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# Interim Site Management Plan

**Malone (Amsden Street)**

**Former Manufactured Gas Plant Site**

**Malone, County of Franklin, New York**

**NYSDEC Site No. 517014**

July 2025

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Former Manufactured Gas Plant Site  
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NYSDEC Site No. 517014**

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**Prepared By:**

Arcadis of New York, Inc.  
One Lincoln Center, 110 West Fayette Street, Suite 300  
Syracuse, NY 13202  
United States  
Phone: 315 446 9120  
Fax: 315 449 0017

**Prepared For:**

Niagara Mohawk Power Corporation d/b/a  
National Grid  
300 Erie Boulevard West  
Syracuse, New York 13202

**Our Ref:**

30110066

I, Michael J. Benoit, certify that I am currently a New York State-registered professional engineer, and that this Interim Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



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Michael J. Benoit, PE  
Principal Environmental Engineer

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July 30, 2025

Date

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## Version Control

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## Acronyms and Abbreviations

Arcadis	Arcadis of New York, Inc.
AMSL	Above Mean Sea Level
BTEX	benzene, toluene, ethylbenzene, and xylenes
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
COPCs	constituents of potential concern
DCRs	Declarations of Covenants and Restrictions
DER-10	Division of Environmental Remediation-10/Technical Guidance for Site Investigation and Remediation, dated May 3, 2010
ECL	Environmental Conservation Law
EWP	Excavation Work Plan
FWRIA	Fish and Wildlife Resource Impact Analysis
HASP	Health and Safety Plan
HHEA	Human Health Exposure Assessment
IRM	interim remedial measure
ISMP	Interim Site Management Plan
MGP	manufactured gas plant
NAPL	non-aqueous phase liquid
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
Order	Order on Consent and Administrative Settlement (Index No. CO 7-20180629-27, dated July 13, 2018)
PAH	polycyclic aromatic hydrocarbon
The Property	Tax Parcels 98.81-1-4, 98.81-1-3.200 and 98.81-1-1
RI	remedial investigation
Site	25 Amsden Street, Malone, New York
SMP	Site Management Plan
VCO	Voluntary Cleanup Order (Index No. D0-0001-0011, dated January 25, 2002; superseded and replaced by the Order on Consent and Administrative Settlement (Order; Index No. CO 7-20180629-27), dated July 13, 2018)

## Executive Summary

Table ES-1 summarizes the institutional controls, inspection and reporting requirements detailed in this Interim Site Management Plan (ISMP) for off-site area that is associated with and located downstream of the former manufactured gas plant (MGP) site located at 25 Amsden Street in the Village of Malone, County of Franklin, New York (hereinafter, the “Site”; designated as Site No. 517014). The Site location is shown on **Figure 1**. The off-site area is located approximately 300 feet north of the Site, adjacent to the western riverbank of the Salmon River (**Figure 1**); and is comprised of three contiguous parcels (**Figure 2**), identified as tax map numbers 98.81-1-4 (approximately 2.7 acres), 98.81-1-3.200 (approximately 0.88 acre), and 98.81-1-1 (approximately 2.55 acres), all three parcels are referred to together from here as the “Property”. The Property is currently owned by the County of Franklin.

The ISMP was requested by the NYSDEC to serve as the controlling document for the Property while remediation of the Site and the Property are ongoing. After the completion of any required remedial actions associated with the Site and the Property, one Site Management Plan (SMP) will be prepared that will cover both the Property described herein and the Site. The SMP will also cover (as necessary) two additional off-site parcels (tax map numbers 112.25-1-21 and 112.24-5-7) associated with and adjacent to the Site.

Table ES-1. Interim Site Management Plan Summary

ISMP Element	Requirement
Institutional Controls	<ol style="list-style-type: none"> <li>1. The Declarations of Covenants and Restrictions (DCRs) for the Property expressly prohibit residential development within the DCR Areas (as hereinafter defined in Section 1.1) and use of groundwater, and require compliance with this ISMP.</li> <li>2. Data and information pertinent to the management of the Property must be reported at the frequency and in the manner defined in this ISMP.</li> <li>3. All future activities at the Property that will disturb soil within the DCR Areas (as hereinafter defined in Section 1.1) must be conducted in accordance with this ISMP.</li> <li>4. Access to the Property must be provided to agents, employees, or other representatives of the State of New York, with reasonable prior notice to the property owner, to assure compliance with the restrictions identified in the DCRs.</li> </ol>
Inspections	Inspections will be performed on an annual basis and within five days after an emergency, such as a natural disaster (e.g., flood, tornado, etc.), to verify the continued effectiveness of the institutional controls on the Property.
Reporting	A periodic review report will be submitted to the New York State Department of Environmental Conservation (NYSDEC) on an annual basis, beginning after NYSDEC’s approval of this ISMP.

# 1 Introduction

## 1.1 General

This Interim Site Management Plan (ISMP) has been prepared by Arcadis of New York, Inc. (Arcadis), on behalf of the Niagara Mohawk Power Corporation d/b/a National Grid (hereinafter National Grid), to identify the institutional controls, inspection and reporting requirements for the off-site area, referred to as the Property, that is associated with and located downstream of the former manufactured gas plant (MGP) site located at 25 Amsden Street in the Village of Malone, County of Franklin, New York (hereinafter, the “Site”; **Figure 1**). The Site is currently in the New York State Superfund Program (designated as Site No. 517014), which is administered by the New York State Department of Environmental Conservation (NYSDEC). The Property is located approximately 300 feet north of the Site, adjacent to the western riverbank of the Salmon River (**Figure 1**); and is comprised of three contiguous parcels, identified as tax map numbers 98.81-1-4 (approximately 2.7 acres), 98.81-1-3.200 (approximately 0.88 acre), and 98.81-1-1 (approximately 2.55 acres) (**Figure 2**). The Property is currently owned by the County of Franklin.

On January 25, 2002, Niagara Mohawk Power Corporation and NYSDEC entered into a Voluntary Cleanup Order (VCO; Index No. D0-0001-0011) that required National Grid to investigate and remediate, if necessary, each former MGP sites in New York State subject to the VCO, including the Site. The VCO was superseded and replaced by the Order on Consent and Administrative Settlement (Order; Index No. CO 7-20180629-27), dated July 13, 2018. The Order requires Niagara Mohawk Power Corporation d/b/a National Grid to complete the investigation and remediation, if necessary, of the MGP sites identified therein, including the Site.

A remedial investigation (RI) has been completed for the Site and the results documented in the NYSDEC-approved *Remedial Investigation Report* (RI Report; Arcadis 2017). NYSDEC’s approval was provided in a letter to National Grid dated June 8, 2017. As identified in the RI Report, the Property is not considered part of the Site but is considered an off-site area.

Based on observations made during test pit excavations conducted during the RI and an Interim Remedial Measure (IRM) completed by National Grid on the Property (Tax Parcel 98.81-1-4) in 2014 (Arcadis 2016), it is apparent that the property has been the historical location of uncontrolled dumping by the public. In addition to MGP-related tar, observations documented during the excavations completed on the Property consistently revealed a varying degree of anthropogenic materials, such as glass, wood, brick, plastic, and metal.

The Declarations of Covenants and Restrictions (DCRs) (**Appendix A** of this ISMP), recorded with the County of Franklin Clerk, require compliance with this ISMP and all institutional controls placed on the Property. The DCRs for each of the three parcels comprising the Property encumber from edge of water (Salmon River) to a distance inland ranging from approximately 33 to 50 feet (the “DCR Area(s)”) (**Figure 2**), as fully described in **Appendix A**. NYSDEC’s concurrence with the DCR Areas was provided in a letter to National Grid dated April 24, 2023 (**Appendix D**).

This ISMP has been prepared in accordance with Section 6.2 of NYSDEC’s *Technical Guidance for Site Investigation and Remediation* (DER-10; NYSDEC 2010) and other applicable NYSDEC guidelines.

## 1.2 Revisions

This ISMP is a required element of the DCRs and may only be revised with the approval of NYSDEC. Proposed revisions to this ISMP will be submitted in writing to the NYSDEC project manager. Revisions will be necessary upon, but not limited to, the following occurring:

- A change in property ownership or responsibility for implementing this ISMP; or
- Other significant change to the conditions of the DCR Areas.

All Site-related documents can be viewed by contacting NYSDEC or its successor agency managing environmental issues in New York State.

## 1.3 Notifications

All ground-intrusive (soil disturbance) activities within the DCR Areas must be approved by NYSDEC. Sufficient notification must be made to NYSDEC so they can make the decision on the type of reporting and oversight that will be required. Notifications for intrusive activities shall be submitted by the Property owner(s), in writing, to National Grid. With the aid of the property owner(s), National Grid will gather additional information to support the notification requirements and will submit in writing to the NYSDEC project manager, as needed, for the reasons and in the time-frames identified below:

- 60-day advance notice of any proposed changes in use of the Property that are required under the terms of the Order, 6 NYCRR 375, and/or the New York State ECL.
- 30-day advance notice of any field activity not requiring the *Excavation Work Plan* (EWP; Arcadis 2025), which is provided in **Appendix B** of this ISMP.
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the EWP.
- 18-month advance notice of any large-scale development.
- 7-day advance notice of any field activity associated with the remedial program.
- Verbal notice will be provided to National Grid and the NYSDEC by noon of the following day of any emergency, such as a fire, flood, or earthquake, that reduces, or has the potential to reduce, the effectiveness of the institutional controls on the Property, with written notice to NYSDEC within seven days after the emergency describing the actions taken, or to be taken, and the potential impact to the environment and the public.

In addition to the above, NYSDEC will be notified in writing at least 60 days prior to any change in the ownership of the Property or the responsibility for implementing this ISMP. In the case of a change in ownership, the written notification will include a certification that the prospective purchaser has been provided with a copy of the Order and all approved work plans and reports covering the Property, including this ISMP. Within 15 days after the transfer of all or part of the Property, the new owner's name, contact representative, and contact information will be confirmed in writing to NYSDEC.

The current contact information for the NYSDEC project manager and other Site-related contacts is provided in **Appendix C** of this ISMP. The list of Site-related contacts will be updated as necessary to provide accurate contact information.

## 1.4 Contents and Organization

To satisfy the applicable requirements of DER-10, the remainder of this ISMP is organized into five sections as follows:

- Section 2 (Background), presents general information regarding the Site and the Property, including the investigation and remediation activities conducted by National Grid and its consultants.
- Section 3 (Institutional Control Plan), provides additional information regarding the specific function and intended role of the institutional controls on the Property and describes the procedures required to implement and manage those controls.
- Section 4 (Inspection Plan), describes the periodic inspection requirements for the DCR Areas.
- Section 5 (Certification and Reporting Requirements), describes the annual certification and reporting requirements for the institutional controls and associated inspections for the Property.
- Section 6 (References), presents a list of reference documents used in the preparation of this ISMP.

## 2 Background

### 2.1 General

This section provides general information regarding the Site and the Property, including the investigation and remediation activities conducted by National Grid and its consultants.

### 2.2 Site and Property Location and Description

The Site is owned by National Grid and is located at 25 Amsden Street in a mixed commercial and residential portion of the Village of Malone, New York. The site comprises approximately 2.6 acres and is bound by Amsden Street to the west and the Salmon River to the east. The former MGP is located in the southern approximately half of the Site. The Site location is depicted on a U.S. Geological Survey (USGS) 7.5 minute quadrangle map, provided as **Figure 1**. The Site is secured with chain-link fencing and locking gates.

Relief of the Site is significant, with a sharp drop of approximately 50 feet (ft) from Amsden Street to the Salmon River (i.e., grade elevation of 692 ft Above Mean Sea Level [AMSL] near Amsden Street to a grade elevation of 645 ft AMSL near the river). The river flows to the north in the vicinity of the Site. Much of the Site to the east and north is heavily forested, with frequent signs of fill debris noted along the embankment in the northern area (hereafter referred to as “former dumping area”), likely resulting from dumping of general refuse by the public and/or nearby manufacturing businesses (e.g., former Malone Rubber Company).

The Property is not considered part of the Site but is considered an off-site area, located north (downstream) of the Site, adjacent to the western riverbank of the Salmon River (**Figure 1**). The Property is comprised of three contiguous parcels, identified as tax map numbers 98.81-1-4 (approximately 2.7 acres), 98.81-1-3.200 (approximately 0.88 acre), and 98.81-1-1 (approximately 2.55 acres) (**Figure 2**). For each of the three parcels, the DCRs encumber from edge of water (Salmon River) to a distance inland ranging from approximately 33 to 50 feet (**Figure 2**). The DCR Area for each parcel comprising the Property is fully described in the DCRs provided in **Appendix A** of this ISMP.

Small, isolated pieces of MGP-related tar have been observed on two parcels (Tax Parcels 98.81-1-4 and 98.81-1-3.200) comprising the Property. Based on observations made during test pit excavations and the IRM completed by National Grid on these two parcels in 2014 (see Section 2.3), it is apparent that these two parcels have been the historical location of uncontrolled dumping by the public. In addition to MGP-related tar, observations documented during the excavations completed on these two parcels consistently revealed a varying degree of anthropogenic materials, such as glass, wood, brick, plastic, and metal.

#### 2.2.1 Operational History of the Site

As detailed in the RI Report, based on review of available Sanborn Fire Insurance maps, the Site was used to manufacture coal gas from the 1880s to the 1940s. At its peak of operation, the MGP consisted of a retort house, purifier house, tar tank, coal storage facilities, coke storage building, two gas holders (one above-grade and one below-grade construction), power house, and a substation building. Following cessation of gas production in the 1940s, the Site was used for storage and distribution of propane gas, as well as more recent use for warehousing of carpeting and other home furnishings. The Site parcel was repurchased by Niagara Mohawk Power Corporation d/b/a National Grid in 2001 and has not been used or occupied since.

## 2.2.2 Regulatory History

On January 25, 2002, Niagara Mohawk Power Corporation and NYSDEC entered into a Voluntary Cleanup Order (VCO; Index No. D0-0001-0011) that required National Grid to investigate and remediate, if necessary, each former MGP sites in New York State subject to the VCO, including the Site. The VCO was superseded and replaced by the Order on Consent and Administrative Settlement (Order; Index No. CO 7-20180629-27), dated July 13, 2018. The Order generally requires National Grid to complete the investigation and remediation, of former MGP sites identified therein, including the Site.

A remedial investigation (RI) has been completed for the Site and the results documented in the NYSDEC-approved RI Report (Arcadis 2017). NYSDEC's approval was provided in a letter to National Grid dated June 8, 2017. As identified in the RI Report, the Property is not considered part of the Site, but is considered an off-site area. The ISMP was requested by the NYSDEC to serve as the controlling document for the Property while remediation of the Site and the Property are ongoing. After the completion of any required remedial actions associated with the Site and the Property, one SMP will be prepared that will cover both the Property described herein and the Site. The SMP will also cover (as necessary) two additional off-site parcels (tax map numbers 112.25-1-21 and 112.24-5-7) associated with and adjacent to the Site.

## 2.3 The Property Previous Investigations and Remedial History

### 2.3.1 Test Pit Excavation

Test pits were excavated on Tax Parcel 98.81-1-4 of the Property (**Figure 2**) during two mobilizations: an initial mobilization was conducted on August 3, 2011, and a follow-up IRM pre-design investigation (PDI) was conducted on July 29, 2013. The investigations were conducted in accordance with the following NYSDEC-approved work plans:

- *Results for Off-Site Investigation of Carter Property*, submitted to the NYSDEC on August 30, 2011 (National Grid 2011b). The NYSDEC provided approval of the work plan, as documented in a May 17, 2011 letter to National Grid.
- *IRM Pre-Design Investigation for Tax Parcel 98.81-1-4 (Former Carter Property, property now owned by Travis Pritchard)*, submitted to the NYSDEC on August 30, 2013 (National Grid 2013). The NYSDEC provided approval of the work plan, as documented in a May 23, 2013, letter to National Grid.

The objective of the initial investigation was to assess the presence and distribution of tar pieces on the Property proximal to the Salmon River. Tar pieces were previously observed on the riverbank adjacent to Tax Parcel 98.81-1-4; therefore, the investigation was completed to evaluate whether the tar pieces were also present in subsurface soil inward from the river. The objective of the IRM PDI was to further assess the absence/presence and distribution of MGP-related wastes previously encountered during the initial investigation, with the intent of defining the limits of removal to be performed as an IRM (the details of the IRM are discussed in Section 2.3.2). A total of nine test pits (CTP-1 through CTP-6, and CTP-2A through CTP-2C) were excavated during the initial investigation, and a total of nine test pits (CTP-7 through CTP-15) were excavated during the IRM PDI (i.e., 18 total test pits between the two mobilizations). **Figure 2** shows the test pit locations.

The locations of the test pits were agreed to in the field with the on-site NYSDEC representative prior to starting the work. Test pits were excavated using a rubber-tired backhoe or a track-mounted excavator operated by OP-TECH Environmental Services. Test pits were approximately 9 to 15 ft long and were excavated to approximately 1 ft below the water table, which was encountered between approximately 4 and 6.5 ft below grade. Soils recovered from the test pits were visually characterized (i.e., for staining, presence of tar, soil type, etc.) and screened with a PID to assess the presence of volatile organic vapors. National Grid and the NYSDEC concurred in the field that soil sampling for laboratory analysis was not required during the initial mobilization; however, one waste characterization sample was collected from test pit CTP-2 during the IRM PDI to profile soil for off-site disposal purposes.



*Test pit CTP-2 on the Property, looking south*

Observations and measurements made at each test pit were recorded in field notes, and each test pit was photo-documented. Copies of the test pit logs are provided in **Appendix D**.

Each test pit was backfilled using material excavated from that test pit. The material was returned to the test pit in the approximate order from which it was removed. Test pit locations were surveyed relative to the NAD83 New York State Plane Coordinate System, East Zone, and the grade elevations were surveyed relative to NAVD88.

### 2.3.2 The Property IRM

National Grid completed an IRM on the Property on September 16 and 17, 2014. The purpose of the IRM was to remove and dispose of MGP-related wastes (i.e., tar) encountered on Tax Parcel 98.81-1-4 (**Figure 2**). The IRM addressed the following MGP wastes:

- Test pit CTP-1, where two softball-sized pieces of hardened tar were observed in August 2011.
- Test pit CTP-2, where an approximate 6-inch layer of taffy-like tar was observed in August 2011, at approximately 4.5 to 5 ft below grade.
- Scattered, small pieces of hardened tar along the riverbank that were manually removed in July 2013.

The IRM was conducted in substantial conformance with the November 2013 IRM Work Plan prepared by Arcadis (Arcadis 2013) and approved by the NYSDEC in a November 15, 2013, letter to National Grid. Arcadis prepared a draft IRM Construction Completion Report (CCR) and submitted the draft report to the NYSDEC on December 7, 2015 (Arcadis 2015). The NYSDEC provided approval of the report as documented in a June 6, 2016, letter to National Grid. A copy of the final IRM CCR Report and NYSDEC's approval letter are provided in **Appendix D**.

### 2.3.3 The Property Remedial Investigation Conclusions

The NYSDEC-approved RI completed for the Site addressed the Property. The details are provided in the RI Report (Arcadis 2017) and summarized below.

- Solidified pieces of tar have been observed on the western riverbank approximately 300 to 700 ft downriver from the Site on two parcels (Tax Parcels 98.81-1-3.200 and 98.81.1.4) of the Property. The locations of the tar pieces are given the prefix "RBT" on **Figure 2**. The tar pieces observed on parcel 98.81.1.4 were removed

by National Grid during an IRM completed in 2014; however, as identified in the RI Report, the tar observed on the riverbank of Tax Parcel 98.81-1-3.200 remains. Forensic evaluations for each of the parcels concluded that the tar pieces had the same chemical composition as the solidified tar observed at the Site.

- One of the downstream sediment samples collected during the RI, NG-SR-SD-19 (**Figure 2**) contained the highest concentration of Total PAH<sub>17</sub> (290.5 mg/kg). This sample was collected at the toe of the bank adjacent to the Property; however, solidified tar pieces were not observed in this sediment sample. As previously mentioned, solidified tar pieces (subsequently removed during the 2014 IRM) were previously observed on the riverbank in this area. Taffy-like tar was also observed in one test pit excavated on the Property (also removed during the 2014 IRM). Various sorts of municipal and construction wastes (in addition to the tar) were observed during excavations on the Property and on the bank of the river.
- During the Fish and Wildlife Resource Impact Analysis (FWRIA) conducted as part of the RI, no evidence of stressed vegetation or negative impacts on wildlife was observed within the Site or surrounding areas. At the Property (Tax Parcel 98.81-1-4), tar was encountered in small, isolated areas on and embedded within the western riverbank. There was no evidence of stress near these isolated locations. The tar on Property Tax Parcel 98.81-1-3.200 was not observed during the site visit. Tar was identified as a potentially complete ecological exposure pathway for benzene, toluene, ethylbenzene, and xylenes (BTEX) and/or polycyclic aromatic hydrocarbon (PAH) compounds.
- The Human Health Exposure Assessment conducted as part of the RI concluded that PAHs and/or BTEX in tar on the riverbank of the Property is a potential exposure for recreational users and trespassers, although the exposure could be limited due to the solid nature of the tar.

## 2.4 Nature and Extent of Impacts on the Property

As detailed in the RI Report, PAH source evaluations were conducted on two separate occasions to assess whether tar observed on the riverbank of the Property could be attributable to the former MGP operations. The tar was observed on the riverbank of Tax Parcels 98.81-1-3.200 and 98.81.1.4 (**Figure 2**). The PAH source evaluations included the collection of tar pieces from these two parcels of the Property and comparing the compositional signature of the tar pieces to that of tar samples collected from the Site. The forensic evaluations found that tar observed on the Property had a PAH compositional signature similar to that of the tar observed on the Site, and all tar samples were produced by the same process. National Grid concluded that, given the proximity of the Site to the Property, the former MGP cannot be ruled out as the source of the tar on the Property.

National Grid conducted an IRM on Tax Parcel 98.81.1.4 in September 2014 to remove the tar observed on the riverbank and in the subsurface soil, further inland from the riverbank. As of the date of the RI Report (Arcadis 2017), the tar observed on Tax Parcel 98.81-1-3.200 remains in place. It is reasonable to assume that the remaining tar contains concentrations of BTEX and/or PAHs exceeding applicable soil cleanup objectives.

## 3 Institutional Control Plan

### 3.1 General

As described in Section 1.1, institutional controls have been established on the Property. This section provides additional information regarding the specific function and intended role of the institutional controls and describes the procedures required to implement and manage those controls.

The contents and requirements of this section may only be revised with the approval of NYSDEC.

### 3.2 Institutional Controls

Adherence to the institutional controls on the Property is required by the DCRs (**Appendix A**). The specific institutional controls to be implemented under this ISMP are summarized as follows:

1. The DCR Areas within the Property are prohibited from residential development and may only be used for uses allowable under current zoning provided that the long-term institutional controls identified in this ISMP are employed.
2. Use of groundwater underlying the Property is prohibited.
3. Data and information pertinent to the management of the Property must be reported at the frequency and in the manner defined in this ISMP.
4. All future activities within the DCR Areas that will disturb soil (ground-intrusive) must be conducted in accordance with this ISMP.
5. Inspection and reporting must be performed as defined in this ISMP.
6. Access to the Property must be provided to agents, employees, or other representatives of the State of New York, with reasonable prior notice to the property owner(s), to assure compliance with the restrictions identified in the DCRs.

The DCR Areas may not be used for residential purposes, as defined in 6 NYCRR 375-1.8(g)(2)(i), and the institutional controls may not be discontinued without an amendment or extinguishment of the DCRs.

The EWP (provided in **Appendix B** of this ISMP) outlines the procedures required to be implemented in the event that the soil is disturbed within the DCR Areas.

Any work conducted pursuant to the EWP will also be conducted in accordance with a task-specific Health and Safety Plan (HASP) and a Community Air Monitoring Plan (CAMP), which will be prepared by the party performing the work. The party performing the work is responsible for addressing task-specific hazards/hazard controls and must verify that its HASP is in current compliance with DER-10, Title 29, Section 1910 of the Code of Federal Regulations (29 CFR 1910), 29 CFR 1926, and all other applicable federal, state, and local regulations. NYSDOH's *Generic Community Air Monitoring Plan* and NYSDEC's *Fugitive Dust and Particulate Monitoring*, Appendices 1A and 1B, respectively in DER-10 (NYSDEC 2010) are provided in **Appendix E** of this ISMP and may be used as a guide by the party performing the ground-intrusive work under the EWP.

## Interim Site Management Plan

The HASP and CAMP will be submitted to NYSDEC as part of the written notification required for work under the EWP (refer to Section 1.3 of this ISMP and Section 1 of the EWP). Any ground-intrusive work shall comply with the EWP, HASP, and CAMP, and will be documented in the subsequent periodic review report in accordance with this ISMP (Section 5.3).

## 4 Inspection Plan

### 4.1 General

This section describes the periodic inspection requirements for the DCR Areas, including the methods to be used for the following:

- Conducting periodic inspections of the DCR Areas to verify the continued effectiveness of the institutional controls.
- Documenting and preparing the necessary reports for the inspection activities.

The contents and requirements of this section may only be revised with the approval of NYSDEC.

### 4.2 Inspections of the DCR Areas

Inspections of the DCR Areas will be conducted on an annual basis to assess the following:

- Compliance with all institutional controls, including administrative requirements and activity and use restrictions.
- General conditions at the time of the inspection.

In the event of an emergency, such as a natural disaster (e.g., flood, tornado, etc.), an additional inspection will be conducted, within five days after the emergency, to verify the continued effectiveness of the institutional controls on the DCR Areas. As required by Section 1.3 of this ISMP, NYSDEC will be verbally notified by noon of the following day of any such emergency. Written notice will be provided to NYSDEC within seven days after the emergency describing the actions taken, or to be taken, and the potential impact to the environment and the public.

The results of each inspection for any DCR Area(s) will be recorded on the appropriate inspection form provided in **Appendix F** of this ISMP and will be documented in the periodic review report in accordance with Section 5.3 of this ISMP.

### 4.3 Documentation and Recordkeeping

Field observations, measurements, notes, and other relevant information generated during inspections will be recorded on an appropriate form or in a field log book, as appropriate. Completed forms and other field records will be maintained in a central project file and, as appropriate, will be included in the periodic review report.

All forms and other relevant reporting formats used during inspections are subject to NYSDEC review and approval.

## 5 Certification and Reporting Requirements

### 5.1 General

This section describes the annual certification and reporting requirements for the institutional controls on the Property and the associated inspections. The contents and requirements of this section may only be revised with the approval of NYSDEC.

### 5.2 Certification of Institutional Controls

After the last inspection of the reporting period, a qualified environmental professional will prepare and sign the following certification statement:

“For each institutional control identified for the Property, I certify that all of the following statements are true:

- The inspection DCR Areas to confirm the effectiveness of the institutional control required by the DCRs was performed under my direction.
- The institutional control employed at the Property is unchanged from the date the control was put in place, or last approved by the Department.
- Nothing has occurred that would impair the ability of the control to protect public health and the environment.
- Nothing has occurred that would constitute a violation or failure to comply with the ISMP for this control.
- Access to the Property will continue to be provided to the Department to evaluate the effectiveness of this ISMP, including access to evaluate the continued maintenance of the institutional control.
- Use of the Property is compliant with the DCRs.
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the DCRs and this ISMP.
- The information presented in this report is accurate and complete.

I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, [NAME], of [BUSINESS ADDRESS], am certifying as [OWNER or OWNER’S DESIGNATED SITE REPRESENTATIVE or REMEDIAL PARTY or REMEDIAL PARTY’S DESIGNATED SITE REPRESENTATIVE].”

A signed certification statement will be included in each periodic review report described in Section 5.3 below.

### 5.3 Periodic Review Report

A periodic review report will be submitted to NYSDEC on an annual basis beginning after NYSDEC’s approval of this ISMP. In the event that the Property is subdivided into separate parcels with different ownership, a single periodic review report will be prepared that addresses the Property described in the DCRs (**Appendix A**).

The periodic review report will be prepared in accordance with Section 6.3 of DER-10 and will include, at a minimum, the following:

- Identification, assessment, and certification of all institutional controls required by the DCRs.
- Description of any ground-intrusive work pursuant to Section 3 of this ISMP.
- Date(s) and results of the required annual inspections and any other inspections performed in response to a natural disaster (e.g., flood, tornado, etc.).
- All applicable inspection forms and other records generated for the Property during the reporting period.
- An evaluation which includes the following:
  - Compliance with the requirements of the DCRs;
  - Any new conclusions or observations regarding the Property based on monitoring and inspection results; and
  - Recommendations regarding any necessary changes to the inspection programs.

