NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 I F: (585) 226-8139
www.dec.ny.gov

May 2, 2019

John Lanz
LaBella Associates
300 State Street, Suite 201
Rochester, New York 14614

Dear Mr. Lanz:

Subject: Former Taylor Instruments Facility, Site #V00144
Change of Use Notification; April 2019
City of Rochester, Monroe County

The New York State Departments of Environmental Conservation (NYSDEC) and Health (the Departments) have completed their review of the site Change of Use Notice (the Change of Use) which was received by NYSDEC on April 2, 2019 for the Former Taylor Instruments Facility site. The Change of Use is for the installation of three (3) overhead utility structures on the site as part of an overhead transmission line project. The Change of Use includes an Excavation Work Plan (EWP) that will be followed for work done on the site.

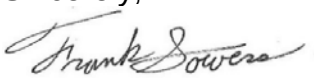
Based on the information presented in the Change of Use, the proposed activities can proceed with the following modifications and conditions.

1. Based on the Change of Use, work is expected to start in October 2019. NYSDEC will be notified of a firm start date at least 15-days in advance of the start of ground intrusive activities.
2. Imported soils will also be analyzed for 1,4-dioxane and TAL PFAS in accordance with NYSDEC policy and guidance.
3. Drill rigs and down-hole equipment will arrive at the site clean and will be decontaminated prior to leaving the site. Decontamination fluids will be containerized, characterized, and properly disposed of in accordance with federal, state, and local laws, regulations, and guidance.
4. Appropriate care will be taken to protect existing groundwater monitoring wells from damage. This may include bollards, fencing, designated paths to keep heavy equipment from driving over or parking on wells, or other effective measures. NYSDEC will be notified immediately of any significant well damage. NYSDEC will be consulted to determine if repairs need to be completed under an approved Corrective Measures Plan.

5. The site's cover system, which is an engineering control, will be inspected upon the completion of the project. Any damage that would impair its ability to protect public health and the environment will be repaired. NYSDEC will be consulted to determine if repairs need to be completed under an approved Corrective Measures Plan.
6. Project documentation will be included in the Periodic Review Reports. The Site Management Plan will be updated, as needed, upon NYSDEC request.

Please contact me at 585-226-5357 if you have questions or concerns on this matter.

Sincerely,



Frank Sowers, P.E.
Professional Engineer 1

ec
Justin Deming
Bernette Schilling
Mike Cruden
Joe Deathrage
Kourtney Verdi
Dave Meixell
John Frazer
Wade Silkworth

FORMER TAYLOR INSTRUMENTS SITE

95 AMES STREET

ROCHESTER, NEW YORK

MONROE COUNTY

Excavation Work Plan

NYSDEC Site Number: 828028a

Prepared for:

Rochester Gas & Electric

1300 Scottsville Road

Rochester, New York 14624

Prepared by:

LaBella Associates

300 State Street

Rochester, New York 14614

MARCH 2019

Table of Contents

1. NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination, the site owner (Gray Rock Rochester, LLC) or their representative will notify the NYSDEC. The notification will be made to:

Frank Sowers, PE	585-226-5357 frank.sowers@dec.ny.gov
Kelly Lewandowski	518-402-9553 kelly.lewandowski@dec.ny.gov

This notification will include:

- A description of stockpile locations and procedures for reusing soil at the Site.
- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact an engineering control;
- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120;
- A copy of the contractor's health and safety plan (HASP), in electronic format, if it differs from the HASP provided in Appendix 1 of this EWP;
- Identification of disposal facilities for potential waste streams; and
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

At the time this Notification is made, the NYSDEC will notify the Monroe County Department of Health and New York State Department of Health per the Soil Management Plan requirements.

2. INTRODUCTION

This Excavation Work Plan (EWP) has been prepared for construction of three (3) overhead electrical transmission line structures within the Former Taylor Instruments Facility (Taylor) located at 95 Ames Street, Rochester, Monroe County, New York ("the Site") (refer to Figure 1). This EWP is only applicable to the work associated with the installation of the overhead electrical transmission line structures and work in the proximity of this, and not the entire 95 Ames Street Site. The Site is part of a 14-acre parcel designated New York State Department of Environmental Conservation (NYSDEC) Site 828028a. The former Taylor Instruments Facility has been demolished and the site is improved with an asphalt cap.

The Site was previously remediated under the direction of the NYSDEC. Cleanup activities included: excavation of approximately 29,000 Tons of chlorinated solvent (specifically, Trichlorethylene) contaminated soil, eliminating on-Site storm water sewer connections to the existing Ames Street storm water sewers, and the installation of a Dual Phase Vapor Extraction (DPVE) system for deep soils and groundwater contamination. An asphalt cap was applied to the area within the blue circle (Figure 3). The DPVE system had reached asymptotic contaminant removals by July 2006 and the NYSDEC approved a pilot-scale application of Hydrogen Release Compound (HRC) Advanced® (now known as 3DME®). Additional remediation measures had proven effective at the Site and the Remedial Treatment System was decommissioned per NYSDEC approval in 2010.

The 2018 Annual Progress Report was submitted by ABB, Inc. on March 5th, 2019 and is under NYSDEC Review. The 2017 Annual Progress Report prepared by Amec Foster Wheeler summarizes the most recent site conditions and contamination. Contaminants of concern (COC) are Tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichrloethene (Trans-1,2-DCE), 1,1-dichloroethene (1,1-DCE) and Vinyl Chloride. COCs in three (3) of the eight (8) overburden groundwater wells are presently near or below the NYSDEC Class GA standards. COCs in the North Source Area bedrock well are near the NYSDEC Class GA

Standards. Based on the 2017 sampling events, it was determined that the overburden groundwater contaminant plume in the northern portion of the Site is demonstrating evidence of plume stability.

Since the shutdown of the Remedial system in 2006, Site monitoring wells have not demonstrated significant rebound effects and overall declines remain evident. Since the 3DME® injection, a decrease in contaminant mass has been identified, indicating that the injections are enhancing contaminant biodegradation. Bedrock groundwater has indicated enhanced contaminant biodegradation based on a decrease in TCE contaminant mass and overall increase in TCE daughter products. The overburden groundwater plume located at the southern portion of the Site has been stable for the last few years and contaminant levels are near NYSDEC Class GA standards. Overburden groundwater in the northern portion of the site is demonstrating evidence of plume stability and has shown recent declines in contaminant mass.

This EWP is to be implemented during subsurface work associated with construction of three (3) overhead electric utility structures at the Site in conjunction with the Soil Management Plan (SMP) dated April 2005. The structures will be utilized to support an overhead electric line that runs along the north boundary of the property. The structure locations are shown on Figure 2 and 3. A portion of the planned construction activities are within the area subject to engineering controls (refer to Figure 3). The Site Groundwater Monitoring Well network will be maintained during the construction activities mentioned in this EWP.

This EWP is specific to the planned structures shown on the attached figures, but may be modified in the future if other construction activities are planned. The structures planned for construction are as follows: Structure 941-138 and Structure 941-139 are 105-ft and 95-ft. poles that are to be direct embedded to depths of 15-feet below ground surface (ft. bgs.) and 13.5-ft. bgs., respectively. Structure 941-140 is a 75.5-ft tall pole to be installed on a concrete foundation. All three (3) structures will be composed of steel. Direct embedding construction includes auguring a hole and pushing the steel pole to the desired depth. Dewatering is not required for direct embedded structures. The concrete

foundation structure will have a diameter of 7-ft. and will be installed to a depth of 21-ft. bgs. A drill rig will be used to install the caisson liner to the desired depth. Concrete will then be poured and groundwater will only be pumped out as it is displaced by the concrete. Excessive dewatering will not be needed and the drilling and concrete pour will be conducted over a 24-hour time period.

