ARCADIS Design & Consultancy for natural and built assets

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:
December 7, 2015

Contact:
Terry W. Young, P.E.

Phone:
315 671 9478

Email:
Terry.Young2@arcadis.com

Our ref:
B0036706.0000

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]).

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 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
- 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 5 approximately 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-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 NYSDOT-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.

### 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 W. Young, P.E.
Vice President

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

Enclosures:

**Figures**

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

# FIGURE

CITY: SYRACUSE, N.Y . DIV/GROUP: ENV/IM-DV DB: B. DECLERCQ, R. ALLEN PM: S. POWLIN
G:\ENVCAD\SYRACUSE\ACT\B0036706\0000\00012\DWG\WORK PLAN\36706B01.dwg LAYOUT: 1 SAVED: 9/19/2013 11:39 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C-PB-PDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 9/19/2013 11:39 AM BY: FORAKER, LYDIA

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

0 60' 120'
GRAPHIC SCALE

**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 THEW 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

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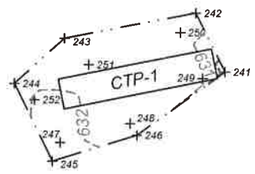
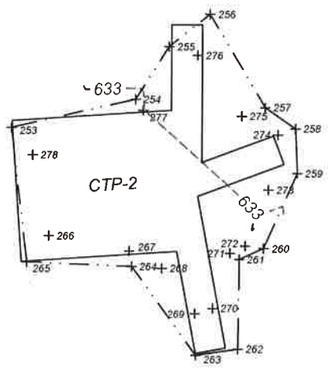
FIGURE
1

# 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
- +256 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.*





*Map Showing Limits of Interim Remedial Measure Excavations*
*Existing Tax Parcel No. 98.81-01-04*

*Malone (Amsden Street) Former MGP Site*

*Site No. V00469*

*Town of Malone, Franklin County, New York*

| DRAWN | SCALE | PROJECT No. | DATE |
|---|---|---|---|
| JLS | 1" = 10' | CK3509-12-13 | 10/27/2014 |
| CHECKED: JST | | | |

P.O. Box 463
6431 US Highway 11
Canton, New York 13617
T: 315/386-2776
F: 315/386-1012

Thew Associates
LAND SURVEYORS
www.ThewAssociates.com

9478 River Road
Marcy, New York 13403
T: 315/733-7278
F: 315/797-1957

# ATTACHMENT B

## IRM Photolog

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# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 1 | 9/16/2014 |

**Description:**
Excavation mark-out activities.

| Photo No. | Date: |
|---|---|
| 2 | 9/16/2014 |

**Description:**
Excavation mark-out activities.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 3 | 9/16/2014 |

**Description:**
Exclusion Zone set-up.

| Photo No. | Date: |
|---|---|
| 4 | 9/16/2014 |

**Description:**
Exclusion Zone Area.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 5 | 9/16/2014 |

**Description:**
Beginning CTP-1 excavation.

| Photo No. | Date: |
|---|---|
| 6 | 9/16/2014 |

**Description:**
CTP-1 excavation.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 7 | 9/16/2014 |

**Description:**
CTP-1 excavation area in progress.

| Photo No. | Date: |
|---|---|
| 8 | 9/16/2014 |

CTP-1 excavation area in progress.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 9 | 9/16/2014 |

**Description:**
CTP-1 excavation area.

| Photo No. | Date: |
|---|---|
| 10 | 9/16/2014 |

**Description:**
CTP-1 material being transported off-site.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 11 | 9/16/2014 |

**Description:**
CTP-1 backfilling activities.

| Photo No. | Date: |
|---|---|
| 12 | 9/16/2014 |

**Description:**
Silt fence set-up.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 13 | 9/16/2014 |

**Description:**
Silt fence set-up.

| Photo No. | Date: |
|---|---|
| 14 | 9/17/2014 |

**Description:**
Truck prep prior to beginning CTP-2 excavation.

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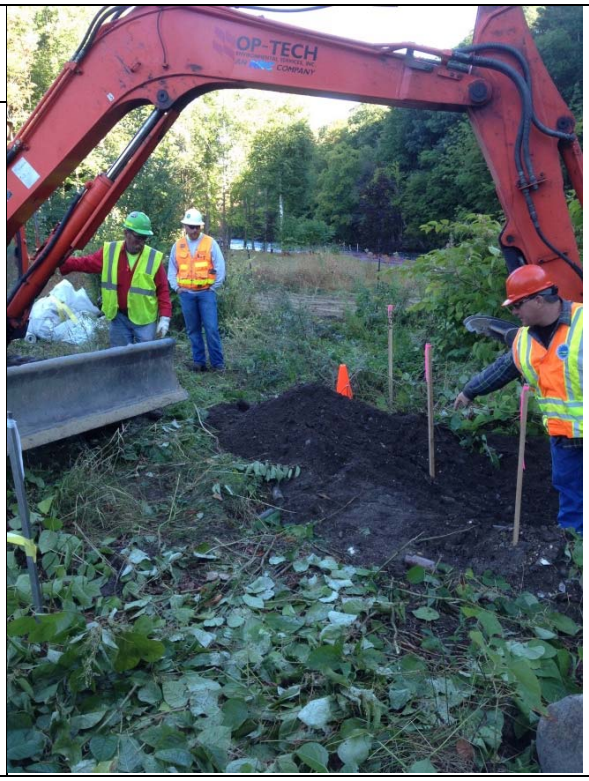
# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 15 | 9/17/2014 |