The periodic review report will be submitted within 30 days of the end of each certification period to both NYSDEC and NYSDOH.

## **5.4 Corrective Measures Work Plan**

If the periodic certification cannot be provided due to the failure of an institutional control, a corrective measures work plan will be prepared and submitted to NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the corrective measures work plan until it has been approved by NYSDEC.

## 6 References

Arcadis. 2013. *Interim Remedial Measure Work Plan*, Malone (Amsden Street) Former MGP Site, Site No. #V00469, Tax Parcel 98.81-1-4, City of Malone, Franklin County. November.

Arcadis. 2016. *IRM Construction Completion Report*, Malone (Amsden Street) Former MGP Site, Site No. #V00469, Tax Parcel 98.81-1-4, City of Malone, Franklin County. August.

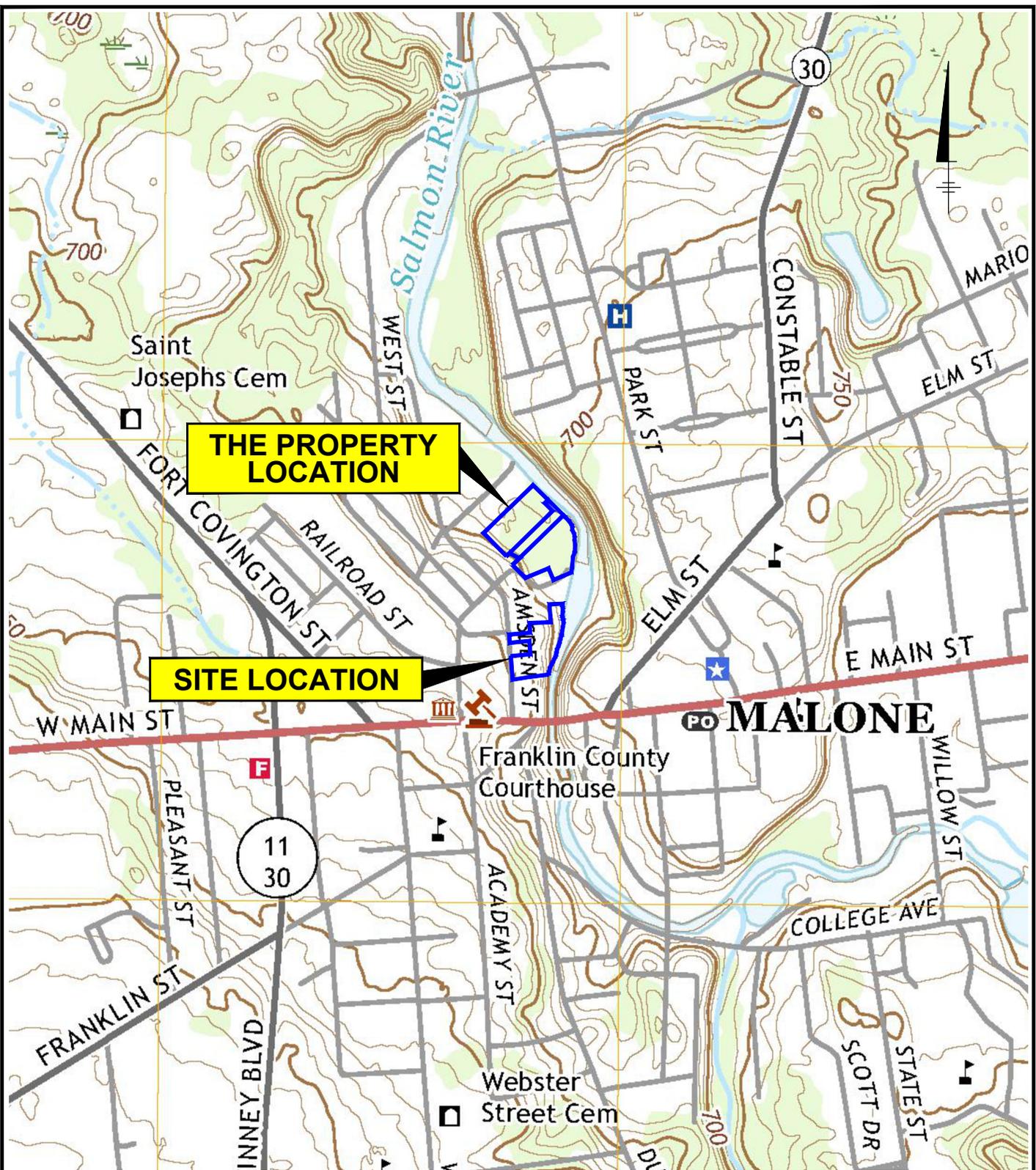
Arcadis. 2017. *Remedial Investigation Report*, Malone (Amsden Street) Former MGP Site, Site No. #V00469, Malone, Franklin County. August.

Arcadis. 2025. *Excavation Work Plan – Off-Site Property*, Malone (Amsden Street) Former MGP Site, Site No. 517014, Malone, Franklin County. July.

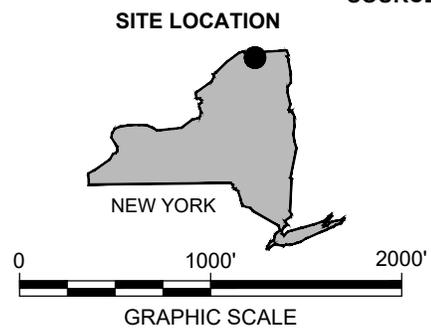
NYSDEC. 2009. *Groundwater Monitoring Well Decommissioning Policy*. Commissioner Policy CP-43. Division of Environmental Remediation. November 3.

NYSDEC. 2010. *Technical Guidance for Site Investigation and Remediation*. Program Policy DER-10. Division of Environmental Remediation. May.

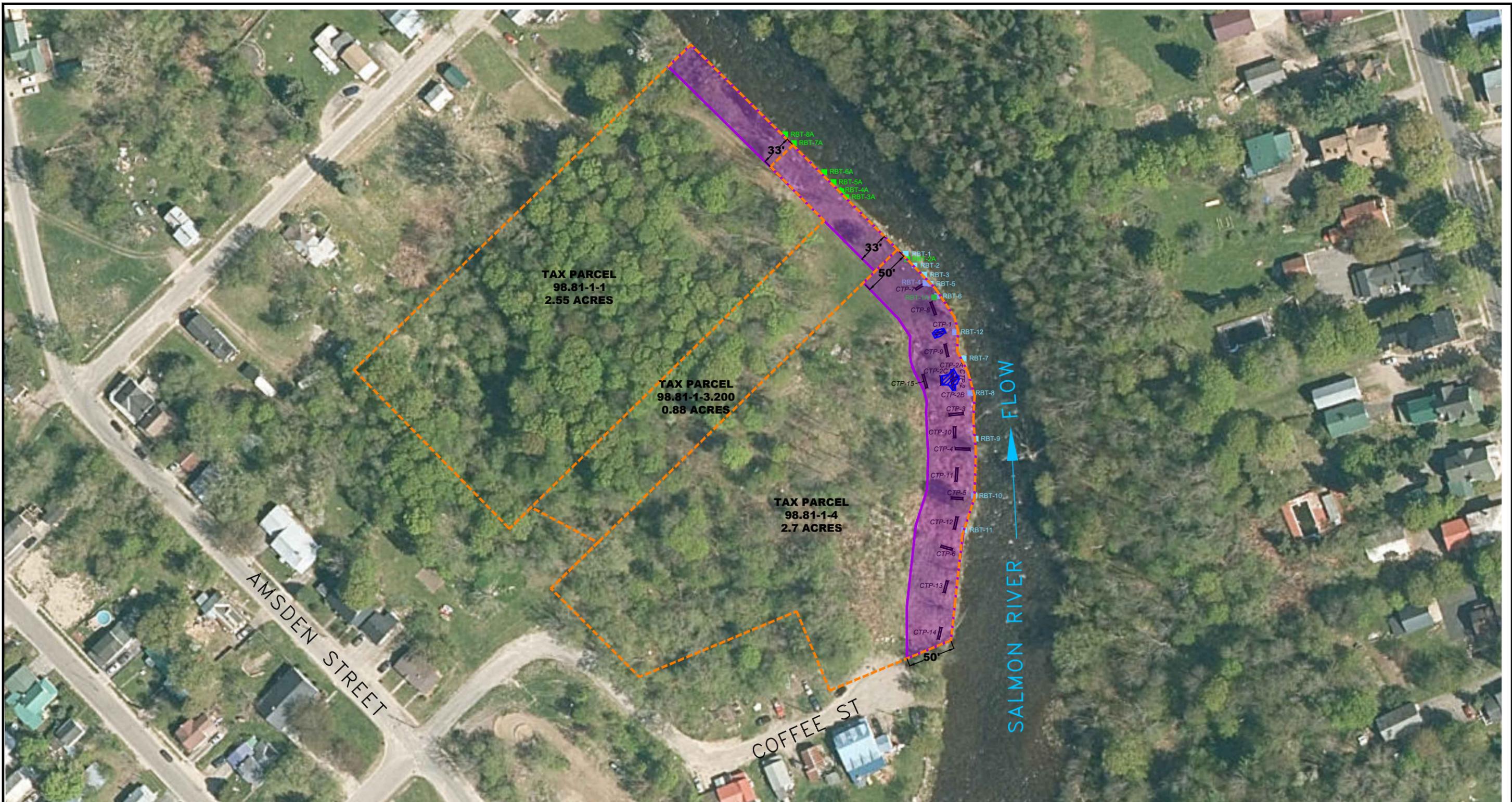
# Figures



SOURCE: USGS TOPOGRAPHIC MAP QUAD: MALONE, NY DATE: 2019 7.5 X 7.5 GRID

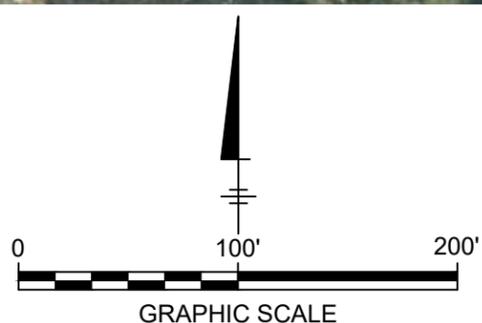


NATIONAL GRID MALONE (AMSDEN STREET) FORMER MGP SITE MALONE, NEW YORK <b>INTERIM SITE MANAGEMENT PLAN</b>	
<b>SITE MAP</b>	
	FIGURE <b>1</b>



- LEGEND:**
- APPROXIMATE PARCEL BOUNDARY
  - TEST PIT LOCATION
  - TAR PIECE(S) OBSERVED AND REMOVED ON RIVER BANK (JULY 29, 2013)
  - TAR OBSERVED ON RIVER BANK (AUGUST 22, 2014)
  - APPROXIMATE DCR BOUNDARY
  - ▭ 2014 INTERIM REMEDIAL MEASURE EXCAVATION LIMITS
  - DCR
  - DECLARATION OF COVENANTS AND RESTRICTIONS

- NOTES:**
1. AERIAL PHOTOGRAPH OBTAINED FROM: <https://orthos.its.ny.gov/arcgis/rest/services/wms/2020/MapServer>. IMAGE DATED APRIL/MAY 2020.
  2. 2022 PARCEL DATA FOR FRANKLIN COUNTY, NEW YORK, WAS OBTAINED FROM ESRI FEATURE SERVICES.
  3. EACH OF THREE PARCELS COMPRISING THE PROPERTY ARE OWNED BY THE COUNTY OF FRANKLIN AND EACH HAVE A SEPARATE DCR.



NATIONAL GRID MALONE (AMSDEN STREET) FORMER MGP SITE MALONE, NEW YORK <b>INTERIM SITE MANAGEMENT PLAN</b>	
<b>THE PROPERTY</b>	
	FIGURE <b>2</b>

# Appendix A

## Declarations of Covenants and Restrictions



FRANKLIN COUNTY – STATE OF NEW YORK  
 KIP CASSAWAW, COUNTY CLERK  
 P.O. BOX 70, 355 W. MAIN ST, STE 248, MALONE, NEW YORK 12953

COUNTY CLERK'S RECORDING PAGE  
 \*\*\*THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH\*\*\*



INSTRUMENT #: 2025-4465

Receipt#: 2025324987  
 Clerk: KM  
 Rec Date: 04/16/2025 08:09:57 AM  
 Doc Grp: RP  
 Descrip: COVENANT  
 Num Pgs: 8  
 Rec'd Frm: FRANKLIN COUNTY

Party1: FRANKLIN COUNTY  
 Party2: FRANKLIN COUNTY  
 Town: MALONE

Recording:

Cover Page	0.00
Recording Fee	0.00
Cultural Ed	0.00
Records Management - Coun	0.00
Records Management - Stat	0.00

Sub Total: 0.00

Transfer Tax	
Transfer Tax	0.00

Sub Total: 0.00

Total: 0.00

\*\*\*\* NOTICE: THIS IS NOT A BILL \*\*\*\*

\*\*\*\*\* Transfer Tax \*\*\*\*\*  
 Transfer Tax #: 1428  
 Exempt

Total: 0.00

I hereby certify that the within and foregoing was recorded in the Franklin County Clerk's Office.

*Kip Cassawaw*  
 County Clerk

Record and Return To:

FRANKLIN COUNTY

\*\*Notice\*\* Information may change during the verification process and may not be reflected on this page

## DECLARATION of COVENANTS and RESTRICTIONS

**THIS DECLARATION** is made the 3<sup>rd</sup> day of April 2025, by the COUNTY OF FRANKLIN, an administrative subdivision of the State of New York, having an address of 355 West Main Street, Malone, New York 12953 (the "Owner"); and

**WHEREAS**, the Owner is the fee owner of a parcel of real property located in the Village of Malone, County of Franklin, State of New York, and identified as tax parcel number 98.81-1-1, which is same as the property conveyed to Owner from Francis Perry, Franklin County Treasurer, being the tax enforcing officer of Franklin County, as described in the vesting deed dated November 22, 2021, and recorded on November 23, 2021 at the Franklin County Clerk as Instrument Number 2021-6394, and hereinafter referred to as the "Property"; and

**WHEREAS**, pursuant to New York State Department of Environmental Conservation ("Department") Order on Consent and Administrative Settlement Index# C07-20180629-27 (the "Order"), dated July 11, 2018, Niagara Mohawk Power Corporation d/b/a National Grid ("National Grid") is required to perform investigation and remediation activities on a portion of the Property, being more particularly described in Schedule "A" and more specifically located as depicted on Schedule "B", attached to this declaration and made a part hereof, and hereinafter referred to as the "DCR Area"; and

**WHEREAS**, the Property is an off-site parcel to the Malone (Amsden St.) former Manufactured Gas Plant ("MGP") Site, referred to as Site No. 517014; and

**WHEREAS**, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the MGP-related impacts remaining at the Property and it has been agreed to by National Grid and the Owner that a portion of the Property, being the DCR Area, be subject to restrictive covenants; and

**WHEREAS**, the DCR Area shall be subject to a Department-approved Interim Site Management Plan and/or a subsequent Site Management Plan (collectively, "SMP"), prepared by National Grid and consented to by Owner.

**NOW, THEREFORE**, Owner, for itself and its successors and/or assigns, covenants that:

First, the DCR Area subject to this Declaration is identified as a portion of tax parcel number 98.81-1-1, and is located in the Village of Malone, County of Franklin, State of New York.

Second, unless prior written approval by the Department, or if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "Relevant Agency," is first obtained, where MGP-related impacts remaining at the Property is subject to the provisions of the SMP, there shall be no construction on the DCR Area that results in the disturbance or excavation

of the DCR Area, which threatens the integrity of the engineering controls, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP.

Third, the Owner of the Property shall not disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls, which are described in the SMP, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP and a written waiver of such prohibition from the Department or Relevant Agency.

Fourth, the Owner of the Property shall prohibit the DCR Area from ever being used for purposes other than for restricted residential, commercial or industrial use, pursuant to the SMP, without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the use of groundwater underlying the Property is prohibited without necessary water quality treatment as determined by the New York State Department of Health or Franklin County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department or Relevant Agency.

Sixth, the Owner of the Property shall permit National Grid and its successors to access the DCR Area and the Property to perform investigation and remediation activities as required by the Department and pursuant to the Order and the SMP, potentially including but not limited to: (i) soil borings, test pits and sampling of soil and groundwater for preliminary design investigation work associated with the alternatives analysis and remedial action, (ii) future remedial activities approved by the Department that shall be further memorialized by remedial access agreements between National Grid and the Owner and (iii) post-remedial activities, the installation of monitoring wells and sampling pursuant to the SMP and periodic certification, prepared and submitted by a professional engineer or environmental professional, which will certify that the engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired.

Seventh, the Owner of the Property shall continue in full force and affect any institutional and engineering controls required for the remedy and maintain such controls, pursuant to the SMP, unless the Owner first obtains permission to discontinue such controls from the Department or Relevant Agency in compliance with the approved SMP, which is incorporated and made enforceable hereto, subject to modifications as approved by the Department or Relevant Agency.

Eighth, this Declaration of Covenants and Restrictions is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the Owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions that the Order requires to be recorded, and hereby covenant not to contest the authority of the Department or Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the Property, or any portion thereof containing the DCR Area, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

Tenth, to the extent there is any conflict or inconsistency between the terms of this Declaration of Covenants and Restrictions and the SMP, the terms of the SMP will control.

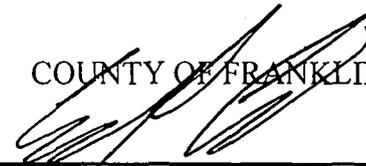
Eleventh, The Owner and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from: Site Control Section, Division of Environmental Remediation, NYSDEC, 625 Broadway, Albany, NY 12233; Phone: (518) 402-9553.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

COUNTY OF FRANKLIN

By:

  
Name: Edward Lockwood  
Title: Chairman, Board of Legislature

STATE OF NEW YORK )  
 )ss:  
COUNTY OF FRANKLIN )

On the 3<sup>rd</sup> day of April in the year 2025, before me, the undersigned, personally appeared Edward Lockwood, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signatures(s) on the instrument, the individual(s), or the person on behalf of which the individual(s) acted, executed the instrument.

  
Notary Public

KIP CASSAW  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN FRANKLIN COUNTY  
REGISTRATION NO. 04CA6221288  
COMMISSION EXPIRES MAY 3, 2026

## Schedule A

### Legal Description of the Property

#### DECLARATION OF COVENANTS AND RESTRICTIONS-SCHEDULE A

##### Part of Tax Parcel 98.81-1-1 Lands of County of Franklin

All that tract or parcel of land situate northeasterly of Amsden Street, southeasterly of Factory Street and southwesterly of Salmon River in the Village of Malone, County of Franklin and State of New York, bounded and described as follows:

Beginning at a point at the southwesterly shoreline of the Salmon River at the ordinary high water line and at the easterly corner of Tax Parcel 98.81-1-1 now or formerly County of Franklin (Instr. 2021-6394), and proceeding on a NYS Grid bearing;

thence South 45 degrees 53 minutes 19 seconds West along the common boundary of County of Franklin Tax Parcel 98.81-1-1 and Tax Parcel 98.81-1-3.200 a distance of 28.40 feet to an iron rod found, this course passes through an iron rod found 8 feet more or less from the river shoreline;

thence South 44 degrees 34 minutes 28 seconds East along the common boundary of County of Franklin Tax Parcel 98.81-1-1 and Tax Parcel 98.81-1-3.200 a distance of 16.73 feet to a point;

thence through Tax Parcel 98.81-1-1 now or formerly Franklin County, 33 feet more or less distant from the southwesterly shoreline of the Salmon River, the following three courses:

- 1) North 68 degrees 34 minutes 24 seconds West a distance of 32.00 feet to a point;
- 2) North 51 degrees 20 minutes 48 seconds West a distance of 29.17 feet to a point;
- 3) North 41 degrees 28 minutes 28 seconds West a distance of 113.74 feet to a point in the northwesterly boundary of Tax Parcel 98.81-1-1 now or formerly Franklin County and southeasterly boundary of a parcel now or formerly John F. Burgess, III (Instr. 2019-5150);

thence North 45 degrees 50 minutes 14 seconds East along the aforesaid common boundary of County of Franklin and John F. Burgess, III a distance of 34.80 feet to a point at the southwesterly shoreline of the Salmon River, this course passes through an iron rod found 9 feet more or less from the river shoreline;

thence generally southeasterly along the southwesterly shoreline of the Salmon River as it winds and turns the following four courses:

- 1) South 20 degrees 57 minutes 36 seconds East a distance of 5.21 feet to a point;
- 2) South 41 degrees 28 minutes 23 seconds East a distance of 107.26 feet to a point;
- 3) South 51 degrees 20 minutes 48 seconds East a distance of 21.92 feet to a point;
- 4) South 67 degrees 52 minutes 16 seconds East a distance of 23.28 feet to the point of beginning of this description.

Containing 0.12 Acres of land more or less, as surveyed in July 2023 by Ronald E. Towne, L.S. 050331 of WCT Surveyors, P.C. Bearings are referenced to NYS Grid North.

Being a portion of Tax Parcel 98.81-1-1 conveyed to the County of Franklin by deed dated November 22, 2021 and recorded in the Franklin County Clerk's Office as Instrument Number 2021-6394.

**Schedule B**

DCR Area

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7208, sub-division 2, of the New York State Education Law.

Only signed copies from the original of this survey marked with an original of the land surveyor's inked or embossed seal shall be considered to be valid true copies.

Now or Formerly  
Village of Malone  
(Liber 510 Page 34)

Now or Formerly  
Franklin County  
(Instr. 2022-2799)

Now or Formerly  
John Burgess, Sr.  
(Liber 671 Page 11)

Now or Formerly  
John Burgess, Sr.  
(Liber 688 Page 120)

Now or Formerly  
Robert Carter  
(Liber 899 Page 111)

Now or Formerly  
Robert Carter  
& Truss Pritchard  
(Instr. 2022-6379)

Now or Formerly  
John F. Burgess, III  
(Instr. 2019-5150)

Now or Formerly  
John Cook  
& Verna Cook  
(Liber 693 Page 33)

Now or Formerly  
Loy Kessler  
(Instr. 2017-4100)

Now or Formerly  
George Blando, et of  
(Liber 966 Page 268)

Found  
Iron Rod  
(Drake cap)

130.20'

Found  
Iron Rod  
(Drake cap)

104.36'

Found  
Iron Rod  
(Drake cap)

104.36'

Found  
Iron Rod  
(Langton cap)

104.36'

Now or Formerly  
Marie Labroke  
(Liber 437 Page 579)

Tax Parcel 98.81-1-1  
Now or Formerly  
County of Franklin  
(Instr. 2021-6394)  
Contains +/- 2.56 Acres

S45°37'19"W  
461.00'

N45°37'19"E  
430.34'

Tax Parcel 98.81-1-3,200  
Now or Formerly  
County of Franklin  
(Instr. 2021-6394)

Found  
Iron Rod  
(Haynes & Smith cap)  
+/- 8" from shore

L30

33'

86.7'

L27

L23

L28

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FRANKLIN COUNTY – STATE OF NEW YORK  
 KIP CASSAWAW, COUNTY CLERK  
 P.O. BOX 70, 355 W. MAIN ST, STE 248, MALONE, NEW YORK 12953

COUNTY CLERK'S RECORDING PAGE  
 \*\*\*THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH\*\*\*



INSTRUMENT #: 2025-4463

Receipt#: 2025324984  
 Clerk: AJ  
 Rec Date: 04/15/2025 03:35:39 PM  
 Doc Grp: RP  
 Descrip: COVENANT  
 Num Pgs: 8  
 Rec'd Frm: FRANKLIN COUNTY

Party1: FRANKLIN COUNTY  
 Party2: FRANKLIN COUNTY  
 Town: MALONE

Recording:

Cover Page	0.00
Recording Fee	0.00
Cultural Ed	0.00
Records Management - Coun	0.00
Records Management - Stat	0.00

Sub Total: 0.00

Transfer Tax	
Transfer Tax	0.00

Sub Total: 0.00

Total: 0.00

\*\*\* NOTICE: THIS IS NOT A BILL \*\*\*

\*\*\*\*\* Transfer Tax \*\*\*\*\*  
 Transfer Tax #: 1426  
 Exempt

Total: 0.00

I hereby certify that the within and foregoing was recorded in the Franklin County Clerk's Office

County Clerk

Record and Return To:

FRANKLIN COUNTY

\*\*Notice\*\* Information may change during the verification process and may not be reflected on this page

## DECLARATION of COVENANTS and RESTRICTIONS

**THIS DECLARATION** is made the 3<sup>rd</sup> day of April 2025, by the COUNTY OF FRANKLIN, an administrative subdivision of the State of New York, having an address of 355 West Main Street, Malone, New York 12953 (the "Owner"); and

**WHEREAS**, the Owner is the fee owner of a parcel of real property located in the Village of Malone, County of Franklin, State of New York, and identified as tax parcel number 98.81-1-3.200, which is same as the property conveyed to Owner from Francis Perry, Franklin County Treasurer, being the tax enforcing officer of Franklin County, as described in the vesting deed dated November 22, 2021, and recorded on November 23, 2021 at the Franklin County Clerk as Instrument Number 2021-6394, and hereinafter referred to as the "Property"; and

**WHEREAS**, pursuant to New York State Department of Environmental Conservation ("Department") Order on Consent and Administrative Settlement Index# C07-20180629-27 (the "Order"), dated July 11, 2018, Niagara Mohawk Power Corporation d/b/a National Grid ("National Grid") is required to perform investigation and remediation activities on a portion of the Property, being more particularly described in Schedule "A" and more specifically located as depicted on Schedule "B", attached to this declaration and made a part hereof, and hereinafter referred to as the "DCR Area"; and

**WHEREAS**, the Property is an off-site parcel to the Malone (Amsden St.) former Manufactured Gas Plant ("MGP") Site, referred to as Site No. 517014; and

**WHEREAS**, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the MGP-related impacts remaining at the Property and it has been agreed to by National Grid and the Owner that a portion of the Property, being the DCR Area, be subject to restrictive covenants; and

**WHEREAS**, the DCR Area shall be subject to a Department-approved Interim Site Management Plan and/or a subsequent Site Management Plan (collectively, "SMP"), prepared by National Grid and consented to by Owner.

**NOW, THEREFORE**, Owner, for itself and its successors and/or assigns, covenants that:

First, the DCR Area subject to this Declaration is identified as a portion of tax parcel number 98.81-1-3.200, and is located in the Village of Malone, County of Franklin, State of New York.

Second, unless prior written approval by the Department, or if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "Relevant Agency," is first obtained, where MGP-related impacts remaining at the Property is subject to the provisions of the SMP, there shall be no construction on the DCR Area that results in the disturbance or excavation

of the DCR Area, which threatens the integrity of the engineering controls, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP.

Third, the Owner of the Property shall not disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls, which are described in the SMP, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP and a written waiver of such prohibition from the Department or Relevant Agency.

Fourth, the Owner of the Property shall prohibit the DCR Area from ever being used for purposes other than for restricted residential, commercial or industrial use, pursuant to the SMP, without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the use of groundwater underlying the Property is prohibited without necessary water quality treatment as determined by the New York State Department of Health or Franklin County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department or Relevant Agency.

Sixth, the Owner of the Property shall permit National Grid and its successors to access the DCR Area and the Property to perform investigation and remediation activities as required by the Department and pursuant to the Order and the SMP, potentially including but not limited to: (i) soil borings, test pits and sampling of soil and groundwater for preliminary design investigation work associated with the alternatives analysis and remedial action, (ii) future remedial activities approved by the Department that shall be further memorialized by remedial access agreements between National Grid and the Owner and (iii) post-remedial activities, the installation of monitoring wells and sampling pursuant to the SMP and periodic certification, prepared and submitted by a professional engineer or environmental professional, which will certify that the engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired.

Seventh, the Owner of the Property shall continue in full force and affect any institutional and engineering controls required for the remedy and maintain such controls, pursuant to the SMP, unless the Owner first obtains permission to discontinue such controls from the Department or Relevant Agency in compliance with the approved SMP, which is incorporated and made enforceable hereto, subject to modifications as approved by the Department or Relevant Agency.