3. SOIL SCREENING METHODS

The planned structures are not within an area of known remaining contamination. A qualified environmental professional or person under their supervision will screen excavated soils with a photoionization detector (PID), Jerome Vapor Analyzer (JVA) along with visual olfactory screening to assess for contamination. All soil spoils generated from auguring are to be segregated and sampled for USEPA Method 8260 and 7471A analyses in addition to appropriate waste characterization based on landfill requirements. The analytical results for segregated material will be evaluated and used to determine the appropriate soil/material management (i.e., sent off-Site as non-hazardous waste or sent off-Site as a hazardous waste). No excavated materials are to be re-used on-Site during the installation of the aforementioned structures.

All material to be taken off site will be tested, transported, and/or disposed of in accordance with applicable local, State, and Federal regulations. Further discussion of off-site disposal of materials is provided in Section 5 of this EWP.

4. SOIL STAGING METHODS

One (1) stockpile will be generated per each structure proposed to be installed. Soils will be stockpiled in the vicinity of each structure and auger borehole location.

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points. Catch basins will be covered with silt sock covers to stop the movement of Site soils into Site catch basins.

Stockpiles of augured spoil material will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC.

5. MATERIALS EXCAVATION AND LOAD-OUT

A qualified environmental professional or person under their supervision will oversee all intrusive work, auguring, excavation and load-out of the material.

Rochester Gas and Electric (RG&E) contractors are responsible for safe execution of all intrusive and other work performed under this EWP. The presence of utilities on the site will be investigated by the contractor.

If soil is exported from the Site, loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements). Prior to Vehicles leaving the Site, all excess soil and materials will be broom cleaned or manually removed.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The contractor will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

6. MATERIALS TRANSPORT OFF-SITE

All transport of excavated contaminated materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Excavated contaminated materials transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

Truck transport routes from the construction area will be north on Ames Street to the I-490 entrance. The attached Site Plan (Figure 2) shows the construction entrance location. All trucks loaded with site materials will exit the vicinity of the site using only this approved truck route. Trucks will be prohibited from stopping and idling in the neighborhood outside the project site. Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development. Queuing of trucks will be performed on-site via Ames Street in order to minimize off-site disturbance. Off-site queuing on Ames Street and West Avenue will be prohibited.

7. MATERIALS DISPOSAL OFF-SITE

Material for off-Site disposal will be tested in accordance with applicable local, State, and Federal regulations including NYCRR Part 360 and NYCRR Part 375. It is not anticipated that any material from the Site will be treated as unregulated for off-site disposal (i.e. clean soil removed for development purposes). A formal request with an associated plan will be made to the NYSDEC if disposal of un-regulated materials off-Site is necessary. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in a notice to NYSDEC. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does

not meet Unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

8. MATERIALS REUSE ON-SITE

As part of the installation of the three (3) structures as part of this project, it is anticipated that no Site soils will be re-used on-Site. However, if encountered, material reuse on-site will comply with the requirements of the SMP.

The qualified environmental professional will ensure that procedures defined for materials reuse are followed and that unacceptable material (i.e. any spoils excavated on-Site) does not remain at the surface. Contaminated on-site material that is acceptable for reuse on-site will be placed below an impervious surface (i.e., asphalt or concrete building slab), and will not be placed at the surface.

Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will not be reused on-site.

9. FLUIDS MANAGEMENT

All liquids to be removed from the site, including but not limited to, excavation dewatering and decontamination waters will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering fluids will not be recharged back to the land surface or subsurface of the site, and will be managed off-site, unless prior approval is obtained from NYSDEC.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream or river) will be performed under a SPDES permit.

It is anticipated that for the proposed installation of the three (3) structures, groundwater encountered will be containerized and will be batch sampled in accordance with proposed disposal facility requirements. It is anticipated that groundwater dewatering will only occur during the installation of Structure 940-140 and will occur over the length of one (1) day. It is assumed that a new project specific MCPW Industrial Use Permit will be obtained and that a majority of excavation water will be stored,

sampled, managed and discharged in accordance with the project-specific MCPW Industrial Use Permit.

10. BACKFILL FROM OFF-SITE SOURCES

All materials proposed for import onto the site will be approved by the qualified environmental professional and will be in compliance with provisions in this EWP prior to receipt at the site. A Request to Import/Reuse Fill or Soil form, which can be found at http://www.dec.ny.gov/regulations/67386.html, will be prepared and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site.

All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d). Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC. Solid waste will not be imported onto the site.

Trucks entering the site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

11. STORMWATER POLLUTION PREVENTION

A concrete wash-out (detailed in Appendix 4), silt sock catch basin covers and silt fence will be constructed as shown on the attached Site Plan (Figure 2) and inspected regularly by the contractor. Construction details of storm water management infrastructure are shown on Figure 2. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. All undercutting or erosion of the silt fence toe anchor shall be

repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

12. EXCAVATION CONTINGENCY PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of Toxicity Characteristic Leaching Procedure (TCLP) analyses for waste characterization (TCLP VOCs, TCLP SVOCs, TCLP Metals, PCBs and Pesticides) prior to disposal, unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the Periodic Review Report.

13. COMMUNITY AIR MONITORING PLAN

The NYSDOH Generic Community Air Monitoring Plan (CAMP) will be implemented at the Site (refer to Appendix 2). CAMP stations will be set up at a downwind and upwind location during subsurface work. CAMP locations will be determined based on prevailing wind direction during work. Dust and VOCs will be

continuously recorded in accordance with the CAMP. Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

14. ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site and on-site. Specific odor control methods to be used if required may include chemical odorants in spray or misting systems. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the qualified environmental professional, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

