

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

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

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.

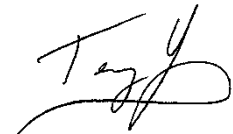
Certification

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

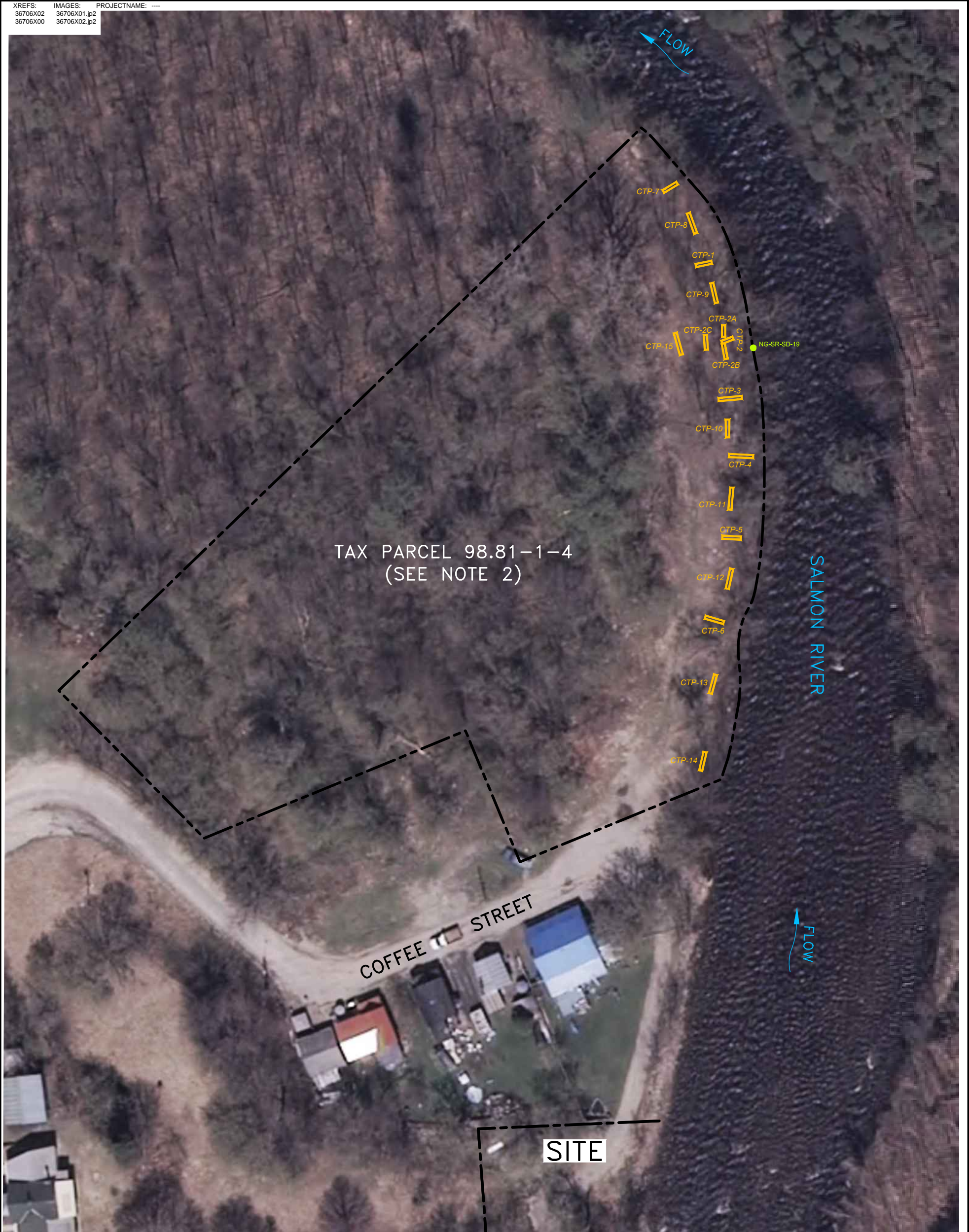
Attachments

- 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

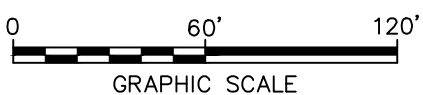


LEGEND:

- 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**

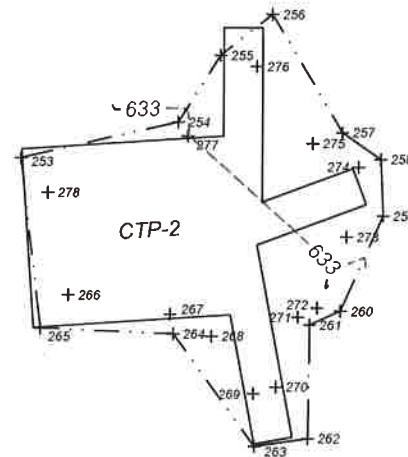
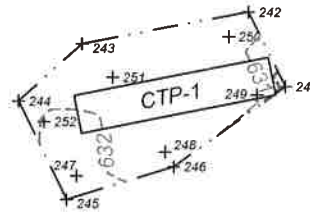
ATTACHMENT A

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.