Eighth, this Declaration of Covenants and Restrictions is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the Owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions that the Order requires to be recorded, and hereby covenant not to contest the authority of the Department or Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the Property, or any portion thereof containing the DCR Area, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

Tenth, to the extent there is any conflict or inconsistency between the terms of this Declaration of Covenants and Restrictions and the SMP, the terms of the SMP will control.

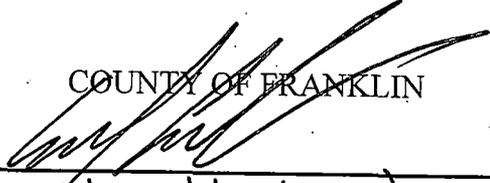
Eleventh, The Owner and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from: Site Control Section, Division of Environmental Remediation, NYSDEC, 625 Broadway, Albany, NY 12233; Phone: (518) 402-9553.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

COUNTY OF FRANKLIN

By:

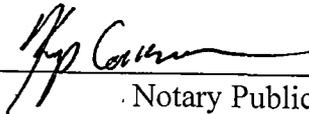
  
Name: Edward Lockwood  
Title: Chairman, Board of Legislature

STATE OF NEW YORK )

)ss:

COUNTY OF FRANKLIN )

On the 3<sup>rd</sup> day of April in the year 2025, before me, the undersigned, personally appeared Edward Lockwood, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signatures(s) on the instrument, the individual(s), or the person on behalf of which the individual(s) acted, executed the instrument.

  
Notary Public

KIP CASSAWAW  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN FRANKLIN COUNTY  
REGISTRATION NO. 04CA6221288  
COMMISSION EXPIRES MAY 3, 2026

## Schedule A

### Legal Description of the Property

#### Part of Tax Parcel 98.81-1-3.200 Lands of County of Franklin

All that tract or parcel of land situate northeasterly of Amsden Street, northerly of Coffee Street and southwesterly of Salmon River in the Village of Malone, County of Franklin and State of New York, bounded and described as follows

Beginning at a point at the southwesterly shoreline of the Salmon River at the ordinary high water line and at the easterly corner of Tax Parcel 98.81-1-3.200 now or formerly County of Franklin (Instr. 2021-6394), and proceeding on a NYS Grid bearing,

thence South 45 degrees 53 minutes 19 seconds West along the common boundary of County of Franklin Tax Parcel 98.81-1-3 200 and Tax Parcel 98 81-1-4 a distance of 33.70 feet to a point, this course passes through an iron rod set 17 feet more or less from the river shoreline;

thence through Tax Parcel 98.81-1-3 200 now or formerly Franklin County, 33 feet more or less distant from the southwesterly shoreline of the Salmon River, the following three courses:

- 1) North 55 degrees 48 minutes 53 seconds West a distance of 11.13 feet to a point;
- 2) North 41 degrees 34 minutes 59 seconds West a distance of 25.14 feet to a point,
- 3) North 46 degrees 38 minutes 41 seconds West a distance of 102.77 feet to a point in the boundary of Tax Parcel 98 81-1-3.200 now or formerly Franklin County,

thence North 44 degrees 34 minutes 28 seconds West along a common boundary of County of Franklin Tax Parcel 98 81-1-3.200 and Tax Parcel 98.81-1-1 a distance of 16.73 feet to an iron rod found,

thence North 45 degrees 53 minutes 19 seconds East along the common boundary of County of Franklin Tax Parcel 98.81-1-3.200 and Tax Parcel 98.81-1-1 a distance of 28.40 feet to a point at the southwesterly shoreline of the Salmon River, this course passes through an iron rod found 8 feet more or less from the river shoreline,

thence generally southeasterly along the southwesterly shoreline of the Salmon River as it winds and turns the following four courses:

- 1) South 67 degrees 52 minutes 16 seconds East a distance of 9.69 feet to a point,
- 2) South 46 degrees 54 minutes 21 seconds East a distance of 110.78 feet to a point;
- 3) South 41 degrees 34 minutes 59 seconds East a distance of 22 35 feet to a point;
- 4) South 55 degrees 48 minutes 53 seconds East a distance of 13 84 feet to the point of beginning of this description

Containing 0 12 Acres of land more or less, as surveyed in July 2023 by Ronald E. Towne, L.S. 050331 of WCT Surveyors, P.C. Bearings are referenced to NYS Grid North.

Being a portion of Tax Parcel 98 81-1-3.200 conveyed to the County of Franklin by deed dated November 22, 2021 and recorded in the Franklin County Clerk's Office as Instrument Number 2021-6394

**Schedule B**

DCR Area





FRANKLIN COUNTY – STATE OF NEW YORK  
 KIP CASSAWAW, COUNTY CLERK  
 P.O. BOX 70, 355 W. MAIN ST, STE 248, MALONE, NEW YORK 12953

COUNTY CLERK'S RECORDING PAGE  
 \*\*\*THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH\*\*\*



INSTRUMENT #: 2025-4462  
 Receipt#: 2025324983  
 Clerk: CW  
 Rec Date: 04/15/2025 03:35:32 PM  
 Doc Grp: RP  
 Descrip: COVENANT  
 Num Pgs: 8  
 Rec'd Frm: FRANKLIN COUNTY  
 Party1: FRANKLIN COUNTY  
 Party2: FRANKLIN COUNTY  
 Town: MALONE

Recording:  
 Cover Page 0.00  
 Recording Fee 0.00  
 Cultural Ed 0.00  
 Records Management - Coun 0.00  
 Records Management - Stat 0.00  
 Sub Total: 0.00  
 Transfer Tax  
 Transfer Tax 0.00  
 Sub Total: 0.00  
 Total: 0.00  
 \*\*\*\* NOTICE: THIS IS NOT A BILL \*\*\*\*  
 \*\*\*\*\* Transfer Tax \*\*\*\*\*  
 Transfer Tax #: 1425  
 Exempt  
 Total: 0.00

I hereby certify that the within and foregoing was recorded in the Franklin County Clerk's Office.

County Clerk

Record and Return To:

FRANKLIN COUNTY

\*\*Notice\*\* Information may change during the verification process and may not be reflected on this page

## DECLARATION of COVENANTS and RESTRICTIONS

**THIS DECLARATION** is made the 3<sup>rd</sup> day of April 2025, by the COUNTY OF FRANKLIN, an administrative subdivision of the State of New York, having an address of 355 West Main Street, Malone, New York 12953 (the "Owner"); and

**WHEREAS**, the Owner is the fee owner of a parcel of real property located in the Village of Malone, County of Franklin, State of New York, and identified as tax parcel number 98.81-1-4, which is same as the property conveyed to Owner from Francis Perry, Franklin County Treasurer, being the tax enforcing officer of Franklin County, as described in the vesting deed dated November 22, 2021, and recorded on November 23, 2021 at the Franklin County Clerk as Instrument Number 2021-6394, and hereinafter referred to as the "Property"; and

**WHEREAS**, pursuant to New York State Department of Environmental Conservation ("Department") Order on Consent and Administrative Settlement Index# C07-20180629-27 (the "Order"), dated July 11, 2018, Niagara Mohawk Power Corporation d/b/a National Grid ("National Grid") is required to perform investigation and remediation activities on a portion of the Property, being more particularly described in Schedule "A" and more specifically located as depicted on Schedule "B", attached to this declaration and made a part hereof, and hereinafter referred to as the "DCR Area"; and

**WHEREAS**, the Property is an off-site parcel to the Malone (Amsden St.) former Manufactured Gas Plant ("MGP") Site, referred to as Site No. 517014; and

**WHEREAS**, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the MGP-related impacts remaining at the Property and it has been agreed to by National Grid and the Owner that a portion of the Property, being the DCR Area, be subject to restrictive covenants; and

**WHEREAS**, the DCR Area shall be subject to a Department-approved Interim Site Management Plan and/or a subsequent Site Management Plan (collectively, "SMP"), prepared by National Grid and consented to by Owner.

**NOW, THEREFORE**, Owner, for itself and its successors and/or assigns, covenants that:

First, the DCR Area subject to this Declaration is identified as a portion of tax parcel number 98.81-1-4, and is located in the Village of Malone, County of Franklin, State of New York.

Second, unless prior written approval by the Department, or if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "Relevant Agency," is first obtained, where MGP-related impacts remaining at the Property is subject to the provisions of the SMP, there shall be no construction on the DCR Area that results in the disturbance or excavation

of the DCR Area, which threatens the integrity of the engineering controls, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP.

Third, the Owner of the Property shall not disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls, which are described in the SMP, without first obtaining written concurrence and/or assistance from National Grid as required by the SMP and a written waiver of such prohibition from the Department or Relevant Agency.

Fourth, the Owner of the Property shall prohibit the DCR Area from ever being used for purposes other than for restricted residential, commercial or industrial use, pursuant to the SMP, without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the use of groundwater underlying the Property is prohibited without necessary water quality treatment as determined by the New York State Department of Health or Franklin County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department or Relevant Agency.

Sixth, the Owner of the Property shall permit National Grid and its successors to access the DCR Area and the Property to perform investigation and remediation activities as required by the Department and pursuant to the Order and the SMP, potentially including but not limited to: (i) soil borings, test pits and sampling of soil and groundwater for preliminary design investigation work associated with the alternatives analysis and remedial action, (ii) future remedial activities approved by the Department that shall be further memorialized by remedial access agreements between National Grid and the Owner and (iii) post-remedial activities, the installation of monitoring wells and sampling pursuant to the SMP and periodic certification, prepared and submitted by a professional engineer or environmental professional, which will certify that the engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired.

Seventh, the Owner of the Property shall continue in full force and affect any institutional and engineering controls required for the remedy and maintain such controls, pursuant to the SMP, unless the Owner first obtains permission to discontinue such controls from the Department or Relevant Agency in compliance with the approved SMP, which is incorporated and made enforceable hereto, subject to modifications as approved by the Department or Relevant Agency.

Eighth, this Declaration of Covenants and Restrictions is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the Owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions that the Order requires to be recorded, and hereby covenant not to contest the authority of the Department or Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the Property, or any portion thereof containing the DCR Area, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

Tenth, to the extent there is any conflict or inconsistency between the terms of this Declaration of Covenants and Restrictions and the SMP, the terms of the SMP will control.

Eleventh, The Owner and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from: Site Control Section, Division of Environmental Remediation, NYSDEC, 625 Broadway, Albany, NY 12233; Phone: (518) 402-9553.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

COUNTY OF FRANKLIN

By:

Name: Edward Lockwood

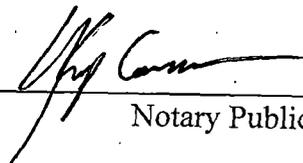
Title: Chairman, Board of Legislature

STATE OF NEW YORK )

)ss:

COUNTY OF FRANKLIN )

On the 3<sup>rd</sup> day of April in the year 2025, before me, the undersigned, personally appeared Edward Lockwood, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signatures(s) on the instrument, the individual(s), or the person on behalf of which the individual(s) acted, executed the instrument.

  
\_\_\_\_\_  
Notary Public

KIP CASSAWAW  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN FRANKLIN COUNTY  
REGISTRATION NO. 04CA6221288  
COMMISSION EXPIRES MAY 3, 2026

Schedule A

Legal Description of the Property

Part of Tax Parcel 98.81-1-4 Lands of County of Franklin

All that tract or parcel of land situate northerly and easterly of Coffee Street and southwesterly of Salmon River in the Village of Malone, County of Franklin and State of New York, bounded and described as follows:

Beginning at a point at the westerly shoreline of the Salmon River at the ordinary high water line and at the southeasterly corner of Tax Parcel 98.81-1-4 now or formerly County of Franklin (Instr. 2021-6394), and proceeding on a NYS Grid bearing;

thence South 66 degrees 52 minutes 50 seconds West along a boundary of Tax Parcel 98.81-1-4 and the northerly bounds of Coffee Street a distance of 62.92 feet to a point, this course passes through an iron rod found 20 feet more or less from the river shoreline;

thence through Tax Parcel 98.81-1-4 now or formerly Franklin County, 50 feet more or less distant from the westerly and southwesterly shoreline of the Salmon River, the following six courses:

- 1) North 14 degrees 15 minutes 39 seconds East a distance of 89.33 feet to a point;
- 2) North 09 degrees 15 minutes 59 seconds East a distance of 92.61 feet to a point;
- 3) North 04 degrees 12 minutes 24 seconds West a distance of 158.11 feet to a point;
- 4) North 28 degrees 06 minutes 27 seconds West a distance of 40.88 feet to a point;
- 5) North 37 degrees 56 minutes 02 seconds West a distance of 21.80 feet to a point;
- 6) North 55 degrees 48 minutes 53 seconds West a distance of 23.18 feet to a point in the common boundary of County of Franklin Tax Parcel 98.81-1-4 and Tax Parcel 98.81-1-3.200;

thence North 45 degrees 53 minutes 19 seconds East along a common boundary of County of Franklin Tax Parcel 98.81-1-4 and Tax Parcel 98.81-1-3.200 a distance of 51.06 feet to a point at the southwesterly shoreline of the Salmon River, this course passes through an iron set 17 feet more or less from the river shoreline;

thence generally southeasterly and southerly along the southwesterly shoreline of the Salmon River as it winds and turns the following six courses:

- 1) South 55 degrees 48 minutes 53 seconds East a distance of 20.68 feet to a point;
- 2) South 37 degrees 56 minutes 02 seconds East a distance of 33.96 feet to a point;
- 3) South 28 degrees 06 minutes 27 seconds East a distance of 54.76 feet to a point;
- 4) South 04 degrees 17 minutes 21 seconds East a distance of 176.15 feet to a point;
- 5) South 09 degrees 15 minutes 59 seconds West a distance of 100.05 feet to a point;
- 6) South 14 degrees 15 minutes 39 seconds West a distance of 53.31 feet to the point of beginning of this description.

Containing 0.50 Acres of land more or less, as surveyed in July 2023 by Ronald E. Towne, L.S. 050331 of WCT Surveyors, P.C. Bearings are referenced to NYS Grid North.

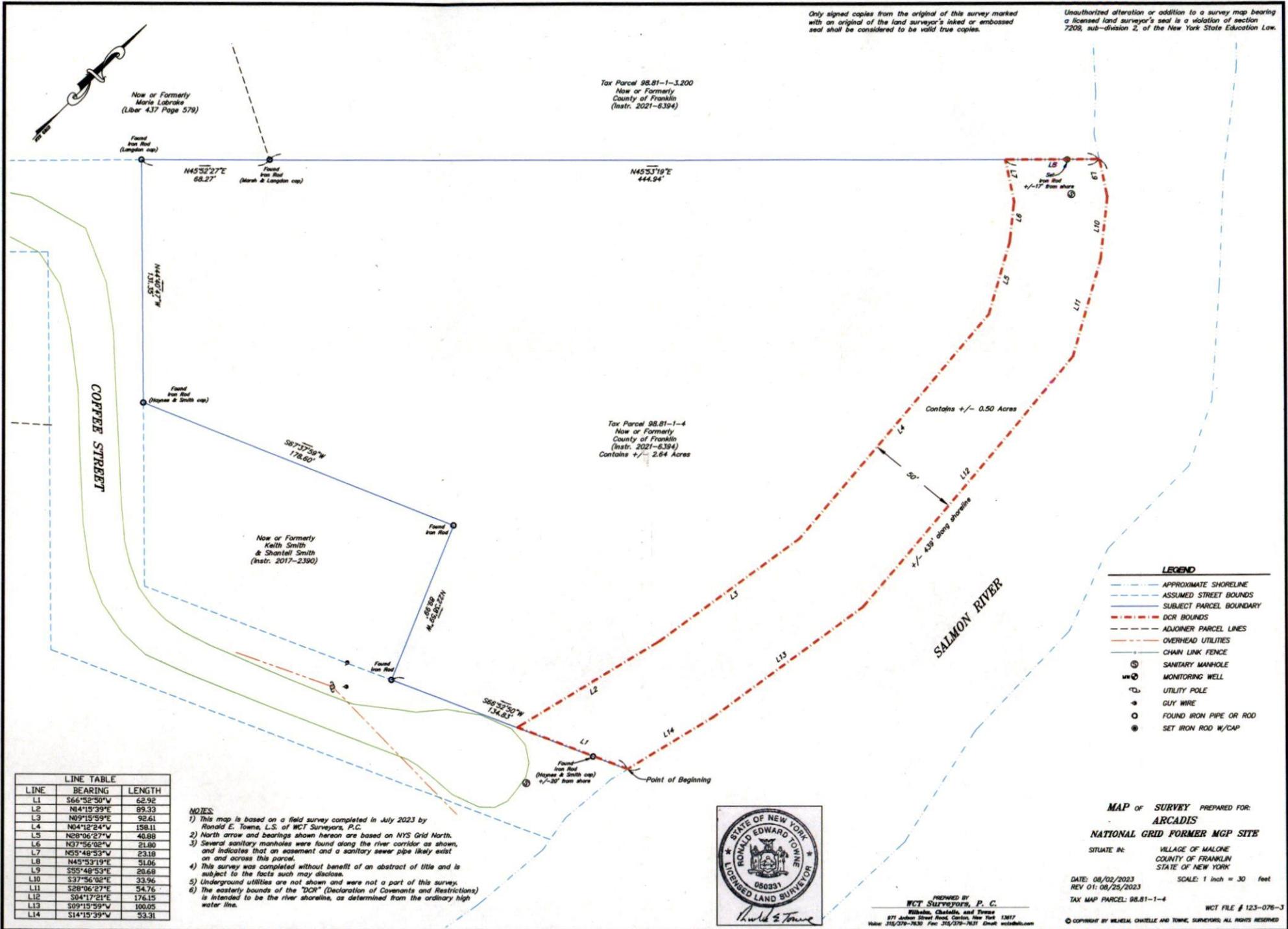
Being a portion of Tax Parcel 98.81-1-4 conveyed to the County of Franklin by deed dated November 22, 2021 and recorded in the Franklin County Clerk's Office as Instrument Number 2021-6394.

**Schedule B**

DCR Area

Only signed copies from the original of this survey marked with an original of the land surveyor's inked or embossed seal shall be considered to be valid true copies.

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7206, sub-division 2, of the New York State Education Law.



# Appendix B

## Excavation Work Plan – Off-Site Property

nationalgrid

# Excavation Work Plan – Off-Site Property

**Malone (Amsden Street)  
Former Manufactured Gas Plant Site  
Malone, County of Franklin, New York  
NYSDEC Site No. 517014**

July 2025

# Excavation Work Plan – Off-Site Property

**Malone (Amsden Street)  
Former Manufactured Gas Plant Site  
Malone, County of Franklin, New York  
NYSDEC Site No. 517014**

July 2025

**Prepared By:**

Arcadis of New York, Inc.  
One Lincoln Center, 110 West Fayette Street, Suite 300  
Syracuse, NY 13202  
United States  
Phone: 315 446 9120  
Fax: 315 449 0017

**Prepared For:**

National Grid  
300 Erie Boulevard West  
Syracuse, New York 13202

**Our Ref:**

30110066

*This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.*

## Version Control

Issue	Revision No.	Date Issued	Page No.	Description	Reviewed By

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## Acronyms and Abbreviations

DCRs	Declaration of Covenants and Restrictions
EWP	Excavation Work Plan
ISMP	Interim Site Management Plan
MGP	manufactured gas plant
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	polycyclic aromatic hydrocarbon
The Property	Tax Parcels 98.81-1-4, 98.81-1-3.200 and 98.81-1-1
SCO	soil cleanup objective
Site	25 Amsden Street, Malone, New York

# 1 Introduction

This Excavation Work Plan (EWP) is a component of the *Interim Site Management Plan* (ISMP, Arcadis of New York, Inc. 2025) for the off-site area associated with and located downstream of the former manufactured gas plant (MGP) site located at 25 Amsden Street in the Village of Malone, County of Franklin, New York (hereinafter, the “Site”). The off-site area is located approximately 300 feet north of the Site, adjacent to the western riverbank of the Salmon River, and is comprised of three contiguous parcels, identified as tax map numbers 98.81-1-4 (approximately 2.7 acres), 98.81-1-3.200 (approximately 0.88 acre), and 98.81-1-1 (approximately 2.55 acres). All three parcels are referred to together from here as the “Property.” The Property is currently owned by the County of Franklin.

This EMP describes the procedures required to be implemented in the event that the ground-intrusive (soil disturbance) activities are conducted within the Declarations of Covenants and Restrictions (DCRs) Area(s) on the Property (as defined in Section 1.1 of the ISMP). The property owner(s) is required to comply with this EWP. National Grid is only responsible for costs associated with MGP-related impacts.

# 2 Notification

At least 15 days prior to the start of any ground-intrusive (soil disturbance) activity on the Property within the DCR Area(s), the property owner or a designated representative shall notify National Grid and assist National Grid with the notification to the New York State Department of Environmental Conservation (NYSDEC), as needed. Table 1 lists the NYSDEC contact information for such notifications.

Table 1. NYSDEC Contact Information for Notifications

Organization	Primary Point-of-Contact	Contact Information
NYSDEC DER Project Manager	Caroline Jalanti	Telephone: (518) 402-9662 E-mail: caroline.jalanti@dec.ny.gov
National Grid Project Manager	Brian Stearns	Telephone: (315) 461-7892 E-mail: brian.stearns@nationalgrid.com

**Notes:**

1. Notifications are subject to change. Contact information in this table will be updated, as necessary.
2. A full listing of Site-related contact information is provided in Appendix C of the ISMP.

All subsurface intrusive activities within the DCR Areas must be approved by NYSDEC. These activities may include, but are not limited to, re-grading, excavations, installing or repairing utilities (including sewer and water), foundation work, installing fence posts, bollards, guide rail posts, etc. Notification must be made to NYSDEC in accordance with Section 1.3 of the ISMP.

The NYSDEC notification will include the following:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for re-grading, intrusive elements or utilities to be installed, and estimated volumes of soil to be excavated.
- Whether the proposed activities will require dewatering.
- A schedule for the work, detailing the start and completion of all ground-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 Title 29, Section 1910.120 of the Code of Federal Regulations.
- Copies of the contractor's task-specific Health and Safety Plan and Community Air Monitoring Plan in electronic format.
- Identification of disposal facilities for potential waste streams.
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

### 3 Soil Screening Methods

Visual, olfactory, and instrument-based (i.e., via photoionization detector) soil screening will be performed by a qualified environmental professional during all ground-intrusive activities conducted within a DCR Area(s). Soil screening will be performed when ground-intrusive work is conducted and will include all excavation and other ground-intrusive work performed during any future development, such as excavations for utility work.

Soil will be segregated based on screening results into material that requires either (1) off-site disposal or (2) sampling/testing to determine if the material can be reused within the DCR Area. Stockpiles of potentially-reusable material will be sampled and tested as described in Section 8 of this EWP to evaluate whether it can be used as fill material within the DCR Area or requires disposal off-site.

### 4 Soil Stockpiling Methods

Stockpiles of excavated material will, at minimum, be placed on top of polyethylene sheeting. If required by NYSDEC, stockpiles of excavated material will be placed within an engineered staging area. Stockpiles will be covered with polyethylene sheeting to reduce potential infiltration of precipitation, migration of wind-blown dust, and direct contact exposures. Stockpiles will be routinely inspected, and damaged polyethylene sheeting will be promptly replaced. During all soil disturbance activities, erosion and sediment controls will be employed in accordance with this EWP and in conformance with applicable laws and regulations (good work practices that require erosion and sediment controls are not limited to potentially impacted areas). Proven soil conservation practices will be incorporated into any such plans to mitigate soil erosion, off-site sediment migration, and water pollution from erosion. Appropriate temporary erosion and sediment control measures (e.g., silt fencing, hay bales, etc.) will be installed and maintained around all impacted and potentially-impacted soil/fill stockpiles and bare soil surfaces during such activities. Such stockpiles will be graded and compacted as necessary for positive surface water run-off and dust control.

Stockpiles will be inspected not less than once each week and after every storm event. Inspection results will be recorded in a logbook, which will be maintained at the Site and made available for inspection by NYSDEC.

### 5 Materials Excavation and Load-Out

A qualified environmental professional or person under their supervision will oversee all ground-intrusive work conducted within the DCR Areas and the excavation and load-out of all excavated material from the DCR Areas. To the extent that they perform work under this EWP, the property owner(s) and their contractors are responsible for safe execution of all ground-intrusive work and other work performed under this EWP.

The presence of utilities and easements on the Property will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this EWP is posed by utilities or easements on the Property.

To the extent practicable, queuing of trucks will be performed to minimize off-site disturbance. Loaded vehicles leaving the Property will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with applicable federal, state, and local laws and regulations.

When necessary, a truck wash will be operated at the Property. The qualified environmental professional will be responsible for ensuring that all outbound trucks are washed (as necessary and appropriate) at the truck wash before leaving the site until the activities performed under this EWP are complete. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Locations where vehicles enter or exit the Property will be inspected daily for evidence of off-site soil tracking. The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the Property are free of dirt and other materials derived during ground-intrusive activities. Cleaning of the adjacent streets will be performed as needed to keep them clean with respect to DCR Area-derived materials.

## 6 Materials Transport Off-Site

All transportation of materials excavated from the DCR Areas will be performed by licensed haulers in accordance with appropriate federal, state, and local laws and regulations, including Title 6, Part 364 of the New York Codes, Rules, and Regulations (6 NYCRR 364). Haulers will be appropriately licensed, and trucks will be properly placarded.

Material transported by trucks exiting the Property will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers are prohibited. If loads contain wet material capable of producing free liquid, truck liners will also be used. As necessary, all trucks will be washed prior to leaving the Property. As described in Section 5 of this EWP, truck wash waters will be collected and disposed of off-site in an appropriate manner. Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials derived from ground-intrusive activities.

All trucks loaded with DCR Area-related materials will exit the vicinity of the Property using only an approved truck route. The most appropriate route will take into account: (1) limiting transport through residential areas and past sensitive sites, (2) use of city-mapped truck routes, (3) limiting total distance to major highways, (4) promoting safety in access to highways, and (5) overall safety in transport. As identified above, egress points for truck and equipment transport from the site will be kept clean of dirt and other materials derived from ground-intrusive activities. Trucks loaded with site-related materials are prohibited from stopping and idling in the neighborhood outside the Property.

## 7 Materials Disposal Off-Site

All material excavated and removed from the DCR Area(s) will be treated as regulated material and, unless determined to be suitable for reuse on-site, will be transported and disposed of in accordance with applicable federal, state, and local laws and regulations, including 6 NYCRR 360. If disposal of excavated material from the DCR Area(s) is proposed for unregulated off-site disposal (i.e., clean soil removed for development purposes), a

formal request with an associated plan will be made in writing to NYSDEC. Unregulated off-site management of materials excavated from the DCR Area(s) will not occur without formal NYSDEC approval.

Off-site treatment/disposal locations for excavated materials will be identified in the pre-excavation notification. This will include estimated quantities and, if appropriate, a breakdown by class of disposal facility (e.g., solid waste landfill). Actual disposal quantities and associated documentation will be reported to NYSDEC in the periodic review report (described in Section 5.3 of the ISMP). This documentation will include waste profiles, laboratory testing results, facility acceptance letters, manifests, bills of lading, and facility receipts.

Soils taken off-site will be handled, at a minimum, as municipal solid waste in accordance with 6 NYCRR 360-1.2. Materials that do not meet the soil cleanup objectives (SCOs) for unrestricted use, as set forth in Table 375-6.8(a) of 6 NYCRR 375, are prohibited from being taken to a New York State recycling facility (6 NYCRR 360-16).

## 8 Materials Reuse On-Site

The NYSDEC's fillable form to Request to Import/Reuse Fill or Soil ([current version](#)) will be completed by the owner and submitted to the NYSDEC project manager by National Grid allowing a minimum of 5 business days for review. This section provides details for methods to be followed for materials reuse on-site. 'Reuse on-site' applies to material that originates within a DCR Area, which does not leave the Property during the excavation and is replaced into the excavation during backfilling. MGP-related impacted material (if any) exposed and removed as part of the work within a DCR Area(s) shall be disposed off-site as detailed in this EWP.

Excavated material will be considered "potentially reusable" if such material is free of visible non-aqueous phase liquid. Potentially-reusable material will be placed on polyethylene sheeting in stockpiles not exceeding 250 cubic yards. Stockpiles will be covered with polyethylene sheeting whenever material is not being actively placed into or removed from the stockpile, during overnight/weekend hours, during periods of precipitation, or whenever dust action levels are exceeded. This material shall be covered using polyethylene sheeting to reduce potential infiltration of precipitation, migration of wind-blown dust, and direct contact exposures.

