				*Yes	No X	NA	
Were there any exceed	ances of the peri	meter air m	onitoring	reported c	on this da	ate?	*Yes	No	NA	Х
Were there any nuisand	•		•	•			*Yes	No X	NA	
Health & Safety Cor	•									
Tailgate safety meeting safety; slips, trips, and the safety; slips, trips, and the safety is the safety state of the safety s			pics covei	red include	ed: vehi	cle traff	ic; drilling safe	ty & heavy	equipm	ent
Summary of Work F	Performed	Arrived a	t site:	0630		D	eparted Site:	1300		
(0822) Pull up rods and (0853) Begin advancing (0902) Begin purging fo										
(0906) Collect sample I (0910) Pull up rods & tu (0928) Begin advancing (0933) Begin purging fo (0936) Collect sample I (0946) Pull up rods & tu (1002) Begin advancing (1010) Begin purging fo (1013) Collect sample I (1034) Begin advancing (1041) Begin purging fo (1046) Collect sample I (1053) Pull up rods & tu (1110) Begin purging fo (1120) Collect sample I (1125) Pull up rods & tu (1210) Decon SP16 and (1300) EA and LAWES	or sample ISB-B2- SB-B2-GW-4-8. Jubing and mob to g SP16 sampler of or sample ISB-B3- SB-B3-GW-3.5-7 Jubing and mob to g SP16 sampler of SB-D3-GW-3.5-7 Jubing and mob to g SP16 sampler of or sample ISB-D2- SB-D2-GW-3.5-7 Jubing and mob to g SP16 sampler of or sample ISB-D1- SB-D1-GW-4-8. Jubing. Backfill and d collect EQB-15.	on ISB-B2. -GW-4-8. ISB-B3. -GW-3.5-7. 5. ISB-D3. -GW-3.5-7. 5. ISB-D2. -GW-3.5-7. 5. and ISB-D2. -GW-3.5-7. 5. and ISB- ISB-D1. on ISB-D1. -GW-4-8.	5. 5 with DU GW-FD-0	06-060520						
(0910) Pull up rods & tu (0928) Begin advancing (0933) Begin purging fo (0936) Collect sample I (0946) Pull up rods & tu (1002) Begin advancing (1010) Begin purging fo (1013) Collect sample I (1018) Pull up rods & tu (1034) Begin advancing (1041) Begin purging fo (1046) Collect sample I (1053) Pull up rods & tu (1110) Begin advancing (1116) Begin purging fo (1120) Collect sample I (1125) Pull up rods & tu (1210) Decon SP16 and	r sample ISB-B2- SB-B2-GW-4-8. Jubing and mob to SP16 sampler of r sample ISB-B3- SB-B3-GW-3.5-7 Jubing and mob to SP16 sampler of r sample ISB-D3- SB-D3-GW-3.5-7 Jubing and mob to SP16 sampler of r sample ISB-D2- SB-D2-GW-3.5-7 Jubing and mob to SB-D1-GW-4-8. Jubing. Backfill and d collect EQB-15. offsite.	on ISB-B2. -GW-4-8. ISB-B3. -GW-3.5-7.4 5. ISB-D3. -GW-3.5-7.4 5. ISB-D3. -GW-3.5-7.4 5. ISB-D2. on ISB-D2. -GW-3.5-7.4 5.5 and ISB- ISB-D1. on ISB-D1. -GW-4-8.	5. 5 with DU GW-FD-0 cks/pack	06-060520 up for the	day.	terial	Tracking Co	omments"		
(0910) Pull up rods & tu (0928) Begin advancing (0933) Begin purging fc (0936) Collect sample I (0946) Pull up rods & tu (1002) Begin advancing (1010) Begin purging fc (1013) Collect sample I (1034) Begin advancing (1046) Collect sample I (1046) Collect sample I (1046) Collect sample I (1053) Pull up rods & tu (1110) Begin purging fc (1120) Collect sample I (1125) Pull up rods & tu (1125) Pull up rods & tu (120) Collect sample I (1125) Pull up rods & tu (1210) Decon SP16 and (1300) EA and LAWES <b>Equipment/Material</b>	or sample ISB-B2- SB-B2-GW-4-8. Jubing and mob to g SP16 sampler of or sample ISB-B3- SB-B3-GW-3.5-7 Jubing and mob to g SP16 sampler of or sample ISB-D3- SB-D3-GW-3.5-7 Jubing and mob to g SP16 sampler of or sample ISB-D2- SB-D2-GW-3.5-7 Jubing and mob to g SP16 sampler of or sample ISB-D1- SB-D1-GW-4-8. Jubing. Backfill and d collect EQB-15. offsite.	on ISB-B2. -GW-4-8. ISB-B3. -GW-3.5-7.4 -S. ISB-D3. -GW-3.5-7.4 -GW-3.5-7.4 -GW-3.5-7.4 -GW-3.5-7.4 -GW-3.5-7.4 -GW-3.5-7.4 -GW-3.5-7.4 -GW-4-8. d mob to true -GW-4-8.	5. 5 with DU GW-FD-0 cks/pack explana	up for the	day. <b>ler "Ma</b>		Tracking Co	mments"		
(0910) Pull up rods & tu (0928) Begin advancing (0933) Begin purging fo (0936) Collect sample I (0946) Pull up rods & tu (1002) Begin advancing (1010) Begin purging fo (1013) Collect sample I (1018) Pull up rods & tu (1034) Begin advancing (1041) Begin purging fo (1046) Collect sample I (1053) Pull up rods & tu (1110) Begin advancing (1116) Begin purging fo (1120) Collect sample I (1125) Pull up rods & tu (1210) Decon SP16 and (1300) EA and LAWES <b>Equipment/Material</b> <b>If any box below is</b>	or sample ISB-B2- SB-B2-GW-4-8. Jubing and mob to SP16 sampler of sample ISB-B3- SB-B3-GW-3.5-7 Jubing and mob to SP16 sampler of sample ISB-D3- SB-D3-GW-3.5-7 Jubing and mob to SP16 sampler of sample ISB-D2- SB-D2-GW-3.5-7 Jubing and mob to SB-D1-GW-4.8. Jubing. Backfill and d collect EQB-15. offsite. <b>Tracking</b> <b>checked "Yes"</b> s which did not di	n ISB-B2. -GW-4-8. ISB-B3. -GW-3.5-7.4 .5. ISB-D3. -GW-3.5-7.4 .5. ISB-D3. -GW-3.5-7.4 .5. ISB-D2. on ISB-D2. -GW-3.5-7.4 .5 and ISB- ISB-D1. on ISB-D1. -GW-4-8. d mob to tru - <b>', provide</b>	5. 5 with DU GW-FD-0 cks/pack explana	up for the	day. <b>ler "Ma</b>				-	



### **DAILY INSPECTION REPORT - No. 016** Dzus Fastener OU 1- 6 SM, Site No. 152033

Cassandra Derricl					Individual Company			Trade		Total I	Total Hours	
	k		EA		Geologis	t	6.	5				
Haley Young			EA		Scientist		6.					
Kevin M'Gourty			AWES		Driller		6.					
Jason Neuhaus		LA	LAWES Driller			6.	5					
Equipment Descript	tion		Cont	ractor/Vendor		Quantity	Us	ed				
Ford F-150				Enterprise		1 Ye		s				
Geoprobe				LAWES	1		Ye					
Box Truck				LAWES	S 2 Y		Υe	es				
Horiba U-52				Pine			Ye	es				
Material Description	Imported/ Delivered to Site	Exported off Site		aste Profile Applicable)		r Disposal Applicable)	Daily Loads	Daily Weigh (tons)				
N/A								, ,				
*On-Site scale for off-site ship	mont delivere			und								
Equipment/Material Trac			nai receli									
Visitors to Site												
Visitors to Site Name			Re	presenting		Entered Exc	lusion/CR	Z Zone				
Name			Re	presenting				Z Zone				
Name			Re	presenting	Y	es	No	Z Zone				
Name			Re	presenting	Y	ïes ïes	No No	Z Zone				
Name			Re	presenting	Y	es	No	Z Zone				
Name			Re	presenting	Y Y Y	ïes ïes	No No	Z Zone				
N/A			Re	presenting	Y Y Y	ïes ïes	No No No	Z Zone				
N/A N/A Site Representatives			Re	presenting	Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name			Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
N/A Site Representatives Name N/A			Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name	nments		Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name N/A Project Schedule Com None.	nments		Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name N/A Project Schedule Com None. Issues Pending	nments		Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name N/A Project Schedule Com None. Issues Pending	nments		Re		Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				
Name N/A Site Representatives Name N/A Project Schedule Com None.		Dwners, Me		Representing	Ү Ү Ү Ү	ïes ïes	No No No	Z Zone				



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



Locations that have been sampled or are in progress are circled in red.

	No photos.	
Comments		
N/A		

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes  $\Box$ 



### DAILY INSPECTION REPORT - No. 016 Dzus Fastener OU 1- 6 SM, Site No. 152033

# **On-Site Waste Storage**

Drums, roll offs and piles are staged in secure areas?	Yes 🖂	No 🗆	N/A□
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes 🗆	No 🗆	N/A⊠
Containers are in good condition or properly overpacked?	Yes 🖂	No 🗆	N/A□
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes 🗆	No 🗆	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes 🛛	No 🗆	N/A□
Piles are securely covered when not in use?	Yes 🗆	No 🗆	N/A⊠
Containers are closed when not in use?	Yes 🖂	No 🗆	N/A□
Staging areas should be inspected periodically and any issues addressed immediately?	Yes 🛛	No 🗆	N/A□
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes 🛛	No 🗆	N/A□
If any issues noted, has Contractor been notified?	Yes 🗆	No 🗆	N/A⊠
Comments: None.			

### NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes 🗆	No 🖂	N/A□
Were there any odors detected on this date?	Yes 🗆	No 🖂	N/A□
Was noise outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Were vibration readings outside specification and/or above background on this date?	Yes 🗆	No 🖂	N/A□
Any visible dust observed beyond the work perimeter on this date?	Yes 🗆	No 🖂	N/A□
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes 🗆	No 🗆	N/A⊠
Was turbidity checked at the outfall(s)?	AM 🗆	PM 🗆	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes 🗆	No 🖂	N/A□
Was the temporary fabric structure closed at the end of the day?	Yes 🗆	No 🗆	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No 🗆	N/A⊠
If yes, has Contractor been notified?	Yes □	No 🗆	N/A⊠
<u>Comments:</u> None.			



### DAILY INSPECTION REPORT - No. 016 Dzus Fastener OU 1- 6 SM, Site No. 152033

### **RESILIENCE/GREEN REMEDIATION CHECKLIST**

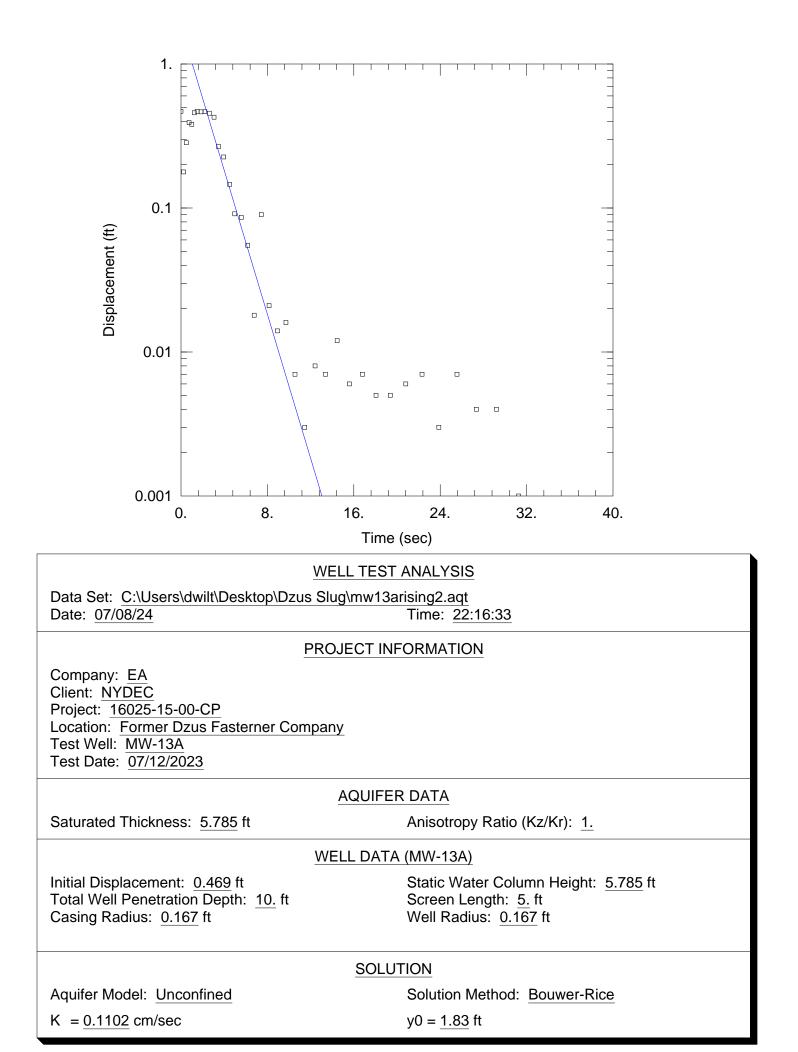
Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No 🗆	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes 🗆	No 🗆	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No 🗆	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No 🗆	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No 🗆	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes 🗆	No 🗆	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No 🗆	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes 🗆	No 🗆	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No 🗆	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No 🗆	N/A⊠
	Yes □	No 🗆	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No 🗆	N/A⊠
Comments:			
None.			