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




| Photo No. | Date: |
|---|---|
| 16 | 9/17/2014 |

**Description:**
Observances in CTP-2 during excavation activities.

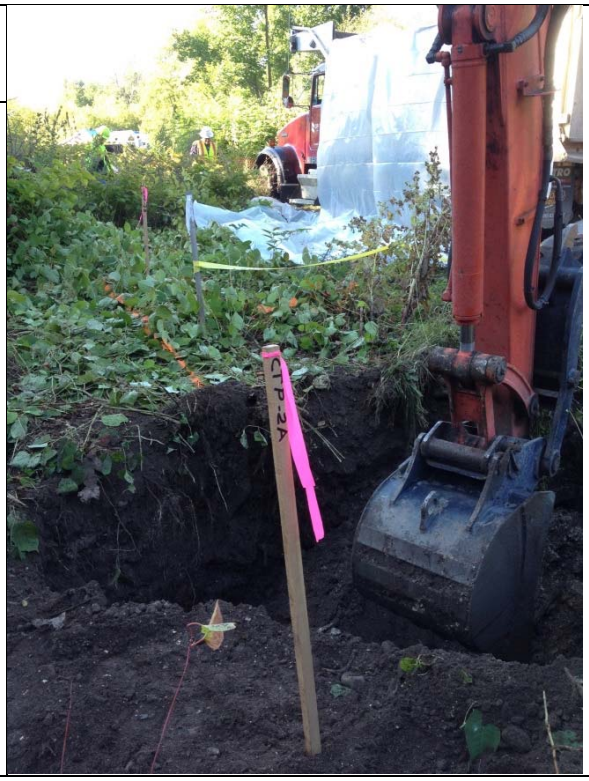
ARCADIS

# PHOTOGRAPHIC LOG

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

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

**Description:**
CTP-2 excavation in progress.




| Photo No. | Date: |
|---|---|
| 18 | 9/17/2014 |

**Description:**
CTP-2 excavation in progress.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 19 | 9/17/2014 |

**Description:**
CTP-2 excavation in progress.

| Photo No. | Date: |
|---|---|
| 20 | 9/17/2014 |

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

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 21 | 9/17/2014 |

**Description:**
CTP-2 excavation activities occurring while the imported backfill remains to be used.

| Photo No. | Date: |
|---|---|
| 22 | 9/17/2014 |

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

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 23 | 9/17/2014 |

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

| Photo No. | Date: |
|---|---|
| 24 | 9/17/2014 |

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

ARCADIS

# PHOTOGRAPHIC LOG

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

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

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

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

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

ARCADIS

# PHOTOGRAPHIC LOG

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

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

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

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

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

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 29 | 9/17/2014 |

**Description:**
Topsoil placement activities.

| Photo No. | Date: |
|---|---|
| 30 | 9/17/2014 |

**Description:**
Topsoil placement over CTP-2 area.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 31 | 9/17/2014 |