Each stockpile of potentially-reusable material will be sampled and tested to evaluate its suitability for reuse as fill within the DCR Area. Stockpiled material shall be sampled and analyzed by an Environmental Laboratory Approval Program (ELAP)-certified laboratory to evaluate whether the material can be reused or must be transported for off-site disposal. One grab sample and one composite sample shall be collected for each 250 CY stockpile or fraction thereof. The grab sample will be analyzed for target compound list (TCL) VOCs using U.S. Environmental Protection Agency (EPA) Method 8260. Each composite sample will be formed using individual grab samples collected from five spatially distributed locations within the stockpile. The composite sample will be formed by placing equal portions of soil from each grab sample into a pre-cleaned, stainless steel bowl or dedicated container. The grab samples will be thoroughly homogenized using a stainless-steel scoop or trowel before being transferred into the sample containers provided by the laboratory. The filled sample containers will be labeled and transported to the laboratory using a chain-of-custody form.

Each composite sample will be analyzed for the following analyses:

- TCL SVOCs using USEPA Method 8270;
- PCBs using USEPA Method 8082;
- TCL Herbicides and Pesticides using USEPA Method 8141;

- Total cyanide using USEPA Method 9012; and
- Target analyte list (TAL) metals using USEPA Methods 6010 and 7471.

In order to be reused as fill material within a DCR Area, potentially-reusable material must: (1) be free of visible non-aqueous phase liquid, and (2) meet the lower of the restricted use SCOs for protection of public health (restricted-residential use) or protection of groundwater, as set forth in Table 375-6.8(b) of 6 NYCRR 375. Potentially-reusable material that does not meet the reuse criteria will be removed from the site and disposed of in accordance with Section 7 of this EWP. Organic matter (e.g., wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the DCR Area(s) will not be reused as backfill or landscaping material at the Property.

The qualified environmental professional will ensure that the procedures for material reuse described in this section of the EWP are followed, and that unacceptable material does not remain at the Property.

## 9 Fluids Management

All liquids to be removed from the DCR Areas (e.g., excavation dewatering) will be handled, transported, and disposed of in accordance with applicable federal, state, and local laws and regulations. Discharge of water generated during large-scale construction activities to surface waters (i.e., river), if feasible, will be performed under a State Pollution Discharge Elimination System permit issued by NYSDEC. Run-off from surface discharges (if any) will be controlled. No discharges will be allowed to enter a surface water body or sewer without proper permits or approvals. Generated water will not be recharged back to the land surface or subsurface of the Property, but will be managed off-site, unless prior approval is obtained from NYSDEC.

## 10 Ground Cover Restoration

After the completion of excavation and any other ground-intrusive activities, the ground cover will be restored as specified in the notification to NYSDEC (Section 2). A figure showing the modified surface will be included in the subsequent periodic review report and in any updates to the ISMP.

## 11 Fill Materials from Off-Site Sources

All off-Site fill materials proposed for use within the DCR Areas will be approved by the qualified environmental professional and will comply with 6 NYCRR 375-6.7(d) and the lower of the restricted use SCOs for protection of public health (restricted-residential use) or protection of groundwater, as set forth in Table 375-6.8(b) of 6 NYCRR 375. To determine their suitability for use at the Property, off-Site fill materials will be sampled and tested in accordance with Table 5.4(e)10 of NYSDEC's *Technical Guidance for Site Investigation and Remediation* (NYSDEC 2010). The NYSDEC's fillable form to Request to Import/Reuse Fill or Soil ([current version](#)) will be completed and submitted to the NYSDEC project manager, allowing a minimum of five business days for review.

Material from industrial sites, spill sites, other environmental remediation sites, or potentially-contaminated sites will not be used as fill material within the DCR Areas. Materials that meet "exempt" fill requirements under 6 NYCRR 360, but do not comply with the applicable SCOs, will not be used as fill material at the Site without prior approval by NYSDEC. Solid waste will not be used as fill material at Site.

Trucks entering the Property with off-site fill material will be securely covered with tight-fitting covers. Off-site fill material will be stockpiled separately from excavated material and will be covered to prevent dust releases.

## 12 Storm Water Pollution Prevention

General storm water pollution prevention activities to be conducted in support of excavation activities within the DCR Areas include the following:

- Silt fencing or hay bale dikes will be installed around the entire perimeter of the construction area.
- Accumulated sediments will be removed as required to keep the silt fencing and hay bale dikes functional.
- All undercutting or erosion of the silt fence toe anchor will 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 identified in the ISMP must be inspected to ensure that they are operating correctly.
- Where discharge locations or points are accessible, they must be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Temporary erosion and sediment controls will be inspected not less than once per week and after each storm event. Inspection results will be recorded in a logbook, which will be maintained during the field work and made available for inspection by NYSDEC.

## 13 Contingency Plan

If underground tanks or other previously unidentified sources of environmental impacts are found during 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 as necessary to determine the nature of the material and proper disposal method. Chemical testing will be performed for a full list of analytes (target analyte list metals, target compound list volatile organic compounds, target compound list semi-volatile organic compounds, target compound list pesticides, and polychlorinated biphenyls), unless 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 NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during ground-intrusive work will be promptly communicated by phone to the NYSDEC project manager (identified in Table 1 of this EWP). 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 prepared pursuant to Section 5.3 of the ISMP.

## 14 Community Air Monitoring Plan

Community air monitoring for total volatile organic compounds and respirable dust (particulate matter less than 10 micrometers in diameter) will be performed in accordance with the New York State Department of Health (NYSDOH) *Generic Community Air Monitoring Plan* (GCAMP, NYSDOH 2009, Appendix E of the ISMP) for soil

disturbance activities conducted within the DCR Areas. The quantity and locations of community air monitoring stations will be determined in conjunction with NYSDOH, based on the size and location of the proposed excavation, however, at a minimum there will be one upwind and one downwind monitoring location. Community air monitoring results will be included in the subsequent periodic review report. Exceedances of the action levels identified in the GCAMP will be reported to the NYSDEC and NYSDOH project managers.

## 15 Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors on- and off-site. Specific odor control methods to be used on a routine basis are described below and in the GCAMP (Appendix E of the ISMP). If nuisance odors are identified at the downwind work area 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. The NYSDEC and NYSDOH project managers 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 property owner's qualified environmental professional, and any measures that are implemented will be described in the subsequent periodic review report.

All necessary means will be employed to prevent on- and off-site odor nuisances. At a minimum, these measures will include: (1) limiting the area of open excavations and size of soil stockpiles, (2) shrouding open excavations with tarps and other covers, and (3) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (a) direct load-out of soils to trucks for off-site disposal, (b) use of chemical odorants in spray or misting systems, and (c) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during ground-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.

## 16 Dust Control Plan

Dust monitoring will be performed in accordance with the GCAMP (Appendix F of the ISMP). A dust suppression plan that addresses dust management during ground-intrusive work will include, at a minimum, the following:

- Dust suppression will be achieved through the use of a dedicated on-site water truck, which 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.
- Vehicle speeds on temporary access roads and active haul routes will be restricted.
- Excavated material and clean fill material will be hauled in properly covered vehicles.

## Excavation Work Plan – Off-Site Property

- Shallow excavations and stockpiles of clean fill material will be covered with polyethylene liners (anchored appropriately to resist wind forces) before extended work breaks and at the end of each work day.
- Paved surfaces over which construction vehicles travel will be cleaned on a periodic basis.

## 17 References

- Arcadis of New York, Inc. 2025. *Interim Site Management Plan*. Malone (Amsden Street) Former MGP Site, Site No. 517014, Malone, County of Franklin. December.
- NYSDEC. 2010. *Technical Guidance for Site Investigation and Remediation*. Program Policy DER-10. Division of Environmental Remediation. May.
- NYSDOH. 2009. *Generic Community Air Monitoring Plan*. Center for Environmental Health, Bureau of Environmental Exposure Investigation. December.

# Appendix C

## List of Site Contacts

**Appendix C**  
**List of Site Contacts**  
**Interim Site Management Plan**



**National Grid**  
**Malone (Amsden Street) Former Manufactured Gas Plant Site**  
**Malone, Franklin County, New York**

Organization	Primary Point-of-Contact	Contact Information
<b>Site Owner/Remedial Party</b>		
National Grid	Brian Stearns	300 Erie Boulevard West Syracuse, New York 13202 Telephone: (315) 461-7892 E-mail: brian.stearns@nationalgrid.com
<b>Qualified Environmental Professional</b>		
TBD	TBD	TBD
<b>NYSDEC</b>		
NYSDEC, DER Project Manager	Caroline Jalanti	625 Broadway, 12th Floor Albany, New York 12233-7014 Telephone: (518) 402-9662 E-mail: caroline.jalanti@dec.ny.gov
NYSDEC, DER Remedial Bureau C, Section B, Section Chief	Kerry Maloney	625 Broadway, 12th Floor Albany, New York 12233-7014 Telephone: (518) 402-9629 E-mail: kerry.maloney@dec.ny.gov
NYSDEC, DER Remedial Bureau C Director	Sarah Saucier	625 Broadway, 12th Floor Albany, New York 12233-7014 Telephone: (518) 402-9675 E-mail: sarah.saucier@dec.ny.gov
<b>NYSDOH</b>		
NYSDOH BEEI Project Manager	Stephanie Selmer	Empire State Plaza Corning Tower, Room 1787 Albany, New York 12237 Telephone: (518) 402-7860 E-mail: BEEI@health.ny.gov

# Appendix D

## Project Documents

August 30, 2011

Mr. Scott Deyette  
Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, New York 12233-7014

**Re:** *Malone (Amsden St.) Former MGP Site*  
*Site #: V00469*  
*Results for Off-Site Investigation on Carter Property*

Dear Mr. Deyette:

This letter provides the results of an off-site investigation on property which contains pieces of solidified tar that appear to have originated from National Grid's former manufactured gas plant (MGP) site located in Malone, New York. The property (hereafter referred to as "Carter property") is located approximately 300 feet north of the site (just north of the east end of Coffee Street) and is owned by Mr. Tim Carter. The activities to be completed during the investigation were detailed in the May 4, 2011 letter work plan entitled *Off-Site Investigation of Carter Property*. This work plan was approved by the New York State Department of Environmental Conservation (NYSDEC), as documented in the May 17, 2011 letter from the NYSDEC to National Grid. A discussion of the completed field activities, observations made during the field activities, and conclusions of the investigation is provided below.

### **Field Activities**

The investigation was conducted on August 3, 2011 in general accordance with the NYSDEC-approved *Generic Site Characterization/IRM Work Plan for Site Investigations at Non-Owned Former MGP Sites* and supporting appendices (Field Sampling Plan [FSP] Quality Assurance Project Plan [QAPP]), dated November 2002. In addition, air monitoring was conducted in accordance with the NYSDOH's most recent version of the Community Air Monitoring Plan (CAMP). The objective of the investigation was to assess the distribution of tar pieces on the Carter property proximal to the Salmon River. The investigation consisted of excavating nine test pits in the vicinity of the previously observed tar using a rubber-tired backhoe. The locations of the test pits were agreed to in the field with the on-site NYSDEC representative prior to starting the work. The locations of the test pits are shown on Figure 1 with identifying labels as CTP-1 through CTP-6, and CTP-2A through CTP-2C. Test pits CTP-2A, CTP-2B, and CTP-2C were excavated outward from CTP-2 to define the limits of tar observed in CTP-2. Test pits were approximately 9 to 15 feet long and were excavated to approximately one foot below the water table, which was encountered between approximately 4 and 6.5 feet below grade.

Soils recovered from the test pits were visually characterized (i.e., for staining, presence of tar, soil type, etc.) and screened with a photoionization detector (PID) to assess the presence of volatile organic vapors. As discussed further below, National Grid and the NYSDEC concurred in the field that soil sampling for laboratory analysis was not required. Observations and measurements made at each test pit were recorded in field notes and each test pit was photo-documented. Copies of the test pit logs are provided in Attachment A and relevant photographs of materials encountered in the test pits are provided in Attachment B.

Each test pit was backfilled using material excavated from that test pit. The material was returned to the test pit in the approximately order from which it was removed. The day after the test pits were completed (on August 4, 2011), a New York State-licensed surveyor located and determined the grade elevation of completed test pits using a global positioning system (GPS).

### **Field Observations**

Fill materials were encountered at the surface of every test pit and the thickness of the fill ranged between approximately 3.5 to 7 feet. The composition of the fill was relatively consistent between test pits, and was comprised of fine to coarse sand and gravel with cobbles, boulders, and a varying degree of anthropogenic materials (e.g., glass, metal, wood, cloth, paper, plastic, brick). A finer-grained deposit of fine to medium sand with decayed wood was observed below the fill in six of the test pits (CTP-2, CTP-2A, CTP-2B, CTP-2C, CTP-3, and CTP-4). This deposit was observed at the approximate river level, and it is assumed that the deposit was emplaced by the river.

Potential MGP-related impacts were observed in five of the test pits, as follows:

**CTP-1** – Two softball size pieces of highly weathered (solidified) tar embedded in soil were observed at approximately 2 feet below grade at the eastern end of test pit CTP-1. A PID reading of 0.0 parts per million (ppm) was measured on the tar pieces. No odor was observed in this test pit.

**CTP-2, CTP-2A, and CTP-2B** – An approximately 6-inch layer of taffy-like tar was observed at approximately 4.5 to 5 feet below grade in the western end of test pit CTP-2. The same layer of tar was observed in the southern end of CTP-2A and the northeast corner of test pit CTP-2B. The extent of the tar was delineated. The layer of tar appears to be roughly 7 to 10 feet in diameter. PID readings on the tar ranged between 2.1 to 3.6 ppm. A faint MGP-like odor emanated from the test pits when this tar was encountered.

**CTP-4** – A trace amount of blue-stained pebbles was observed at the surface of the east end of test pit CTP-4, indicating potential purifier waste. Remnants of a highly rusted metal container (size of a 5-gallon bucket) was observed at approximately 3 feet below grade in CTP-4. The container appeared to contain a highly weathered tar-like material embedded in soil. No odor was observed in this test pit.

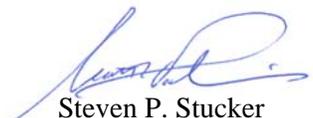
A trace amount of apparent petroleum-related impacts were also observed in test pit CTP-3. Black stained soil with a faint degraded petroleum-like odor was observed in the east end of test pit CTP-3 at approximately 4 feet below grade. The PID reading on the black stained soil was 0.0 ppm. These impacts are un-related to the former MGP.

## Conclusions

The appearance of solidified pieces of tar-like material observed in test pit CTP-1 is very similar to the tar pieces that were previously observed on the adjacent riverbank. As the NYSDEC is aware, a forensic evaluation previously concluded that the tar pieces on the riverbank have an MGP origin. The layer of tar-like material observed in CTP-2, CPT-2A, and CTP-2B appeared different than the tar observed in CTP-1 due to its taffy-like consistency and presence of odor; however, this type of tar is commonly observed at MGP sites. Based on discussions with the NYSDEC while conducting the off-site investigation, National Grid and the NYSDEC agree that the source of the tar in the off-site test pits is likely related to the former MGP operations on Amsden Street. Given this agreement, samples of the tar were not collected for laboratory analysis, and a subsequent forensic evaluation was deemed warranted.

National Grid recognizes that further action is warranted for the Carter property and is currently evaluating the best approach for addressing the off-site impacts. We will consult with the NYSDEC in the near future when an approach has been determined. Please feel free to contact me by phone at 315-428-5652 or by e-mail at Steven.Stucker@us.ngrid.com if you have any questions.

Sincerely,

 , for  
Steven P. Stucker  
Environmental Department

## Attachments

cc: Deanna Ripstein, NYSDOH  
Tim Carter  
Scott Powlin, ARCADIS  
Andrew Corbin, ARCADIS

XREFS: IMAGES: PROJECTNAME: ---  
 36706X02 36706X01.jp2  
 36706XBP e\_05462192\_12\_09600\_4bd\_2008.rvt



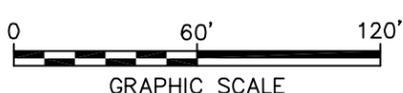
**LEGEND:**

- NATIONAL GRID PROPERTY LINE
- ▭ TEST PIT LOCATION
- PZ-110 □ PIEZOMETER LOCATION
- SG-2 ⊕ STREAM GAUGE LOCATION
- MW-3 ⊕ MONITORING WELL LOCATION
- SB-8 ▲ SOIL BORING LOCATION
- SS-6 ▲ SURFACE SOIL SAMPLE LOCATION

SEEP-1 ⊕ SEEP SAMPLE LOCATION

**NOTE:**

AERIAL PHOTOGRAPHS OBTAINED FROM THE NEW YORK STATE GEOGRAPHIC INFORMATION SYSTEM (NYS GIS) WEBSITE DATED 2008.



NATIONAL GRID  
 MALONE (AMSDEN STREET) FORMER MGP SITE  
**REMEDIAL INVESTIGATION**

**CARTER PROPERTY INVESTIGATION**



FIGURE  
**1**

## **Attachment A**

### **Test Pit Logs**

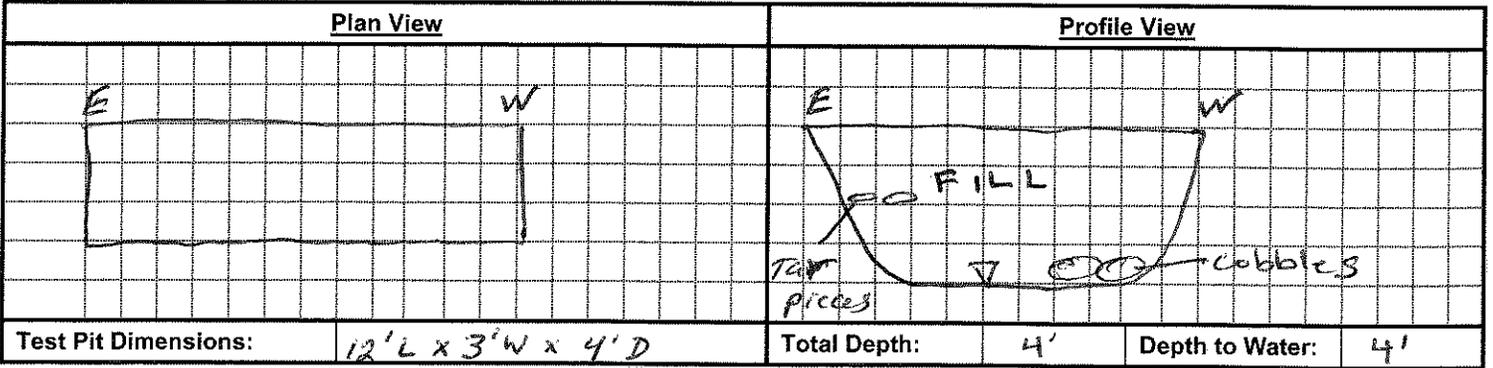


# Test Pit Log

Test Pit ID: CTP-1

Client:	National Grid	Date:	8/3/11
Project:	Carter Property Investigation	Weather:	Sunny
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	~75°F
Project #:	B0036706.0000	Wind:	calm
Geologist:	Scott Pawlin	Subcontractor:	Op-Tech
Coordinates:		Equipment:	Track Hoe

Sketch of Test Pit Layout:



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
0 - 4	0.0	Fill comprised of F-C sand, cobbles, gravel, trace glass, ceramic, brick, roots; trace highly weathered tar - two softball size pieces at 2' bgs at east end of pit.	None.

Notes:

NA = Not Available/Applicable; bgs = below ground surface.

No sheen on water.  
 No odor from pit.  
 PID on tar pieces = 0.0 ppm

Photograph Summary:

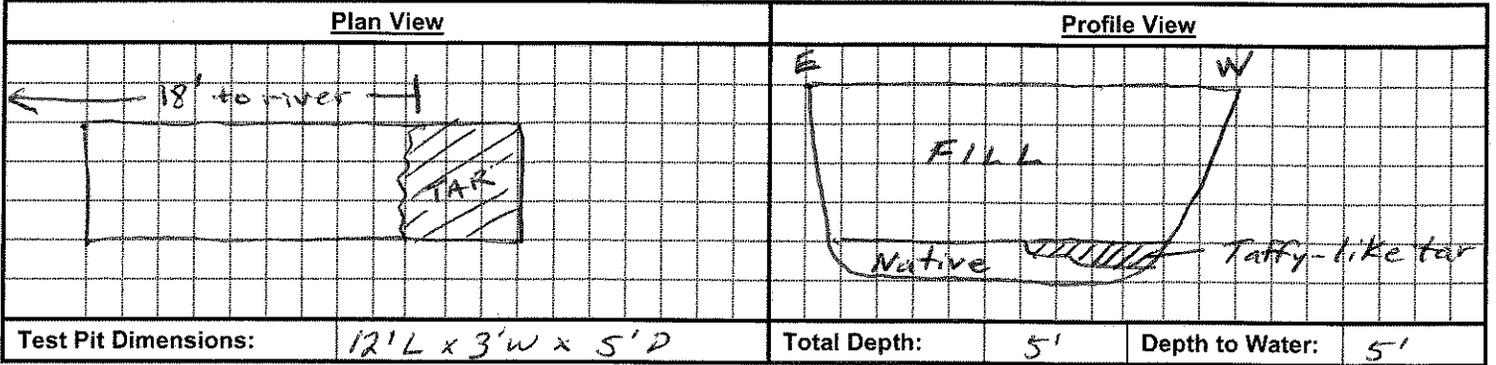



# Test Pit Log

Test Pit ID: *CTP-2*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Partly Cloudy</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~75°F</i>
Project #:	B0036706.0000	Wind:	<i>Calm</i>
Geologist:	<i>Scott Powlin</i>	Subcontractor:	<i>Op-Tech</i>
Coordinates:		Equipment:	<i>Track Hoe</i>

### Sketch of Test Pit Layout:



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-4</i>	<i>0.0</i>	<i>Fill comprised of F-c Sand, gravel, some glass, paper, white ash-like material, trace brick, metal, roots.</i>	<i>None</i>
<i>4-5</i>	<i>0.0</i>	<i>Brown F-m sand, silt, decayed wood. Taffy-like tar observed in bottom 6-inches; tar is 6 inches thick.</i>	

### Notes:

NA = Not Available/Applicable; bgs = below ground surface.

*PID on tar: 3.3 ppm  
No sheen on water.  
MGP like odor from p.f.*

### Photograph Summary:

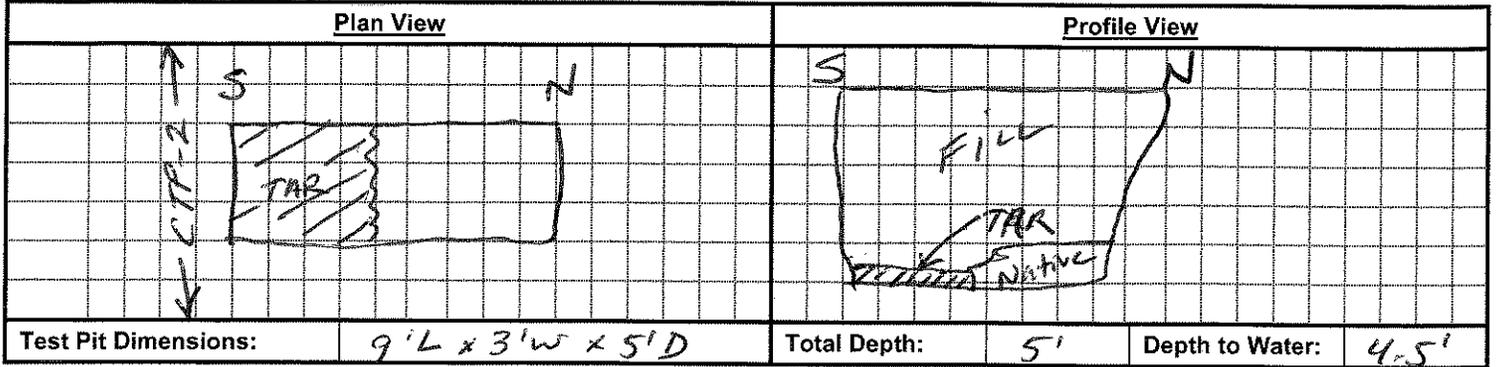



# Test Pit Log

Test Pit ID: *CTP-2A*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Overcast</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~80°F</i>
Project #:	B0036706.0000	Wind:	<i>Slight breeze</i>
Geologist:	<i>Scott Pawlin</i>	Subcontractor:	Op-Tech
Coordinates:		Equipment:	<i>Track Hoe</i>

**Sketch of Test Pit Layout:**



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-4</i>	<i>0-0</i>	<i>F-C sand, gravel, cobbles, some glass, trace ash-like material, cinders</i>	
<i>4-5</i>	<i>0-0</i>	<i>F-m sand + silt, organics - Taffy-like tar on top of native material - 10-inches thick</i>	

**Notes:**

NA = Not Available/Applicable; bgs = below ground surface.  
 Test pit starts at mid point of CTP-2 and extends to the north.  
 No shock.  
 Faint mGP-like odor from pit.

**Photograph Summary:**


PID on tar = 2-1 ppm  
 CTP-2A - purpose is to delineate tar observed in CTP-2.

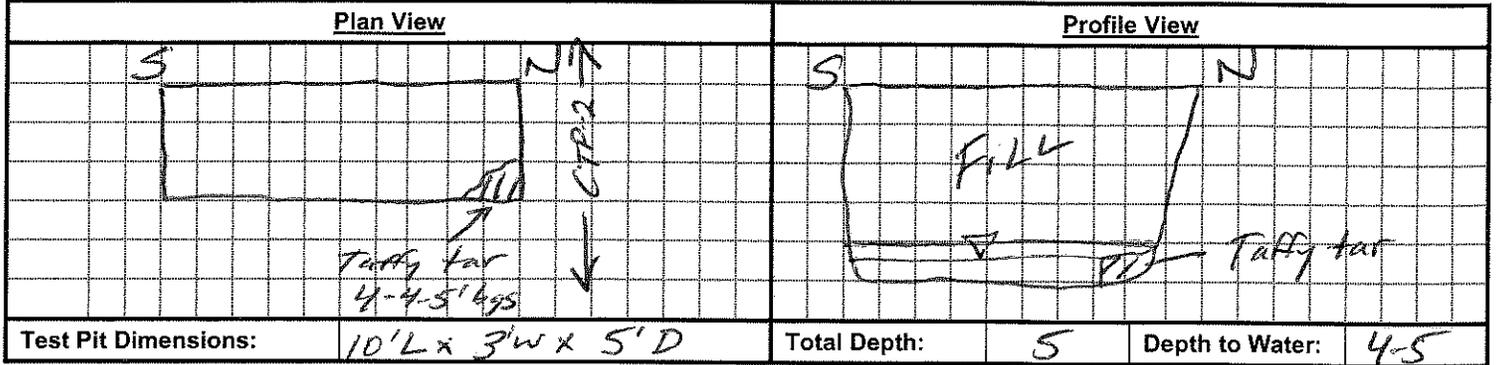


# Test Pit Log

Test Pit ID: *CTP-2B*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Overcast</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~ 80°F</i>
Project #:	B0036706.0000	Wind:	<i>Slight Breeze</i>
Geologist:	<i>Scott Poulin</i>	Subcontractor:	<i>Op-Tech</i>
Coordinates:		Equipment:	<i>Track Hoe</i>

**Sketch of Test Pit Layout:**



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-4</i>	<i>0.0</i>	<i>F-C Sand, cobbles, boulders, metal, trace cinders glass</i>	<i>None</i>
<i>4-5</i>	<i>0.0</i>	<i>F-C Sand - orange - brown (Native)</i>	

**Notes:**

NA = Not Available/Applicable; bgs = below ground surface.