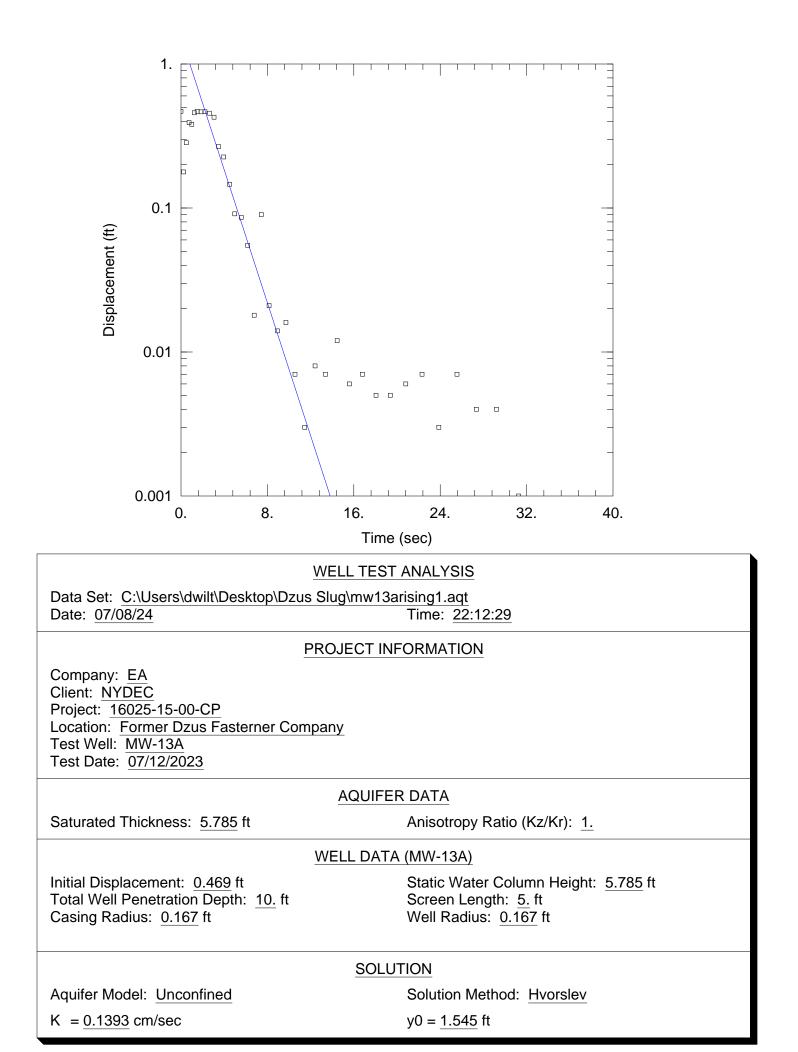


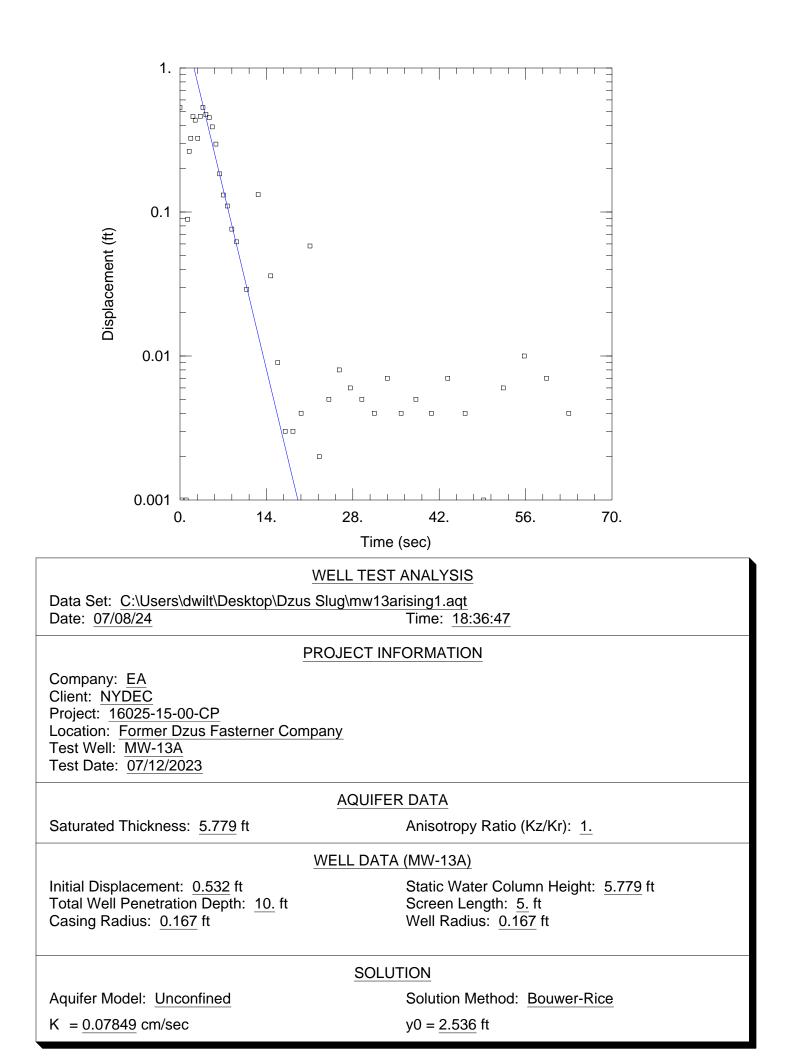
Appendix B

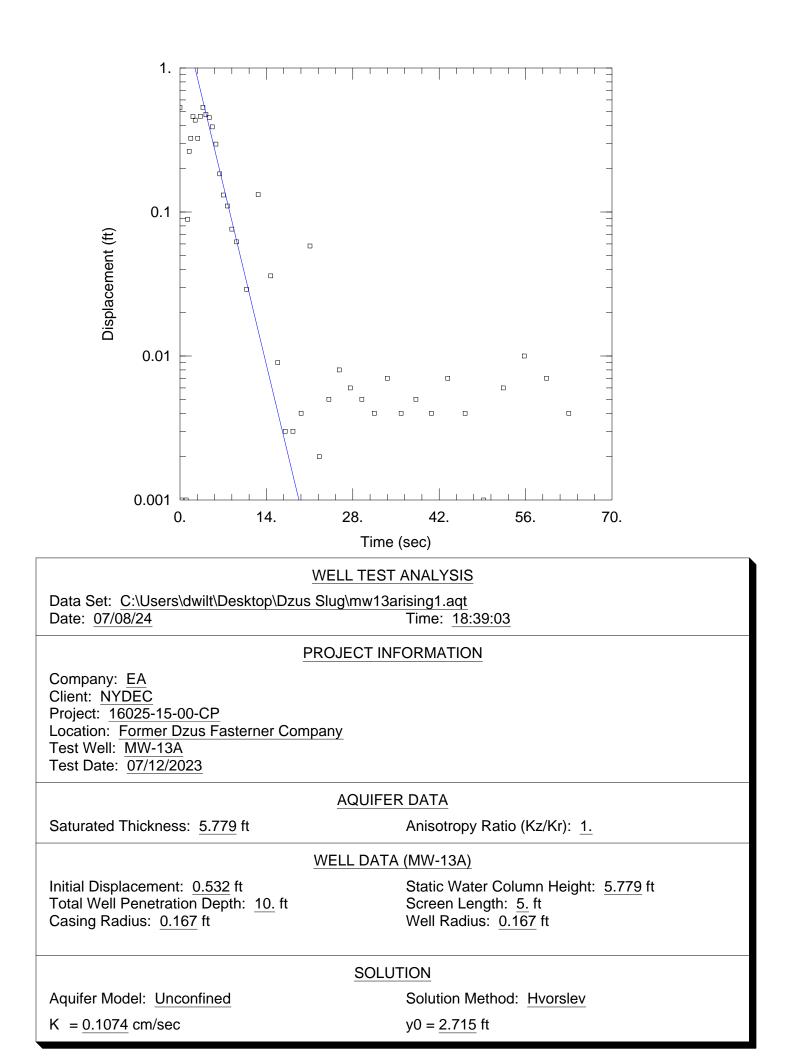
# **Slug Test & Hydraulic Conductivity Results**

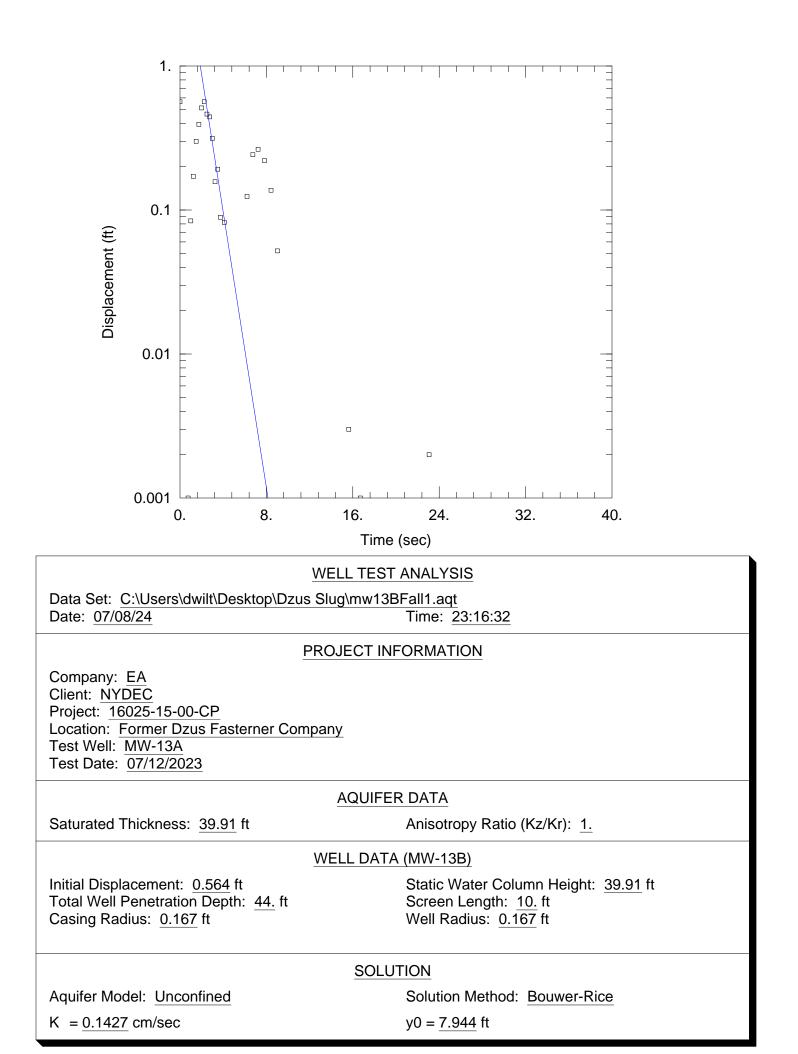
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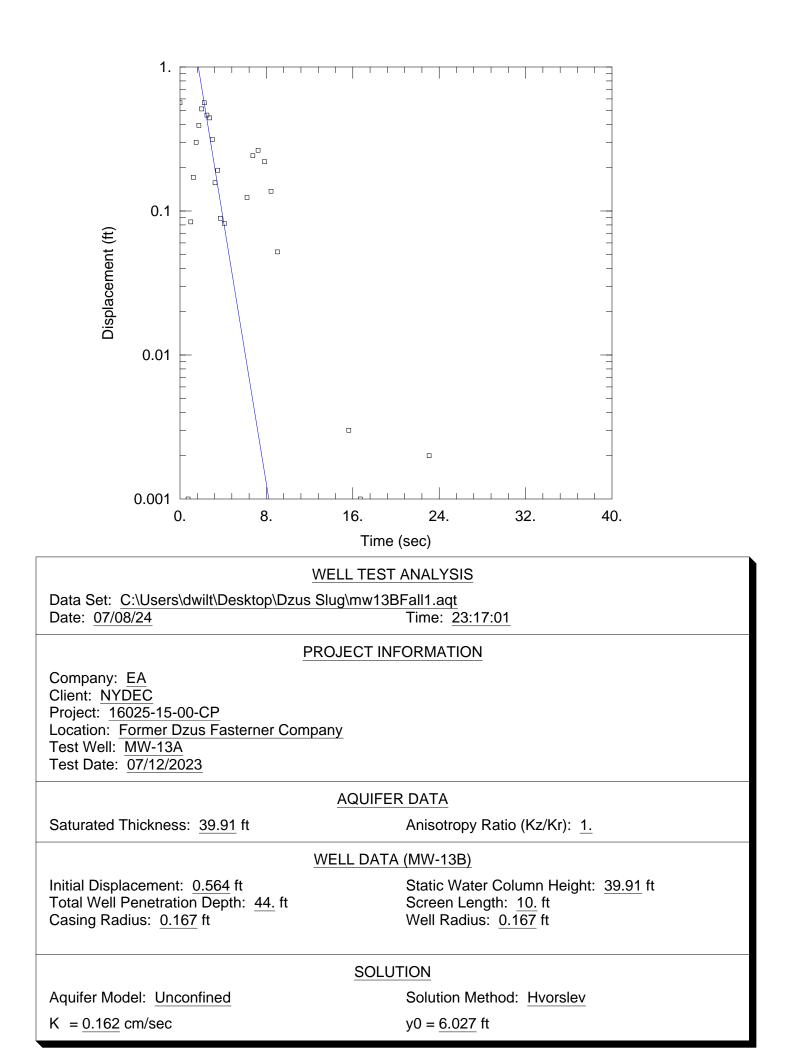