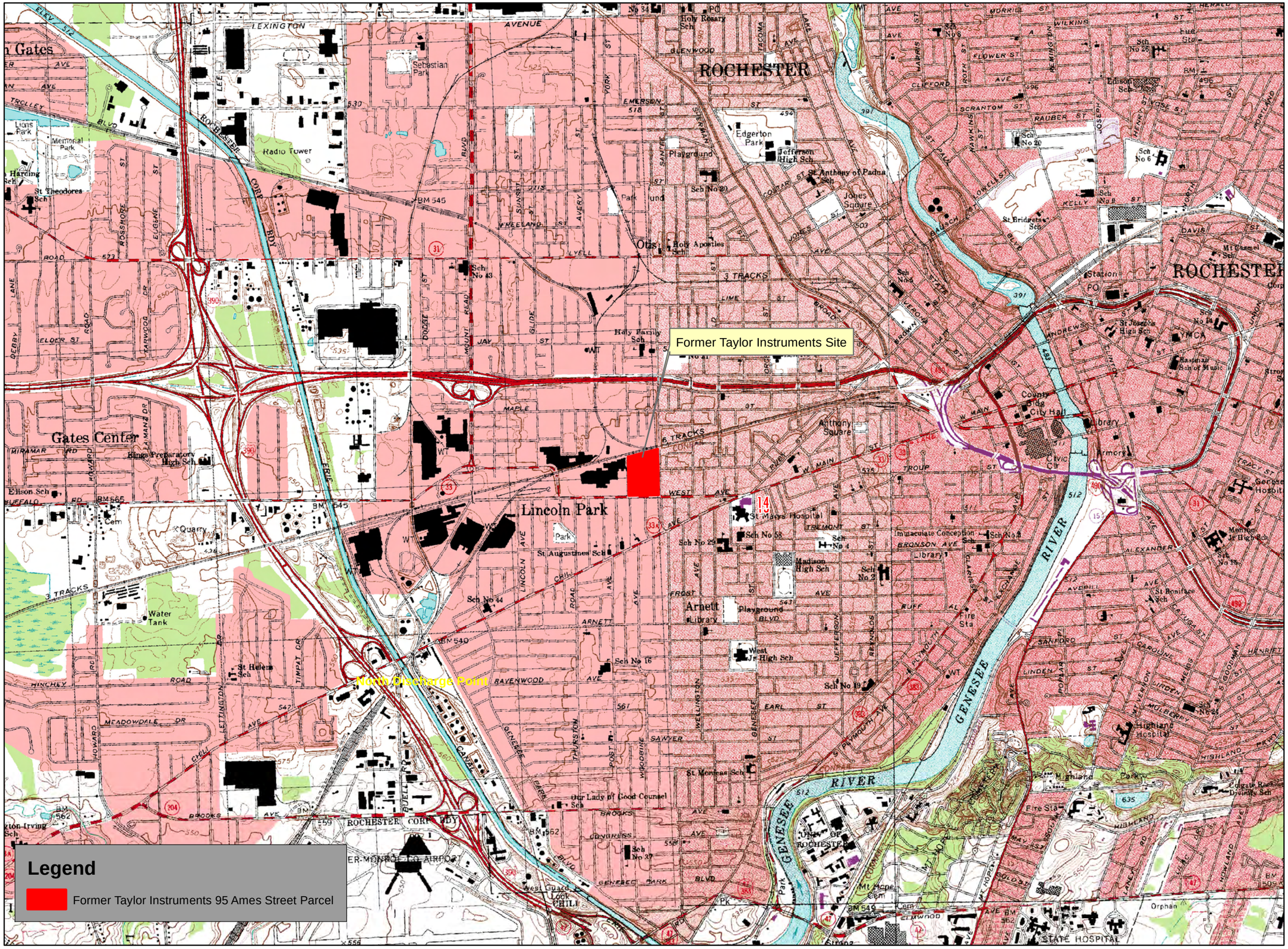
If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

15. DUST CONTROL PLAN

Dust management during invasive on-site work will be conducted as follows:

- Dust suppression will be achieved through the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, un-vegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

FIGURES



N
W E
S

0 2,000

1 inch = 2,000 feet

Intended to print as 11" x 17".

RARP
Circuit 941
Overhead

Former Taylor Instruments Site
95 Ames Street
Former VCA Index #
B8-025805-97-02
NYSDEC Site: V00144-8

CLIENT:
Avangrid

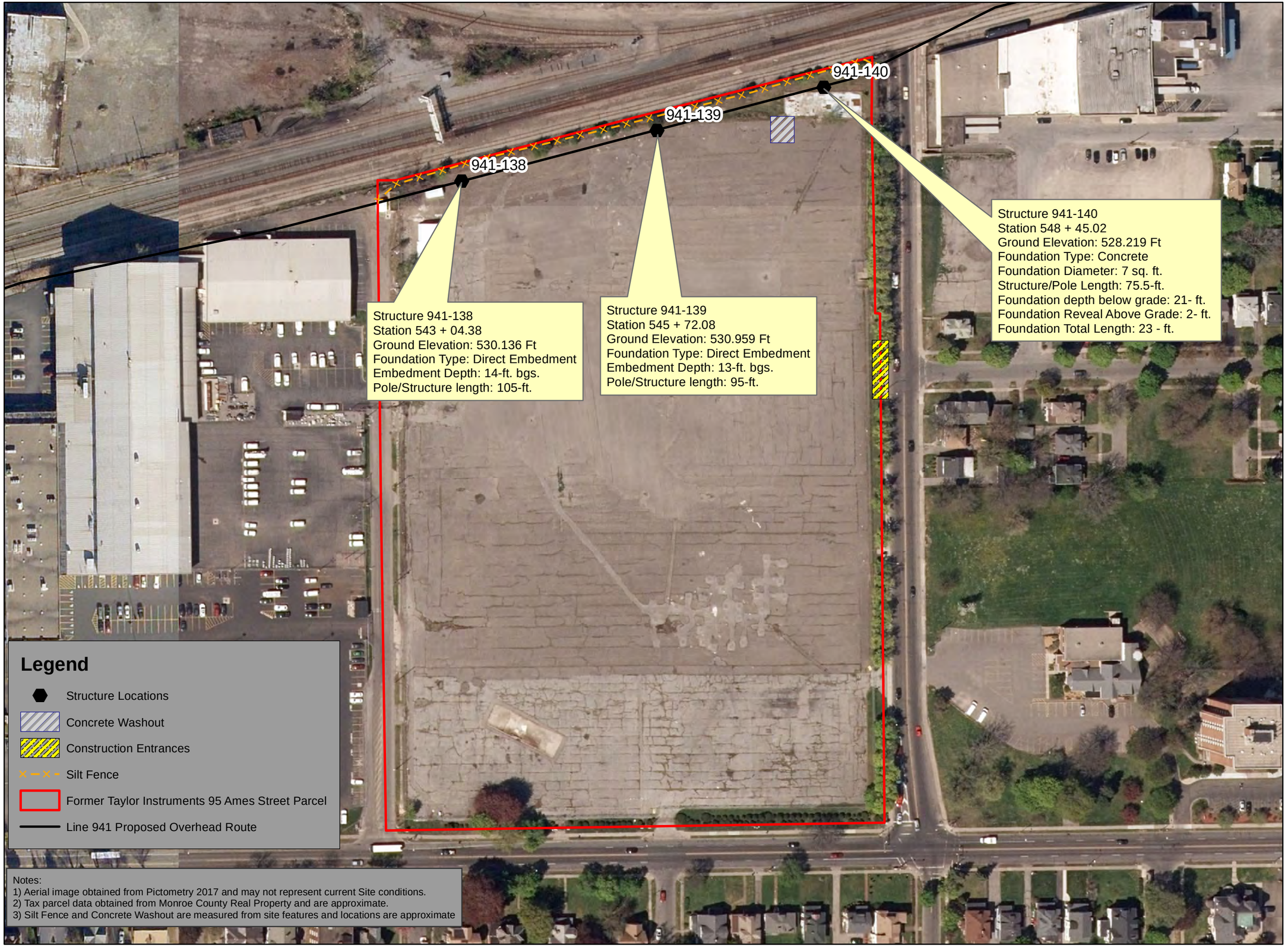
Map Name:

Project Location

2161270.043

FIGURE 1

Path: \\PROJECTS\Projects\AM-2\berdrola USA\2161270 - Site Investigation & Design\2161270.043 - RARP Env. Support\Drawings\Environmental\Line 941 OH-Taylor Instruments\Figure 1.mxd



Notes:
1) Aerial image obtained from Pictometry 2017 and may not represent current Site conditions.
2) Tax parcel data obtained from Monroe County Real Property and are approximate.
3) Silt Fence and Concrete Washout are measured from site features and locations are approximate

N
W E
S

0 120
1 inch = 120 feet
Intended to print as 11" x 17".