*CTP-2B starts at midpoint of CTP-2 and extends to south. Tuffy tar observed 4-5-5' bgs at NE corner of Pit. No sheen; NO odor.*

*PID on tar: 3.6 ppm*

**Photograph Summary:**

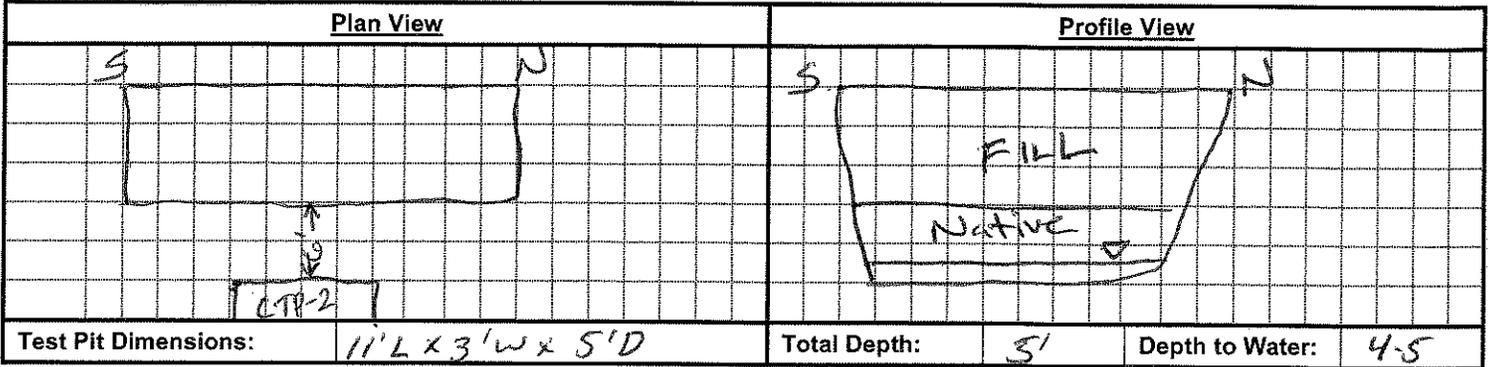



# Test Pit Log

Test Pit ID: *CTP-2C*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Overcast</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~80°F</i>
Project #:	B0036706.0000	Wind:	<i>Slight breeze</i>
Geologist:	<i>Scott Powlis</i>	Subcontractor:	Op-Tech
Coordinates:		Equipment:	<i>Track Hoe</i>

### Sketch of Test Pit Layout:



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-3</i>	<i>0-0</i>	<i>Fill composed of F-L sand, cobbles, boulders; some metal, glass</i>	
<i>3-5</i>	<i>0-0</i>	<i>F-M sand, some organics</i>	

### Notes:

NA = Not Available/Applicable; bgs = below ground surface.

*CTP-2C located 6' west and perpendicular to CTP-2*

*No sheen.*

*No odor.*

### Photograph Summary:

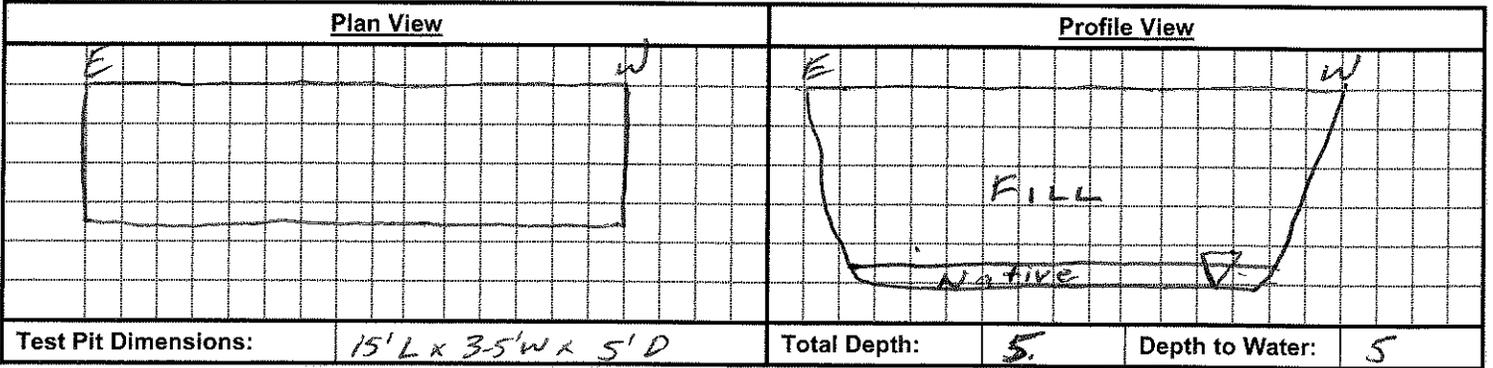



# Test Pit Log

Test Pit ID: *CTP-3*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Sunny</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>75°F</i>
Project #:	B0036706.0000	Wind:	<i>Calm</i>
Geologist:	<i>Scott Powlin</i>	Subcontractor:	<i>Op-Tech</i>
Coordinates:	<i>1</i>	Equipment:	<i>Track Hoe</i>

**Sketch of Test Pit Layout:**



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-4.5</i>	<i>0-0</i>	<i>Fill composed of F-C Sand, gravel, cobbles; trace metal, glass, cinders, roots; Faint degraded petroleum-like odor at east end of pit at 4' bgs, soil was stained black.</i>	<i>None</i>
<i>4.5-5</i>	<i>0-0</i>	<i>F.M Sand and silt, organics</i>	

**Notes:**

NA = Not Available/Applicable; bgs = below ground surface.

- Other than faint weathered petroleum-like odor, no other odors.
- No sheen on water

**Photograph Summary:**

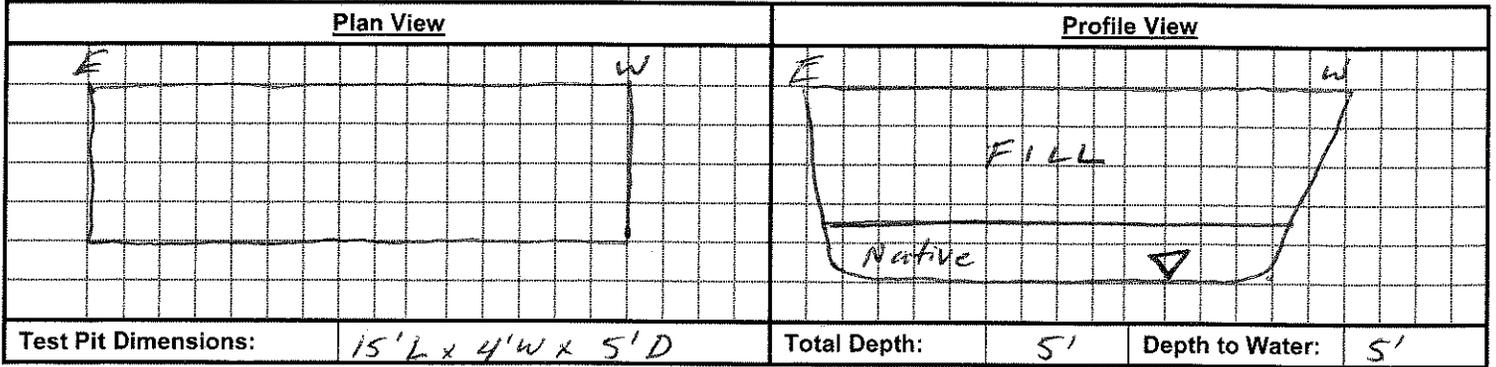



# Test Pit Log

Test Pit ID: *CTP-4*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Partly Cloudy</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~75°F</i>
Project #:	B0036706.0000	Wind:	<i>Calm</i>
Geologist:	<i>Scott Powell</i>	Subcontractor:	<i>Op-Tech</i>
Coordinates:		Equipment:	<i>Track Hoe</i>

## Sketch of Test Pit Layout:



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-3.5</i>	<i>0.0</i>	<i>Fill composed of F-C Sand, gravel, cobbles, some metal; trace cinders, roots</i>	<i>None</i>
<i>3.5-5</i>	<i>0.0</i>	<i>Orange-brown F-C Sand, large tree stumps</i>	

### Notes:

NA = Not Available/Applicable; bgs = below ground surface.

*Trace blue-stain stones observed on surface of east end of pit - looks like purifier waste.  
No shrapnel.  
No odors.*

### Photograph Summary:


*Rusted metal container (about 5 gallon in size) encountered at approximately 3 feet below grade. Container appeared to contain highly weathered/degrade tar and soil.*

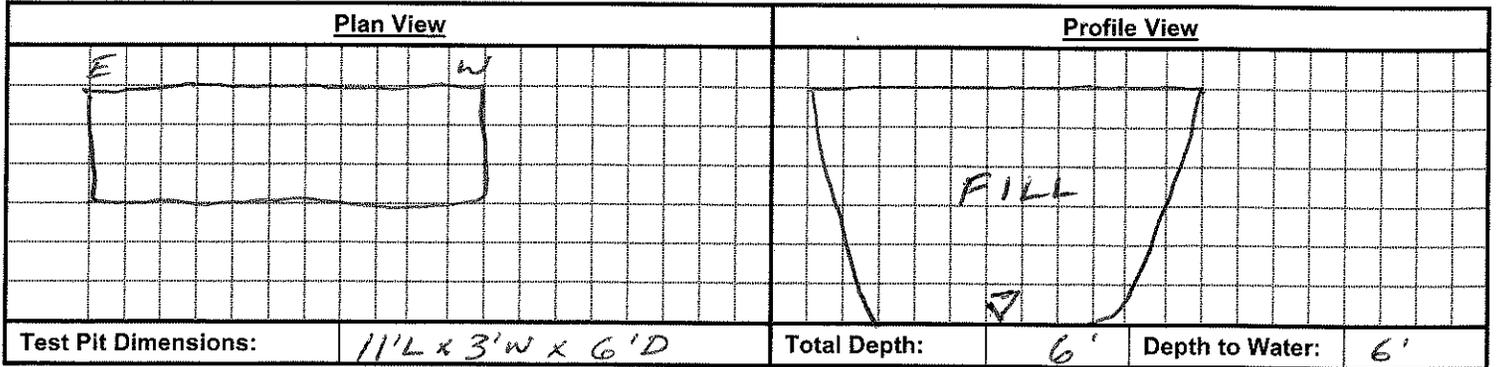


# Test Pit Log

Test Pit ID: *CTP-5*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Sunny</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~ 75°F</i>
Project #:	B0036706.0000	Wind:	<i>Breezy</i>
Geologist:	<i>Scott Pugh</i>	Subcontractor:	<i>Op-Tech</i>
Coordinates:		Equipment:	<i>Track Hoe</i>

### Sketch of Test Pit Layout:



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-6</i>	<i>0.0</i>	<i>Fill composed of F-C sand, gravel, cobbles, a lot of metal, glass, wood, large boulders, old metal signs.</i>	<i>None</i>

### Notes:

NA = Not Available/Applicable; bgs = below ground surface.

*No odor.  
No sheen.*

### Photograph Summary:

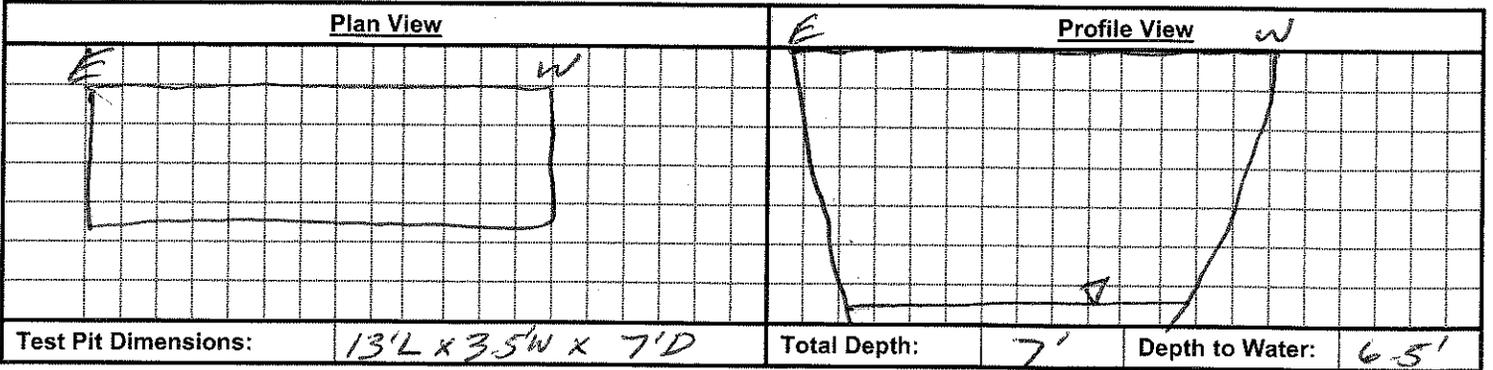



# Test Pit Log

Test Pit ID: *CTP-6*

Client:	National Grid	Date:	<i>8/3/11</i>
Project:	Carter Property Investigation	Weather:	<i>Sunny</i>
Location:	Malone Former MGP Site Coffee Street - Off-Site Malone, New York	Temperature:	<i>~75°F</i>
Project #:	B0036706.0000	Wind:	<i>Calm</i>
Geologist:	<i>Scott Powell</i>	Subcontractor:	Op-Tech
Coordinates:		Equipment:	<i>Track Hoe</i>

**Sketch of Test Pit Layout:**



Depth Interval (feet)	PID Screening Result (ppm)	Description of Soil/Material	Samples Collected
<i>0-7</i>	<i>0.0</i>	<i>Fill composed of F-C sand, gravel, cobbles, boulders. Some bottles, metal, white ash-like material, trace cinders, plastic, cloth, brick.</i>	<i>NONE</i>

**Notes:**

NA = Not Available/Applicable; bgs = below ground surface.

*No sheen.  
No odors.*

**Photograph Summary:**


**Attachment B**  
**Photographic Log**

**Photographic Log  
Carter Property Investigation – August 3, 2011  
Malone (Amsden Street) Former MGP Site**



Test Pit CTP-1



Softball size piece of highly weathered tar from CTP-1

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Test Pit CTP-2



Taffy-like tar from CTP-2

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Test Pit CTP-2A



Large piece of taffy-like tar from CTP-2A

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Test Pit CTP-2B



Test Pit CTP-2C

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Test Pit CTP-3



Fill Materials from CTP-4

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Highly weathered tar-like material in container from CTP-4



Fill Materials from CTP-5

**Photographic Log (Cont.)**  
**Carter Property Investigation – August 3, 2011**  
**Malone (Amsden Street) Former MGP Site**



Test Pit CTP-6

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C

625 Broadway, 11th Floor, Albany, NY 12233-7014

P: (518) 402-9662 | F: (518) 402-9679

[www.dec.ny.gov](http://www.dec.ny.gov)

June 6, 2016

Julia Ispentchian, P. E.  
Project Manager  
National Grid  
300 Erie Blvd. West  
Syracuse, NY 13202

Re: Malone (Amsden St.) Former MGP Site  
Site #V00469  
Malone, Franklin County  
Interim Remedial Measure (IRM) Construction Completion Report  
Tax Parcel 98.81-1-4

Dear Ms. Ispentchian:

The New York State Department of Environmental Conservation (Department), in consultation with the New York State Department of Health (NYSDOH), has reviewed the IRM Construction Completion Report, Tax Parcel 98.81-1-4, dated December 7, 2015. Based on that review the report is hereby approved.

Please forward a final electronic copy to both the Department and NYSDOH. Feel free to contact me with any questions or comments at (518) 402-9662, or via e-mail at [scott.deyette@dec.ny.gov](mailto:scott.deyette@dec.ny.gov).

Sincerely,



R. Scott Deyette  
Chief, Inspection Unit  
Remedial Bureau C  
Division of Environmental Remediation

Ec: S. Selmer, NYSDOH  
C. Bethoney, NYSDOH

Mr. Scott Deyette  
Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, New York 12233-7014

Arcadis of New York, Inc.  
6723 Towpath Road  
PO Box 66  
Syracuse  
New York 13214-0066  
Tel 315 446 9120  
Fax 315 449 0017  
[www.arcadis.com](http://www.arcadis.com)

Subject:  
Interim Remedial Measure Construction Completion Report  
Malone (Amsden Street) Former MGP Site  
City of Malone, Franklin County  
Site Number: V00469  
Tax Parcel 98.81-1-4

ENVIRONMENT

Date:  
August 10, 2016

Dear Mr. Deyette:

This Interim Remedial Measure (IRM) Construction Completion Report (IRM CCR) documents the remedial action activities conducted on September 16 and 17, 2014 to address manufactured gas plant (MGP) related wastes encountered on Tax Parcel 98.81-1-4, located approximately 300 feet north of National Grid's Malone (Amsden Street) former manufactured gas plant site (the Site). The remedial action activities were conducted in substantial conformance with the November 2013 IRM Work Plan prepared by Arcadis and approved by the New York State Department of Environmental Conservation (NYSDEC) in a November 15, 2013 letter to National Grid. NYSDEC was present during the IRM. Arcadis (hereafter identified as the Engineer) has prepared this IRM CCR on behalf of National Grid (or as identified in this document or other project-documents as Niagara Mohawk d/b/a National Grid [National Grid]).

Contact:  
Terry Young, P.E.

Phone:  
315 671 9478

Email:  
[Terry.Young2@arcadis.com](mailto:Terry.Young2@arcadis.com)

Our ref:  
B0036706.0000

A draft version of this IRM CCR was submitted to the New York State Department of Environmental Conservation (NYSDEC) on December 7, 2015. The draft was approved by NYSDEC and a final electronic copy requested in NYSDEC's letter to National Grid dated June 6, 2016 (copy attached). This is the final IRM CCR.

The presence of MGP-related wastes on Tax Parcel 98.81-1-4 is associated with the Site, located at 25 Amsden Street in Malone, Franklin County, New York. The Site is being addressed by National Grid, in accordance with a Voluntary Cleanup Order (VCO; No. D0-0001-0011, dated January 25, 2002) between National Grid and the NYSDEC for the investigation and, where necessary, remediation of existing contamination associated with former MGP operations at 24 former MGP sites located throughout New York State. The Malone (Amsden Street) site is one of those sites. The former MGP site was owned and operated by a predecessor company of Niagara Mohawk and National Grid. The Site has

Mr. Scott Deyette  
August 10, 2016

been the subject of site characterization and remedial investigation activities pursuant to the VCO in order to determine the extent of environmental impacts associated with the former MGP operations. The results of the characterization and investigation activities indicated the presence of MGP-related wastes on Tax Parcel 98.81-1-4 that are "covered contamination" under the VCO between National Grid and the NYSDEC. Figure 1 shows this tax parcel and the locations investigated by National Grid on that parcel in accordance with the VCO.

As summarized in the IRM Work Plan and detailed in National Grid's August 30, 2013 letter to the NYSDEC (copy provided in the IRM Work Plan) that was approved by the NYSDEC on September 12, 2013, the observed distribution of MGP wastes on Tax Parcel 98.81-1-4 was not widespread. The IRM addressed the following MGP wastes:

- Test pit CTP-1 (Figure 1) where two softball sized pieces of hardened tar were observed in August 2011;
- Test pit CTP-2 (Figure 1) where an approximate 6-inch layer of taffy-like tar was observed in August 2011, at approximately 4.5 to 5 feet below grade; and
- Scattered small pieces of hardened tar along the riverbank that were manually removed in July 2013 and placed in a New York State Department of Transportation (NYSDOT)-approved 55 gallon drum, and stored on the Malone (Amsden Street) former MGP site for treatment/disposal in conjunction with the IRM.

As detailed herein, the September 2014 IRM for Tax Parcel 98.81-1-4 was completed in substantial conformance with the NYSDEC-approved IRM Work Plan. The following sections include a task-by-task summary of the IRM:

- Work Task 1 – Pre-construction Activities;
- Work Task 2 – Mobilization;
- Work Task 3 – Excavation/Removal and Materials Handling;
- Work Task 4 – Transportation and Off-site Disposal; and
- Work Task 5 – Restoration/Demobilization.

Each of these tasks is described in the subsections that follow, concluding with the required certification identified in NYSDEC Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation (DER-10).

### **Work Task 1 – Pre-construction Activities**

Prior to IRM mobilization, National Grid's IRM construction contractor, OP-TECH, provided the submittals identified in the IRM Work Plan to the Engineer for review. The Engineer submitted the final Contractor submittals to NYSDEC and they were approved/accepted by NYSDEC, as presented below.

- **Excavation Work Plan** – Approved by NYSDEC in your December 9, 2013 email to National Grid.
- **Contractor's Health and Safety Plan** – NYSDEC reviewed the plan and had no comments (your December 9, 2013 email to National Grid).

- **Backfill Characterization Results** – The fill and top soil used during the IRM met all chemical and physical requirements identified in the IRM Work Plan and were acceptable to NYSDEC (September 11, 2014 email from Arcadis to NYSDEC). The fill and topsoil source was Starks Gravel Company (NYSDEC Permit ID 5-1656-00013/00003). The general fill and topsoil used during the IRM were sampled prior to mobilization by the Engineer in accordance with Subdivision 5.4(e) of DER-10. Chemical constituent analyses were performed by Test America Laboratories, which is accredited by the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP). Chemical testing results for the fill and topsoil were compared to the residential soil cleanup objectives (SCOs) set forth in the Compilation of Codes, Rules and Regulations of the State of New York (NYCRR) 6NYCRR Part 375 and included in Appendix 5 of DER-10. There were no exceedances. The laboratory results for the pH and total organic carbon for the top soil and the particle size distribution for the general fill also met the requirements identified in the IRM Work Plan. These parameters were analyzed by Atlantic Testing Laboratories.

### Work Task 2 – Mobilization

The IRM mobilization activities included (but were not limited to) the following activities completed by either National Grid's IRM construction contractor OP-TECH (hereinafter identified as Contractor) or Thew Associates, the Contractor's New York State licensed land surveyor (Thew):

- Furnished and mobilized all labor, equipment, and materials necessary to implement the IRM as presented in the Work Plan;
- Provided temporary sanitary facilities;
- Provided measures necessary to safely guard all work, the project, products, materials, equipment and property from loss, theft, damage and vandalism until completion of the work;
- Established survey control and limits of work;
- Contacted appropriate utility-locating agencies (e.g., Dig Safely New York) prior to the start of intrusive activities;
- Provided potable water necessary to implement the IRM (e.g., decontamination and dust control);
- Installed (and inspected/maintained) temporary erosion and sedimentation controls; and
- Installed temporary fencing to prevent unauthorized access or unknowing access to those areas associated with the IRM activities and to provide for safe work conditions.

### Work Task 3 – Excavation/Removal and Materials Handling

Consistent with the IRM Work Plan and as shown on the drawing prepared by Thew showing the limits of IRM excavations (Attachment A), test pits CTP-1 and CTP-2 were excavated to depths of approximately 5 feet below ground surface (bgs). The maximum excavation depth was 5.3 feet bgs. As also shown on the Thew drawing in Attachment A, the horizontal IRM excavation limits included those identified in the IRM Work Plan and some limits were expanded during the IRM based on observations of subsurface MGP-

Mr. Scott Deyette  
August 10, 2016

related materials. All excavated materials were disposed off-site as described under Work Task 4, even though MGP impacts were not observed within the entire volume of the IRM excavation limits.

Consistent with observations during the characterization/investigation activities conducted by National Grid prior to IRM implementation, the MGP impacts observed during the IRM excavation activities were hardened pieces of tar and some taffy-like tar. MGP impacts were not observed at the final IRM excavation limits shown on the Thew drawing (Attachment A). Photographs of the IRM are provided in Attachment B.

The excavated material was direct-loaded into trucks in a manner that avoided contamination of vehicle exterior (e.g., plastic sheeting was used; see photographs in Attachment B). The loaded trucks were received by the County of Franklin Solid Waste Management Authority (CFSWMA) for offsite disposal of the materials at their facility in Constable, NY (described further below, under Work Task 4).

Decontamination of reusable equipment (e.g., excavator bucket) that came in contact with MGP-related wastes was conducted by the Contractor as necessary and any equipment taken off the property by the Contractor was subject to a final visual review by National Grid/Engineer and cleaning (if necessary). Decontamination wastes were disposed with the excavated materials (Work Task 4).

Prior to initiating any ground-intrusive or dust generating activities, community air monitoring was initiated by the Engineer and was conducted on a continuous basis during all dust generating or ground intrusive IRM activities. The monitoring met the requirements set forth in the IRM Work Plan, including the NYSDOH's Generic Community Air Monitoring Plan (GCAMP) and the NYSDEC's Fugitive Dust and Particulate Monitoring Procedures. The results of the community air monitoring (upwind and downwind volatile organic and dust monitoring) were recorded and are presented in Attachment C. There were no exceedances of the action levels.

#### **Work Task 4 – Transportation and Offsite Disposal**

The Contractor established a waste profile for disposal of IRM wastes at the CFSWMA facility in Constable, New York, a National Grid-approved disposal facility. All IRM wastes were disposed at this facility, including excavated materials, personnel protective equipment, and the pieces of hardened tar along the riverbank that were manually removed in July 2013 and placed in a NYS DOT-approved 55 gallon drum, and stored on the Malone (Amsden Street) former MGP site for treatment/disposal in conjunction with the IRM.

Analytical data used for developing the waste profile for the IRM were provided in the IRM Work Plan. The CFSWMA facility's December 6, 2013 acceptance letter was transmitted to NYSDEC on that date in an email from Arcadis. A copy of the CFSWMA acceptance letter is provided in Attachment D.

All IRM wastes were transported to the CFSWMA facility by 6 NYCRR Part 364 licensed transporters (OP-TECH Environmental Services, Inc.). All vehicles used to transport the wastes were fully lined with polyethylene sheeting (10-millimeter thickness) and equipped with functioning tailgate locks and non-mesh (solid), waterproof tarpaulins. All covers and rolloff gates were securely closed to prevent leakage or release of wastes during transport.

Copies of bills-of-lading and certificates of disposal are provided in Attachment D.

A total of 69.19 tons of material was disposed at the CFSWMA facility during the IRM.

Mr. Scott Deyette  
August 10, 2016

### Work Task 5 – Restoration/Demobilization

The Contractor backfilled and restored the excavation areas with imported fill material (top soil and general fill) that met the requirements identified in the IRM Work Plan, including the residential use SCOs set forth in 6NYCRR 375. Additional information regarding the backfill was provided above, under Task 1.

In general, excavated areas were backfilled to the original surface of the ground, including placing general fill materials in horizontal lifts and compacting with a minimum of two passes of the compaction equipment. Top soil, fertilizer, and seed were placed (through the means of hydroseeding). Arcadis visually observed the excavation areas in October 2014 to be fairly evenly covered with sparse grass, with no ruts or slumping. Photographs of post-IRM vegetation are provided in Attachment B.

Upon completion of the IRM work activities, all IRM equipment (e.g., excavator, air monitoring equipment), temporary facilities, and materials were demobilized from Tax Parcel 98.81-1-4.

### Certification

As identified in the introduction of this letter and documented herein, the IRM activities were conducted in substantial conformance with the NYSDEC-approved November 2013 IRM Work Plan. Accordingly, the required PE certification identified in NYSDEC DER-10 is provided in Attachment E.

Please do not hesitate to contact me if you have any questions or require additional information.

Sincerely,

Arcadis of New York, Inc.