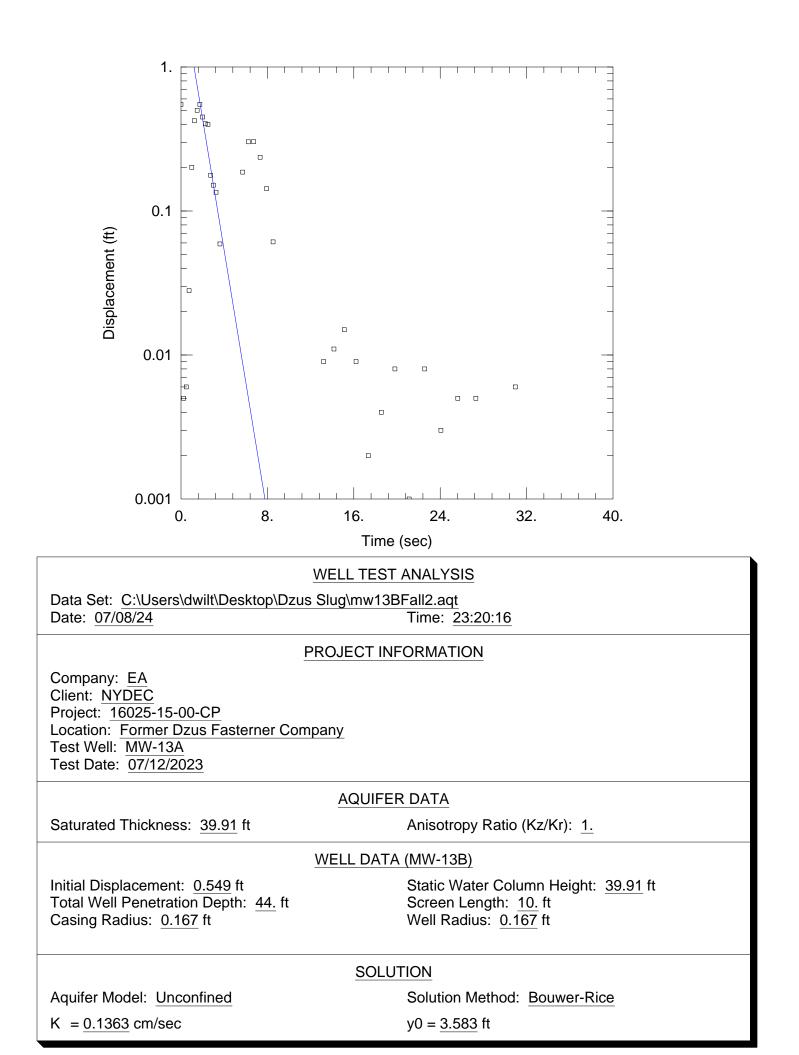


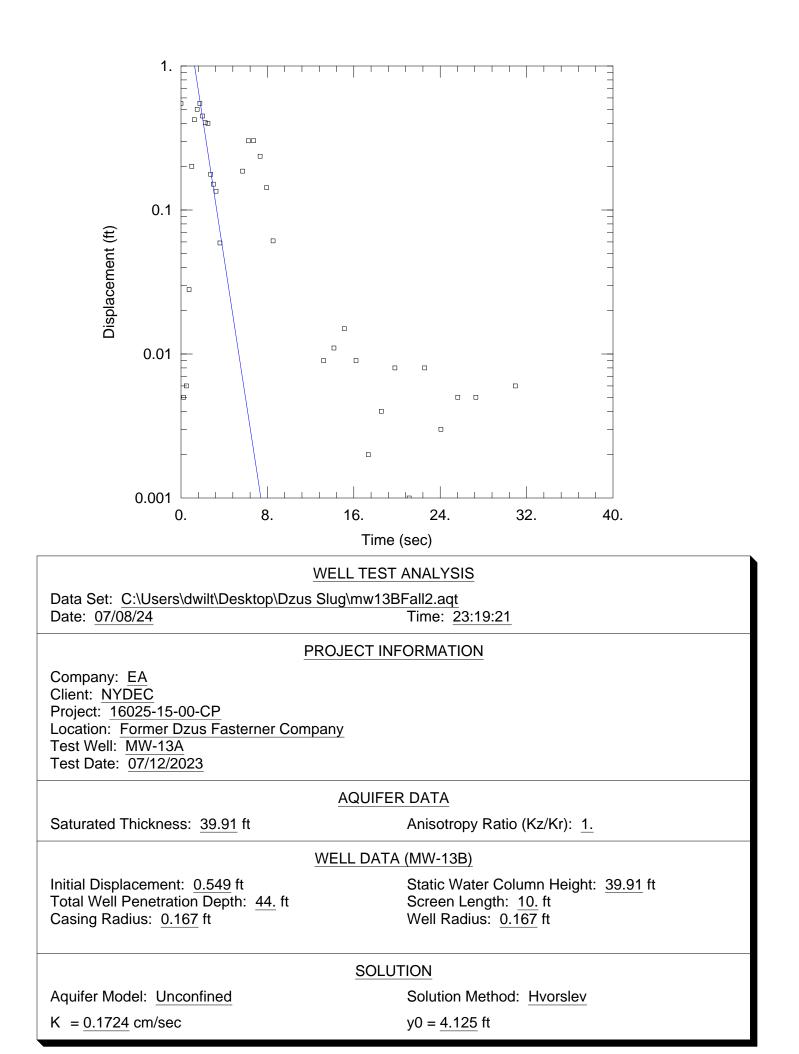


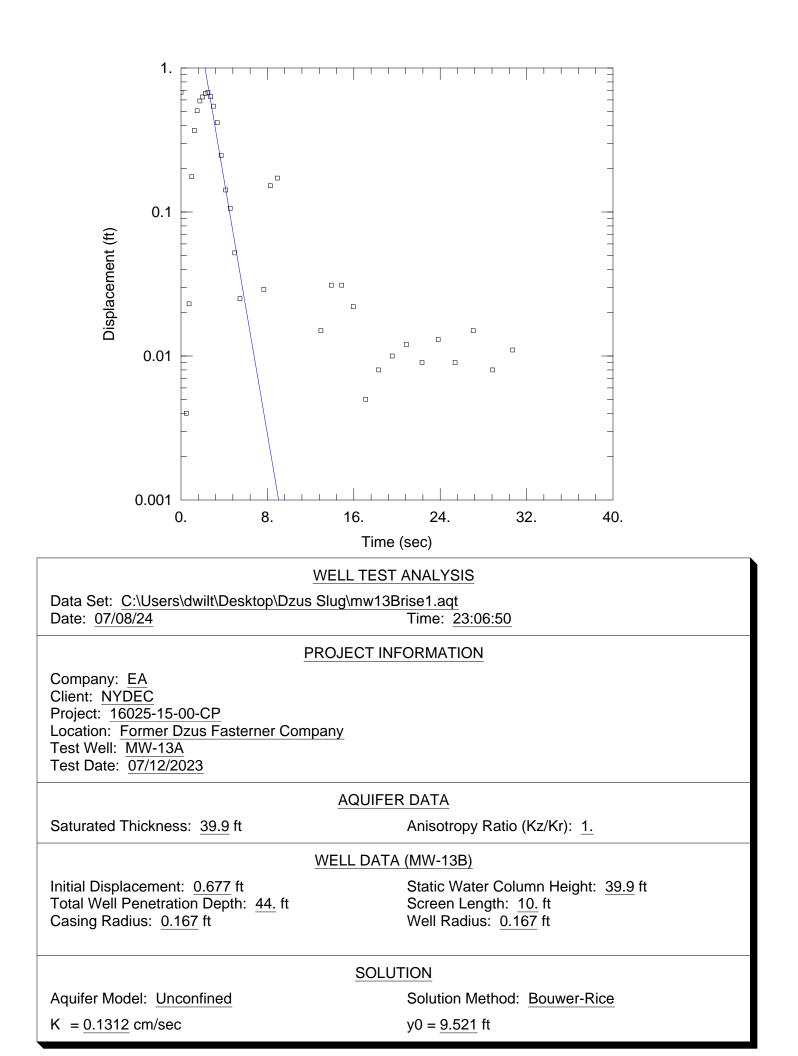


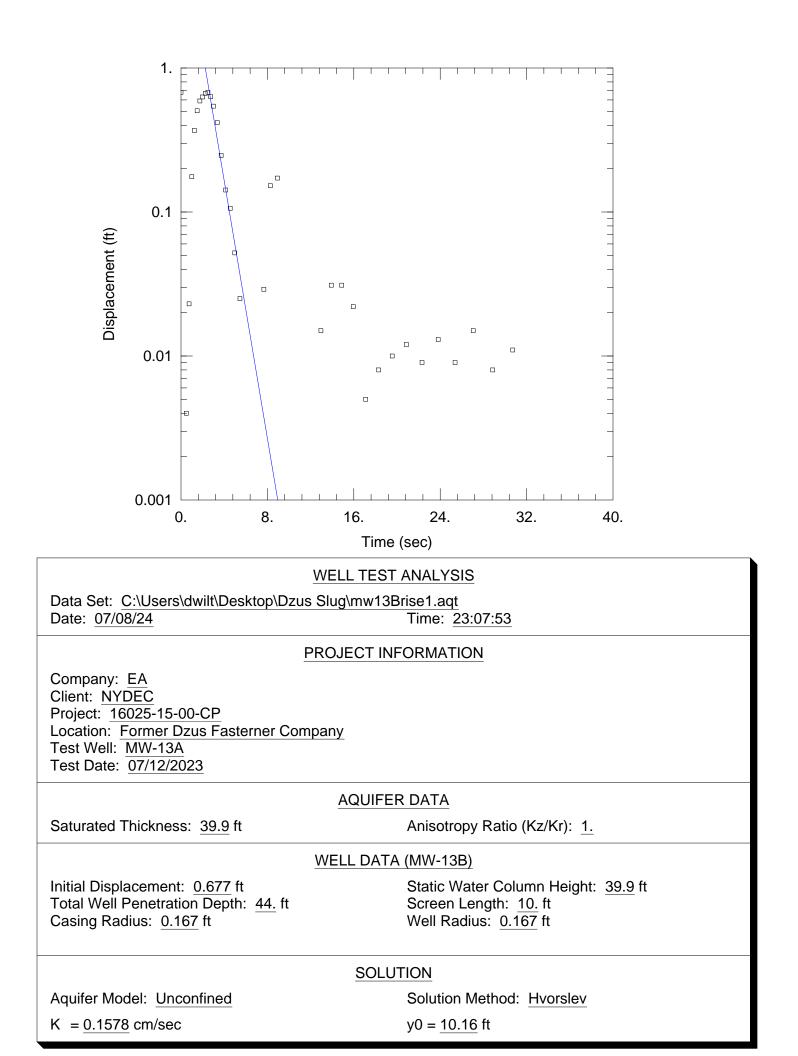


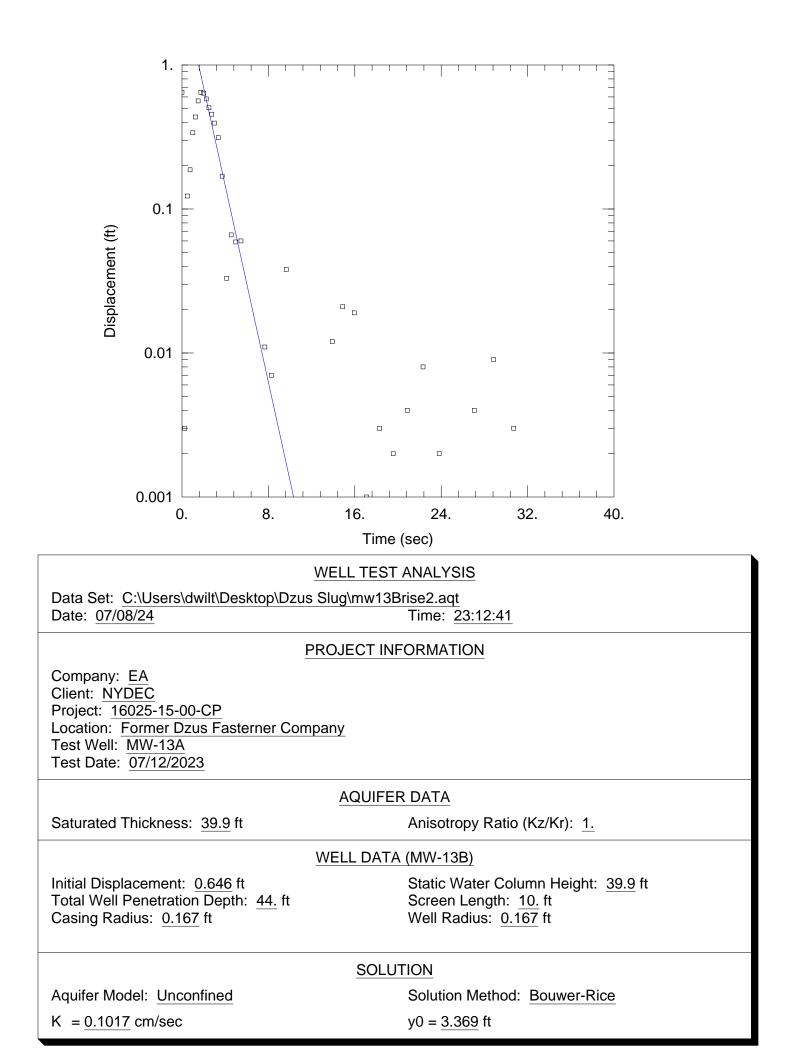


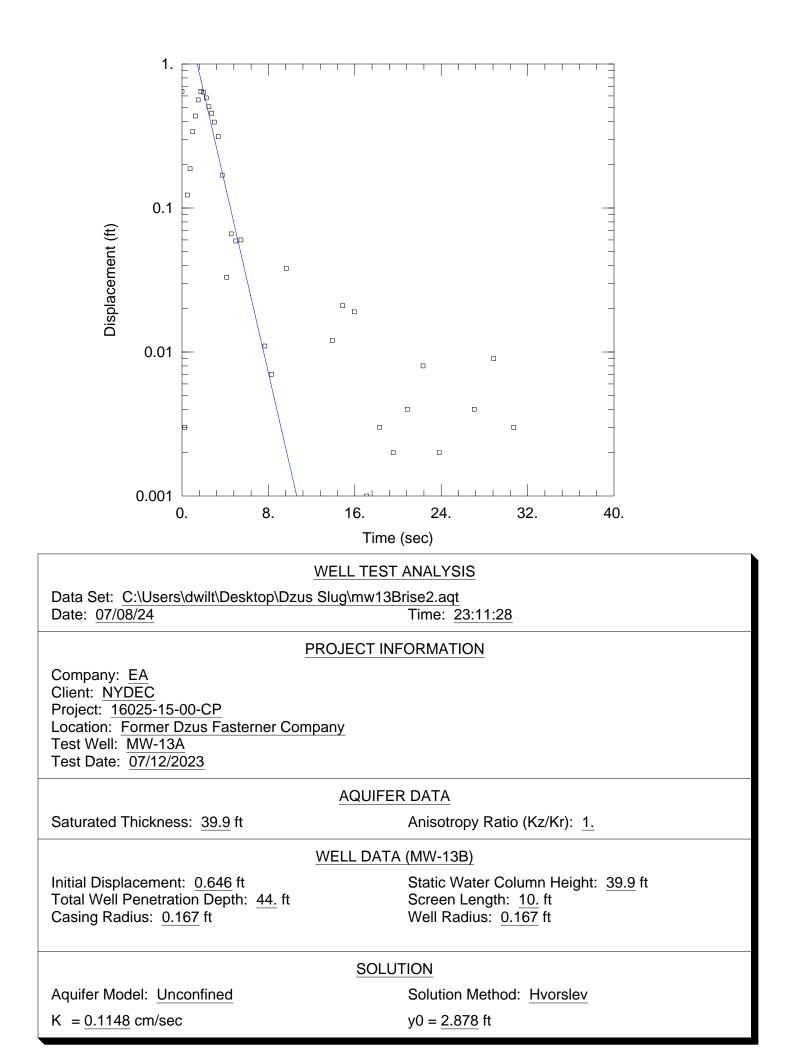


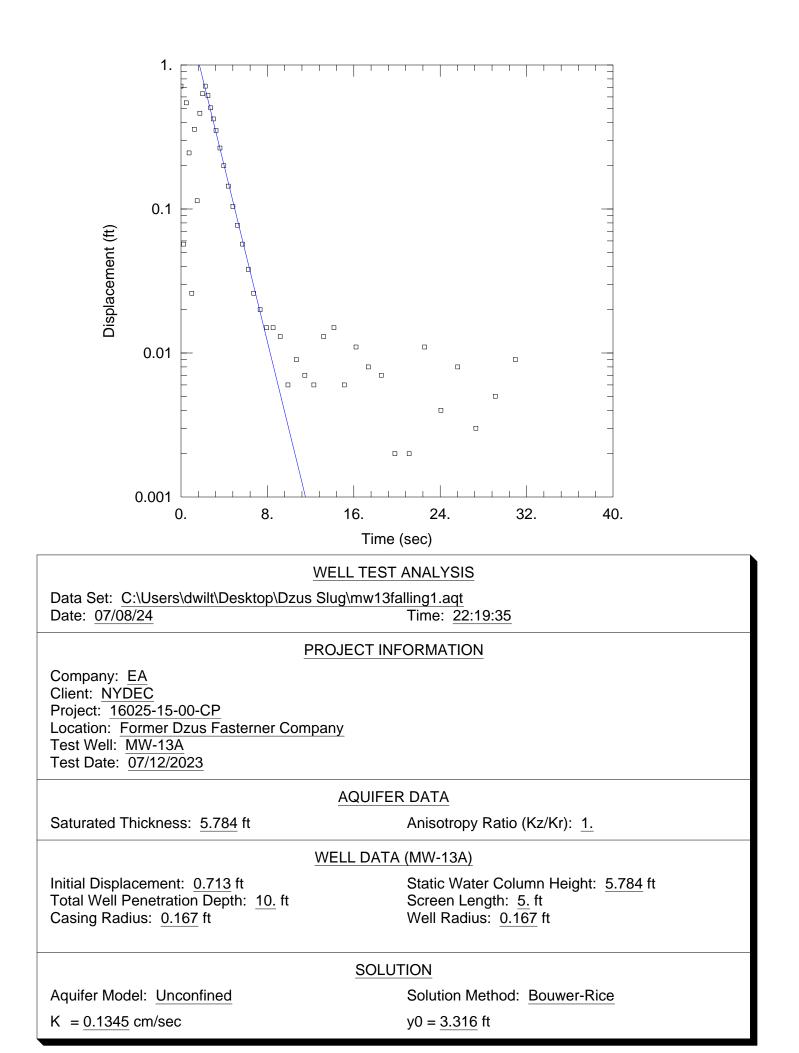


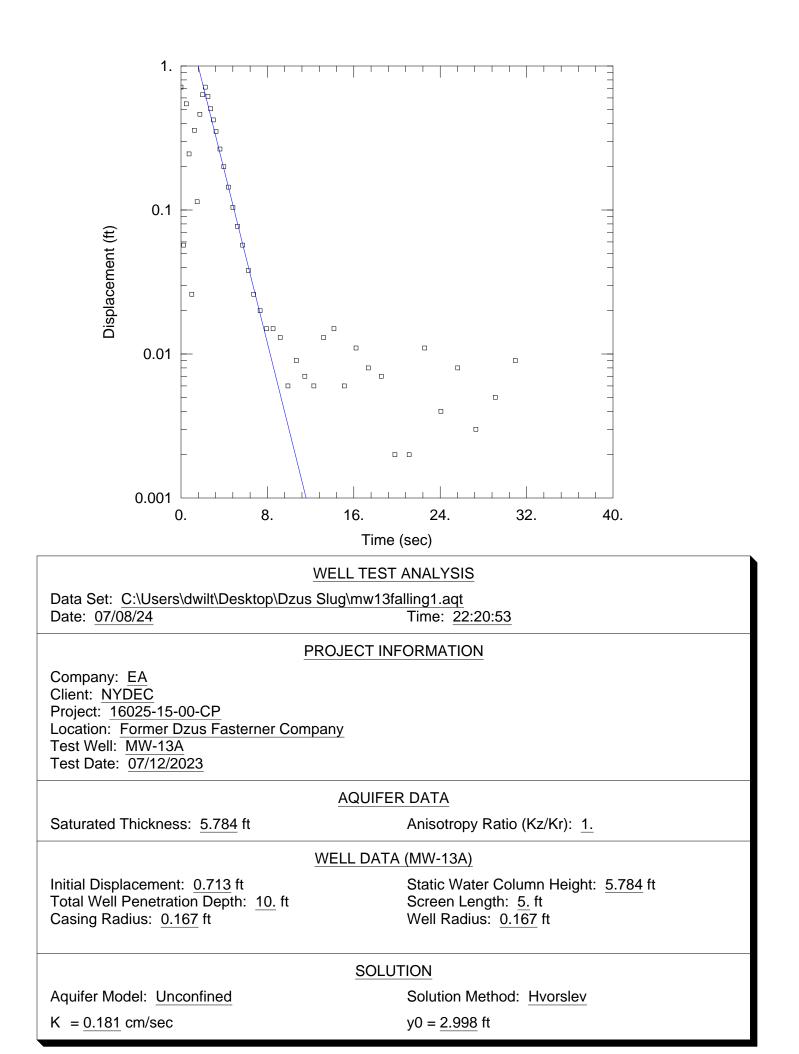