RARP
Circuit 941
Overhead

Former Taylor
Instruments Site
95 Ames Street
Former VCA Index #
B8-025805-97-02
NYSDEC Site: V00144-8

CLIENT:
Avangrid

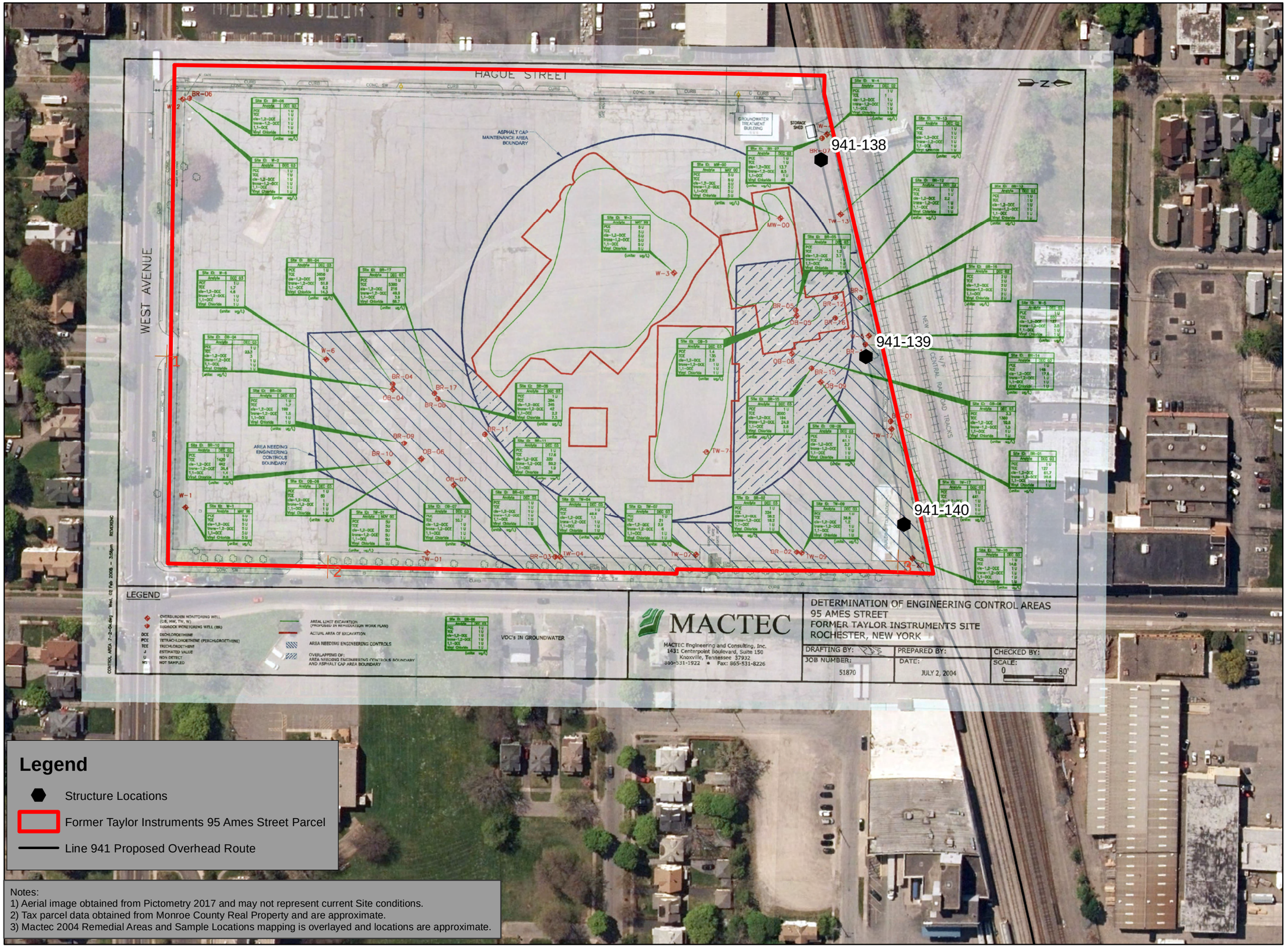
Map Name:

Testing Locations

2161270.043

FIGURE 1

Path: \\PROJECTS1\Projects\AM-2\Iberdrola USA\2161270 - Site Investigation & Design\2161270.043 - RARP Env. Support\Drawings\Environmental\Line 941 OH-Taylor Instruments\Site Plan.mxd



Legend

- Structure Locations
- Former Taylor Instruments 95 Ames Street Parcel
- Line 941 Proposed Overhead Route

Notes:
1) Aerial image obtained from Pictometry 2017 and may not represent current Site conditions.
2) Tax parcel data obtained from Monroe County Real Property and are approximate.
3) Mactec 2004 Remedial Areas and Sample Locations mapping is overlayed and locations are approximate.

N
W
E
S

0 120

1 inch = 120 feet

Intended to print as 11" x 17".

RARP
Circuit 941
Overhead

Former Taylor
Instruments Site
95 Ames Street
Former VCA Index #
B8-025805-97-02
NYSDEC Site: V00144-8

CLIENT:
Avangrid

Map Name:

Previous Remediated Areas

2161270.043

FIGURE 3

Path: \\PROJECTS1\Projects\AM-2\liberdrob USA\2161270 - Site Investigation & Design\2161270.043 - RARP Env. Support\Drawings\Environmental\Line 941 OH-Taylor Instruments\Figure 3 Remedial Locations.mxd

APPENDIX 1 – HEALTH AND SAFETY PLAN

Site Health and Safety Plan

Location:

Former Taylor Instruments Facility
95 Ames Street
Rochester, New York

Prepared by:

LaBella Associates DPC
300 State Street
Suite 201
Rochester, New York 14614

LaBella Project No. 2161270.044

March 2019

Table of Contents

SITE HEALTH AND SAFETY PLAN

Project Title:	Former Taylor Instruments Facility
Project Number:	2161270.044
Project Location (Site):	95 Ames St, Rochester NY
Environmental Director:	Gregory Senecal
Project Manager:	Seth Davis
Site Safety Supervisor:	To Be Determined
Site Contact:	To Be Determined
Safety Director:	David Engert
Proposed Date(s) of Field Activities:	To Be Determined
Site Conditions:	Area of construction is vacant, Portion of Site adjacent to proposed work is covered with asphalt cap.
Site Environmental Information Provided By:	❑ *Site Management Plan* by Mactec 2005 ❑ *Operations, Maintenance and Monitoring Manual* by Mactec 2011. ❑ *2017 Annual Progress Report* Amec Foster Wheeler, March 2018 ❑ *Periodic Review Report* by Amec Foster Wheeler, March 2018
Air Monitoring Provided By:	LaBella
Site Control Provided By:	To Be Determined