Terry Young, P.E.  
Vice President

Copies:

Ms. Julia Ispentchian, P.E., National Grid  
Mr. Scott Powlin, Arcadis  
Ms. Cathy Geraci, Arcadis

Enclosures:

### Figure

- 1 Tax Parcel 98.81-1-4 Plan

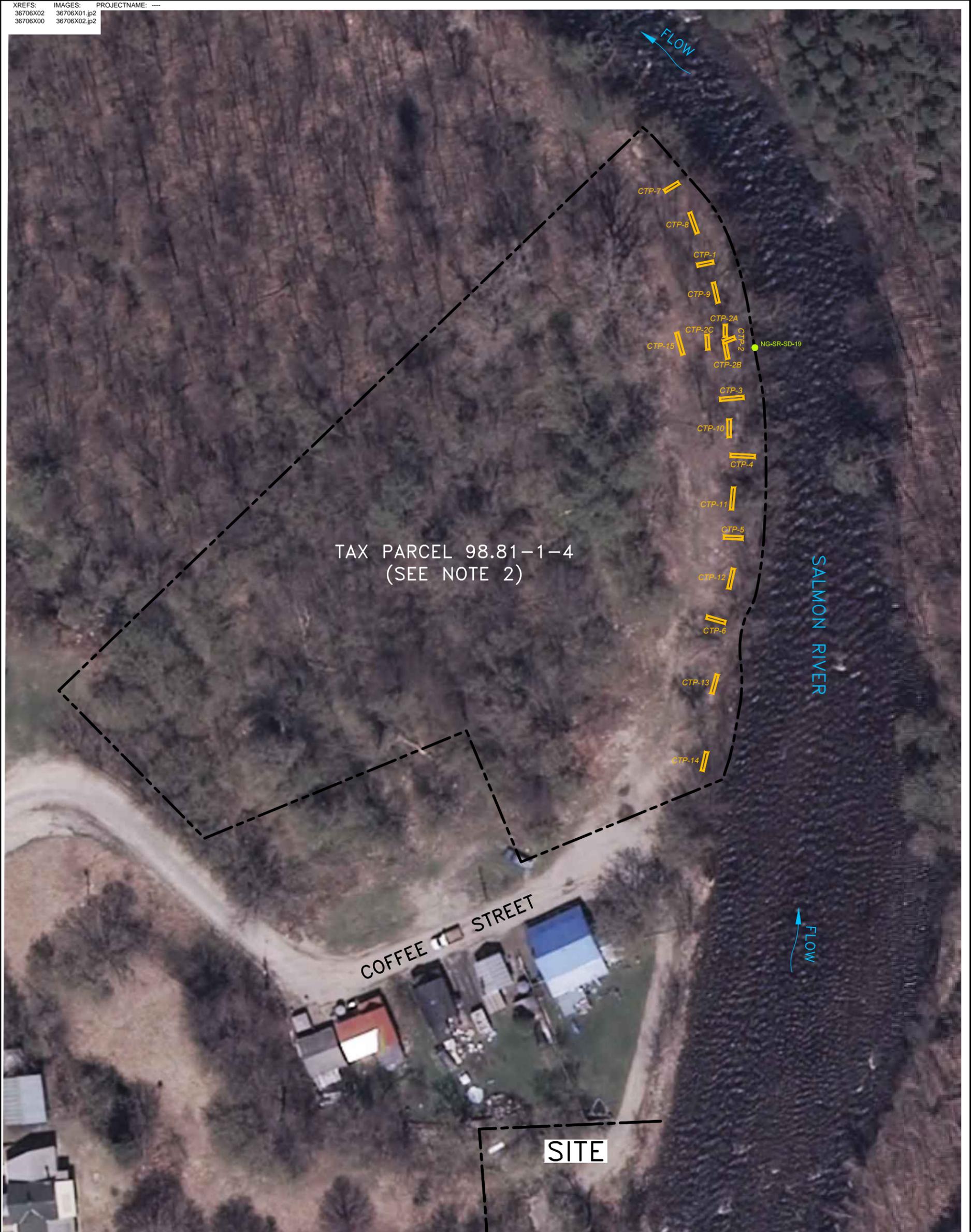
### Attachments

- A Thew Associates, Land Surveyors, Map Showing Limits of Interim Remedial Measure Excavations
- B IRM Photolog
- C CAMP Monitoring Data
- D Disposal Documentation
- E Certification
- F NYSDEC's June 6, 2016 Letter to National Grid

**FIGURE**



XREFS: IMAGES: PROJECTNAME: ---  
 36706X02 36706X01.jp2  
 36706X00 36706X02.jp2

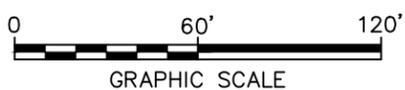


**LEGEND:**

- TAX PARCEL 98.81-1-4  
PROPERTY LINE  
(SEE NOTE 2)
- APPROXIMATE SITE BOUNDARY
- ==== TEST PIT LOCATION
- SEDIMENT SAMPLE LOCATION

**NOTES:**

1. AERIAL PHOTOGRAPH OBTAINED FROM THE NEW YORK STATE GEOGRAPHIC INFORMATION SYSTEM (NYS GIS) WEBSITE DATED 2008.
2. PROPERTY LINES FOR TAX PARCEL 98.81-1-4 BASED ON A SURVEY PERFORMED BY THE ASSOCIATES LAND SURVEYORS, DATED 8/16/13.



NATIONAL GRID • MALONE, NEW YORK  
 MALONE (AMSDEN STREET) FORMER MGP SITE  
**INTERIM REMEDIAL MEASURE CCR**

**TAX PARCEL 98.81-1-4 PLAN**

**ARCADIS** | **FIGURE 1**

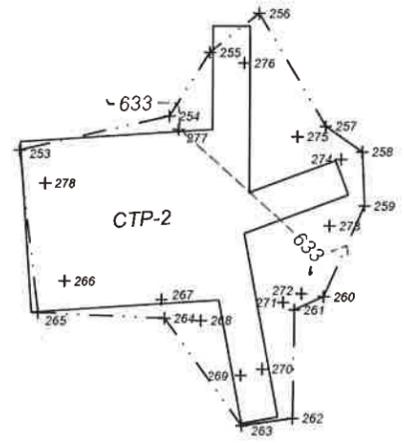
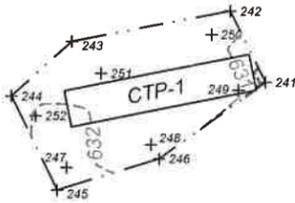
# ATTACHMENT A

**Thew Associates, Land Surveyors, Map Showing Limits of Interim Remedial Measure Excavations**





Point ID	Northing	Easting	Pre-Construction Elevation	Post-Excavation Elevation	Final As-Built Elevation
241	2,193,308.7	545,887.8	631.3	631.3	631.2
242	2,193,312.6	545,885.9	631.5	631.5	631.7
243	2,193,310.9	545,877.3	632.0	631.9	631.9
244	2,193,307.9	545,874.0	632.1	632.1	631.9
245	2,193,302.8	545,876.5	632.0	632.0	632.1
246	2,193,304.5	545,882.1	631.8	631.8	631.9
247	2,193,304.0	545,877.0	631.9	627.8	632.1
248	2,193,305.3	545,881.6	631.8	627.6	631.9
249	2,193,308.3	545,886.4	631.4	627.9	631.6
250	2,193,311.3	545,884.9	631.7	627.3	631.6
251	2,193,309.1	545,878.9	632.1	627.2	632.0
252	2,193,306.8	545,875.3	632.1	628.2	632.0
253	2,193,262.6	545,883.2	633.0	633.0	633.2
254	2,193,264.5	545,891.3	632.9	632.7	633.0
255	2,193,268.0	545,893.5	632.7	632.5	632.8
256	2,193,270.1	545,896.2	632.9	632.9	632.7
257	2,193,264.0	545,899.8	633.2	631.7	632.6
258	2,193,262.6	545,901.8	633.1	632.0	632.7
259	2,193,259.7	545,902.0	632.7	632.3	632.8
260	2,193,254.7	545,899.8	633.2	633.1	633.2
261	2,193,254.0	545,898.2	633.2	632.3	633.3
262	2,193,248.1	545,898.1	633.4	633.4	633.6
263	2,193,247.7	545,895.4	633.4	633.4	633.6
264	2,193,253.5	545,891.1	633.4	633.3	633.4
265	2,193,253.7	545,884.2	633.3	633.3	633.6
266	2,193,255.5	545,885.6	633.3	628.8	633.6
267	2,193,254.5	545,890.9	633.3	628.3	633.3
268	2,193,253.4	545,893.1	633.3	629.1	633.3
269	2,193,250.4	545,895.3	633.3	628.4	633.4
270	2,193,250.8	545,896.4	633.3	628.0	633.5
271	2,193,254.4	545,897.6	633.2	628.3	633.3
272	2,193,254.9	545,898.6	633.2	628.0	633.1
273	2,193,258.6	545,900.1	632.8	627.8	632.9
274	2,193,262.2	545,900.7	633.1	628.4	632.7
275	2,193,263.4	545,898.3	632.8	628.0	632.7
276	2,193,267.4	545,895.4	632.4	627.7	632.7
277	2,193,263.8	545,891.8	632.9	627.8	633.0
278	2,193,260.8	545,884.5	633.1	628.2	633.2



Shoreline as Observed on July 10, 2013

Salmon River

**Legend:**

- Proposed Excavation Limits (see note no. 4)
- Actual Excavation Limits
- Point Identifier



**General Notes:**

1. This survey is referenced horizontally to the North American Datum of 1983, 2011 adjustment (NAD83/2011) and projected on the New York State Coordinate System (East Zone) and vertically to the North American Vertical Datum of 1988 (NAVD88).
2. North arrow as shown indicates Grid North referenced to NAD83 and projected on the New York State Coordinate System (East Zone).
3. The information shown hereon is based on an instrument survey conducted on September 16, and 17, 2014.
4. Proposed excavation limits were identified in the November 2013 New York State Department of Environmental Conservation - approved interim remedial measure work plan prepared by Arcadis, Inc.

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Unauthorized alteration or addition to a survey map bearing a licensed land surveyors seal is a violation of Section 7209, Subdivision 2 of the New York State Education Law.

Only copies from the original of this survey marked with an original of the surveyor's inked seal or his embossed seal shall be considered to be valid and true copies.

Map Showing Limits of Interim Remedial Measure Excavations Existing Tax Parcel No. 98.81-01-04		DRAWN	SCALE	PROJECT No.	DATE
Malone (Amsden Street) Former MGP Site  Site No. V00469  Town of Malone, Franklin County, New York		JLS	1" = 10'	CK3509-12-13	10/27/2014
Town of Malone, Franklin County, New York		CHECKED	<b>Thew Associates</b> <b>LAND SURVEYORS</b> www.ThewAssociates.com		
		JST	P.O. Box 463 6431 US Highway 11 Canton, New York 13617 T: 315/386-2776 F: 315/386-1012		
			9478 River Road Marcy, New York 13403 T: 315/733-7278 F: 315/797-1957		

# ATTACHMENT B

IRM Photolog



<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 1	<b>Date:</b> 9/16/2014		
<b>Description:</b> Excavation mark-out activities.			

<b>Photo No.</b> 2	<b>Date:</b> 9/16/2014		
<b>Description:</b> Excavation mark-out activities.			

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 3	<b>Date:</b> 9/16/2014	
<b>Description:</b> Exclusion Zone set-up.		

<b>Photo No.</b> 4	<b>Date:</b> 9/16/2014	
<b>Description:</b> Exclusion Zone Area.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 5	<b>Date:</b> 9/16/2014		
<b>Description:</b> Beginning CTP-1 excavation.			

<b>Photo No.</b> 6	<b>Date:</b> 9/16/2014		
<b>Description:</b> CTP-1 excavation.			

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 7	<b>Date:</b> 9/16/2014		
<b>Description:</b> CTP-1 excavation area in progress.			

<b>Photo No.</b> 8	<b>Date:</b> 9/16/2014		
<b>Description:</b> CTP-1 excavation area in progress.			

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 9	<b>Date:</b> 9/16/2014	
<b>Description:</b> CTP-1 excavation area.		

<b>Photo No.</b> 10	<b>Date:</b> 9/16/2014	
<b>Description:</b> CTP-1 material being transported off-site.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 11	<b>Date:</b> 9/16/2014	
<b>Description:</b> CTP-1 backfilling activities.		

<b>Photo No.</b> 12	<b>Date:</b> 9/16/2014	
<b>Description:</b> Silt fence set-up.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 13	<b>Date:</b> 9/16/2014	
<b>Description:</b> Silt fence set-up.		

<b>Photo No.</b> 14	<b>Date:</b> 9/17/2014	
<b>Description:</b> Truck prep prior to beginning CTP-2 excavation.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 15	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation area in progress.		

<b>Photo No.</b> 16	<b>Date:</b> 9/17/2014	
<b>Description:</b> Observances in CTP-2 during excavation activities.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 17	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation in progress.		

<b>Photo No.</b> 18	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation in progress.		

<b>Client Name:</b> National Grid	<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 19	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation in progress.		

<b>Photo No.</b> 20	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation area.		

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 21	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation activities occurring while the imported backfill remains to be used.		

<b>Photo No.</b> 22	<b>Date:</b> 9/17/2014	
<b>Description:</b> CTP-2 excavation area.		

**Client Name:**  
National Grid

**Site Location:**  
Pritchard IRM  
Malone, New York

**Project No. / Task No.:**  
B0037606.0000.00013

**Photo No.**  
23

**Date:**  
9/17/2014

**Description:**  
CTP-2 excavation area.



**Photo No.**  
24

**Date:**  
9/17/2014

**Description:**  
CTP-2 excavation area.



<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
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<b>Photo No.</b> 25	<b>Date:</b> 9/17/2014
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**Description:**  
Equipment decon prior to beginning CTP-2 backfilling activities.



<b>Photo No.</b> 26	<b>Date:</b> 9/17/2014
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**Description:**  
Backfilling CTP-2 area.



<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 27	<b>Date:</b> 9/17/2014		
<b>Description:</b> Backfilling CTP-2 area.			

<b>Photo No.</b> 28	<b>Date:</b> 9/17/2014		
<b>Description:</b> Backfilling CTP-2 area.			

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 29	<b>Date:</b> 9/17/2014		
<b>Description:</b> Topsoil placement activities.			

<b>Photo No.</b> 30	<b>Date:</b> 9/17/2014		
<b>Description:</b> Topsoil placement over CTP-2 area.			

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 31	<b>Date:</b> 9/17/2014		
<b>Description:</b> Final survey activities.			

<b>Photo No.</b> 32	<b>Date:</b> 9/17/2014		
<b>Description:</b> Hydroseeding activities.			

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 33	<b>Date:</b> 9/17/2014		
<b>Description:</b> Hydroseeding activities.			

<b>Photo No.</b> 34	<b>Date:</b> 9/17/2014		
<b>Description:</b> Hydroseeding activities.			

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 35	<b>Date:</b> 9/17/2014		
<b>Description:</b> Final rock placement, since some were moved to access the excavation areas.			

<b>Photo No.</b> 36	<b>Date:</b> 9/17/2014		
<b>Description:</b> All parties leaving the Site.			

<b>Client Name:</b> National Grid		<b>Site Location:</b> Pritchard IRM Malone, New York	<b>Project No. / Task No.:</b> B0037606.0000.00013
<b>Photo No.</b> 37	<b>Date:</b> 10/11/2014		
<b>Description:</b> Post-IRM Vegetation			

<b>Photo No.</b> 38	<b>Date:</b> 10/11/2014		
<b>Description:</b> Post-IRM Vegetation			

# ATTACHMENT C

CAMP Monitoring Data



Dust Data

**NATIONAL GRID - MALONE FORMER MGP SITE  
PRITCHARD IRM**

**CAMP MONITORING  
SEPTEMBER 16, 2014**

<b>DUST MONITORING - NORTH STATION</b>	
Instrument Name	DustTrak II
Model Number	8533
Serial Number	8533113401
Firmware Version	3
Calibration Date	4/21/2014
Test Name	MANUAL_001
Test Start Time	11:16:39 AM
Test Start Date	9/16/2014
Test Length [D:H:M]	0:01:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.017
Mass TWA [mg/m3]	0.002
Photometric User Cal	0.88
Flow User Cal	0
Errors	0
Number of Samples	4

<b>Elapsed Time [s]</b>	<b>Mass [mg/m<sup>3</sup>]</b>	<b>Alarms</b>	<b>Errors</b>
900	0.017	-	-
1,800	0.014	-	-
2,700	0.016	-	-
3,600	0.013	-	-

**NATIONAL GRID - MALONE FORMER MGP SITE  
PRITCHARD IRM**

**CAMP MONITORING  
SEPTEMBER 17, 2014**

<b>DUST MONITORING - NORTH STATION</b>	
Instrument Name	DustTrack II
Model Number	8533
Serial Number	8533113401
Firmware Version	3
Calibration Date	4/21/2014
Test Name	MANUAL_002
Test Start Time	8:33:32 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m <sup>3</sup> ]	0.014
Mass Minimum [mg/m <sup>3</sup> ]	0.01
Mass Maximum [mg/m <sup>3</sup> ]	0.023
Mass TWA [mg/m <sup>3</sup> ]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	0
Number of Samples	25

<b>Elapsed Time [s]</b>	<b>Mass [mg/m<sup>3</sup>]</b>	<b>Alarms</b>	<b>Errors</b>
900	0.019	-	-
1,800	0.017	-	-
2,700	0.015	-	-
3,600	0.013	-	-
4,500	0.01	-	-
5,400	0.01	-	-
6,300	0.01	-	-
7,200	0.01	-	-
8,100	0.01	-	-
9,000	0.012	-	-
9,900	0.015	-	-
10,800	0.014	-	-
11,700	0.012	-	-
12,600	0.017	-	-
13,500	0.014	-	-
14,400	0.013	-	-
15,300	0.013	-	-
16,200	0.012	-	-
17,100	0.012	-	-
18,000	0.012	-	-
18,900	0.014	-	-
19,800	0.017	-	-
20,700	0.018	-	-
21,600	0.022	-	-
22,500	0.023	-	-

**NATIONAL GRID - MALONE FORMER MGP SITE  
PRITCHARD IRM**

**CAMP MONITORING  
SEPTEMBER 16, 2014**

<b>DUST MONITORING - SOUTH STATION</b>	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530133109
Firmware Version	3
Calibration Date	8/1/2013
Test Name	MANUAL_001
Test Start Time	11:18:43 AM
Test Start Date	9/16/2014
Test Length [D:H:M]	0:01:00
Test Interval [M:S]	15:00
Mass Average [mg/m <sup>3</sup> ]	0.015
Mass Minimum [mg/m <sup>3</sup> ]	0.013
Mass Maximum [mg/m <sup>3</sup> ]	0.017
Mass TWA [mg/m <sup>3</sup> ]	0.002
Photometric User Cal	0.88
Flow User Cal	0
Errors	0
Number of Samples	4

<b>Elapsed Time [s]</b>	<b>Mass [mg/m<sup>3</sup>]</b>	<b>Alarms</b>	<b>Errors</b>
900	0.017	-	-
1,800	0.014	-	-
2,700	0.016	-	-
3,600	0.013	-	-

**NATIONAL GRID - MALONE FORMER MGP SITE  
PRITCHARD IRM**

**CAMP MONITORING  
SEPTEMBER 17, 2014**

<b>DUST MONITORING - SOUTH STATION</b>	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530133109
Firmware Version	3
Calibration Date	8/1/2013
Test Name	MANUAL_002
Test Start Time	8:31:13 AM
Test Start Date	9/17/2014
Test Length [D:H:M]	0:06:37
Test Interval [M:S]	15:00
Mass Average [mg/m <sup>3</sup> ]	0.015
Mass Minimum [mg/m <sup>3</sup> ]	0
Mass Maximum [mg/m <sup>3</sup> ]	0.033
Mass TWA [mg/m <sup>3</sup> ]	0.012
Photometric User Cal	0.88
Flow User Cal	0
Errors	0
Number of Samples	26

<b>Elapsed Time [s]</b>	<b>Mass [mg/m<sup>3</sup>]</b>	<b>Alarms</b>	<b>Errors</b>
900	0.017	-	-
1,800	0.015	-	-
2,700	0.015	-	-
3,600	0.013	-	-
4,500	0.012	-	-
5,400	0.011	-	-
6,300	0.011	-	-
7,200	0.011	-	-
8,100	0.011	-	-
9,000	0.011	-	-
9,900	0.014	-	-
10,800	0.012	-	-
11,700	0.014	-	-
12,600	0.015	-	-
13,500	0.014	-	-
14,400	0.019	-	-
15,300	0.013	-	-
16,200	0.013	-	-
17,100	0.013	-	-
18,000	0.014	-	-
18,900	0.015	-	-
19,800	0.033	-	-
20,700	0.016	-	-
21,600	0.028	-	-
22,500	0.017	-	-
23,854	0	-	-

VOC Data

=====  
=====Event #1 information (begin)=====

=====  
[Event #1 name: ]--[Event #1]09-16-2014 11:32<-->09-16-2014 12:22  
[Event start time: ]-09-16-2014 11:32:10[Event end time: ]-09-16-2014 12:22:18

=====  
=====Event #1 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-908657  
Data Points: 50 Sample Period: 60 s Datalog Mode: Automatic  
SITE ID: 00000022 USER ID: 00000001 Op Mode: Search Mode

=====  
Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)  
Measurement Gas : Isobutylene  
Calibration Time : 2014-09-12 17:04:002014-09-12 17:04:002014-09-12 17:04:00  
Drift Value : --- --- ---  
Low Alarm Levels : 50000 50000 50000  
High Alarm Levels : 100000 100000 100000  
Span Value : 100000 100000 100000  
Correction Factor : 0.10 0.10 0.10  
Over Alarm Levels : 15000000 15000000 15000000

=====  
=====Event #1 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	9/16/2014 11:33	0	0	0
2	9/16/2014 11:34	0	0	0
3	9/16/2014 11:35	0	0	0
4	9/16/2014 11:36	0	0	0
5	9/16/2014 11:37	0	0	0
6	9/16/2014 11:38	0	0	0
7	9/16/2014 11:39	0	0	0
8	9/16/2014 11:40	0	0	0
9	9/16/2014 11:41	0	0	0
10	9/16/2014 11:42	0	0	0
11	9/16/2014 11:43	0	0	0
12	9/16/2014 11:44	0	0	0
13	9/16/2014 11:45	0	0	0
14	9/16/2014 11:46	0	0	0
15	9/16/2014 11:47	0	0	0
16	9/16/2014 11:48	0	0	0
17	9/16/2014 11:49	0	0	0
18	9/16/2014 11:50	0	0	0
19	9/16/2014 11:51	0	0	0
20	9/16/2014 11:52	0	0	0
21	9/16/2014 11:53	0	0	0
22	9/16/2014 11:54	0	0	0
23	9/16/2014 11:55	0	0	0
24	9/16/2014 11:56	0	0	0
25	9/16/2014 11:57	0	0	0
26	9/16/2014 11:58	0	0	0



=====  
=====Event #1 information (begin)=====

=====  
[Event #1 name: ]--[Event #1]09-17-2014 08:36<-->09-17-2014 15:03  
[Event start time: ]--09-17-2014 08:36:07[Event end time: ]--09-17-2014 15:03:07

=====  
=====Event #1 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-908657  
Data Points: 387 Sample Period: 60 s Datalog Mode: Manual  
SITE ID: 00000041 USER ID: 00000001 Op Mode: Search Mode

=====  
Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)  
Measurement Gas : Isobutylene  
Calibration Time : 2014-09-12 17:04:002014-09-12 17:04:002014-09-12 17:04:00  
Drift Value : --- --- ---  
Low Alarm Levels : 50000 50000 50000  
High Alarm Levels : 100000 100000 100000  
Span Value : 100000 100000 100000  
Correction Factor : 0.10 0.10 0.10  
Over Alarm Levels : 15000000 15000000 15000000

=====  
=====Event #1 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	9/17/2014 8:37	0	0	0
2	9/17/2014 8:38	0	0	0
3	9/17/2014 8:39	0	0	0
4	9/17/2014 8:40	0	0	0
5	9/17/2014 8:41	0	0	0
6	9/17/2014 8:42	0	0	0
7	9/17/2014 8:43	0	0	0
8	9/17/2014 8:44	0	0	0
9	9/17/2014 8:45	0	0	0
10	9/17/2014 8:46	0	0	0
11	9/17/2014 8:47	0	0	0
12	9/17/2014 8:48	0	0	0
13	9/17/2014 8:49	0	0	0
14	9/17/2014 8:50	0	0	0
15	9/17/2014 8:51	0	0	0
16	9/17/2014 8:52	0	0	0
17	9/17/2014 8:53	0	0	0
18	9/17/2014 8:54	0	0	0
19	9/17/2014 8:55	0	0	0
20	9/17/2014 8:56	0	0	0
21	9/17/2014 8:57	0	0	0
22	9/17/2014 8:58	0	0	0
23	9/17/2014 8:59	0	0	0
24	9/17/2014 9:00	0	0	0
25	9/17/2014 9:01	0	0	0
26	9/17/2014 9:02	0	0	0

27	9/17/2014 9:03	0	4	72
28	9/17/2014 9:04	0	3	48
29	9/17/2014 9:05	0	0	0
30	9/17/2014 9:06	0	0	0
31	9/17/2014 9:07	0	0	0
32	9/17/2014 9:08	0	0	0
33	9/17/2014 9:09	0	0	0
34	9/17/2014 9:10	0	0	0
35	9/17/2014 9:11	0	0	0
36	9/17/2014 9:12	0	0	0
37	9/17/2014 9:13	0	0	0
38	9/17/2014 9:14	0	0	0
39	9/17/2014 9:15	0	0	0
40	9/17/2014 9:16	0	0	0
41	9/17/2014 9:17	0	0	0
42	9/17/2014 9:18	0	0	0
43	9/17/2014 9:19	0	0	0
44	9/17/2014 9:20	0	0	0
45	9/17/2014 9:21	0	0	0
46	9/17/2014 9:22	0	0	0
47	9/17/2014 9:23	0	0	0
48	9/17/2014 9:24	0	0	0
49	9/17/2014 9:25	0	0	0
50	9/17/2014 9:26	0	0	0
51	9/17/2014 9:27	0	0	0
52	9/17/2014 9:28	0	0	0
53	9/17/2014 9:29	0	0	0
54	9/17/2014 9:30	0	0	0
55	9/17/2014 9:31	0	0	0
56	9/17/2014 9:32	0	0	0
57	9/17/2014 9:33	0	0	0
58	9/17/2014 9:34	0	0	0
59	9/17/2014 9:35	0	0	0
60	9/17/2014 9:36	0	0	0
61	9/17/2014 9:37	0	0	0
62	9/17/2014 9:38	0	0	0
63	9/17/2014 9:39	0	0	0
64	9/17/2014 9:40	0	0	0
65	9/17/2014 9:41	0	0	0
66	9/17/2014 9:42	0	0	0
67	9/17/2014 9:43	0	0	0
68	9/17/2014 9:44	0	0	0
69	9/17/2014 9:45	0	0	0
70	9/17/2014 9:46	0	0	0
71	9/17/2014 9:47	0	0	0
72	9/17/2014 9:48	0	0	0
73	9/17/2014 9:49	0	0	0

74	9/17/2014 9:50	0	0	0
75	9/17/2014 9:51	0	0	0
76	9/17/2014 9:52	0	0	0
77	9/17/2014 9:53	0	0	0
78	9/17/2014 9:54	0	0	0
79	9/17/2014 9:55	0	0	0
80	9/17/2014 9:56	0	0	0
81	9/17/2014 9:57	0	0	0
82	9/17/2014 9:58	0	0	0
83	9/17/2014 9:59	0	0	0
84	9/17/2014 10:00	0	0	0
85	9/17/2014 10:01	0	0	0
86	9/17/2014 10:02	0	0	0
87	9/17/2014 10:03	0	0	0
88	9/17/2014 10:04	0	0	0
89	9/17/2014 10:05	0	0	0
90	9/17/2014 10:06	0	0	0
91	9/17/2014 10:07	0	0	0
92	9/17/2014 10:08	0	0	0
93	9/17/2014 10:09	0	0	0
94	9/17/2014 10:10	0	0	0
95	9/17/2014 10:11	0	0	0
96	9/17/2014 10:12	0	0	0
97	9/17/2014 10:13	0	0	0
98	9/17/2014 10:14	0	0	0
99	9/17/2014 10:15	0	0	0
100	9/17/2014 10:16	0	0	0
101	9/17/2014 10:17	0	0	0
102	9/17/2014 10:18	0	0	0
103	9/17/2014 10:19	0	0	0
104	9/17/2014 10:20	0	0	0
105	9/17/2014 10:21	0	0	0
106	9/17/2014 10:22	0	0	0
107	9/17/2014 10:23	0	0	0
108	9/17/2014 10:24	0	0	0
109	9/17/2014 10:25	0	0	0
110	9/17/2014 10:26	0	0	0
111	9/17/2014 10:27	0	0	0
112	9/17/2014 10:28	0	0	0
113	9/17/2014 10:29	0	0	0
114	9/17/2014 10:30	0	0	0
115	9/17/2014 10:31	0	0	0
116	9/17/2014 10:32	0	0	0
117	9/17/2014 10:33	0	0	0
118	9/17/2014 10:34	0	0	0
119	9/17/2014 10:35	0	0	0
120	9/17/2014 10:36	0	0	0