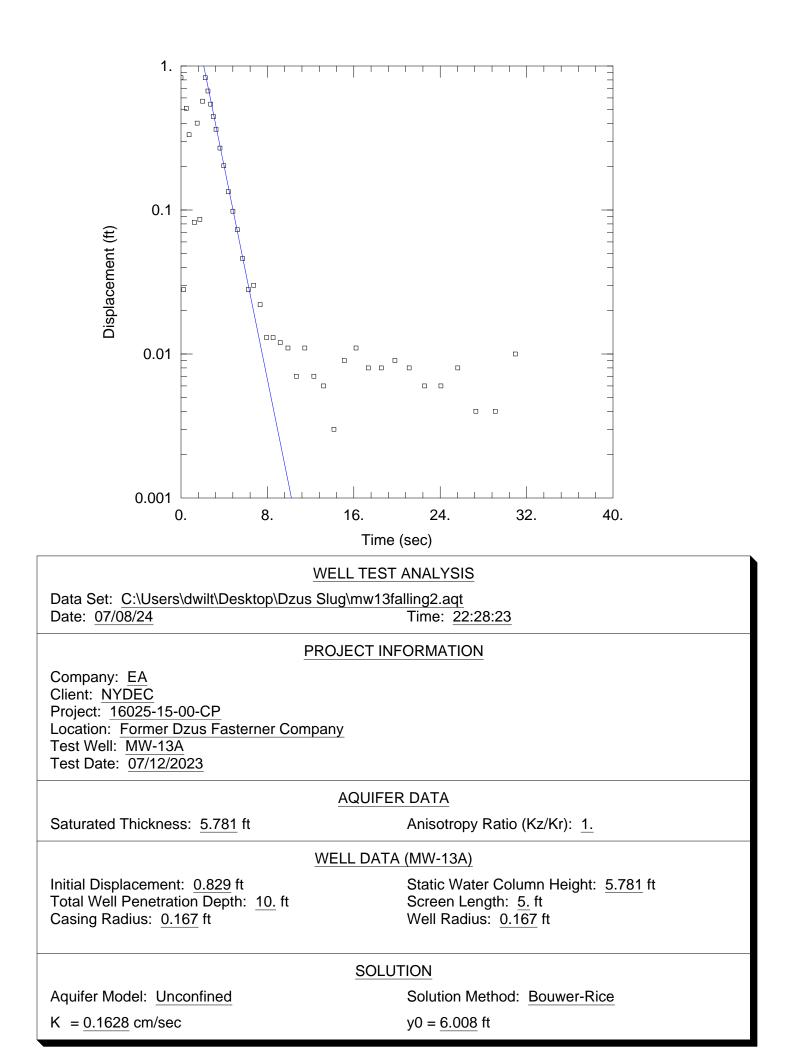


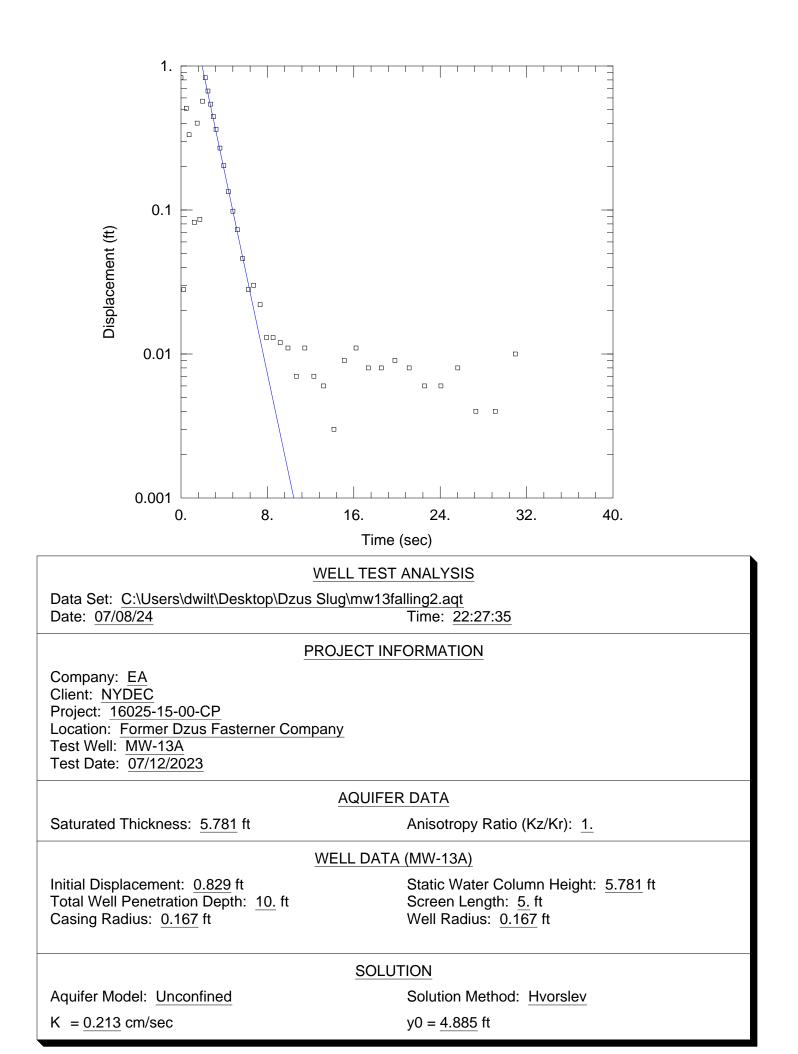


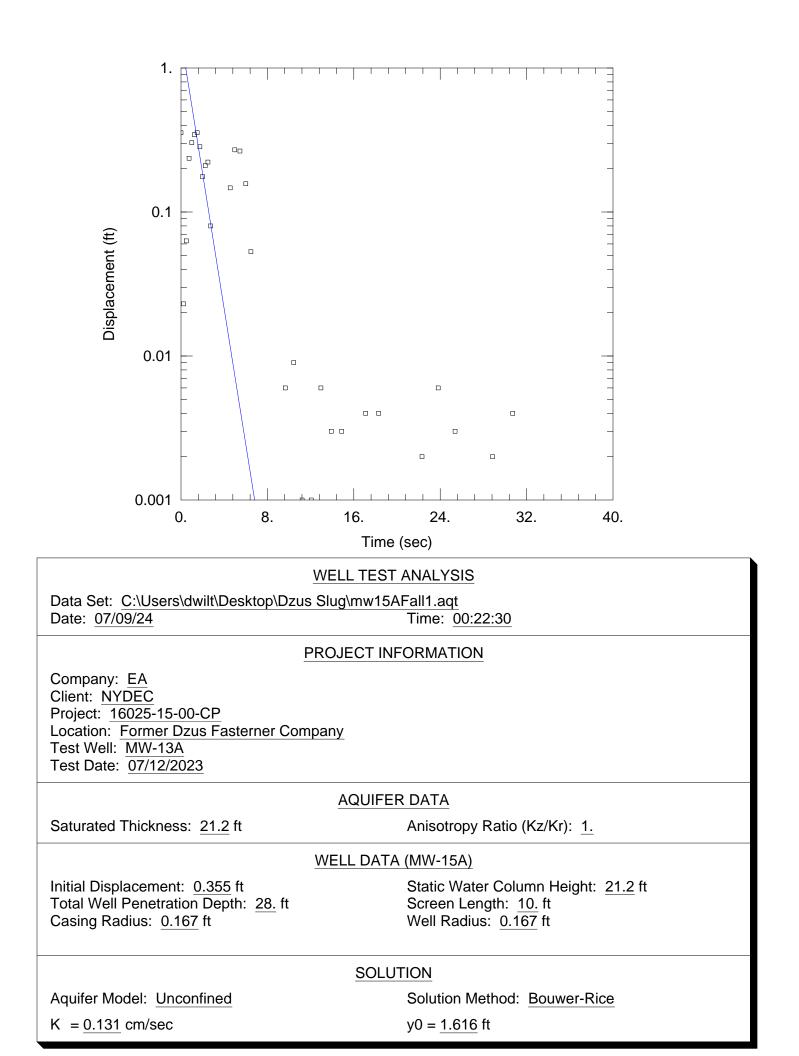


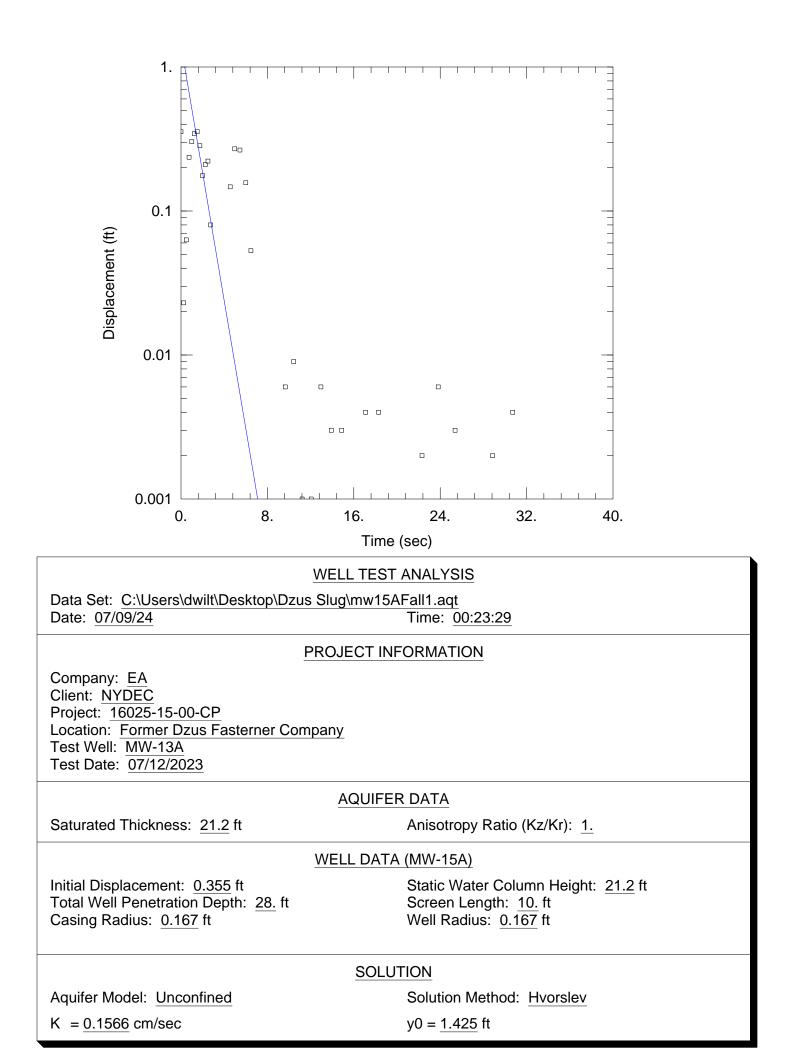


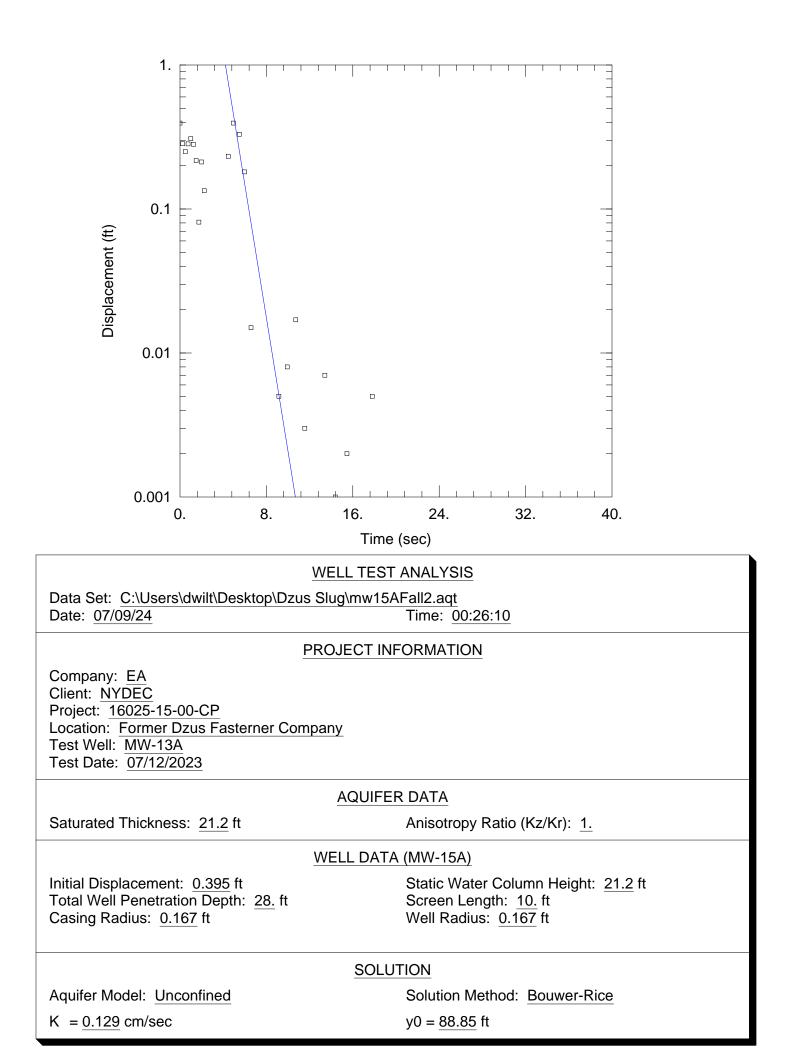


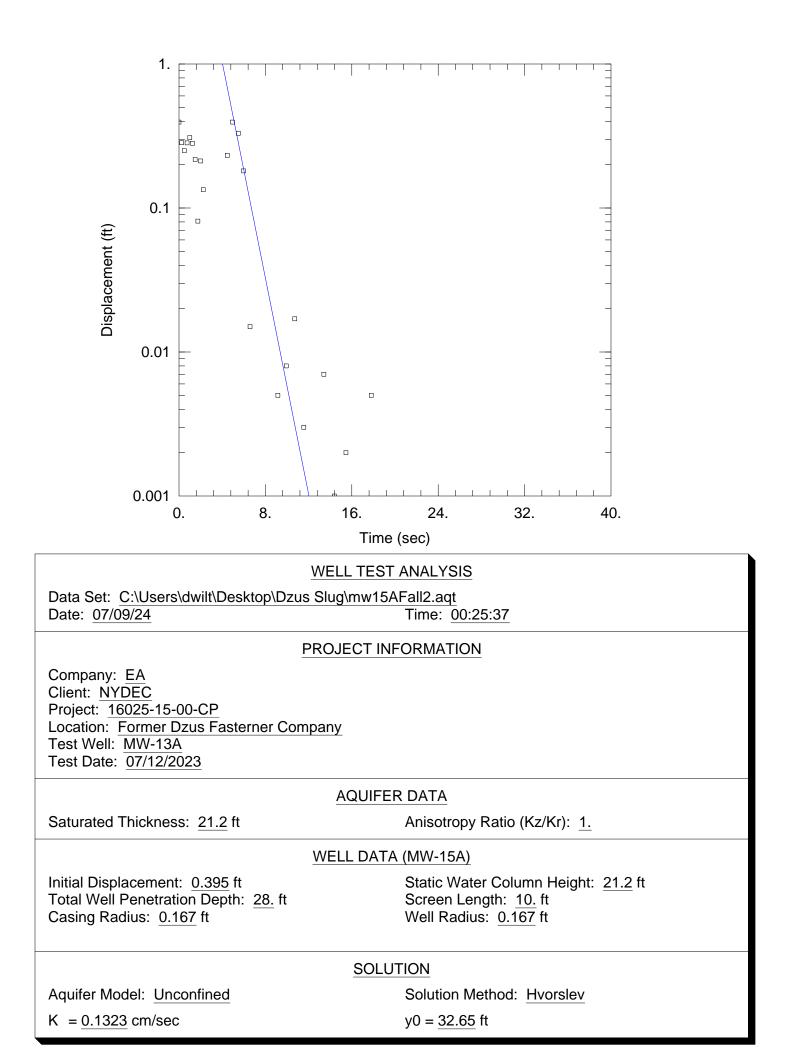


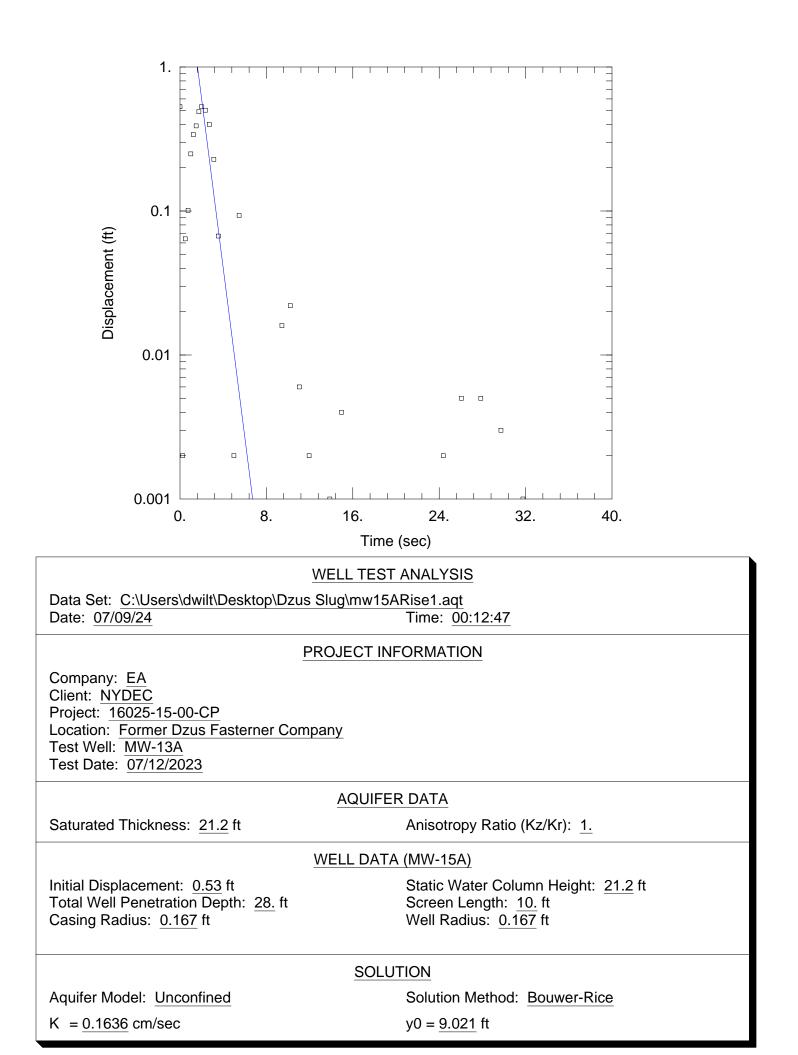


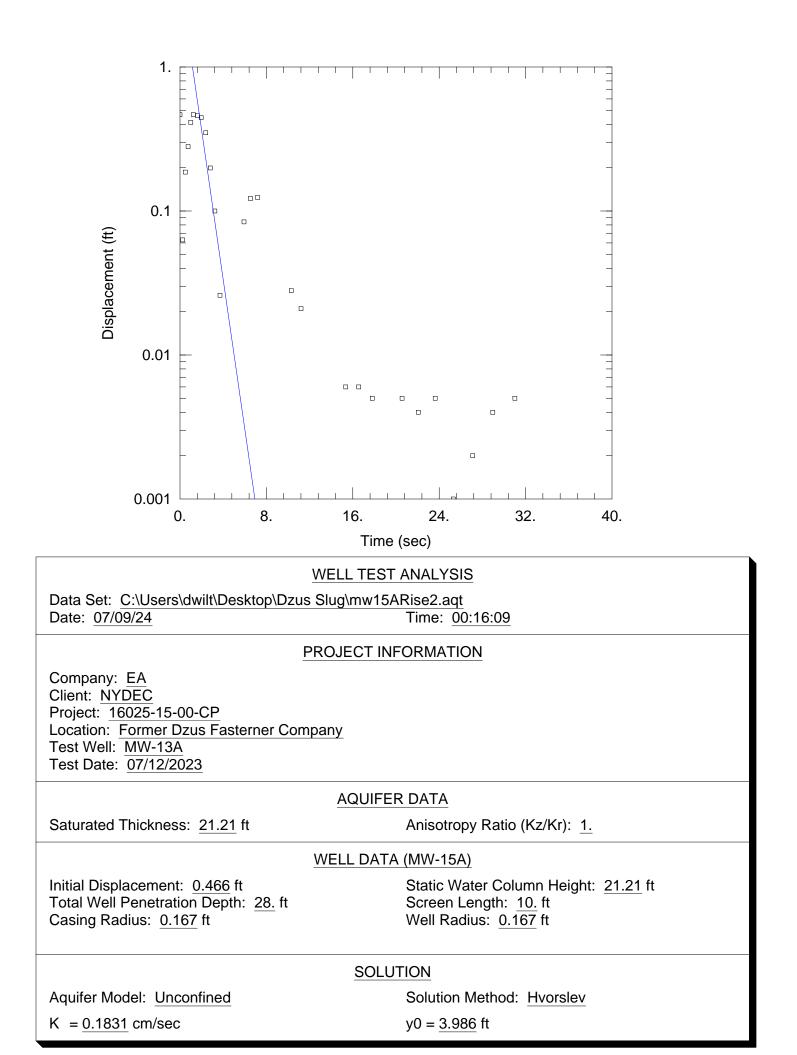