Copyright © 2014 Thew Associates, PLLC - All Rights Reserved

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
		CHECKED	Thew Associates LAND SURVEYORS 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



Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 1	Date: 9/16/2014	
Description: Excavation mark-out activities.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 3	Date: 9/16/2014		
Description: Exclusion Zone set-up.			

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 5	Date: 9/16/2014		
Description: Beginning CTP-1 excavation.			

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 7	Date: 9/16/2014	
Description: CTP-1 excavation area in progress.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 9	Date: 9/16/2014	
Description: CTP-1 excavation area.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 11	Date: 9/16/2014	
Description: CTP-1 backfilling activities.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 13	Date: 9/16/2014	
Description: Silt fence set-up.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---


Photo No. 15	Date: 9/17/2014	
Description: CTP-2 excavation area in progress.		

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

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

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

Client Name: National Grid	Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	---

Photo No. 19	Date: 9/17/2014	
Description: CTP-2 excavation in progress.		

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

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

Photo No. 22	Date: 9/17/2014		
Description: 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.



Client Name: National Grid		Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	--	---

Photo No. 25	Date: 9/17/2014
------------------------	---------------------------

Description:
Equipment decon prior to beginning CTP-2 backfilling activities.



Photo No. 26	Date: 9/17/2014
------------------------	---------------------------

Description:
Backfilling CTP-2 area.



Client Name: National Grid		Site Location: Pritchard IRM Malone, New York	Project No. / Task No.: B0037606.0000.00013
--------------------------------------	--	--	---

Photo No. 27	Date: 9/17/2014
------------------------	---------------------------

Description:
Backfilling CTP-2 area.



Photo No. 28	Date: 9/17/2014
------------------------	---------------------------

Description:
Backfilling CTP-2 area.



Client Name:
National Grid

Site Location:
Pritchard IRM
Malone, New York

Project No. / Task No.:
B0037606.0000.00013

Photo No.
29

Date:
9/17/2014

Description:
Topsoil placement activities.



Photo No.
30

Date:
9/17/2014

Description:
Topsoil placement over CTP-2 area.



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

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



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

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

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

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


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

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

ATTACHMENT C

CAMP Monitoring Data



Dust Data

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

**CAMP MONITORING
SEPTEMBER 16, 2014**

DUST MONITORING - NORTH STATION	
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

Elapsed Time [s]	Mass [mg/m³]	Alarms	Errors
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**

DUST MONITORING - NORTH STATION	
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 ³]	0.014
Mass Minimum [mg/m ³]	0.01
Mass Maximum [mg/m ³]	0.023
Mass TWA [mg/m ³]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	0
Number of Samples	25

Elapsed Time [s]	Mass [mg/m³]	Alarms	Errors
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

DUST MONITORING - SOUTH STATION	
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/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

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
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**

DUST MONITORING - SOUTH STATION	
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 ³]	0.015
Mass Minimum [mg/m ³]	0
Mass Maximum [mg/m ³]	0.033
Mass TWA [mg/m ³]	0.012
Photometric User Cal	0.88
Flow User Cal	0
Errors	0
Number of Samples	26

Elapsed Time [s]	Mass [mg/m³]	Alarms	Errors
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

27	9/16/2014 11:59	0	0	0
28	9/16/2014 12:00	0	0	0
29	9/16/2014 12:01	0	0	0
30	9/16/2014 12:02	0	0	0
31	9/16/2014 12:03	0	0	0
32	9/16/2014 12:04	0	0	0
33	9/16/2014 12:05	0	0	0
34	9/16/2014 12:06	0	0	0
35	9/16/2014 12:07	0	0	0
36	9/16/2014 12:08	0	0	0
37	9/16/2014 12:09	0	0	0
38	9/16/2014 12:10	0	0	0
39	9/16/2014 12:11	0	0	0
40	9/16/2014 12:12	0	0	0
41	9/16/2014 12:13	0	0	0
42	9/16/2014 12:14	0	0	0
43	9/16/2014 12:15	0	0	0
44	9/16/2014 12:16	0	0	0
45	9/16/2014 12:17	0	0	0
46	9/16/2014 12:18	0	0	0
47	9/16/2014 12:19	0	0	0
48	9/16/2014 12:20	0	0	0
49	9/16/2014 12:21	0	0	0
50	9/16/2014 12:22	0	0	0