121	9/17/2014 10:37	0	0	0
122	9/17/2014 10:38	0	0	0
123	9/17/2014 10:39	0	0	0
124	9/17/2014 10:40	0	0	0
125	9/17/2014 10:41	0	0	0
126	9/17/2014 10:42	0	0	0
127	9/17/2014 10:43	0	0	0
128	9/17/2014 10:44	0	0	0
129	9/17/2014 10:45	0	0	0
130	9/17/2014 10:46	0	0	0
131	9/17/2014 10:47	0	0	0
132	9/17/2014 10:48	0	0	0
133	9/17/2014 10:49	0	0	0
134	9/17/2014 10:50	0	0	0
135	9/17/2014 10:51	0	0	0
136	9/17/2014 10:52	0	0	0
137	9/17/2014 10:53	0	0	0
138	9/17/2014 10:54	0	0	0
139	9/17/2014 10:55	0	0	0
140	9/17/2014 10:56	0	0	0
141	9/17/2014 10:57	0	0	0
142	9/17/2014 10:58	0	0	0
143	9/17/2014 10:59	0	0	0
144	9/17/2014 11:00	0	0	0
145	9/17/2014 11:01	0	0	0
146	9/17/2014 11:02	0	0	0
147	9/17/2014 11:03	0	0	0
148	9/17/2014 11:04	0	0	0
149	9/17/2014 11:05	0	0	0
150	9/17/2014 11:06	0	0	0
151	9/17/2014 11:07	0	0	0
152	9/17/2014 11:08	0	0	0
153	9/17/2014 11:09	0	0	0
154	9/17/2014 11:10	0	0	0
155	9/17/2014 11:11	0	0	0
156	9/17/2014 11:12	0	0	0
157	9/17/2014 11:13	0	0	0
158	9/17/2014 11:14	0	0	0
159	9/17/2014 11:15	0	0	0
160	9/17/2014 11:16	0	0	0
161	9/17/2014 11:17	0	0	0
162	9/17/2014 11:18	0	0	0
163	9/17/2014 11:19	0	0	0
164	9/17/2014 11:20	0	0	0
165	9/17/2014 11:21	0	0	0
166	9/17/2014 11:22	0	0	0
167	9/17/2014 11:23	0	0	0

168	9/17/2014 11:24	0	0	0
169	9/17/2014 11:25	0	0	0
170	9/17/2014 11:26	0	0	0
171	9/17/2014 11:27	0	0	0
172	9/17/2014 11:28	0	0	0
173	9/17/2014 11:29	0	0	0
174	9/17/2014 11:30	0	0	0
175	9/17/2014 11:31	0	0	0
176	9/17/2014 11:32	0	0	0
177	9/17/2014 11:33	0	0	0
178	9/17/2014 11:34	0	0	0
179	9/17/2014 11:35	0	0	0
180	9/17/2014 11:36	0	0	0
181	9/17/2014 11:37	0	0	0
182	9/17/2014 11:38	0	0	0
183	9/17/2014 11:39	0	0	0
184	9/17/2014 11:40	0	0	0
185	9/17/2014 11:41	0	0	0
186	9/17/2014 11:42	0	0	0
187	9/17/2014 11:43	0	0	0
188	9/17/2014 11:44	0	0	0
189	9/17/2014 11:45	0	0	0
190	9/17/2014 11:46	0	0	0
191	9/17/2014 11:47	0	0	0
192	9/17/2014 11:48	0	0	0
193	9/17/2014 11:49	0	0	0
194	9/17/2014 11:50	0	0	0
195	9/17/2014 11:51	0	0	0
196	9/17/2014 11:52	0	0	0
197	9/17/2014 11:53	0	0	0
198	9/17/2014 11:54	0	0	0
199	9/17/2014 11:55	0	0	0
200	9/17/2014 11:56	0	0	0
201	9/17/2014 11:57	0	0	0
202	9/17/2014 11:58	0	0	0
203	9/17/2014 11:59	0	0	0
204	9/17/2014 12:00	0	0	0
205	9/17/2014 12:01	0	0	0
206	9/17/2014 12:02	0	0	0
207	9/17/2014 12:03	0	0	0
208	9/17/2014 12:04	0	0	0
209	9/17/2014 12:05	0	0	0
210	9/17/2014 12:06	0	0	0
211	9/17/2014 12:07	0	0	0
212	9/17/2014 12:08	0	0	0
213	9/17/2014 12:09	0	0	0
214	9/17/2014 12:10	0	0	0

215	9/17/2014 12:11	0	0	0
216	9/17/2014 12:12	0	0	0
217	9/17/2014 12:13	0	0	0
218	9/17/2014 12:14	0	0	0
219	9/17/2014 12:15	0	0	0
220	9/17/2014 12:16	0	0	0
221	9/17/2014 12:17	0	0	0
222	9/17/2014 12:18	0	0	0
223	9/17/2014 12:19	0	0	0
224	9/17/2014 12:20	0	0	0
225	9/17/2014 12:21	0	0	0
226	9/17/2014 12:22	0	0	0
227	9/17/2014 12:23	0	0	0
228	9/17/2014 12:24	0	0	0
229	9/17/2014 12:25	0	0	0
230	9/17/2014 12:26	0	0	0
231	9/17/2014 12:27	0	0	0
232	9/17/2014 12:28	0	0	0
233	9/17/2014 12:29	0	0	0
234	9/17/2014 12:30	0	0	0
235	9/17/2014 12:31	0	0	0
236	9/17/2014 12:32	0	0	0
237	9/17/2014 12:33	0	0	0
238	9/17/2014 12:34	0	0	0
239	9/17/2014 12:35	0	0	0
240	9/17/2014 12:36	0	0	0
241	9/17/2014 12:37	0	0	0
242	9/17/2014 12:38	0	0	0
243	9/17/2014 12:39	0	0	0
244	9/17/2014 12:40	0	0	0
245	9/17/2014 12:41	0	0	0
246	9/17/2014 12:42	0	0	0
247	9/17/2014 12:43	0	0	0
248	9/17/2014 12:44	0	0	0
249	9/17/2014 12:45	0	0	0
250	9/17/2014 12:46	0	0	0
251	9/17/2014 12:47	0	0	0
252	9/17/2014 12:48	0	0	0
253	9/17/2014 12:49	0	0	0
254	9/17/2014 12:50	0	0	0
255	9/17/2014 12:51	0	0	0
256	9/17/2014 12:52	0	0	0
257	9/17/2014 12:53	0	0	0
258	9/17/2014 12:54	0	0	0
259	9/17/2014 12:55	0	0	0
260	9/17/2014 12:56	0	0	0
261	9/17/2014 12:57	0	0	0

262	9/17/2014 12:58	0	0	0
263	9/17/2014 12:59	0	0	0
264	9/17/2014 13:00	0	0	0
265	9/17/2014 13:01	0	0	0
266	9/17/2014 13:02	0	0	0
267	9/17/2014 13:03	0	0	0
268	9/17/2014 13:04	0	0	0
269	9/17/2014 13:05	0	0	0
270	9/17/2014 13:06	0	0	0
271	9/17/2014 13:07	0	0	0
272	9/17/2014 13:08	0	0	0
273	9/17/2014 13:09	0	0	0
274	9/17/2014 13:10	0	0	0
275	9/17/2014 13:11	0	0	0
276	9/17/2014 13:12	0	0	0
277	9/17/2014 13:13	0	0	0
278	9/17/2014 13:14	0	0	0
279	9/17/2014 13:15	0	0	0
280	9/17/2014 13:16	0	0	0
281	9/17/2014 13:17	0	0	0
282	9/17/2014 13:18	0	0	0
283	9/17/2014 13:19	0	0	0
284	9/17/2014 13:20	0	0	0
285	9/17/2014 13:21	0	0	0
286	9/17/2014 13:22	0	0	0
287	9/17/2014 13:23	0	0	0
288	9/17/2014 13:24	0	0	0
289	9/17/2014 13:25	0	0	0
290	9/17/2014 13:26	0	0	0
291	9/17/2014 13:27	0	0	0
292	9/17/2014 13:28	0	0	0
293	9/17/2014 13:29	0	0	0
294	9/17/2014 13:30	0	0	0
295	9/17/2014 13:31	0	0	0
296	9/17/2014 13:32	0	0	0
297	9/17/2014 13:33	0	0	0
298	9/17/2014 13:34	0	0	0
299	9/17/2014 13:35	0	0	0
300	9/17/2014 13:36	0	0	0
301	9/17/2014 13:37	0	0	0
302	9/17/2014 13:38	0	0	0
303	9/17/2014 13:39	0	0	0
304	9/17/2014 13:40	0	0	0
305	9/17/2014 13:41	0	0	0
306	9/17/2014 13:42	0	0	0
307	9/17/2014 13:43	0	0	0
308	9/17/2014 13:44	0	0	0

309	9/17/2014 13:45	0	0	0
310	9/17/2014 13:46	0	0	0
311	9/17/2014 13:47	0	0	0
312	9/17/2014 13:48	0	0	0
313	9/17/2014 13:49	0	0	0
314	9/17/2014 13:50	0	0	0
315	9/17/2014 13:51	0	0	0
316	9/17/2014 13:52	0	0	0
317	9/17/2014 13:53	0	0	0
318	9/17/2014 13:54	0	0	0
319	9/17/2014 13:55	0	0	0
320	9/17/2014 13:56	0	0	0
321	9/17/2014 13:57	0	0	0
322	9/17/2014 13:58	0	0	0
323	9/17/2014 13:59	0	0	0
324	9/17/2014 14:00	0	0	0
325	9/17/2014 14:01	0	0	0
326	9/17/2014 14:02	0	0	0
327	9/17/2014 14:03	0	0	0
328	9/17/2014 14:04	0	0	0
329	9/17/2014 14:05	0	0	0
330	9/17/2014 14:06	0	0	0
331	9/17/2014 14:07	0	0	0
332	9/17/2014 14:08	0	0	0
333	9/17/2014 14:09	0	0	0
334	9/17/2014 14:10	0	0	0
335	9/17/2014 14:11	0	0	0
336	9/17/2014 14:12	0	0	0
337	9/17/2014 14:13	0	0	0
338	9/17/2014 14:14	0	0	0
339	9/17/2014 14:15	0	0	0
340	9/17/2014 14:16	0	0	0
341	9/17/2014 14:17	0	0	0
342	9/17/2014 14:18	0	0	0
343	9/17/2014 14:19	0	0	0
344	9/17/2014 14:20	0	0	0
345	9/17/2014 14:21	0	0	0
346	9/17/2014 14:22	0	0	0
347	9/17/2014 14:23	0	0	0
348	9/17/2014 14:24	0	0	0
349	9/17/2014 14:25	0	0	0
350	9/17/2014 14:26	0	0	0
351	9/17/2014 14:27	0	0	0
352	9/17/2014 14:28	0	0	0
353	9/17/2014 14:29	0	0	0
354	9/17/2014 14:30	0	0	0
355	9/17/2014 14:31	0	0	0



=====  
=====Event #1 information (begin)=====

=====  
[Event #1 name: ]--[Event #1]09-16-2014 11:33<-->09-16-2014 12:19  
[Event start time: ]--09-16-2014 11:33:16[Event end time: ]--09-16-2014 12:19:16

=====  
=====Event #1 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904033  
Data Points: 46 Sample Period: 60 s Datalog Mode: Automatic  
SITE ID: 00000007 USER ID: 00000001 Op Mode: Search Mode

=====  
Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)  
Measurement Gas : Isobutene  
Calibration Time : 2014-09-12 16:53:002014-09-12 16:53:002014-09-12 16:53:00  
Drift Value : --- --- ---  
Low Alarm Levels : 50000 50000 50000  
High Alarm Levels : 100000 100000 100000  
Span Value : 100000 100000 100000  
Correction Factor : 0.10 0.10 0.10  
Over Alarm Levels : 15000000 15000000 15000000

=====  
=====Event #1 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	9/16/2014 11:34	0	0	0
2	9/16/2014 11:35	0	0	0
3	9/16/2014 11:36	0	0	0
4	9/16/2014 11:37	0	0	0
5	9/16/2014 11:38	0	0	0
6	9/16/2014 11:39	0	0	0
7	9/16/2014 11:40	0	0	0
8	9/16/2014 11:41	0	0	0
9	9/16/2014 11:42	0	0	0
10	9/16/2014 11:43	0	0	0
11	9/16/2014 11:44	0	0	0
12	9/16/2014 11:45	0	0	0
13	9/16/2014 11:46	0	0	0
14	9/16/2014 11:47	0	0	0
15	9/16/2014 11:48	0	0	0
16	9/16/2014 11:49	0	0	0
17	9/16/2014 11:50	0	0	0
18	9/16/2014 11:51	0	0	0
19	9/16/2014 11:52	0	0	0
20	9/16/2014 11:53	0	0	0
21	9/16/2014 11:54	0	0	0
22	9/16/2014 11:55	0	0	0
23	9/16/2014 11:56	0	0	0
24	9/16/2014 11:57	0	0	0
25	9/16/2014 11:58	0	0	0
26	9/16/2014 11:59	0	0	0



=====  
=====Event #2 information (begin)=====

=====  
[Event #2 name: ]--[Event #2]09-17-2014 08:30<-->09-17-2014 15:00  
[Event start time: ]--09-17-2014 08:30:54[Event end time: ]--09-17-2014 15:00:54

=====  
=====Event #2 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904033  
Data Points: 390 Sample Period: 60 s Datalog Mode: Automatic  
SITE ID: 00000008 USER ID: 00000001 Op Mode: Search Mode

=====  
Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)  
Measurement Gas : Isobutene  
Calibration Time : 2014-09-12 16:53:002014-09-12 16:53:002014-09-12 16:53:00  
Drift Value : --- --- ---  
Low Alarm Levels : 50000 50000 50000  
High Alarm Levels : 100000 100000 100000  
Span Value : 100000 100000 100000  
Correction Factor : 0.10 0.10 0.10  
Over Alarm Levels : 15000000 15000000 15000000

=====  
=====Event #2 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	9/17/2014 8:31	0	2458	6973
2	9/17/2014 8:32	0	1053	6923
3	9/17/2014 8:33	0	0	0
4	9/17/2014 8:34	0	0	0
5	9/17/2014 8:35	0	0	0
6	9/17/2014 8:36	0	0	0
7	9/17/2014 8:37	0	0	0
8	9/17/2014 8:38	0	0	0
9	9/17/2014 8:39	0	0	0
10	9/17/2014 8:40	0	0	0
11	9/17/2014 8:41	0	0	0
12	9/17/2014 8:42	0	0	0
13	9/17/2014 8:43	0	0	0
14	9/17/2014 8:44	0	0	0
15	9/17/2014 8:45	0	0	0
16	9/17/2014 8:46	0	0	0
17	9/17/2014 8:47	0	0	0
18	9/17/2014 8:48	0	0	0
19	9/17/2014 8:49	0	0	0
20	9/17/2014 8:50	0	0	0
21	9/17/2014 8:51	0	0	0
22	9/17/2014 8:52	0	0	0
23	9/17/2014 8:53	0	0	0
24	9/17/2014 8:54	0	0	0
25	9/17/2014 8:55	0	0	0
26	9/17/2014 8:56	0	0	0

27	9/17/2014 8:57	0	0	0
28	9/17/2014 8:58	0	0	0
29	9/17/2014 8:59	0	0	0
30	9/17/2014 9:00	0	0	0
31	9/17/2014 9:01	0	0	0
32	9/17/2014 9:02	0	0	0
33	9/17/2014 9:03	0	0	0
34	9/17/2014 9:04	0	0	0
35	9/17/2014 9:05	0	0	0
36	9/17/2014 9:06	0	0	0
37	9/17/2014 9:07	0	0	0
38	9/17/2014 9:08	0	0	0
39	9/17/2014 9:09	0	0	0
40	9/17/2014 9:10	0	0	0
41	9/17/2014 9:11	0	0	0
42	9/17/2014 9:12	0	0	0
43	9/17/2014 9:13	0	0	0
44	9/17/2014 9:14	0	0	0
45	9/17/2014 9:15	0	0	0
46	9/17/2014 9:16	0	0	0
47	9/17/2014 9:17	0	0	0
48	9/17/2014 9:18	0	0	0
49	9/17/2014 9:19	0	0	0
50	9/17/2014 9:20	0	0	0
51	9/17/2014 9:21	0	0	0
52	9/17/2014 9:22	0	0	0
53	9/17/2014 9:23	0	0	0
54	9/17/2014 9:24	0	0	0
55	9/17/2014 9:25	0	0	0
56	9/17/2014 9:26	0	0	0
57	9/17/2014 9:27	0	0	0
58	9/17/2014 9:28	0	0	0
59	9/17/2014 9:29	0	0	0
60	9/17/2014 9:30	0	0	0
61	9/17/2014 9:31	0	0	0
62	9/17/2014 9:32	0	0	0
63	9/17/2014 9:33	0	0	0
64	9/17/2014 9:34	0	0	0
65	9/17/2014 9:35	0	0	0
66	9/17/2014 9:36	0	0	0
67	9/17/2014 9:37	0	0	0
68	9/17/2014 9:38	0	0	0
69	9/17/2014 9:39	0	0	0
70	9/17/2014 9:40	0	0	0
71	9/17/2014 9:41	0	0	0
72	9/17/2014 9:42	0	0	0
73	9/17/2014 9:43	0	0	0

74	9/17/2014 9:44	0	0	0
75	9/17/2014 9:45	0	0	0
76	9/17/2014 9:46	0	0	0
77	9/17/2014 9:47	0	0	0
78	9/17/2014 9:48	0	0	0
79	9/17/2014 9:49	0	0	0
80	9/17/2014 9:50	0	0	0
81	9/17/2014 9:51	0	0	0
82	9/17/2014 9:52	0	0	0
83	9/17/2014 9:53	0	0	0
84	9/17/2014 9:54	0	0	0
85	9/17/2014 9:55	0	0	0
86	9/17/2014 9:56	0	0	0
87	9/17/2014 9:57	0	0	0
88	9/17/2014 9:58	0	0	0
89	9/17/2014 9:59	0	0	0
90	9/17/2014 10:00	0	0	0
91	9/17/2014 10:01	0	0	0
92	9/17/2014 10:02	0	0	0
93	9/17/2014 10:03	0	0	0
94	9/17/2014 10:04	0	0	0
95	9/17/2014 10:05	0	0	0
96	9/17/2014 10:06	0	0	0
97	9/17/2014 10:07	0	0	0
98	9/17/2014 10:08	0	0	0
99	9/17/2014 10:09	0	0	0
100	9/17/2014 10:10	0	0	0
101	9/17/2014 10:11	0	0	0
102	9/17/2014 10:12	0	0	0
103	9/17/2014 10:13	0	0	0
104	9/17/2014 10:14	0	0	0
105	9/17/2014 10:15	0	0	0
106	9/17/2014 10:16	0	0	0
107	9/17/2014 10:17	0	0	0
108	9/17/2014 10:18	0	0	0
109	9/17/2014 10:19	0	0	0
110	9/17/2014 10:20	0	0	0
111	9/17/2014 10:21	0	0	0
112	9/17/2014 10:22	0	0	0
113	9/17/2014 10:23	0	0	0
114	9/17/2014 10:24	0	0	0
115	9/17/2014 10:25	0	0	0
116	9/17/2014 10:26	0	0	0
117	9/17/2014 10:27	0	0	0
118	9/17/2014 10:28	0	0	0
119	9/17/2014 10:29	0	0	0
120	9/17/2014 10:30	0	0	0

121	9/17/2014 10:31	0	0	0
122	9/17/2014 10:32	0	0	0
123	9/17/2014 10:33	0	0	0
124	9/17/2014 10:34	0	0	0
125	9/17/2014 10:35	0	0	0
126	9/17/2014 10:36	0	0	0
127	9/17/2014 10:37	0	0	0
128	9/17/2014 10:38	0	0	0
129	9/17/2014 10:39	0	0	0
130	9/17/2014 10:40	0	0	0
131	9/17/2014 10:41	0	0	0
132	9/17/2014 10:42	0	0	0
133	9/17/2014 10:43	0	0	0
134	9/17/2014 10:44	0	0	0
135	9/17/2014 10:45	0	0	0
136	9/17/2014 10:46	0	0	0
137	9/17/2014 10:47	0	0	0
138	9/17/2014 10:48	0	0	0
139	9/17/2014 10:49	0	0	0
140	9/17/2014 10:50	0	0	0
141	9/17/2014 10:51	0	0	0
142	9/17/2014 10:52	0	0	0
143	9/17/2014 10:53	0	0	0
144	9/17/2014 10:54	0	0	0
145	9/17/2014 10:55	0	0	0
146	9/17/2014 10:56	0	0	0
147	9/17/2014 10:57	0	0	0
148	9/17/2014 10:58	0	0	0
149	9/17/2014 10:59	0	0	0
150	9/17/2014 11:00	0	0	0
151	9/17/2014 11:01	0	0	0
152	9/17/2014 11:02	0	0	0
153	9/17/2014 11:03	0	0	0
154	9/17/2014 11:04	0	0	0
155	9/17/2014 11:05	0	0	0
156	9/17/2014 11:06	0	0	0
157	9/17/2014 11:07	0	0	0
158	9/17/2014 11:08	0	0	0
159	9/17/2014 11:09	0	0	0
160	9/17/2014 11:10	0	0	0
161	9/17/2014 11:11	0	0	0
162	9/17/2014 11:12	0	0	0
163	9/17/2014 11:13	0	0	0
164	9/17/2014 11:14	0	0	0
165	9/17/2014 11:15	0	0	0
166	9/17/2014 11:16	0	0	0
167	9/17/2014 11:17	0	0	0

168	9/17/2014 11:18	0	0	0
169	9/17/2014 11:19	0	0	0
170	9/17/2014 11:20	0	0	0
171	9/17/2014 11:21	0	0	0
172	9/17/2014 11:22	0	0	0
173	9/17/2014 11:23	0	0	0
174	9/17/2014 11:24	0	0	0
175	9/17/2014 11:25	0	0	0
176	9/17/2014 11:26	0	0	0
177	9/17/2014 11:27	0	0	0
178	9/17/2014 11:28	0	0	0
179	9/17/2014 11:29	0	0	0
180	9/17/2014 11:30	0	0	0
181	9/17/2014 11:31	0	0	0
182	9/17/2014 11:32	0	0	0
183	9/17/2014 11:33	0	0	0
184	9/17/2014 11:34	0	0	0
185	9/17/2014 11:35	0	0	0
186	9/17/2014 11:36	0	0	0
187	9/17/2014 11:37	0	0	0
188	9/17/2014 11:38	0	0	0
189	9/17/2014 11:39	0	0	0
190	9/17/2014 11:40	0	0	0
191	9/17/2014 11:41	0	0	0
192	9/17/2014 11:42	0	0	0
193	9/17/2014 11:43	0	0	0
194	9/17/2014 11:44	0	0	0
195	9/17/2014 11:45	0	0	0
196	9/17/2014 11:46	0	0	0
197	9/17/2014 11:47	0	0	0
198	9/17/2014 11:48	0	0	0
199	9/17/2014 11:49	0	0	0
200	9/17/2014 11:50	0	0	0
201	9/17/2014 11:51	0	0	0
202	9/17/2014 11:52	0	0	0
203	9/17/2014 11:53	0	0	0
204	9/17/2014 11:54	0	0	0
205	9/17/2014 11:55	0	0	0
206	9/17/2014 11:56	0	0	0
207	9/17/2014 11:57	0	0	0
208	9/17/2014 11:58	0	0	0
209	9/17/2014 11:59	0	0	0
210	9/17/2014 12:00	0	0	0
211	9/17/2014 12:01	0	0	0
212	9/17/2014 12:02	0	0	0
213	9/17/2014 12:03	0	0	0
214	9/17/2014 12:04	0	0	0

215	9/17/2014 12:05	0	0	0
216	9/17/2014 12:06	0	0	0
217	9/17/2014 12:07	0	0	0
218	9/17/2014 12:08	0	0	0
219	9/17/2014 12:09	0	0	0
220	9/17/2014 12:10	0	0	0
221	9/17/2014 12:11	0	0	0
222	9/17/2014 12:12	0	0	0
223	9/17/2014 12:13	0	0	0
224	9/17/2014 12:14	0	0	0
225	9/17/2014 12:15	0	0	0
226	9/17/2014 12:16	0	0	0
227	9/17/2014 12:17	0	0	0
228	9/17/2014 12:18	0	0	0
229	9/17/2014 12:19	0	0	0
230	9/17/2014 12:20	0	0	0
231	9/17/2014 12:21	0	0	0
232	9/17/2014 12:22	0	0	0
233	9/17/2014 12:23	0	0	0
234	9/17/2014 12:24	0	0	0
235	9/17/2014 12:25	0	0	0
236	9/17/2014 12:26	0	0	0
237	9/17/2014 12:27	0	0	0
238	9/17/2014 12:28	0	0	0
239	9/17/2014 12:29	0	0	0
240	9/17/2014 12:30	0	0	0
241	9/17/2014 12:31	0	0	0
242	9/17/2014 12:32	0	0	0
243	9/17/2014 12:33	0	0	0
244	9/17/2014 12:34	0	0	0
245	9/17/2014 12:35	0	0	0
246	9/17/2014 12:36	0	0	0
247	9/17/2014 12:37	0	0	0
248	9/17/2014 12:38	0	0	0
249	9/17/2014 12:39	0	0	0
250	9/17/2014 12:40	0	0	0
251	9/17/2014 12:41	0	0	0
252	9/17/2014 12:42	0	0	0
253	9/17/2014 12:43	0	0	0
254	9/17/2014 12:44	0	0	0
255	9/17/2014 12:45	0	0	0
256	9/17/2014 12:46	0	0	0
257	9/17/2014 12:47	0	0	0
258	9/17/2014 12:48	0	0	0
259	9/17/2014 12:49	0	0	0
260	9/17/2014 12:50	0	0	0
261	9/17/2014 12:51	0	0	0

262	9/17/2014 12:52	0	0	0
263	9/17/2014 12:53	0	0	0
264	9/17/2014 12:54	0	0	0
265	9/17/2014 12:55	0	0	0
266	9/17/2014 12:56	0	0	0
267	9/17/2014 12:57	0	0	0
268	9/17/2014 12:58	0	0	0
269	9/17/2014 12:59	0	0	0
270	9/17/2014 13:00	0	0	0
271	9/17/2014 13:01	0	0	0
272	9/17/2014 13:02	0	0	0
273	9/17/2014 13:03	0	0	0
274	9/17/2014 13:04	0	0	0
275	9/17/2014 13:05	0	0	0
276	9/17/2014 13:06	0	0	0
277	9/17/2014 13:07	0	0	0
278	9/17/2014 13:08	0	0	0
279	9/17/2014 13:09	0	0	0
280	9/17/2014 13:10	0	0	0
281	9/17/2014 13:11	0	0	0
282	9/17/2014 13:12	0	0	0
283	9/17/2014 13:13	0	0	0
284	9/17/2014 13:14	0	0	0
285	9/17/2014 13:15	0	0	0
286	9/17/2014 13:16	0	0	0
287	9/17/2014 13:17	0	0	0
288	9/17/2014 13:18	0	0	0
289	9/17/2014 13:19	0	0	0
290	9/17/2014 13:20	0	0	0
291	9/17/2014 13:21	0	0	0
292	9/17/2014 13:22	0	0	0
293	9/17/2014 13:23	0	0	0
294	9/17/2014 13:24	0	0	0
295	9/17/2014 13:25	0	0	0
296	9/17/2014 13:26	0	0	0
297	9/17/2014 13:27	0	0	0
298	9/17/2014 13:28	0	0	0
299	9/17/2014 13:29	0	0	0
300	9/17/2014 13:30	0	0	0
301	9/17/2014 13:31	0	0	0
302	9/17/2014 13:32	0	0	0
303	9/17/2014 13:33	0	0	0
304	9/17/2014 13:34	0	0	0
305	9/17/2014 13:35	0	0	0
306	9/17/2014 13:36	0	0	0
307	9/17/2014 13:37	0	0	0
308	9/17/2014 13:38	0	0	0

309	9/17/2014 13:39	0	0	0
310	9/17/2014 13:40	0	0	0
311	9/17/2014 13:41	0	0	0
312	9/17/2014 13:42	0	0	0
313	9/17/2014 13:43	0	0	0
314	9/17/2014 13:44	0	0	0
315	9/17/2014 13:45	0	0	0
316	9/17/2014 13:46	0	0	0
317	9/17/2014 13:47	0	0	0
318	9/17/2014 13:48	0	0	0
319	9/17/2014 13:49	0	0	0
320	9/17/2014 13:50	0	0	0
321	9/17/2014 13:51	0	0	0
322	9/17/2014 13:52	0	0	0
323	9/17/2014 13:53	0	0	0
324	9/17/2014 13:54	0	0	0
325	9/17/2014 13:55	0	0	0
326	9/17/2014 13:56	0	0	0
327	9/17/2014 13:57	0	0	0
328	9/17/2014 13:58	0	0	0
329	9/17/2014 13:59	0	0	0
330	9/17/2014 14:00	0	0	0
331	9/17/2014 14:01	0	0	0
332	9/17/2014 14:02	0	0	0
333	9/17/2014 14:03	0	0	0
334	9/17/2014 14:04	0	0	0
335	9/17/2014 14:05	0	0	0
336	9/17/2014 14:06	0	0	0
337	9/17/2014 14:07	0	0	0
338	9/17/2014 14:08	0	0	0
339	9/17/2014 14:09	0	0	0
340	9/17/2014 14:10	0	0	0
341	9/17/2014 14:11	0	0	0
342	9/17/2014 14:12	0	0	0
343	9/17/2014 14:13	0	0	0
344	9/17/2014 14:14	0	0	0
345	9/17/2014 14:15	0	0	0
346	9/17/2014 14:16	0	0	0
347	9/17/2014 14:17	0	0	0
348	9/17/2014 14:18	0	0	0
349	9/17/2014 14:19	0	0	0
350	9/17/2014 14:20	0	0	0
351	9/17/2014 14:21	0	0	0
352	9/17/2014 14:22	0	0	0
353	9/17/2014 14:23	0	0	0
354	9/17/2014 14:24	0	0	0
355	9/17/2014 14:25	0	0	0

356	9/17/2014 14:26	0	0	0
357	9/17/2014 14:27	0	0	0
358	9/17/2014 14:28	0	0	0
359	9/17/2014 14:29	0	0	0
360	9/17/2014 14:30	0	0	0
361	9/17/2014 14:31	0	0	0
362	9/17/2014 14:32	0	0	0
363	9/17/2014 14:33	0	0	0
364	9/17/2014 14:34	0	0	0
365	9/17/2014 14:35	0	0	0
366	9/17/2014 14:36	0	0	0
367	9/17/2014 14:37	0	0	0
368	9/17/2014 14:38	0	0	0
369	9/17/2014 14:39	0	0	0
370	9/17/2014 14:40	0	0	0
371	9/17/2014 14:41	0	0	0
372	9/17/2014 14:42	0	0	0
373	9/17/2014 14:43	0	0	0
374	9/17/2014 14:44	0	0	0
375	9/17/2014 14:45	0	0	0
376	9/17/2014 14:46	0	0	0
377	9/17/2014 14:47	0	0	0
378	9/17/2014 14:48	0	0	0
379	9/17/2014 14:49	0	0	0
380	9/17/2014 14:50	0	0	0
381	9/17/2014 14:51	0	0	0
382	9/17/2014 14:52	0	0	0
383	9/17/2014 14:53	0	0	0
384	9/17/2014 14:54	0	0	0
385	9/17/2014 14:55	0	0	0
386	9/17/2014 14:56	0	0	0
387	9/17/2014 14:57	0	0	0
388	9/17/2014 14:58	0	0	0
389	9/17/2014 14:59	0	0	0
390	9/17/2014 15:00	0	0	0

=====Event #2 information (end)=====

# ATTACHMENT D

Disposal Documentation





*County of Franklin*  
*Solid Waste Management Authority*

828 County Route 20 • Constable, New York 12926  
cfswma@westelcom.com

Telephone: (518) 483-8270  
Fax: (518) 483-4880

December 6, 2013

Mr. Guy Griffin  
OP-TECH  
63 Trade Road  
Massena, NY 13662

Re: 80 Coffee St, Malone

Dear Guy,

County of Franklin Solid Waste Authority has reviewed the analytical report regarding the contaminated soil from the National Grid site on Coffee Street. The material meets our specifications and is cleared for acceptance at our facility.