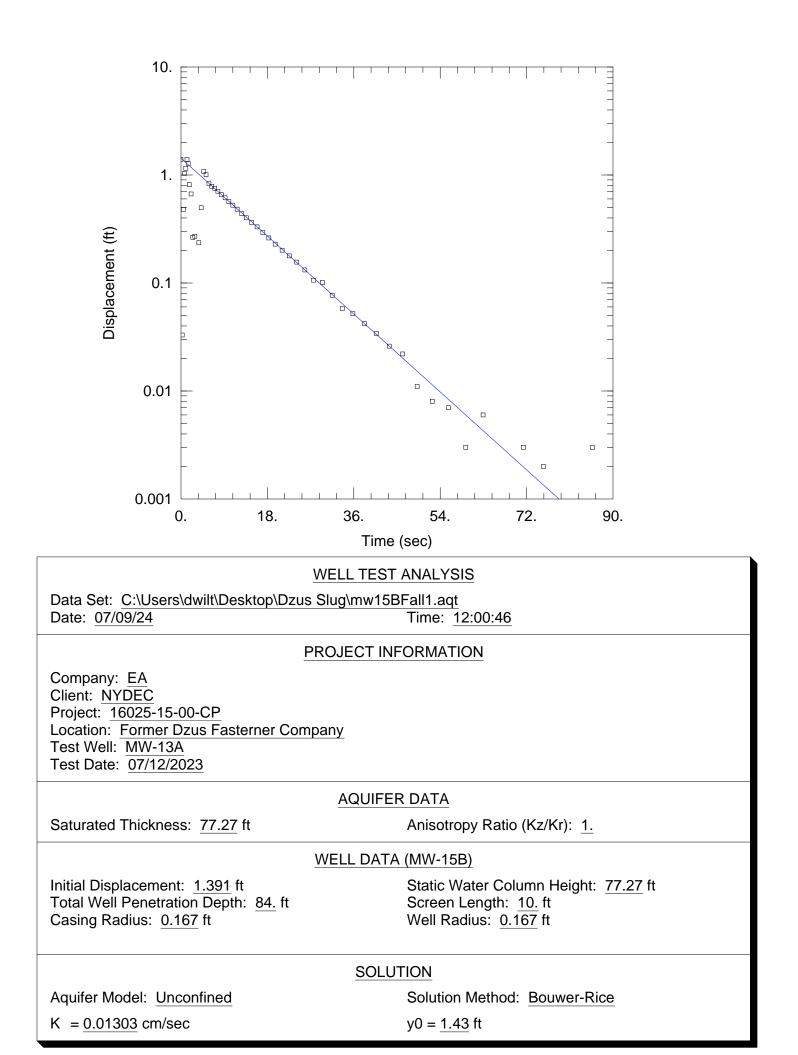


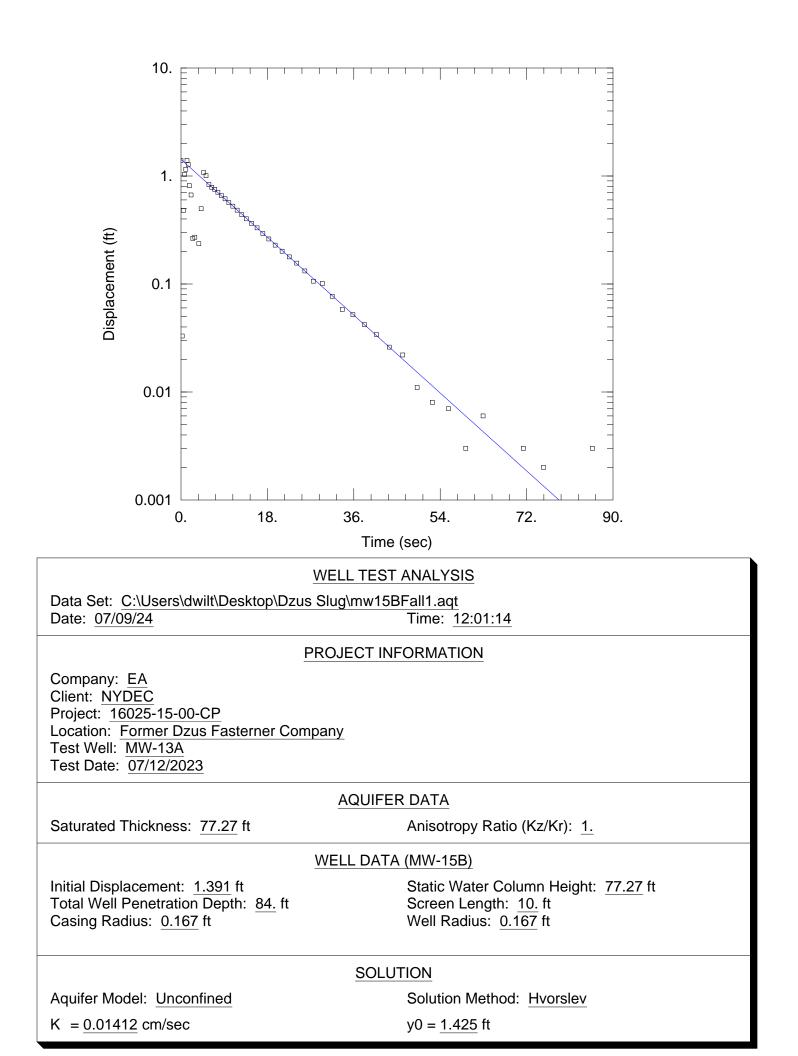


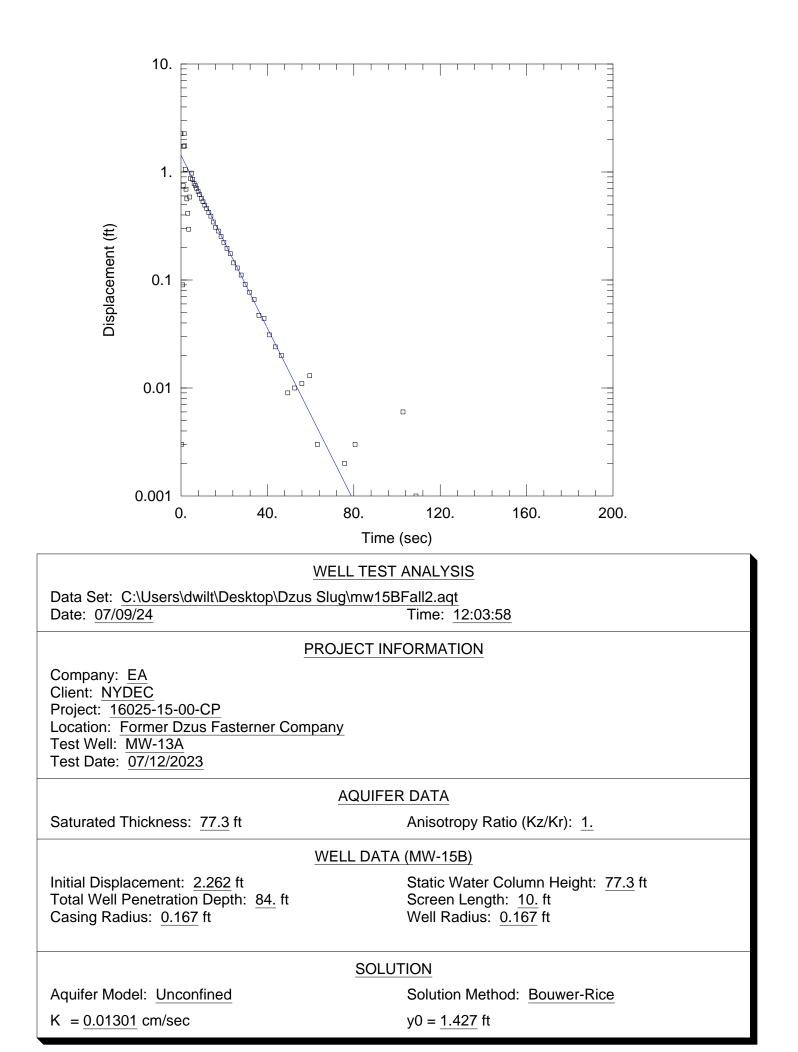


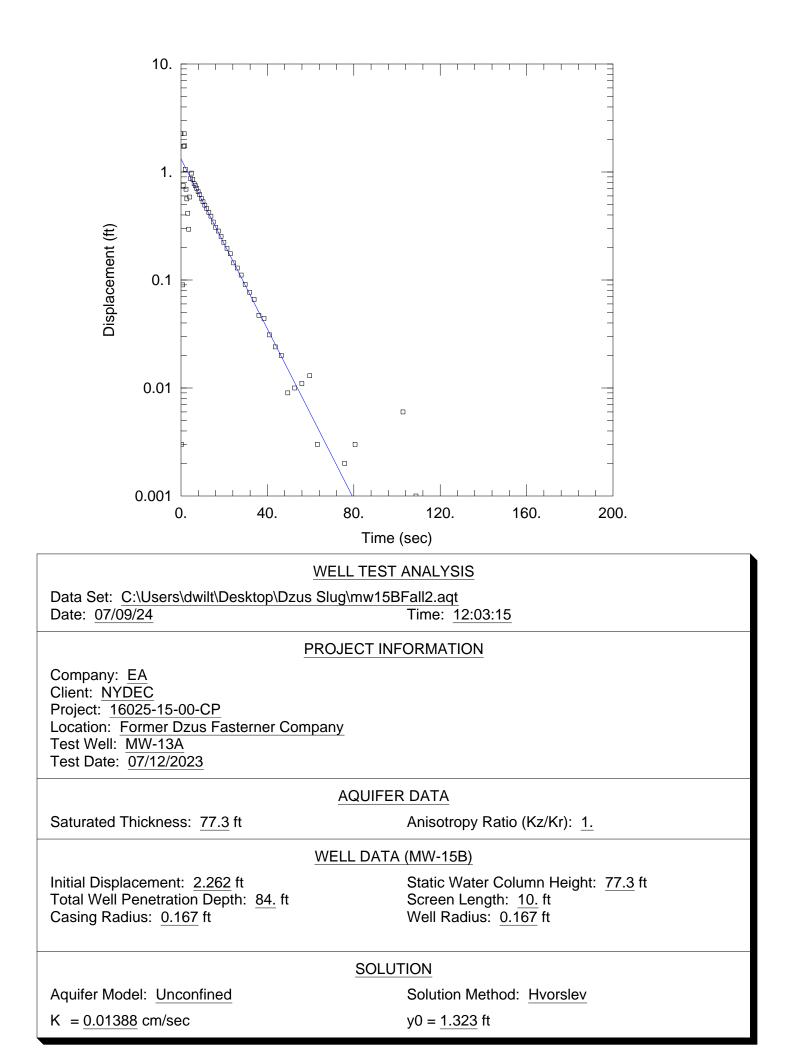


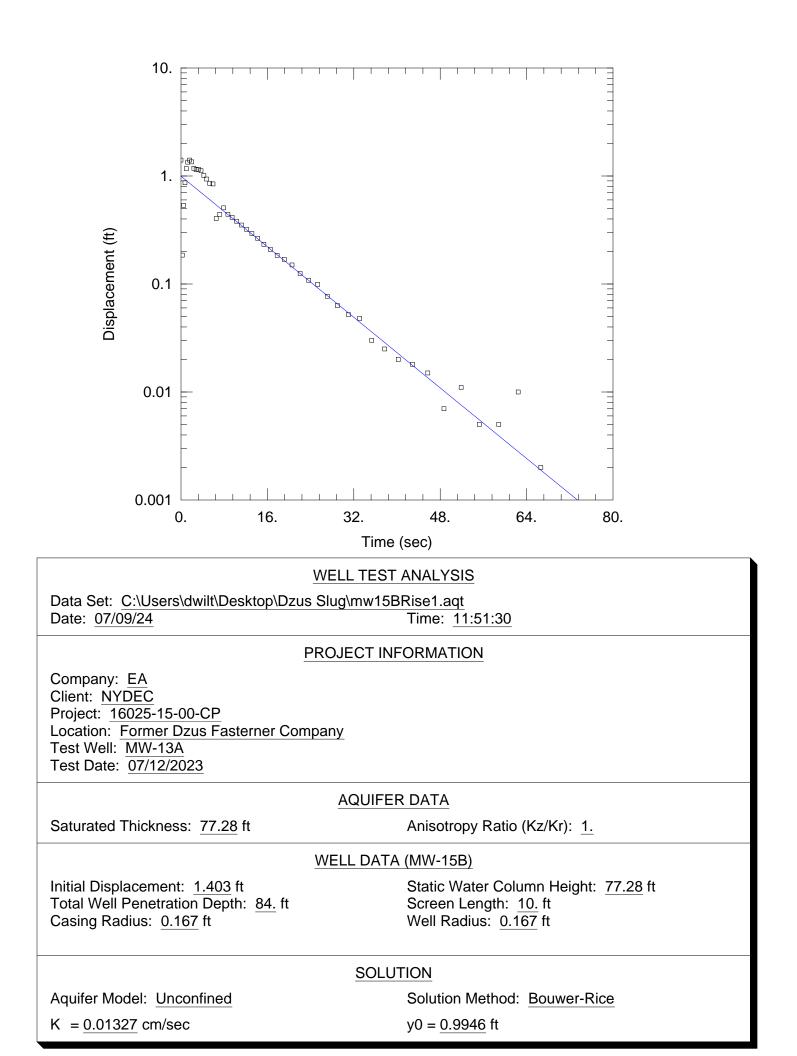


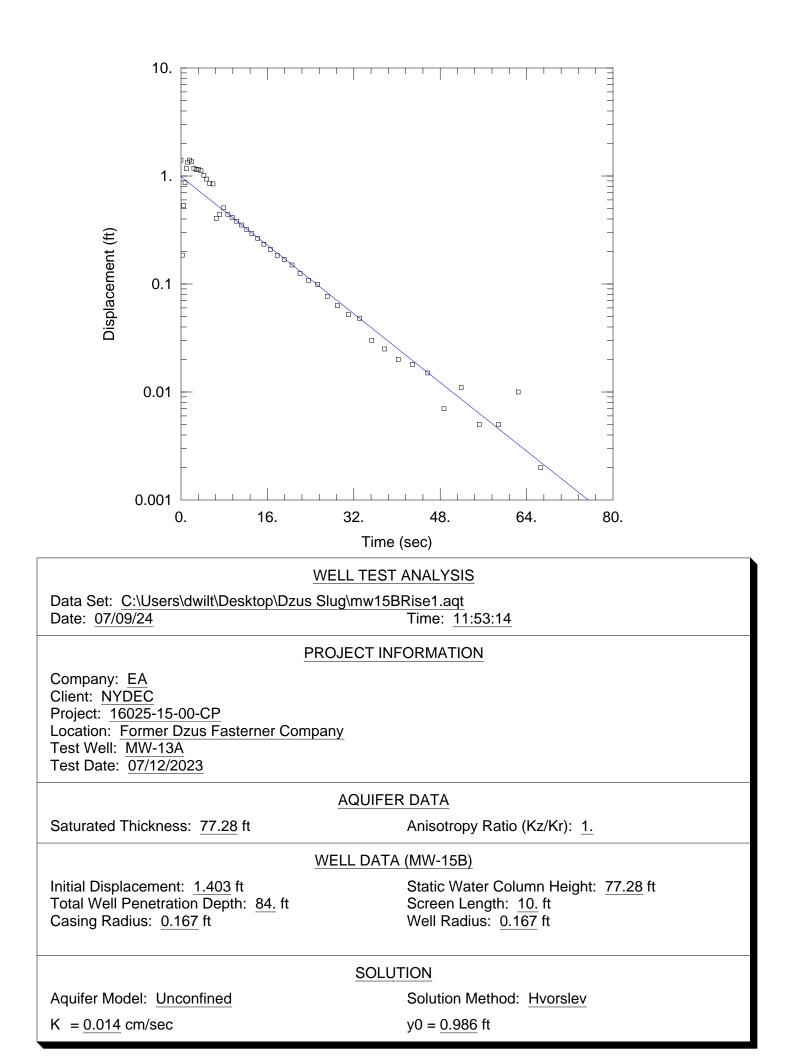


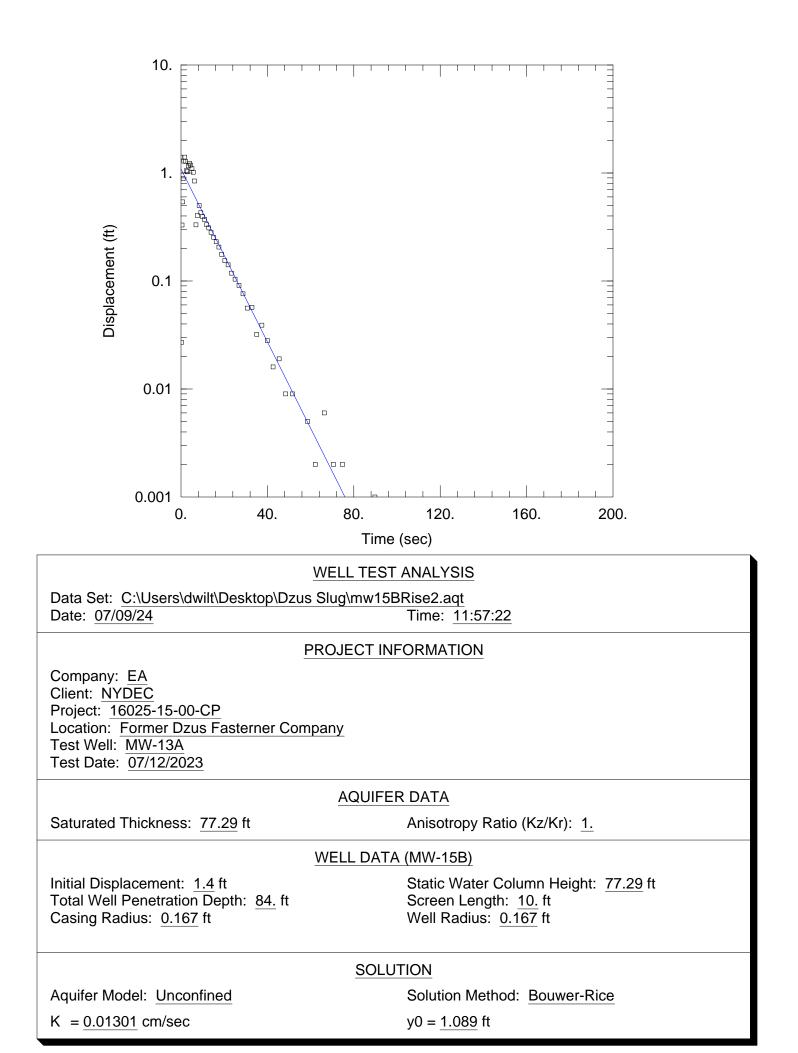


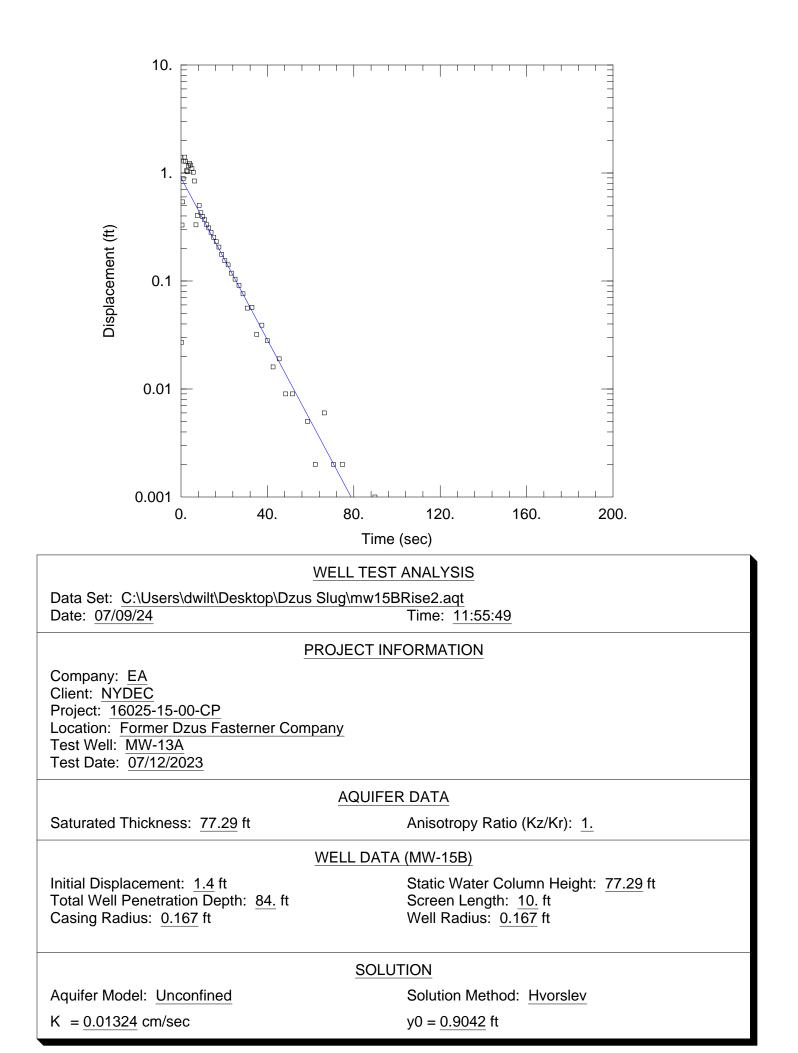


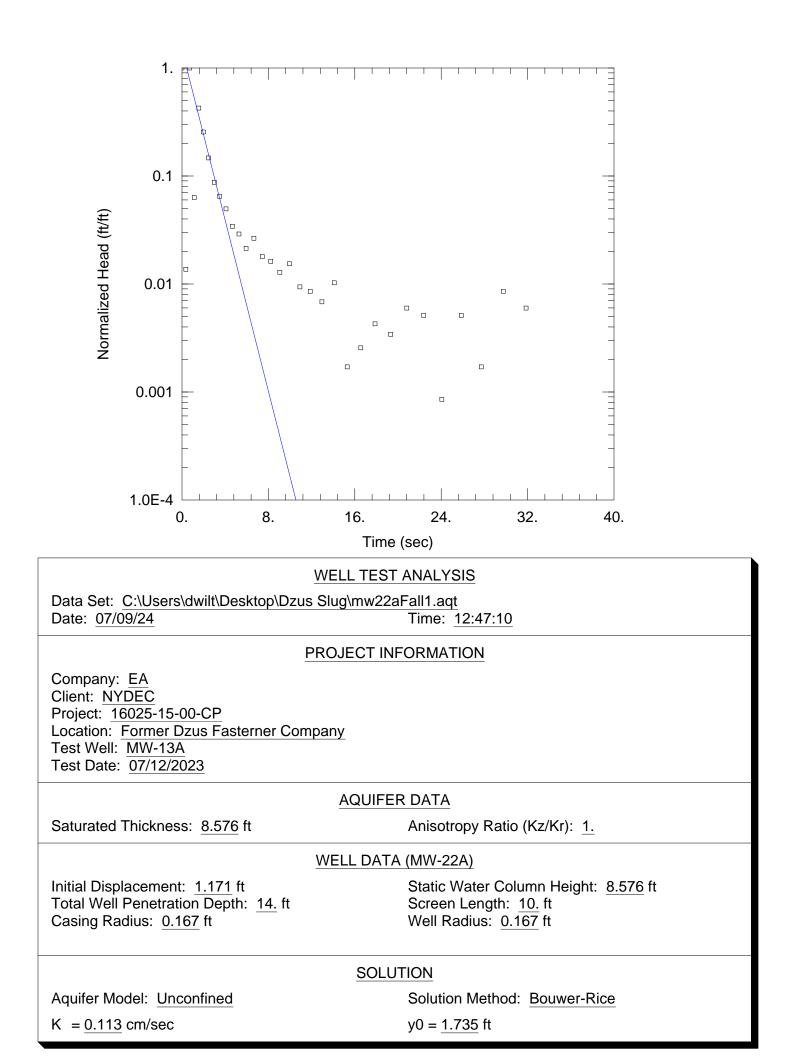