=====Event #1 information (end)=====

=====
=====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

356	9/17/2014 14:32	0	0	0
357	9/17/2014 14:33	0	0	0
358	9/17/2014 14:34	0	0	0
359	9/17/2014 14:35	0	0	0
360	9/17/2014 14:36	0	0	0
361	9/17/2014 14:37	0	0	0
362	9/17/2014 14:38	0	0	0
363	9/17/2014 14:39	0	0	0
364	9/17/2014 14:40	0	0	0
365	9/17/2014 14:41	0	0	0
366	9/17/2014 14:42	0	0	0
367	9/17/2014 14:43	0	0	0
368	9/17/2014 14:44	0	0	0
369	9/17/2014 14:45	0	0	0
370	9/17/2014 14:46	0	0	0
371	9/17/2014 14:47	0	0	0
372	9/17/2014 14:48	0	0	0
373	9/17/2014 14:49	0	0	0
374	9/17/2014 14:50	0	0	0
375	9/17/2014 14:51	0	0	0
376	9/17/2014 14:52	0	0	0
377	9/17/2014 14:53	0	0	0
378	9/17/2014 14:54	0	0	0
379	9/17/2014 14:55	0	0	0
380	9/17/2014 14:56	0	0	0
381	9/17/2014 14:57	0	0	0
382	9/17/2014 14:58	0	0	0
383	9/17/2014 14:59	0	0	0
384	9/17/2014 15:00	0	0	0
385	9/17/2014 15:01	0	0	0
386	9/17/2014 15:02	0	0	0
387	9/17/2014 15:03	0	0	0

=====Event #1 information (end)=====

=====
=====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

27	9/16/2014 12:00	0	0	0
28	9/16/2014 12:01	0	0	0
29	9/16/2014 12:02	0	0	0
30	9/16/2014 12:03	0	0	0
31	9/16/2014 12:04	0	0	0
32	9/16/2014 12:05	0	0	0
33	9/16/2014 12:06	0	0	0
34	9/16/2014 12:07	0	0	0
35	9/16/2014 12:08	0	0	0
36	9/16/2014 12:09	0	0	0
37	9/16/2014 12:10	0	0	0
38	9/16/2014 12:11	0	0	0
39	9/16/2014 12:12	0	0	0
40	9/16/2014 12:13	0	0	0
41	9/16/2014 12:14	0	0	0
42	9/16/2014 12:15	0	0	0
43	9/16/2014 12:16	0	0	0
44	9/16/2014 12:17	0	0	0
45	9/16/2014 12:18	0	0	0
46	9/16/2014 12:19	0	0	0

=====Event #1 information (end)=====

=====
=====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
cfswwa@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)
1 DT		Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)	Est. 20	Tons		
		PO#: MNMD-4484				

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.

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 except when box 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

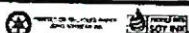
CARRIER OP-TECH Environmental Services, Inc.

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	Container Type	BASIC DESCRIPTION	TOTAL QUANTITY	WEIGHT	RATE	CHARGES
1	DM	UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)	Est. 20	Tons		
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 _____
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.

#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

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

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	Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)	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 in the event of a release or a value declaration by the shipper and the shipper does not 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 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

Handwritten initials

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 Non-DOT, Non-RCRA Regulated Material (Manufactured Gas Plant-Impacted Soil)	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 collected

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



Scale Operator: Helen Sullyva

#2

County of Franklin
Solid Waste Management Authority

Franklin County Landfill

Acct: #00TECH
00 Acct:00
Ip Tech Envir. Services

Ticket# 1134856

Acct: Acct:00
Ip Tech Envir. Services

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

Transactions: 10 - Inbound Charge
Payments: 1 - Charge
Origins: 100 - In County
Activations: 3 - Act No. 3
Reasons: 200 - Contaminated Soil In County
Reference: #000-9484-coffee st malone ny

	Los	Tons
Gross	62520	21.26
Tare	24100	12.05
Net	38420	19.21

Tip Fee: 206.45 @ \$45.00/tn
Special Fee: 0.00 @

Total Fees: \$206.45

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
Haul Acct: 00
Op Tech Envin. Services

Ticket# 1134871

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]
Solid Waste Operator/Diesel Sullivan

#4

County of Franklin
Solid Waste Management Authority

Franklin County Landfill

at: 1001200
p Tech Enviro Services

Ticket# 1134876

at: 1001200
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 - 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: 300.00 @ \$1.50/ton
Open Fee: 0.00 @

Total: 300.00

Tendered: 3.00 Change: 3.00

James Hamilton

Chief Operator/Steven 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

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.

Sincerely,



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

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