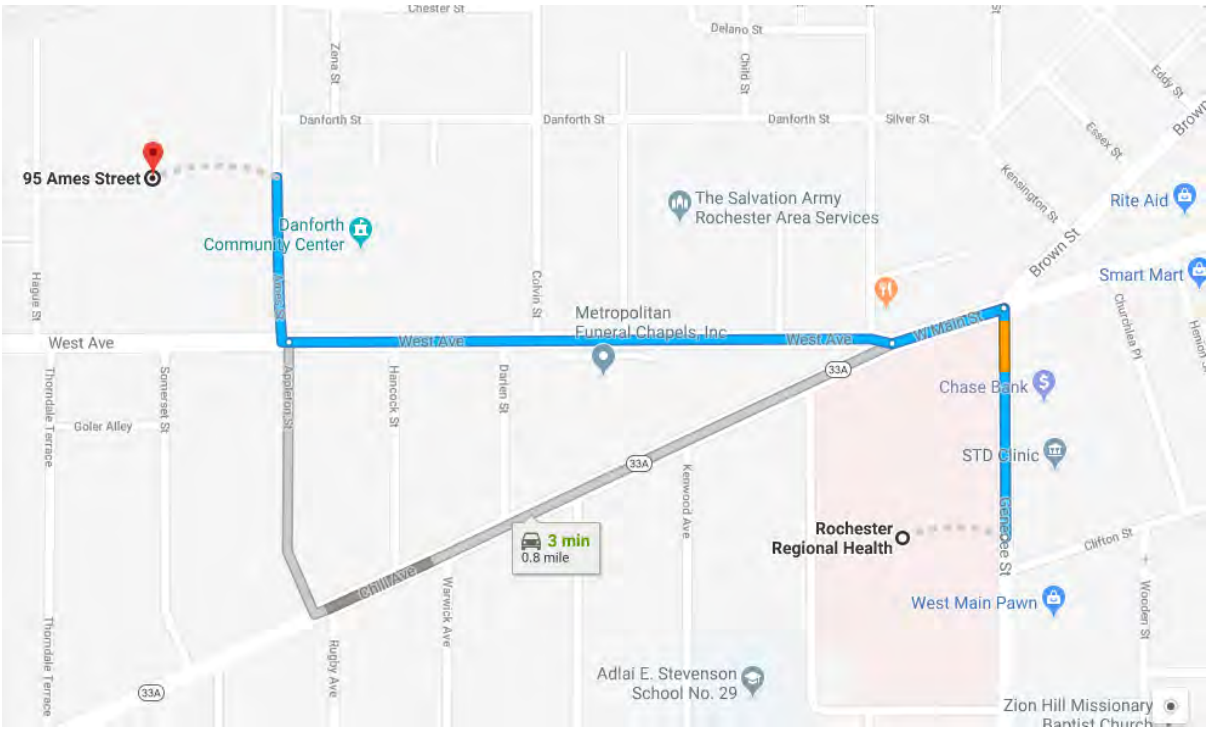
EMERGENCY CONTACTS

	Name	Phone Number
Ambulance:	As Per Emergency Service	911
Hospital Emergency:	Strong Memorial Hospital	585-275-2100
Poison Control Center:	Finger Lakes Poison Control	716-275-5151
Police (local, state):	Rochester Police Department	911
Fire Department:	Rochester Fire Department	911
Site Contact:	To Be Determined	To be Determined
Agency Contact:	NYSDEC – Frank Sowers NYSDOH – Julia Kenney	585-226-5357 518-402-8760
Environmental Director:	Gregory Senecal	585-295-6243
Project Manager:	Seth Davis	585-454-6110
Site Safety Supervisor:	To Be Determined	To Be Determined
Safety Director	David Engert	585-295-6630

MAP AND DIRECTIONS TO THE MEDICAL FACILITY
ROCHESTER REGIONAL HEALTH
89 GENESEE STREET, ROCHESTER NY

Travel time 2 minutes
Travel distance 0.6 miles

1. Head south on Ames Street towards West Ave
2. Turn left onto West Ave
3. Merge onto West Main Street heading east
4. Turn right onto Genesee Street
5. Arrive at Rochester Regional Health



1.0 Introduction

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered during environmental monitoring at the Former Taylor Instruments Facility Site located at 95 Ames Street, City of Rochester, Monroe County, New York (Site). This HASP only reflects the policies of LaBella Associates D.P.C. The requirements of this HASP are applicable to all approved LaBella personnel at the work site. This document's project specifications, and the Community Air Monitoring Plan (CAMP), are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any regulatory requirements of the USEPA, NYSDEC, OSHA or other regulatory bodies.

2.0 Responsibilities

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 Activities Covered

The activities covered under this HASP are limited to the following:

- Management of environmental investigation
- Environmental Monitoring
- Collection of samples
- Management of excavated soil and fill

4.0 Work Area Access and Site Control

The contractor(s) will have primary responsibility for work area access and site control.

5.0 Potential Health and Safety Hazards

This section lists some potential health and safety hazards that project personnel may encounter at the project site and some actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as site environmental and site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for site safety and his instructions must be followed.

5.1 Hazards Due to Heavy Machinery

Potential Hazard:
Heavy machinery including trucks, drilling rigs, cranes, trailers, etc. will be in operation at the site. The presence of such equipment presents the danger of being struck or crushed. Use caution when working near heavy machinery.

Protective Action:
Make sure that operators are aware of your activities, and heed operator's instructions and warnings. Wear bright colored clothing and walk safe distances from heavy equipment. A hard hat, safety glasses and steel toe shoes are required.

5.2 Excavation Hazards

Potential Hazard:
Excavations and trenches can collapse, causing injury or death. Edges of excavations can be unstable and collapse. Toxic and asphyxiant gases can accumulate in confined spaces and trenches. Excavations that require working within the excavation will require air monitoring in the breathing zone (refer to Section 9.0).

Excavations left open create a fall hazard which can cause injury or death.

Protective Action:
Personnel must receive approval from the Project Manager to enter an excavation for any reason. Subsequently, approved personnel are to receive authorization for entry from the Site Safety Officer. Approved personnel are not to enter excavations over 4 feet in depth unless excavations are adequately sloped. Additional personal protective equipment may be required based on the air monitoring.

Personnel should exercise caution near all excavations at the site as it is expected that excavation sidewalls will be unstable. Do not proceed closer than 3 feet to an unsupported or non-sloped excavation side wall.

Fencing and/or barriers accompanied by "no trespassing" signs should be placed around all excavations when left open for any period of time when work is not being conducted.

5.3 Cuts, Punctures and Other Injuries

Potential Hazard:
In any excavation and construction work site there is the potential for the presence of sharp or jagged edges on rock, metal materials, and other sharp objects. Serious cuts and punctures can result in loss of blood and infection.

Protective Action:
The Project Manager is responsible for making First Aid supplies available at the work site to treat minor injuries. The Site Safety Officer is responsible for arranging the transportation of authorized on-site personnel to medical facilities when First Aid treatment in not sufficient. Do not move seriously injured workers. All injuries requiring treatment are to be reported to the Project Manager. Serious injuries are to be reported immediately to the Site Safety Officer

5.4 Injury Due to Exposure of Chemical Hazards

Potential Hazards:
Contaminants identified in testing locations at the Site include various volatile organic compounds (VOCs) and mercury. Volatile organic vapors, chlorinated solvents or other chemicals may be encountered during subsurface activities at the project work site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis.

Protective Action:
The presence of organic vapors may be detected by their odor and by monitoring instrumentation. Approved employees will not work in environments where hazardous concentrations of organic vapors are present. Air monitoring (refer to Section 9.0) of the work area will be performed at least every 60 minutes or more often using a Photoionization Detector (PID) and a Jerome Vapor Analyzer (JVE). Personnel are to leave the work area whenever PID measurements of ambient air exceed 25 ppm consistently for a 5 minute period or Mercury vapors are above 0.01 ppm for a 10 minute period. In the event that sustained total volatile organic compound (VOC) readings of 25 ppm are encountered or Mercury vapors exceed 0.05 ppm for 15 minutes, personnel should upgrade personal protective equipment to Level C (refer to Section 8.0) and an Exclusion Zone should be established around the work area to limit and monitor access to this area (refer to Section 6.0).

5.5 Injuries due to extreme hot or cold weather conditions

Potential Hazards:
Extreme hot weather conditions can cause heat exhaustion, heat stress and heat stroke or extreme cold weather conditions can cause hypothermia.

Protective Action:
Precaution measures should be taken such as dress appropriately for the weather conditions and drink plenty of fluid. If personnel should suffer from any of the above conditions, proper techniques should be taken to cool down or heat up the body and taken to the nearest hospital if needed.