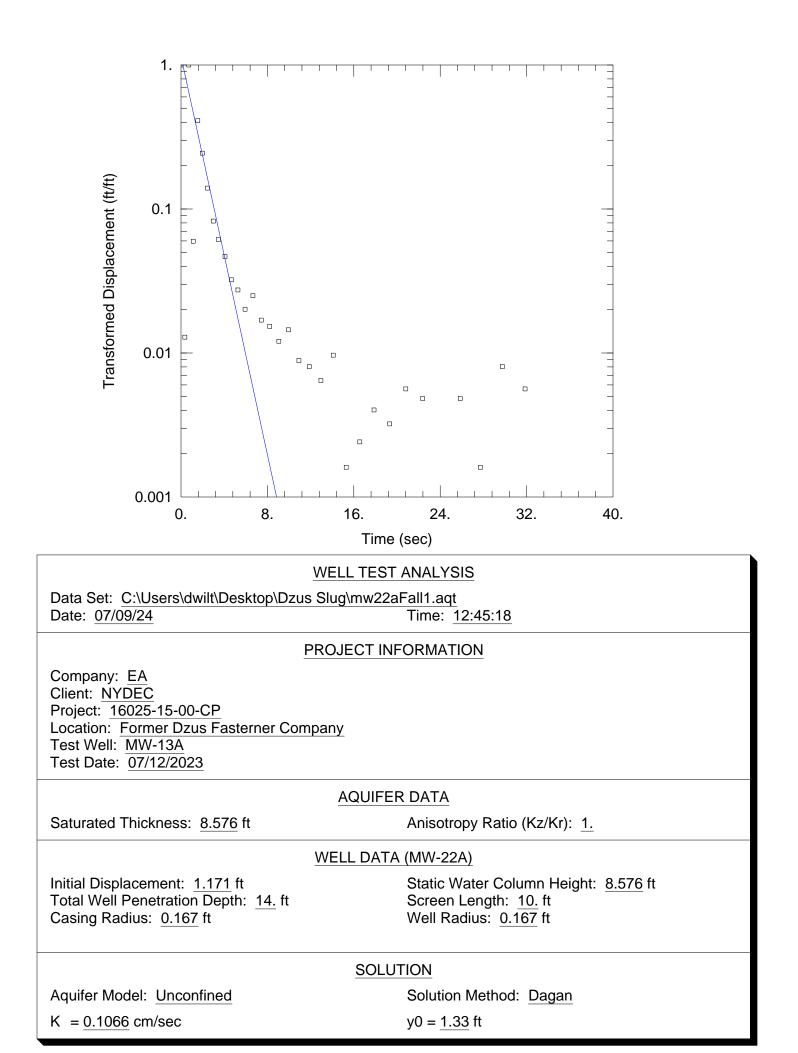


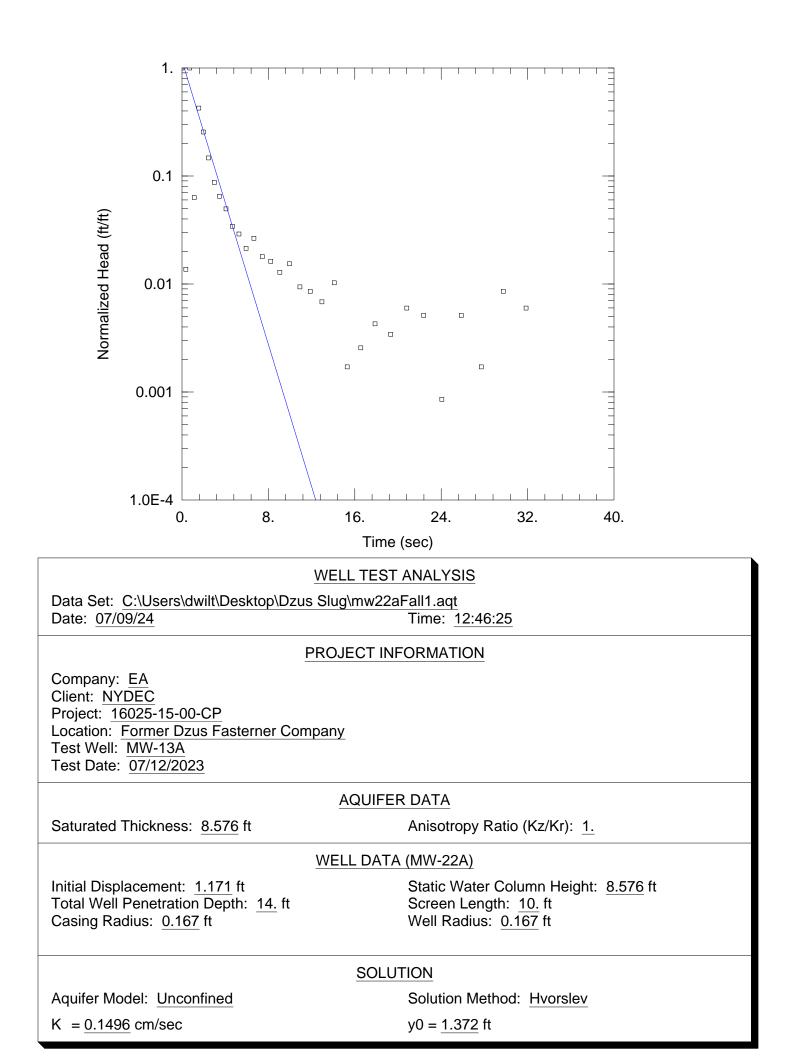


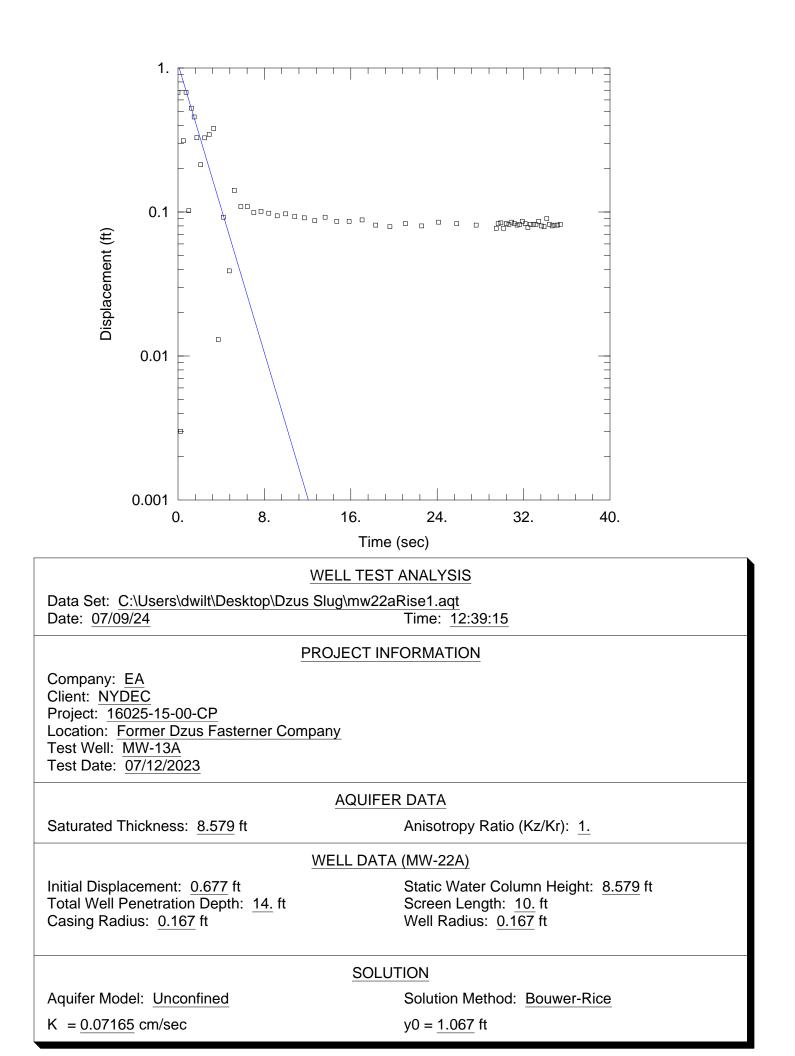


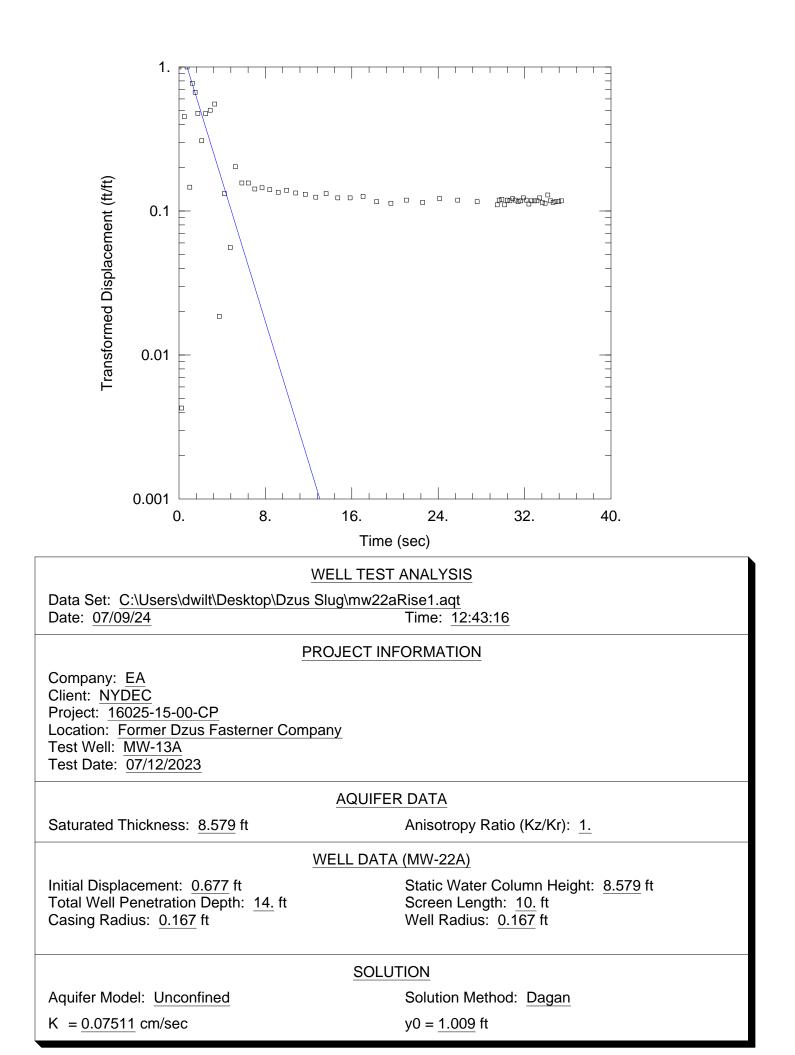


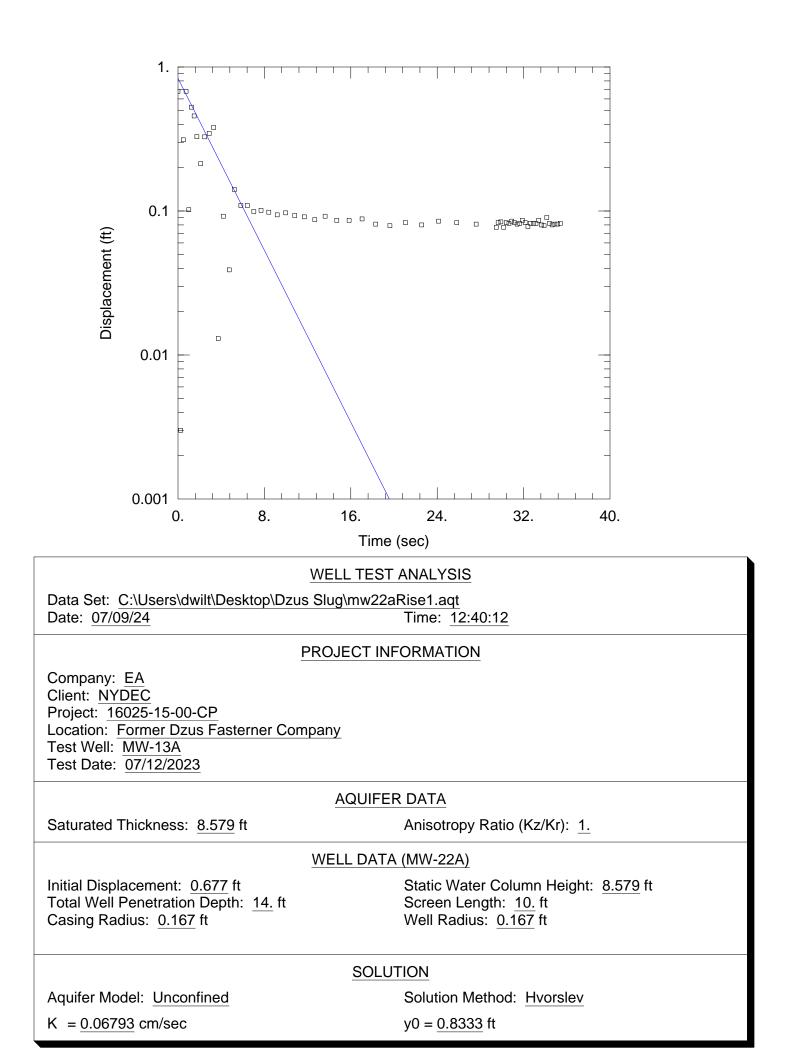


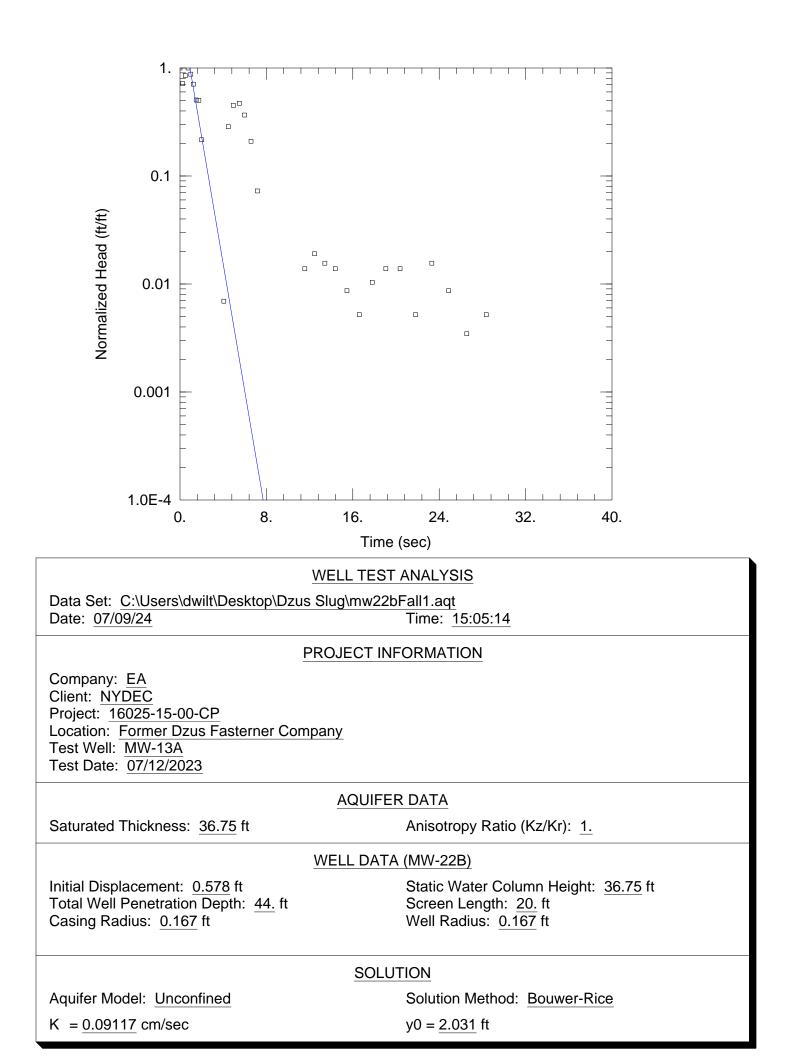


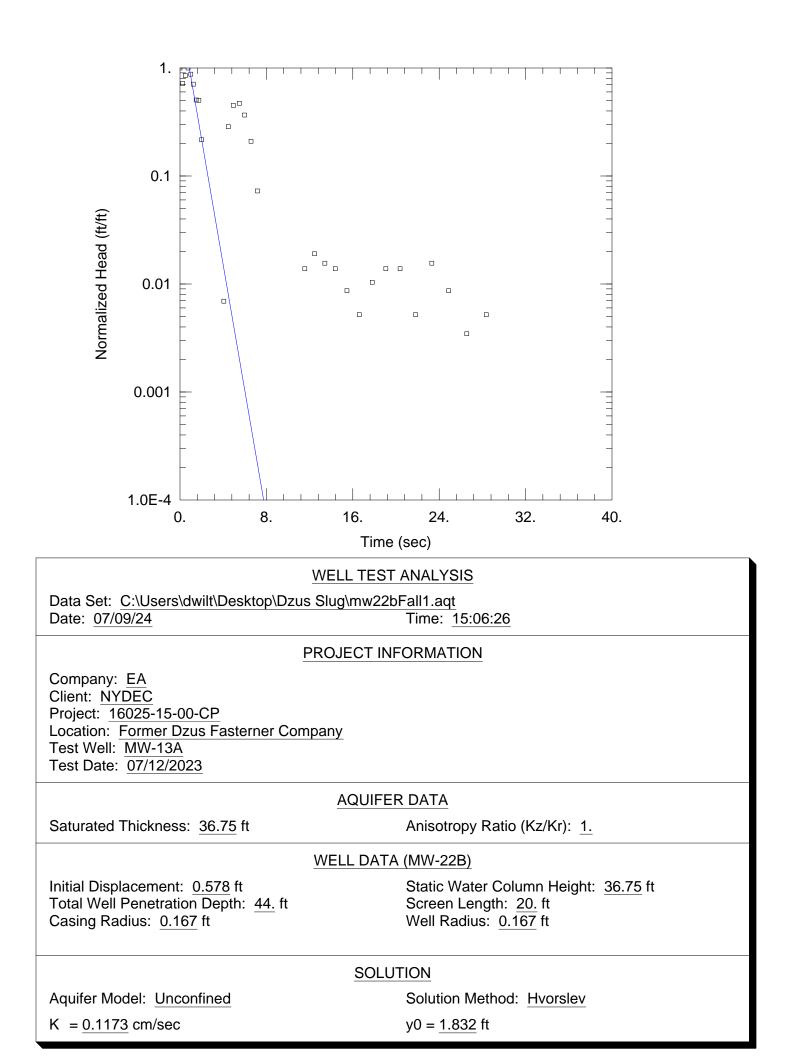


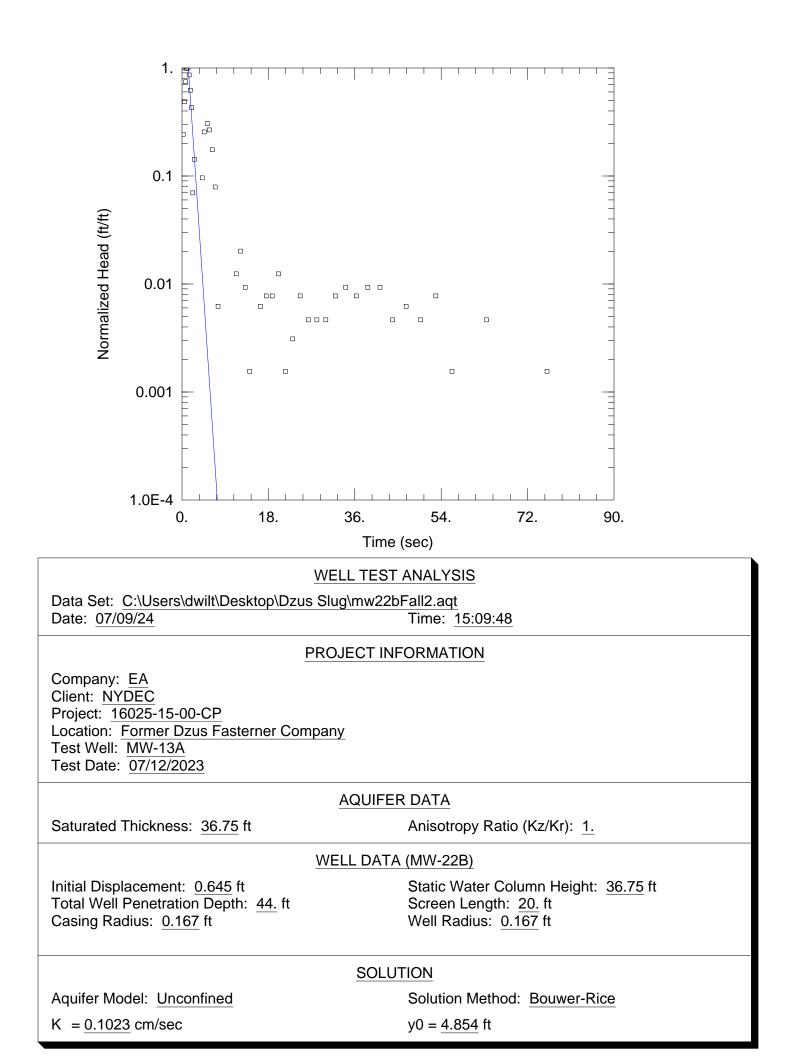