**Description:**
Final survey activities.

| Photo No. | Date: |
|---|---|
| 32 | 9/17/2014 |

**Description:**
Hydroseeding activities.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 33 | 9/17/2014 |

**Description:**
Hydroseeding activities.

| Photo No. | Date: |
|---|---|
| 34 | 9/17/2014 |

**Description:**
Hydroseeding activities.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 35 | 9/17/2014 |

**Description:**
Final rock placement, since some were moved to access the excavation areas.

| Photo No. | Date: |
|---|---|
| 36 | 9/17/2014 |

**Description:**
All parties leaving the Site.

ARCADIS

# PHOTOGRAPHIC LOG

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

| Photo No. | Date: |
|---|---|
| 37 | 10/11/2014 |

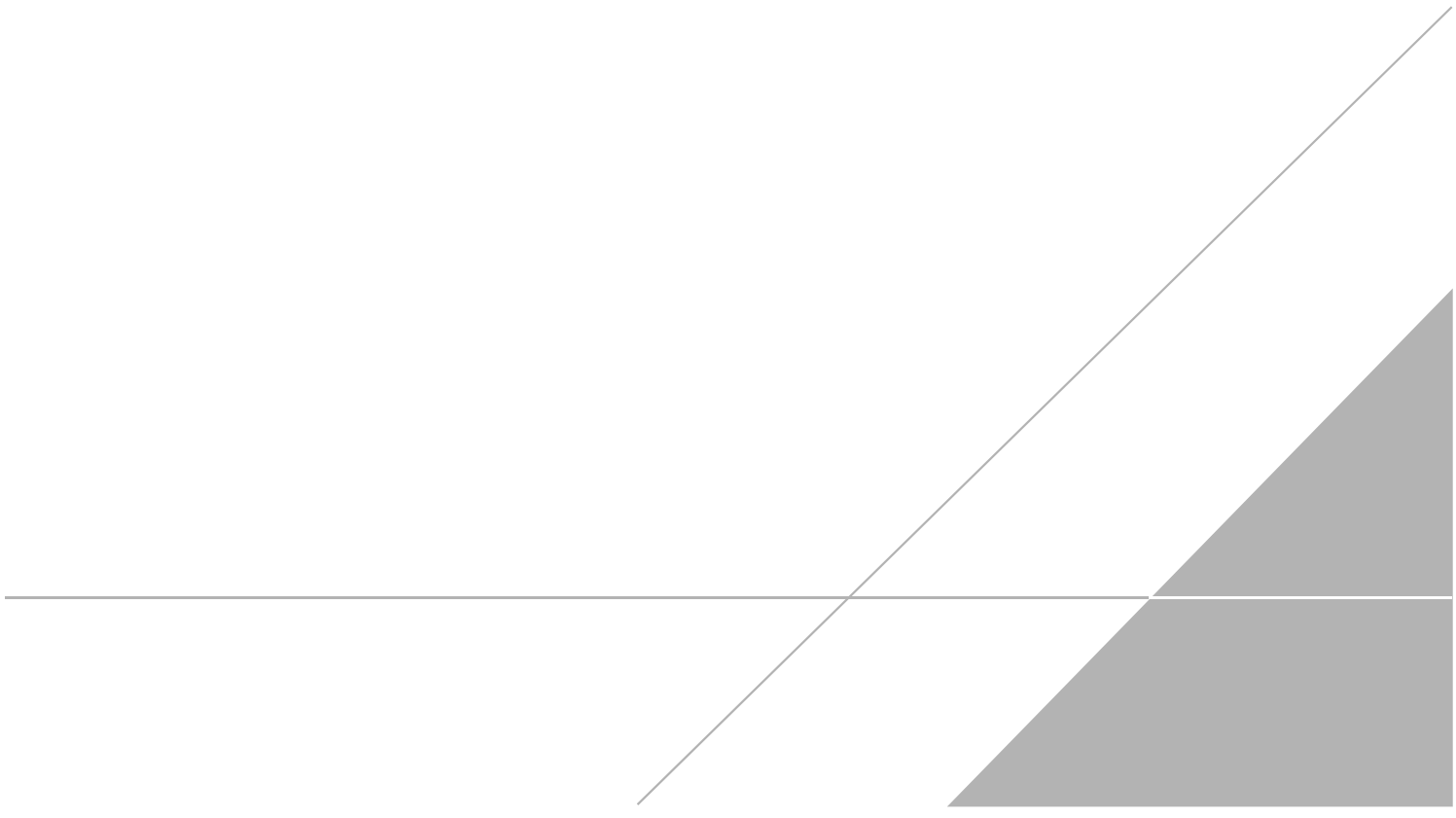
**Description:**
Post-IRM Vegetation

| Photo No. | Date: |
|---|---|
| 38 | 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/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 - 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/m3] | 0.014 |
| Mass Minimum [mg/m3] | 0.01 |
| Mass Maximum [mg/m3] | 0.023 |
| Mass TWA [mg/m3] | 0.011 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | 0 |
| Number of Samples | 25 |

| Elapsed Time [s] | Mass [mg/m$^3$] | 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/m3] | 0.015 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.033 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 0.88 |
| Flow User Cal | 0 |
| Errors | 0 |
| Number of Samples | 26 |

| Elapsed Time [s] | Mass [mg/m$^3$] | 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 | - | - |

ARCADIS

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)==========

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[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 |

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|---|---|---|---|---|
| 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

Helen Sullivan
Landfill Supervisor

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

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

#1

Shipper No. MNM0-4484

Carrier No. 6A-166

ge 1 of 1 OP-TECH Environmental Services, Inc. (Name of carrier) (SCAC)

Date 9/16/14

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

signee County of Franklin Solid Waste Management Authority

et 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

e

Vehicle Number 411

| ). of Units ontainer 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#: MNM0-4484 | | | | |

PLACARDS TENDERED: YES ☐ NO ☒

- (1) Where the rate is dependent on value, shippers are required to state ally in writing the agreed or declared value of the property, as follows: "The or declared value of the property is hereby specifically stated by the shipper t exceeding _____ per _____."
re the applicable tariff provisions specify a limitation of the carrier's liability a release or a value declaration by the shipper and the shipper does not the carrier's liability or declare a value, the carrier's liability shall be limited to nt provided by such provisions. See NMFC Item 172.
modities requiring special or additional care or attention in handling or must be so marked and packaged as to ensure safe transportation. See 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges tion 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 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: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

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.