6.0 Work Zones

In the event that conditions warrant establishing various work zones (i.e., based on hazards - Section 5.0), the following work zones should be established:

Exclusion Zone (EZ):
The EZ will be established in the immediate vicinity and adjacent downwind direction of site activities that elevate breathing zone VOC concentrations to unacceptable levels based on field screening. These site activities include contaminated soil excavation and soil sampling activities. If access to the site is required to accommodate non-project related personnel then an EZ will be established by constructing a barrier around the work area (yellow caution tape and/or construction fencing). The EZ barrier shall encompass the work area and any equipment staging/soil staging areas necessary to perform the associated work. The

contractor(s) will be responsible for establishing the EZ and limiting access to approved personnel. Depending on the condition for establishing the EZ, access to the EZ may require adequate PPE (e.g., Level C).

Contaminant Reduction Zone (CRZ):
The CRZ will be the area where personnel entering the EZ will don proper PPE prior to entering the EZ and the area where PPE may be removed. The CRZ will also be the area where decontamination of equipment and personnel will be conducted as necessary.

7.0 Decontamination Procedures

Upon leaving the work area, approved personnel shall decontaminate footwear as needed. Under normal work conditions, detailed personal decontamination procedures will not be necessary. Work clothing may become contaminated in the event of an unexpected splash or spill or contact with a contaminated substance. Minor splashes on clothing and footwear can be rinsed with clean water. Heavily contaminated clothing should be removed if it cannot be rinsed with water. Personnel assigned to this project should be prepared with a change of clothing whenever on site.

Personnel will use the contractor's disposal container for disposal of PPE.

8.0 Personal Protective Equipment

Generally, site conditions at this work site require level of protection of Level D or modified Level D; however, air monitoring will be conducted to determine if up-grading to Level C PPE is required (refer to Section 9.0). Descriptions of the typical safety equipment associated with Level D and Level C are provided below:

Level D:
Hard hat, safety glasses, rubber nitrile sampling gloves, steel toe construction grade boots, etc.

Level C:
Level D PPE and full or ½-face respirator and tyvek suit (if necessary). [*Note: Organic vapor cartridges are to be changed after each 8-hours of use or more frequently.*]

9.0 Air Monitoring

According to 29 CFR 1910.120(h), air monitoring shall be used to identify and quantify airborne levels of hazardous substances and health hazards in order to determine the appropriate level of employee protection required for personnel working onsite. Air monitoring will consist at a minimum of the procedure listed below. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

The Air Monitor will utilize a photoionization detector (PID) to screen the ambient air in the work areas (drilling, excavation, soil staging, and soil grading areas) for total Volatile Organic Compounds (VOCs) and a DustTrak tm Model 8520 aerosol monitor or equivalent for measuring particulates. A Jerome Vapor Analyzer will be used to measure mercury levels. Work area ambient air will generally be monitored in the work area and downwind of the work area. Air monitoring of the work areas and

downwind of the work areas will be performed at least every 60 minutes using a PID, Jerome Vapor Analyzer and the DustTrak meter.

If sustained PID readings of greater than 25 ppm are recorded in the breathing zone, either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). Organic vapor cartridges are to be changed after each 8-hour use or more frequently, if necessary. If PID readings are sustained, in the work area, at levels above 50 ppm for a 5 minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required (i.e., Level B).

If downwind PID measurements reach or exceed 25 ppm consistently for a 5 minute period downwind of the work area, PID readings will be taken within the buildings (if occupied) on Site to ensure that the vapors are not penetrating any occupied building and effecting the personnel working within. If the PID measurements reach or exceed 25 ppm within the nearby buildings, the personnel should be evacuated via a route in which they would not encounter the work area. The building should then be ventilated until the PID measurements within the building are at or below background levels. It should be noted that the site buildings are currently vacant.

10.0 Emergency Action Plan

In the event of an emergency, employees are to turn off and shut down all powered equipment and leave the work areas immediately. Employees are to walk or drive out of the Site as quickly as possible, wait at the assigned 'safe area' and follow the instructions of the Site Safety Officer.

Employees are not authorized or trained to provide rescue and medical efforts. Rescue and medical efforts will be provided by local authorities.

11.0 Medical Surveillance

Medical surveillance will be provided to all employees who are injured due to overexposure from an emergency incident involving hazardous substances at this site.

12.0 Employee Training

Personnel who are not familiar with this site plan will receive training on its entire content and organization before working at the Site.

Individual handling subsurface material must be 40-hour OSHA HAZWOPER trained with current 8-hour refresher certification.

Table 1
Exposure Limits and Recognition Qualities

Compound	PEL-TWA (ppm)(b)(d)	TLV-TWA (ppm)(c)(d)	STEL (ppm)(b)	LEL (%)(e)	UEL (%)(f)	IDLH (ppm)(g)(d)	Odor	Odor Threshold (ppm)	Ionization Potential
Acetone	750	500	NA	2.15	13.2	20,000	Sweet	4.58	9.69
Anthracene	.2	.2	NA	NA	NA	NA	Faint aromatic	NA	NA
Benzene	1	0.5	5	1.3	7.9	3000	Pleasant	8.65	9.24
Benzo (a) pyrene (coal tar pitch volatiles)	0.2	0.1	NA	NA	NA	700	NA	NA	NA
Benzo (a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	10.88
Carbon Disulfide	20	1	NA	1.3	50	500	Odorless or strong garlic type	.096	10.07
Chlorobenzene	75	10	NA	1.3	9.6	2,400	Faint almond	0.741	9.07
Chloroform	50	2	NA	NA	NA	1,000	ethereal odor	11.7	11.42
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethylene	200	200	NA	9.7	12.8	400	Acrid	NA	9.65
1,2-Dichlorobenzene	50	25	NA	2.2	9.2		Pleasant		9.07
Ethyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100	100	NA	1.0	6.7	2,000	Ether	2.3	8.76
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Alcohol	400	200	500	2.0	12.7	2,000	Rubbing alcohol	3	10.10
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	50	NA	12	23	5,000	Chloroform-like	10.2	11.35
Naphthalene	10, Skin	10	NA	0.9	5.9	250	Moth Balls	0.3	8.12
n-propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphoric Acid	1	1	3	NA	NA	10,000	NA	NA	NA
Polychlorinated Biphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium Hydroxide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane	NA	NA	NA	NA	NA	NA	Sweet	NA	NA
Toluene	100	100	NA	0.9	9.5	2,000	Sweet	2.1	8.82
Trichloroethylene	100	50	NA	8	12.5	1,000	Chloroform	1.36	9.45
1,2,4-Trimethylbenzene	NA	25	NA	0.9	6.4	NA	Distinct	2.4	NA
1,3,5-Trimethylbenzene	NA	25	NA	NA	NA	NA	Distinct	2.4	NA
Vinyl Chloride	1	1	NA	NA	NA	NA	NA	NA	NA
Xylenes (o,m,p)	100	100	NA	1	7	1,000	Sweet	1.1	8.56
Metals									
Arsenic	0.01	0.2	NA	NA	NA	100, Ca	NA	NA	NA
Cadmium	0.2	0.5	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	1	0.5	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.05	0.15	NA	NA	NA	700	NA	NA	NA
Mercury	0.05	0.05	NA	NA	NA	28	NA	NA	NA
Selenium	0.2	0.02	NA	NA	NA	Unknown	NA	NA	NA

(a) Skin = Skin Absorption
(b) OSHA-PEL Permissible Exposure Limit (flame weighted average, 8-hour): NIOSH Guide, June 1990
(c) ACGIH – 8 hour time weighted average from Threshold Limit Values and Biological Exposure Indices for 2003.
(d) Metal compounds in mg/m3
(e) Lower Exposure Limit (%)
(f) Upper Exposure Limit (%)
(g) Immediately Dangerous to Life or Health Level: NIOSH Guide, June 1990.