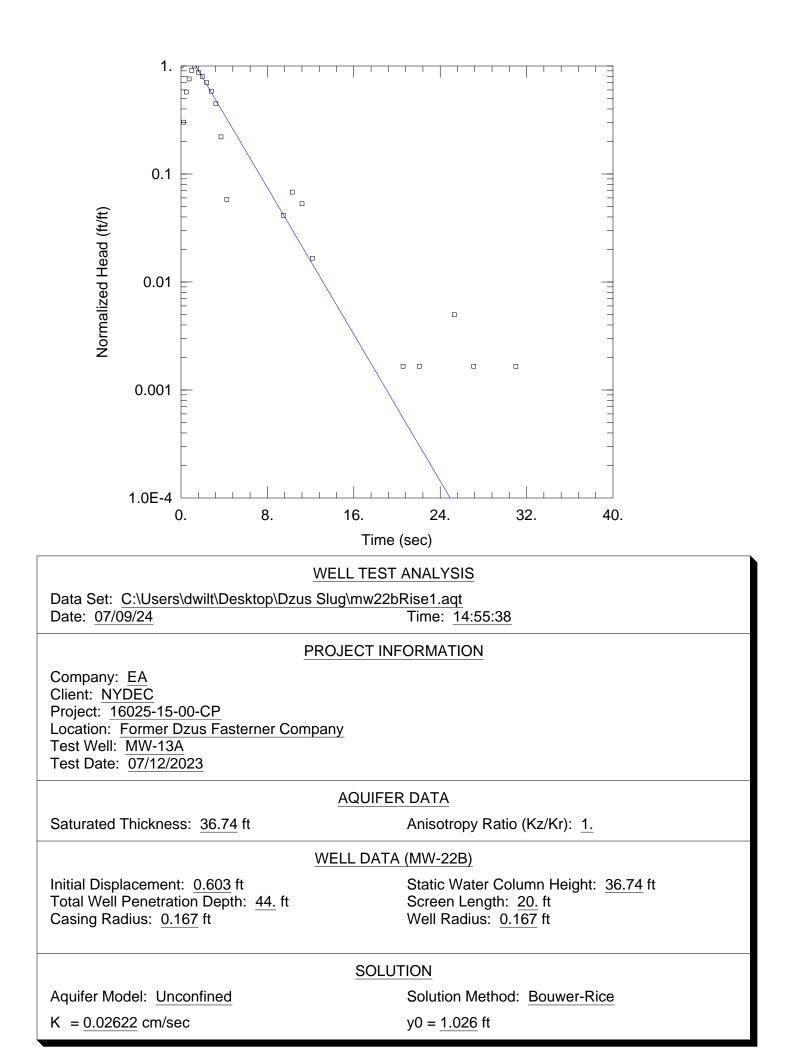


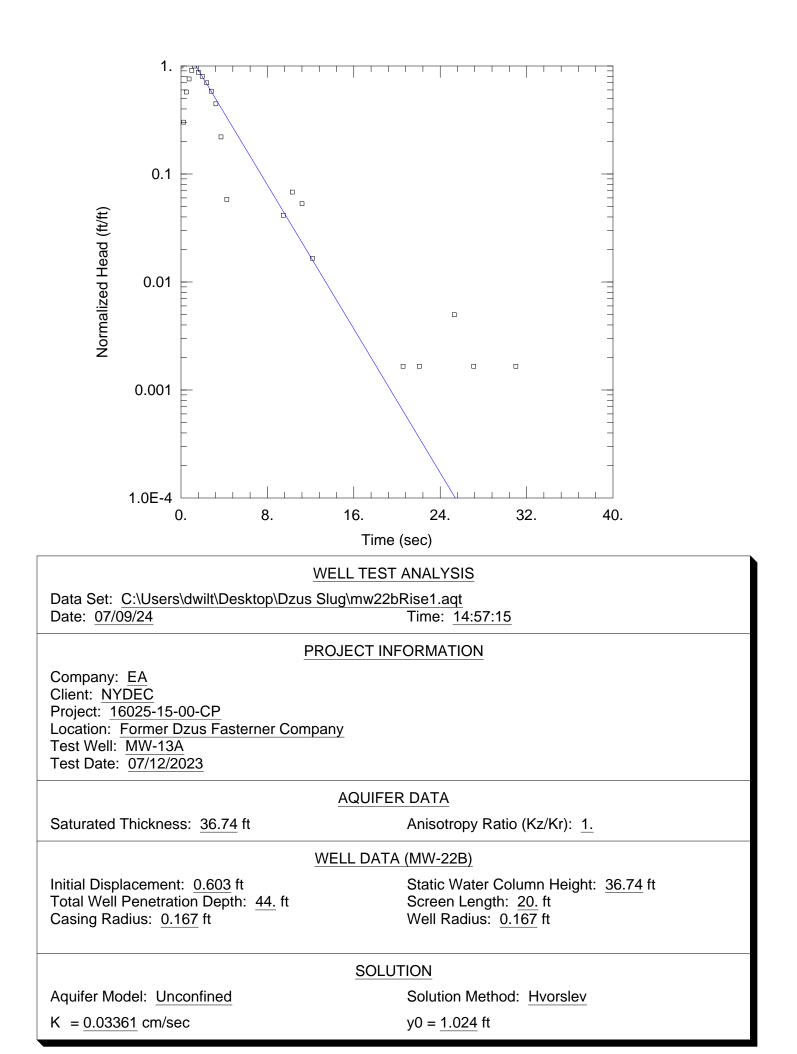


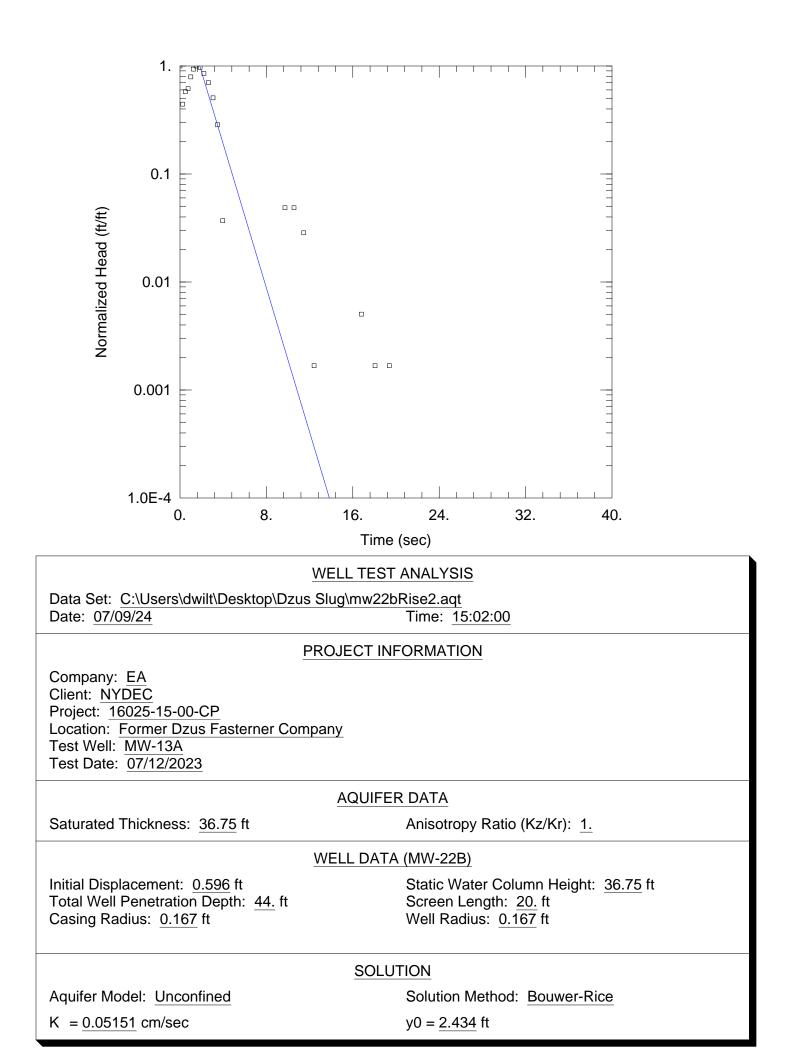


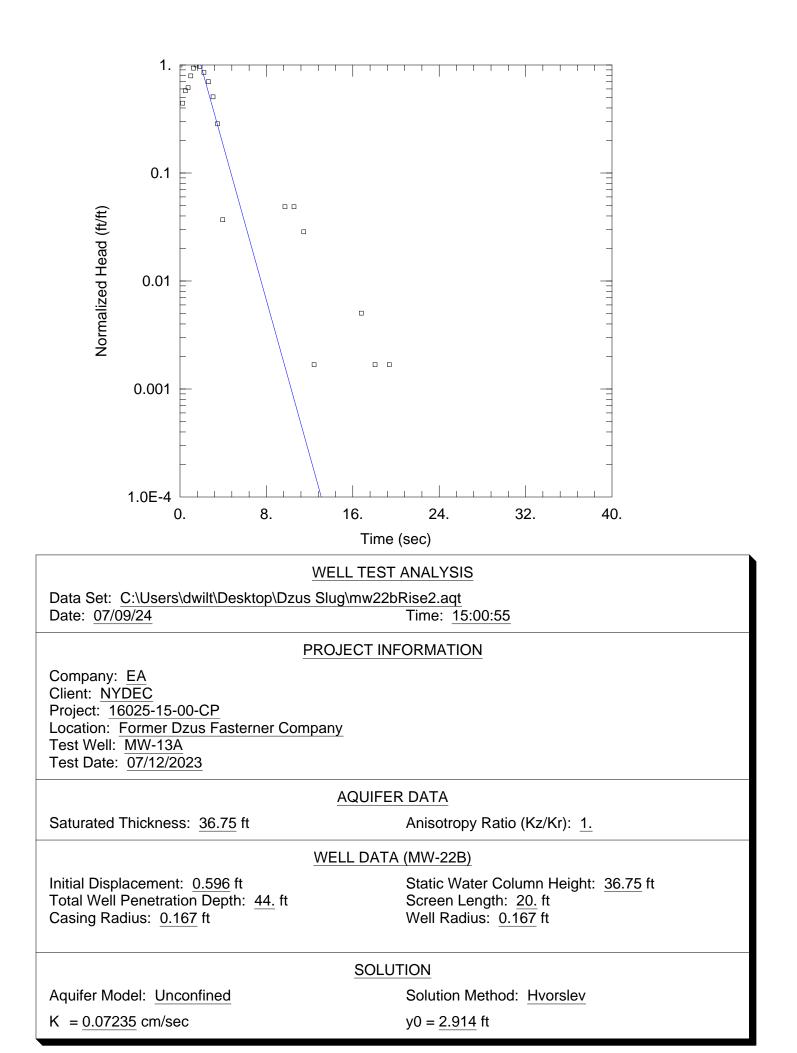








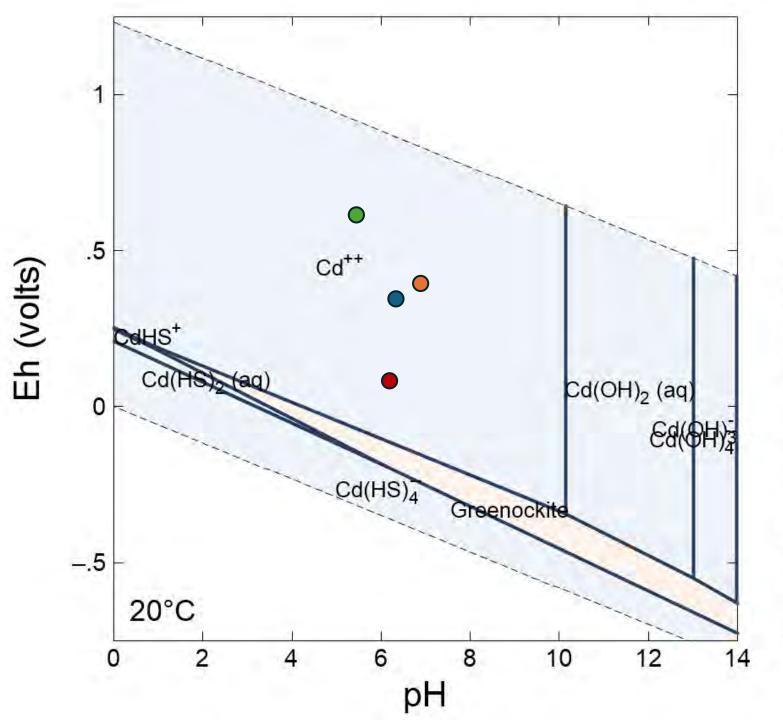




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Appendix C

Geochemical Evaluation Pourbaix Diagrams This page intentionally left blank