Please call if you have any further questions.

Regards,

Helen Sullivan  
Landfill Supervisor

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

#1

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MNMD-4484

Carrier No. 6A-166

Date 9/16/14

Page 1 of 1

**OP-TECH Environmental Services, Inc.**

(Name of carrier)

(SCAC)

In effect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in item 430, Sec.1.

Consignee County of Franklin Solid Waste Management Authority

Address 828 County Rt. 20

City Constable State NY Zip Code 12926

FROM: Shipper National Grid

Street 80 Coffee Street

City Malone State NY Zip Code 12953

24 hr. Emergency Contact Tel. No. 1-800-225-6750

Vehicle Number 411

Quantity of Units Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
<b>1 DT</b>		<b>Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)</b>	<b>Est. 20</b>	<b>Tons</b>		
		<b>PO#: MNMD-4484</b>				

*Malone Sullivan*

PLACARDS TENDERED: YES  NO

(1) Where the rate is dependent on value, shippers are required to state clearly in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be exceeding \_\_\_\_\_ per \_\_\_\_\_ and the applicable tariff provisions specify a limitation of the carrier's liability to the value declared by the shipper and the shipper does not intend to release or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NMFC Item 172.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

REMIT C.O.D. TO: ADDRESS

**COD** Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE:  
PREPAID   
COLLECT  \$

TOTAL CHARGES \$

FREIGHT CHARGES  
FREIGHT PREPAID except when box at right is checked  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER National Grid  
*Jason Hamilton*  
On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.

PER Jason Hamilton

DATE 9/16/14

1

Permanent post-office address of shipper.



ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. MNMO-4484

Carrier No. 6A-166

Date 9/17/14

38 1 of 1

**OP-TECH Environmental Services, Inc.**  
(Name of carrier) (SCAC)

Effect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

Consignee County of Franklin Solid Waste Management Authority  
Address 828 County Rt. 20  
Constable State NY Zip Code 12926

FROM: Shipper National Grid  
Street 80 Coffee Street  
City Malone State NY Zip Code 12953  
24 hr. Emergency Contact Tel. No. 1-800-225-6750

Quantity	UNIT	BASIC DESCRIPTION	TOTAL QUANTITY	WEIGHT	RATE	CHARGES
		UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	(Weight, Volume, Gallons, etc.)	(Subject to Correction)		(For Carrier Use Only)
<u>1</u>	<u>DT</u>	<u>Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)</u>	<u>Est. 20</u>	<u>Tons</u>		
PO#: MNMO-4484						

PLACARDS TENDERED: YES  NO

(1) Where the rate is dependent on value, shippers are required to state locally in writing the agreed or declared value of the property, as follows: "The declared value of the property is hereby specifically stated by the shipper not exceeding \_\_\_\_\_ per \_\_\_\_\_ here the applicable tariff provisions specify a limitation of the carrier's liability if a release or a value declaration by the shipper and the shipper does not as the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NMFC Item 172.

Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Item 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature \_\_\_\_\_

REMIT C.O.D. TO: ADDRESS ?

**COD** Amt. \$ \_\_\_\_\_

C.O.D. FEE: PREPAID  COLLECT

TOTAL CHARGES \$ \_\_\_\_\_

FREIGHT CHARGES: FREIGHT PREPAID  Check box if charges are to be collected

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER National Grid  
Signature [Signature]  
On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.  
PER [Signature]  
DATE 9/17/14

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

#13

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. MNMO-4484

Carrier No. 6A-166

Date 9/17/14

Page 1 of 1

**OP-TECH Environmental Services, Inc.**  
(Name of carrier) (SCAC)

Effect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

Consignee County of Franklin Solid Waste Management Authority

Address 828 County Rt. 20

Constable State NY Zip Code 12926

FROM: Shipper National Grid

Street 80 Coffee Street

City Malone State NY Zip Code 12953

24 hr. Emergency Contact Tel. No. 1-800-225-6750

Description of Units and Container Type		BASIC DESCRIPTION	TOTAL QUANTITY	WEIGHT	RATE	CHARGES
UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group		(Weight, Volume, Gallons, etc.)	(Subject to Correction)		(For Carrier Use Only)	
1	DM	<b>Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)</b>	Est. 22	Tons		
PO#: MNMO-4484						

Vehicle Number 411

PLACARDS TENDERED: YES  NO

(1) Where the rate is dependent on value, shippers are required to state clearly in writing the agreed or declared value of the property, as follows: "The value of the property is hereby specifically stated by the shipper to not exceed \$\_\_\_\_\_ per \_\_\_\_\_".

Where the applicable tariff provisions specify a limitation of the carrier's liability for a release or a value declaration by the shipper and the shipper does not elect the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NMFC Item 172.

Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature \_\_\_\_\_

REMIT C.O.D. TO: ADDRESS

COD Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID  COLLECT

TOTAL CHARGES \$

FREIGHT CHARGES  
FREIGHT PREPAID  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER National Grid  
Signature \_\_\_\_\_  
On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.  
PER Jason Hamilton  
DATE 9/17/14

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

*HS*  
Shipper No. MINMO-4484

Carrier No. 6A-166

Date 9/17/14

Page 1 of 1

**OP-TECH Environmental Services, Inc.**  
(Name of carrier) (SCAC)

Effect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.  
Consignee County of Franklin Solid Waste Management Authority  
Address 828 County Rt. 20  
Constable State NY Zip Code 12926

FROM: Shipper National Grid  
Street 80 Coffee Street  
City Malone State NY Zip Code 12953  
24 hr. Emergency Contact Tel. No. 1-800-225-6750

Quantity	Container Type	BASIC DESCRIPTION	TOTAL QUANTITY	WEIGHT	RATE	CHARGES
1	DM	UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group <b>Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)</b>	Est. <u>3</u>	<u>Tons</u>		
PO#: <u>MNMO-4484</u>						

PLACARDS TENDERED: YES  NO   
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.  
Signature \_\_\_\_\_

REMIT C.O.D. TO: ADDRESS  
**COD** Amt: \$ \_\_\_\_\_  
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.  
C.O.D. FEE: PREPAID  COLLECT  \$ \_\_\_\_\_  
TOTAL CHARGES \$ \_\_\_\_\_  
FREIGHT CHARGES: FREIGHT PREPAID  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER National Grid  
Signature \_\_\_\_\_  
On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.  
PER Jason Hamilton  
DATE 9/17/14

#1

County of Franklin  
Solid Waste Management Authority

Franklin County Landfill

Truck #: OPTSCH  
Bill Acct#: 100  
p Tech Envir. Services

Ticket# 1134832

Bill Acct#: 100  
p Tech Envir. Services

In | Out  
Date 09/16/14 | 09/16/14  
Time 12:48 | 03:09  
ID HRS | HRS

Transaction: 10 - Inbound Charge  
Payments: 1 - Charge  
Origin: 100 - In County  
Destination: 3 Cell No. 3  
Material: 200 - Contaminated Soil In County  
Reference: anao 4484-coffee st Malone ny

	Lbs	Tons
Gross	60560	30.28
Tare	24040	12.02
Net	36520	18.25

Tip Fee: 821.70 @ \$45.00/tn  
Special Fee: 0.00 @

Total Fee: \$821.70

Tendered: 0.00 Change: 0.00

*James Hamilton*  
Scale Operator

Scale Operator: Helen Sullyva

#2

County of Franklin  
Solid Waste Management Authority

Franklin County Landfill

ip Tech Enviro. Services  
ip Tech Enviro. Services

Ticket# 1134856

ip Tech Enviro. Services  
ip Tech Enviro. Services

In | Out  
Date 09/17/14 | 09/17/14  
Time 10:02 | 10:23  
ID HRS | HRS

Transaction: 10 - Inbound Charge  
Payment: 1 - Charge  
Origin: 100 - In County  
Destination: 3 - Job No. 3  
Material: 200 - Contaminated Soil In County  
Reference: 0000-0484-coffee st malone ny

	Los	Tons
Gross	62520	21.26
Tare	24100	12.05
Net	38420	19.21

Tip Fee: 1864.45 @ \$45.00/tn  
Special Fee: 0.00 @

Total Fees: 1864.45

Tendered: 0.00 Change: 0.00

Scott Operator Helen Sullivan

#3

County of Franklin  
Solid Waste Management Authority

Franklin County Landfill

Truck #00PT00H  
Bill Acct: 00  
Op-Tech Envin. Services

Ticket# 1134871

Haul Acct: 00  
Op-Tech Envin. Services

In / Out  
Date 09/17/14 09/17/14  
Time 12:44 12:56  
ID HRS : HRS

Transaction: 10 - Inbound Charge  
Payment: 1 - Charge  
Origin: 100 - In County  
Destination: 3 Cell No. 3  
Material: 200 - Contaminated Soil In County  
Reference: coffee st malone ny

	Lbs	Tons
Gross	72600	36.30 1
Tare	24000	12.00 1
Net	48600	24.30

Tip Fee: 1091.70 @ 45.00/tn  
Special Fee: 0.00 @

Total Fee: \$1091.70

Tendered: 0.00 Change: 0.00

*[Signature]*  
Scale Operator: Diana Sullivan

#4

County of Franklin  
Solid Waste Management Authority

Franklin County Landfill

Waste PROTECH  
at Dept 120  
p Tech Enviro Services

Ticket# 1134876

at Dept 120  
p Tech Enviro Services

In + Out  
Date 09/17/14 09/17/14  
Time 14:58 15:15  
00 HRS - 1 LRS

com action 10 - Inbound Charge  
Tayson - Charge  
Baptist 100 - In County  
estimated 9 - Call no. 3  
Material: 203 - Contaminated Soil in County  
Reference: coffee st malone-anna 4484

	Lbs	Tons
Gross	37760	18.88 T
Tare	24040	12.02 T
Net	13720	6.86

Top Fee 388.70 @ 4.500 ton  
Open Fee 0.00 @

Total Fee 388.70

Tendered: 8.00 Change: 8.00

*James Hamilton*

Waste Operations Supervisor Sullivan

# ATTACHMENT E

Certification



**Attachment E**

Malone (Amsden Street) Former MGP Site

Site Number: V00469

Interim Remedial Measure Construction Completion Report

Tax Parcel 98.81-1-4

City of Malone, Franklin County

**Certification**

I, Terry W. Young, P.E., certify that I am currently a New York State registered professional engineer and I had primary direct responsibility for the implementation of the interim remedial measure (IRM) performed at Tax Parcel 98.81-1-4 on September 16 and 17, 2014, in association with the Malone (Amsden Street) former manufactured gas plant (MGP) site. Based on my inquiry of the persons under my direction and involved in coordinating and observing the remedial activities summarized herein, I certify that these activities were implemented in substantial conformance with the following:

- The Voluntary Cleanup Order (VCO) between National Grid and the New York State Department of Environmental Conservation (NYSDEC) (No. D0-0001-0011), dated January 25, 2002.
- NYSDEC-approved IRM Work Plan (Arcadis, November 2013).



  
Terry W. Young, P.E.  
NYS PE License No. 074847-1

8/10/16  
Date

# ATTACHMENT F

NYSDEC's June 6, 2016 Letter to National Grid



# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C

625 Broadway, 11th Floor, Albany, NY 12233-7014

P: (518) 402-9662 | F: (518) 402-9679

[www.dec.ny.gov](http://www.dec.ny.gov)

June 6, 2016

Julia Ispentchian, P. E.  
Project Manager  
National Grid  
300 Erie Blvd. West  
Syracuse, NY 13202

Re: Malone (Amsden St.) Former MGP Site  
Site #V00469  
Malone, Franklin County  
Interim Remedial Measure (IRM) Construction Completion Report  
Tax Parcel 98.81-1-4

Dear Ms. Ispentchian:

The New York State Department of Environmental Conservation (Department), in consultation with the New York State Department of Health (NYSDOH), has reviewed the IRM Construction Completion Report, Tax Parcel 98.81-1-4, dated December 7, 2015. Based on that review the report is hereby approved.

Please forward a final electronic copy to both the Department and NYSDOH. Feel free to contact me with any questions or comments at (518) 402-9662, or via e-mail at [scott.deyette@dec.ny.gov](mailto:scott.deyette@dec.ny.gov).

Sincerely,



R. Scott Deyette  
Chief, Inspection Unit  
Remedial Bureau C  
Division of Environmental Remediation

Ec: S. Selmer, NYSDOH  
C. Bethoney, NYSDOH

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C  
625 Broadway, 12th Floor, Albany, NY 12233-7014  
P: (518) 402-9662 | F: (518) 402-9722  
[www.dec.ny.gov](http://www.dec.ny.gov)

**Transmitted via E-mail Only**

April 24, 2023

Steven P. Stucker  
Project Manager  
National Grid  
300 Erie Blvd. West  
Syracuse, NY 13202  
[Steven.Stucker@nationalgrid.com](mailto:Steven.Stucker@nationalgrid.com)

**Re: Off-Site Parcels – Proposed Declarations of Covenants and Restrictions Areas  
Malone (Amsden Street) Manufactured Gas Plant (MGP) Site  
Town of Malone, Franklin County  
Site No. 517014**

Dear Steven Stucker:

The New York State Department of Environmental Conservation (the Department) has reviewed your April 4, 2023 letter identifying the proposed Declarations of Covenants and Restrictions (DCRs) areas for each of the five off-site parcels associated with the above-referenced site. Based on our review, we concur with the proposed DCR areas and have no comments.

If you have any questions or wish to discuss, please feel free to contact me at 518-402-9717 or [rachel.savarie@dec.ny.gov](mailto:rachel.savarie@dec.ny.gov).

Sincerely,



Rachel Savarie, P.E.  
Project Manager  
Remedial Bureau C, Section B  
Division of Environmental Remediation

ec: S. Powlin, Arcadis ([Scott.Powlin@arcadis.com](mailto:Scott.Powlin@arcadis.com))  
C. Geraci, Arcadis ([Catherine.Geraci@arcadis.com](mailto:Catherine.Geraci@arcadis.com))  
J. Deming, NYSDOH ([justin.deming@health.ny.gov](mailto:justin.deming@health.ny.gov))  
S. Selmer, NYSDOH ([stephanie.selmer@health.ny.gov](mailto:stephanie.selmer@health.ny.gov))  
J. Andaloro, NYSDEC OGC ([Jennifer.andaloro@dec.ny.gov](mailto:Jennifer.andaloro@dec.ny.gov))  
K. Maloney, NYSDEC ([kerry.maloney@dec.ny.gov](mailto:kerry.maloney@dec.ny.gov))

D2

# Appendix E

**Generic Community Air Monitoring Plan and Fugitive Dust and Particulate Monitoring (Appendix 1A and Appendix 1B, respectively, NYSDEC's DER-10)**

## Appendix 1A

### New York State Department of Health Generic Community Air Monitoring Plan

#### Overview

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 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 DEC/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, particularly if wind direction changes. 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.

1. 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.

2. 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.

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

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) 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.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter ( $\text{mcg}/\text{m}^3$ ) 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  $150 \text{ mcg}/\text{m}^3$  above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than  $150 \text{ mcg}/\text{m}^3$  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  $150 \text{ mcg}/\text{m}^3$  of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

## **Appendix 1B**

### **Fugitive Dust and Particulate Monitoring**

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.
2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.
3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:
  - (a) Objects to be measured: Dust, mists or aerosols;
  - (b) Measurement Ranges: 0.001 to 400 mg/m<sup>3</sup> (1 to 400,000 :ug/m<sup>3</sup>);
  - (c) Precision (2-sigma) at constant temperature: +/- 10 :g/m<sup>3</sup> for one second averaging; and +/- 1.5 g/m<sup>3</sup> for sixty second averaging;
  - (d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
  - (e) Resolution: 0.1% of reading or 1g/m<sup>3</sup>, whichever is larger;
  - (f) Particle Size Range of Maximum Response: 0.1-10;
  - (g) Total Number of Data Points in Memory: 10,000;
  - (h) Logged Data: Each data point with average concentration, time/date and data point number
  - (i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
  - (j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
  - (k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
  - (l) Operating Temperature: -10 to 50° C (14 to 122° F);
  - (m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.
4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.
5. The action level will be established at 150 ug/m<sup>3</sup> (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m<sup>3</sup>, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m<sup>3</sup> above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m<sup>3</sup> continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM<sub>10</sub> at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

- (a) Applying water on haul roads;
- (b) Wetting equipment and excavation faces;
- (c) Spraying water on buckets during excavation and dumping;
- (d) Hauling materials in properly tarped or watertight containers;
- (e) Restricting vehicle speeds to 10 mph;
- (f) Covering excavated areas and material after excavation activity ceases; and
- (g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m<sup>3</sup> action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

# Appendix F

## Off-Site Property Inspection Forms

**OFF-SITE PROPERTY INSPECTION FORM (1 OF 3) – TAX MAP NUMBER 98.81-1-4**

**NATIONAL GRID  
MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
MALONE, FRANKLIN COUNTY, NEW YORK  
NYSDEC SITE NO. 517014**

Date and Time of Inspection: \_\_\_\_\_

Inspector (Name, Title, and Affiliation): \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Current Property Owner: \_\_\_\_\_

Describe condition of the Declaration of Covenants and Restrictions (DCR) Area on parcel (tax map number 98.81-1-4) and adjacent riverbank since previous inspection (figure on page 3 of this form shows the DCR boundaries):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ATTACH PHOTOGRAPHS OF DCR AREA AND ADJACENT RIVERBANK**

Ground Cover:

Any signs/evidence of ground-intrusive activities (e.g., excavating, trenching, etc.) on the DCR Area (tax map number 98.81-1-4)?

No     Yes; describe: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ATTACH PHOTOGRAPHS OF AREAS OF DISTURBANCE**

---

Any signs/evidence of use of the DCR Area (tax map number 98.81-1-4) in a manner inconsistent with the Declaration of Covenants and Restrictions (Appendix A of the Interim Site Management Plan)?

No     Yes; describe: \_\_\_\_\_

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---

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ATTACH PHOTOGRAPHS OF AREAS OF NON-COMPLIANCE

---

Describe any repairs, maintenance, or corrective actions required to correct observed deficiencies: \_\_\_\_\_

---

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---

---

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS OR ITEMS OBSERVED DURING THE INSPECTION

---

Inspector's Signature:

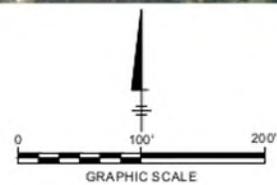
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# THE OFF-SITE PROPERTY



- LEGEND:**
- APPROXIMATE PARCEL BOUNDARY
  - TEST PIT LOCATION
  - TAR PIECE(S) OBSERVED AND REMOVED ON RIVER BANK (JULY 29, 2013)
  - TAR OBSERVED ON RIVER BANK (AUGUST 22, 2014)
  - APPROXIMATE DCR BOUNDARY
  - 2014 INTERIM REMEDIAL MEASURE EXCAVATION LIMITS
  - DCR
  - DECLARATION OF COVENANTS AND RESTRICTIONS

- NOTES:**
1. AERIAL PHOTOGRAPH OBTAINED FROM: <https://otthos.its.ny.gov/arcgis/rest/services/wms/2020/MapServer>. IMAGE DATED APRIL/MAY 2020.
  2. 2022 PARCEL DATA FOR FRANKLIN COUNTY, NEW YORK, WAS OBTAINED FROM ESRI FEATURE SERVICES.
  3. EACH OF THREE PARCELS COMPRISING THE PROPERTY ARE OWNED BY THE COUNTY OF FRANKLIN AND WILL EACH HAVE A SEPARATE DCR.



NATIONAL GRID  
 MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
 MALONE, FRANKLIN COUNTY, NEW YORK  
 NYSDEC SITE NO. 517014

OFF-SITE PROPERTY INSPECTION FORM  
 TAX MAP NUMBER 98.81-1-4  
 3/3

**OFF-SITE PROPERTY INSPECTION FORM (2 OF 3) – TAX MAP NUMBER 98.81-1-3.200**

**NATIONAL GRID  
MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
MALONE, FRANKLIN COUNTY, NEW YORK  
NYSDEC SITE NO. 517014**

Date and Time of Inspection: \_\_\_\_\_

Inspector (Name, Title, and Affiliation): \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Current Property Owner: \_\_\_\_\_

---

Describe condition of the Declaration of Covenants and Restrictions (DCR) Area on parcel (tax map number 98.81-1-3.200) and adjacent riverbank since previous inspection (figure on page 3 of this form shows the DCR boundaries):

---

---

---

---

---

---

---

---

---

---

ATTACH PHOTOGRAPHS OF DCR AREA AND ADJACENT RIVERBANK

---

Ground Cover:

Any signs/evidence of ground-intrusive activities (e.g., excavating, trenching, etc.) on the DCR Area (tax map number 98.81-1-3.200)?

No     Yes; describe: \_\_\_\_\_

---

---

---

---

---

---

ATTACH PHOTOGRAPHS OF AREAS OF DISTURBANCE

---

Any signs/evidence of use of the DCR Area (tax map number 98.81-1-3.200) in a manner inconsistent with the Declaration of Covenants and Restrictions (Appendix A of the Interim Site Management Plan)?

No  Yes; describe: \_\_\_\_\_

---

---

---

---

---

---

ATTACH PHOTOGRAPHS OF AREAS OF NON-COMPLIANCE

---

Describe any repairs, maintenance, or corrective actions required to correct observed deficiencies: \_\_\_\_\_

---

---

---

---

---

---

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS OR ITEMS OBSERVED DURING THE INSPECTION

---

Inspector's Signature: \_\_\_\_\_

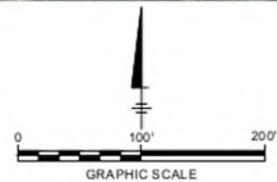
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# THE OFF-SITE PROPERTY



- LEGEND:**
- APPROXIMATE PARCEL BOUNDARY
  - TEST PIT LOCATION
  - TAR PIECE(S) OBSERVED AND REMOVED ON RIVER BANK (JULY 29, 2013)
  - TAR OBSERVED ON RIVER BANK (AUGUST 22, 2014)
  - APPROXIMATE DCR BOUNDARY
  - 2014 INTERIM REMEDIAL MEASURE EXCAVATION LIMITS
  - DCR
  - DECLARATION OF COVENANTS AND RESTRICTIONS

- NOTES:**
1. AERIAL PHOTOGRAPH OBTAINED FROM: <https://dohs.its.ny.gov/larogis/rest/services/wms/2020/MapServer>. IMAGE DATED APRIL/MAY 2020.
  2. 2022 PARCEL DATA FOR FRANKLIN COUNTY, NEW YORK, WAS OBTAINED FROM ESRI FEATURE SERVICES.
  3. EACH OF THREE PARCELS COMPRISING THE PROPERTY ARE OWNED BY THE COUNTY OF FRANKLIN AND WILL EACH HAVE A SEPARATE DCR.



NATIONAL GRID  
 MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
 MALONE, FRANKLIN COUNTY, NEW YORK  
 NYSDEC SITE NO. 517014

OFF-SITE PROPERTY INSPECTION FORM  
 TAX MAP NUMBER 98.81-1-3.200  
 3/3

**OFF-SITE PROPERTY INSPECTION FORM (3 OF 3): TAX MAP NUMBER 98.81-1-1**

**NATIONAL GRID  
MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
MALONE, FRANKLIN COUNTY, NEW YORK  
NYSDEC SITE NO. 517014**

Date and Time of Inspection: \_\_\_\_\_

Inspector (Name, Title, and Affiliation): \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Current Property Owner: \_\_\_\_\_

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Describe condition of the Declaration of Covenants and Restrictions (DCR) Area on parcel (tax map number 98.81-1-1) and adjacent riverbank since previous inspection (figure on page 3 of this form shows the DCR boundaries):

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ATTACH PHOTOGRAPHS OF DCR AREA AND ADJACENT RIVERBANK

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Ground Cover:

Any signs/evidence of ground-intrusive activities (e.g., excavating, trenching, etc.) on the DCR Area (tax map number 98.81-1-1)?

No     Yes; describe: \_\_\_\_\_

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ATTACH PHOTOGRAPHS OF AREAS OF DISTURBANCE

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Any signs/evidence of use of the DCR Area (tax map number 98.81-1-1) in a manner inconsistent with the Declaration of Covenants and Restrictions (Appendix A of the Interim Site Management Plan)?

No     Yes; describe: \_\_\_\_\_

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ATTACH PHOTOGRAPHS OF AREAS OF NON-COMPLIANCE

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Describe any repairs, maintenance, or corrective actions required to correct observed deficiencies: \_\_\_\_\_

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ATTACH PHOTOGRAPHS OF DEFICIENT AREAS OR ITEMS OBSERVED DURING THE INSPECTION

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Inspector's Signature: \_\_\_\_\_

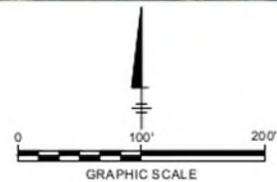
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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NATIONAL GRID  
 MALONE (AMSDEN STREET) FORMER MANUFACTURED GAS PLANT SITE  
 MALONE, FRANKLIN COUNTY, NEW YORK  
 NYSDEC SITE NO. 517014

OFF-SITE PROPERTY INSPECTION FORM  
 TAX MAP NUMBER 98.81-1-1  
 3/3

Arcadis of New York, Inc.  
One Lincoln Center, 110 West Fayette Street, Suite 300  
Syracuse, NY 13202  
United States  
Phone: 315 446 9120  
Fax: 315 449 0017  
[www.arcadis.com](http://www.arcadis.com)