Notes:
1. All values are given in parts per million (PPM) unless otherwise indicated.
2. Ca = Possible Human Carcinogen, no IDLH information.

APPENDIX 2 – COMMUNITY AIR MONITORING PLAN

APPENDIX 1A

New York State Department of Health
Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.

APPENDIX 3 – CHANGE OF USE FORM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership

Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: Former Taylor Instruments Site **DEC Site ID No.** V00144-8

II. Contact Information of Person Submitting Notification:

Name: LaBella Associates

Address1: 300 State Street, Rochester NY Suite 201

Address2:

Phone: 585-454-6110 E-mail: Jlanz@labellapc.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

☐ Change in Ownership or Change in Remedial Party(ies)

☐ Transfer of Certificate of Completion (CoC)

☑ Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): 10/1/2019

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

RG&E proposes to install three (3) overhead utility structures at the Site as part of the Circuit 941 Overhead transmission line projcet. Structures are denoted Structure 941-138, Structure 941-139 and Structure 941-140 at the Site. Attached Figure 1 shows the location and specs of the Structures proposed to be installed at the 95 Ames Street property.

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

The proposed structures will not affect the sites ongoing remedial program, engineering controls or monitoring program. All work conducted will be conducted under the MACTEC Site SMP and will abide by all Institutional Controls for the Site.

V. Certification Statement: Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: _____ _____
(Signature) (Date)

_____
(Print Name)

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

VI. Contact Information for New Owner, Remedial Party, or CoC Holder: If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☐ Prospective Owner ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

Certifying Party Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

VII. Agreement to Notify DEC after Transfer: If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name: _____ _____

(Signature) (Date)

_____

(Print Name)

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

Continuation Sheet

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ____

Address1: ____

Address2: ____

Phone: ____________________ E-mail: ____________________________

New York State Department of Environmental Conservation

Instructions for Completing the 60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion (CoC), and/or Ownership Form

Submit to: Chief, Site Control Section**,** New York State Department of Environmental Conservation, Division of Environmental Remediation, 625 Broadway, Albany NY 12233-7020

Section I	**Description**
Site Name	Official DEC site name. (see http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3)
DEC Site ID No.	DEC site identification number.

Section II	**Contact Information of Person Submitting Notification**
Name	Name of person submitting notification of site change of use, transfer of certificate of completion and/or ownership form.
Address1	Street address or P.O. box number of the person submitting notification.
Address2	City, state and zip code of the person submitting notification.
Phone	Phone number of the person submitting notification.
E-mail	E-mail address of the person submitting notification.

Section III	**Type of Change and Date**
Check Boxes	Check the appropriate box(s) for the type(s) of change about which you are notifying the Department. Check all that apply.
Proposed Date of Change	Date on which the change in ownership or remedial party, transfer of CoC, or other change is expected to occur.

Section IV	**Description**
Description	For each change checked in Section III, describe the proposed change. Provide all applicable maps, drawings, and/or parcel information. If "Other" is checked in Section III, explain how the change may affect the site's proposed, ongoing, or completed remedial program at the site. Please attach additional sheets, if needed.

Section V Certification Statement

This section must be filled out if the change of use results in a change of ownership or responsibility for the proposed, ongoing, or completed remedial program for the site. When completed, it provides DEC with a certification that the prospective purchaser has been provided a copy of any order, agreement, or State assistance contract as well as a copy of all approved remedial work plans and reports.

Name	The owner of the site property or their designated representative must sign and date the certification statement. Print owner or designated representative's name on the line provided below the signature.
Address1	Owner or designated representative's street address or P.O. Box number.
Address2	Owner or designated representative's city, state and zip code.
Phone	Owner or designated representative's phone number.
E-Mail	Owner or designated representative's E-mail.

Section VI Contact Information for New Owner, Remedial Party, and CoC Holder (if a CoC was issued)

Fill out this section only if the site is to be sold or there will be a new remedial party. Check the appropriate box to indicate whether the information being provided is for a Prospective Owner, CoC Holder (if site was ever issued a COC), Prospective Remedial Party, or Prospective Owner Representative. Identify the prospective owner or party and include contact information. A Continuation Sheet is provided at the end of this form for additional owner/party information.

Name	Name of Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
Address1	Street address or P.O. Box number for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Address2	City, state and zip code for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Phone	Phone number for the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
E-Mail	E-mail address of the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.

If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/EC), indicate who will be the certifying party(ies). Attach additional sheets, if needed.

Certifying Party Name	Name of Certifying Party.
Address1	Certifying Party's street address or P.O. Box number.
Address2	Certifying Party's city, state and zip code.
Phone	Certifying Party's Phone number.
E-Mail	Certifying Party's E-mail address.

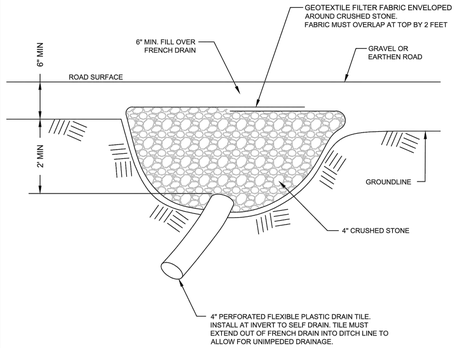
Section VII Agreement to Notify DEC After Property Transfer/Sale

This section must be filled out for all property transfers of all or part of the site. If the site also has a CoC, then the CoC shall be transferred using DEC's form found at http://www.dec.ny.gov/chemical/54736.html

Filling out and signing this section of the form indicates you will comply with the post transfer notifications within the required timeframes specified on the form. If a CoC has been issued for the site, the DEC will allow 30 days for the post transfer notification so that the "Notice of CoC Transfer Form" and proof of it's filing can be included. Normally the required post transfer notification must be submitted within 15 day (per 375-1.11(d)(3)(ii)) when no CoC is involved.

Name	Current property owner must sign and date the form on the designated lines. Print owner's name on the line provided.
Address1	Current owner's street address.
Address2	Current owner's city, state and zip code.

APPENDIX 4 – CONCRETE WASHOUT DETAIL



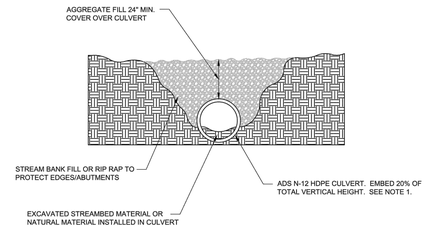
NOTES:
1. INSTALL FILTER SOCK ENCLOSING PIPE TO MINIMIZE SILT CLOGGING THE PIPE
2. INSTALL A SLOTTED INSERT ON THE PIPE OUTLET TO PREVENT ENTRY BY RODENTS

IBERDROLA USA
NYSEG / RG&E

No.	REVISION	DATE

TYPICAL FRENCH DRAIN INSTALLATION

CONTRACT DWG. No. #	PROJECT No. #
S14687	
DESIGNED BY: JFC	DRAWN BY: MDN



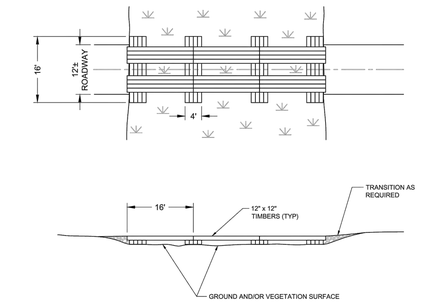
NOTE:
CULVERT TO BE SIZED TO PASS 2-YEAR STORM EVENT INSTANTANEOUSLY, AND 50-YEAR STORM EVENT WITHOUT OVERTOPPING THE ROAD.