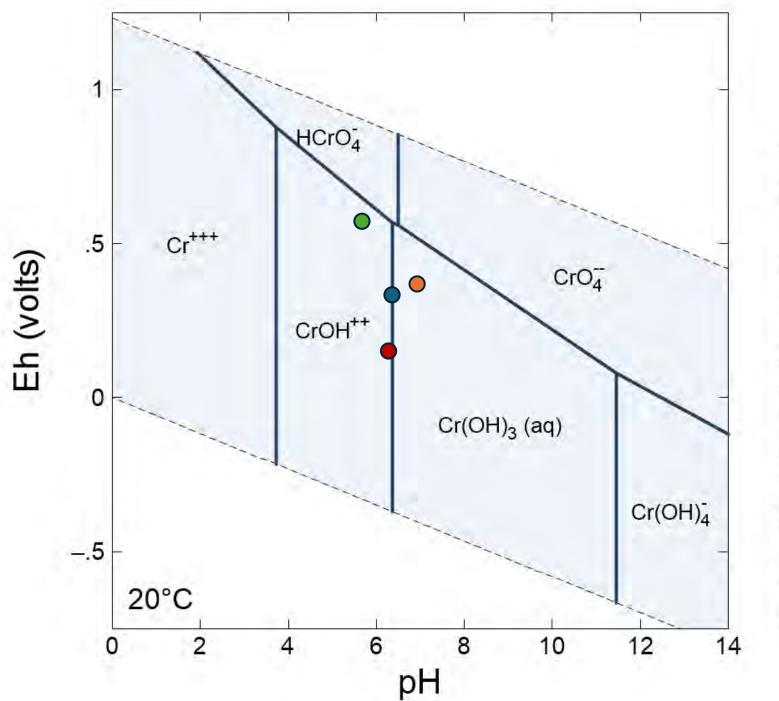






**Appendix C Figure C-1.** E_H vs. pH Diagram for Cadmium Former Dzus Fastener Company, Inc. Groundwater Pre-Design Investigation Report









**Appendix C Figure C-2.**  $E_H$  vs. pH Diagram for Chromium

Former Dzus Fastener Company, Inc. Groundwater Pre-Design Investigation Report