IBERDROLA USA
NYSEG / RG&E

No.	REVISION	DATE

PERMANENT CULVERT INSTALL

CONTRACT DWG. No. #	PROJECT No. #
S14688	
DESIGNED BY:	DRAWN BY: MDN



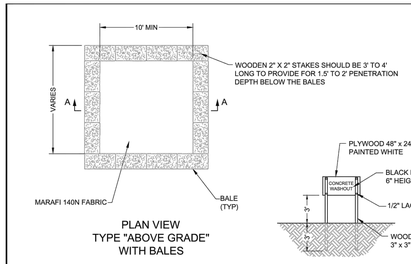
NOTE:
SIZE OF MATS ARE TYPICALLY 16' X 4' AND INCLUDES 4 OR 5 PLANKS, EACH 12" OR 6.5" THICK AND ABOUT 12" WIDE. MATS ARE FASTENED TOGETHER BY 4' LONG 1" DIAMETER STEEL THREADED LEG BOLTS.

IBERDROLA USA
NYSEG / RG&E

No.	REVISION	DATE

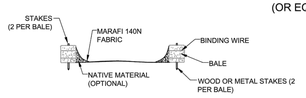
TYPICAL STREAM CROSSING WITH SWAMP MATS

CONTRACT DWG. No. #	PROJECT No. #
S14689	
DESIGNED BY:	DRAWN BY: MDN



PLAN VIEW
TYPE "ABOVE GRADE" WITH BALES

CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



SECTION A-A

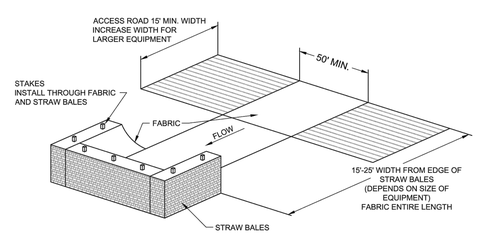
NOTES:
1. SUMPS TO BE LOCATED IN YARD BUT SHOULD BE KEPT AS FAR FROM DRAINAGE CHANNELS AND WETLAND AREAS AS PRACTICAL.
2. SUMPS TO BE CLEANED AND WASTE CONCRETE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF WORK.
3. BALES ARE TO BE BOUND WITH WIRE.
4. DISPOSAL OF CONCRETE WASTE SUMP MATERIALS WILL BE AT AN APPROVED LANDFILL UPON COMPLETION OF WORK.

IBERDROLA USA
NYSEG / RG&E

No.	REVISION	DATE

TYPICAL CONCRETE WASTE SUMP

CASE :	PROJECT :
S14690	
DRAWN BY: MDN	REVIEWED BY:



DESCRIPTION:
FOR GENERAL WASHING OF EQUIPMENT AND CONSTRUCTION VEHICLES.

APPLICATION:
AT ANY SITE WHERE REGULAR WASHING OF VEHICLES AND EQUIPMENT WILL OCCUR. MAY ALSO BE USED AS A FILLING POINT FOR WATER TRUCKS LIMITING EROSION CAUSED BY OVERFLOW OR SPILLAGE OF WATER.

INSTALLATION / APPLICATION CRITERIA:
CLEAN AND GRADE TO PROVIDE MAXIMUM SLOPE OF 1%.
PLACE FILTER FABRIC (RECOMMENDED FOR WASH AREAS TO REMAIN IN USE FOR MORE THAN 3 MONTHS).
INSTALL SILT FENCE / STRAW BALES DOWN GRADIENT (SEE SILT FENCE INFORMATION SHEET).
2 STAKES TO BE INSTALLED IN EACH STRAW BALE THROUGH FABRIC.

LIMITATIONS:
CANNOT BE UTILIZED FOR WASHING EQUIPMENT OR VEHICLES THAT MAY CAUSE CONTAMINATION OF RUNOFF SUCH AS FERTILIZER EQUIPMENT OR CONCRETE EQUIPMENT. SOLELY USED TO CONTROL SEDIMENT AND INVASIVE SPECIES MATERIAL.

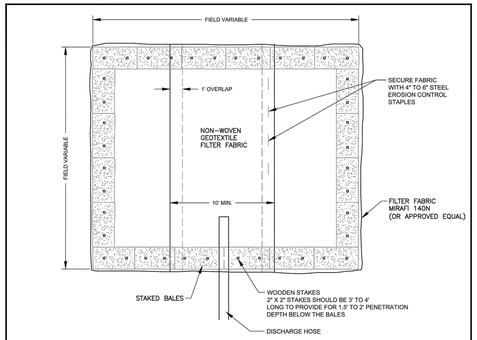
MAINTENANCE:
INSPECT DAILY FOR SEDIMENT BUILDUP.
INSPECT ADJACENT AREA FOR SEDIMENT DEPOSIT AND INSTALL ADDITIONAL CONTROLS AS NECESSARY.
REPAIR AREA AS REQUIRED TO MAINTAIN CONTROL IN GOOD WORKING CONDITION.
EXPAND STABILIZED AREA AS REQUIRED TO ACCOMMODATE ACTIVITIES.

IBERDROLA USA
NYSEG / RG&E

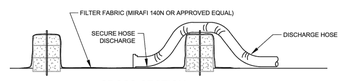
No.	REVISION	DATE

TYPICAL CLEANING STATION

CONTRACT DWG. No. #	PROJECT No. #
S14696	
DESIGNED BY:	DRAWN BY: MDN



PLAN VIEW



CROSS-SECTION

NOTES:
1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
3. KEEP AS FAR FROM WETLANDS AS PRACTICAL.
4. CLEAN AND REMOVE AS SOON AS DEWATERING IS COMPLETE.
5. INCLUDE A DISPERSION BAFFLE IN POND AT THE END OF THE DISCHARGE HOSE WHERE NEEDED TO PROMOTE SETTLING OF SEDIMENT.

IBERDROLA USA
NYSEG / RG&E

No.	REVISION	DATE

TYPICAL DEWATERING BALE BASIN

CONTRACT DWG. No. #	PROJECT No. #
S14692	
DESIGNED BY:	DRAWN BY: MDN

REV.	DESCRIPTION	DATE	BY	CK	APP

OWNER ENGINEER:

APPROVAL STAMP:

PE Stamp

DRAWING PREPARED BY:
URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203 (716)856-5636 (716)856-2545 fax

ACCEPTED BY OE:

IUSA ENGINEERING
CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION
Property of Iberdrola, USA

RG&E IBERDROLA - USA

CONTROLLED COPY
3/5/18 ALH

REV.	DATE	BY	DESCRIPTION	APP.
0-1 00	09/12/14	ELB	REVISED PER DSP COMMENTS	JSB
0-00 00.	04/18/14	ELB	ISSUE FOR CONSTRUCTION	JSB

SEGMENT II ROCHESTER AREA RELIABILITY PROJECT
STANDARD CONSTRUCTION DETAILS
SHEET 4 OF 25
LINE 906, 940 & 941

DR.	ELB	SCALE: NONE	FILE: R1500-1-0013-MV-IEPEL-31024.dwg
CK.	SMM	NO.	REV.
APP.	JSB	R1500-1-0013-MV-IEPEL-31024	0-1 00
DATE	APRIL, 2014		

ANSI D CADD Drawing, DO NOT REVISE MANUALLY.

J:\Projects\11172956\11176887 RGE - RARP EM&CP\CADD\EM&CP DWGS SEGMENT 2 REV7\R1500-1-0013-MV-IEPEL-31024.dwg 1=1 9/8/2014-1 ELB