_____ (Signature of Consignor)

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 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.

PPER National Grid

On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.

PER Jason Hamilton

DATE 9/16/14

1

ient post-office address of shipper.

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

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

#2

Shipper No. MNM0-4484

Carrier No. 6A-166

ge 1 of 1 OP-TECH Environmental Services, Inc. (Name of carrier) (SCAC) Date 9/17/14

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

FROM: Shipper National Grid

signee County of Franklin Solid Waste Management Authority

Street 80 Coffee Street

et 828 County Rt. 20

City Malone State NY Zip Code 12953

Constable State NY Zip Code 12926

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

te

Vehicle Number 411

| o. of Units ontainer 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#: MNM0-4484 | | | | |

PLACARDS TENDERED: YES ☐ NO ☒

— (1) Where the rate is dependent on value, shippers are required to state ically in writing the agreed or declared value of the property, as follows: "The d or 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 d a release or a value declaration by the shipper and the shipper does not e the carrier's liability or declare a value, the carrier's liability shall be limited to tent provided by such provisions. See NMFC Item 172. ommodities requiring special or additional care or attention in handling or g must be so marked and packaged as to ensure safe transportation. See n 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges ection 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 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: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

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.

_____ (Signature of Consignor)

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 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.

PPER National Grid

On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.

PER

DATE 9/17/14

anent post-office address of shipper.

STYLE CF370-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

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

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

#3

Shipper No. MNM0-4484

Carrier No. 6A-166

ge 1 of 1 OP-TECH Environmental Services, Inc. (Name of carrier) (SCAC) Date 9/17/14

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

signee County of Franklin Solid Waste Management Authority

et 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

te

Vehicle Number 411

| o. of Units ontainer 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. 22 | Tons | | |
| | | PO#: MNM0-4484 | | | | |

PLACARDS TENDERED: YES ☐ NO ☐

– (1) Where the rate is dependent on value, shippers are required to state ically in writing the agreed or declared value of the property, as follows: "The d or declared value of the property is hereby specifically stated by the shipper ot exceeding _____ per _____. here the applicable tariff provisions specify a limitation of the carrier's liability t a release or a value declaration by the shipper and the shipper does not e the carrier's liability or declare a value, the carrier's liability shall be limited to tent provided by such provisions. See NMFC Item 172. mmodities requiring special or additional care or attention in handling or g must be so marked and packaged as to ensure safe transportation. See n 2(e) of Item 360, Bills of Lading. Freight Bills and Statements of Charges ection 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 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: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

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.

_____ (Signature of Consignor)

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 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.

PPER National Grid

R

On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.

PER

DATE 9/17/14

anent post-office address of shipper.

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

# STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

#4

Shipper No. MNM0-4484

Carrier No. 6A-166

ge 1 of 1 OP-TECH Environmental Services, Inc. (Name of carrier) (SCAC) Date 9/17/14

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

FROM: Shipper National Grid

signee County of Franklin Solid Waste Management Authority

Street 80 Coffee Street

et 828 County Rt. 20

City Malone State NY Zip Code 12953

Constable State NY Zip Code 12926

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

te

Vehicle Number 411

| o. of Units ontainer 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. 3 | Tons | | |
| | | PO#: MNM0-4484 | | | | |

PLACARDS TENDERED: YES ☐ NO ☒

— (1) Where the rate is dependent on value, shippers are required to state ically in writing the agreed or declared value of the property, as follows: "The d or declared value of the property is hereby specifically stated by the shipper ot exceeding _____ per _____.
ere the applicable tariff provisions specify a limitation of the carrier's liability l a release or a value declaration by the shipper and the shipper does not e the carrier's liability or declare a value, the carrier's liability shall be limited to ount provided by such provisions. See NMFC Item 172.
mmodities requiring special or additional care or attention in handling or g must be so marked and packaged as to ensure safe transportation. See n 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges ection 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 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: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

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.

_____ (Signature of Consignor)

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 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.

PPER National Grid

On behalf of National Grid

CARRIER OP-TECH Environmental Services, Inc.

PER Jason Hamm

DATE 9/17/14

1

ment post-office address of shipper.

(#1)

# County of Franklin
## Solid Waste Management Authority

Franklin County Landfill

Truck #:OPTECH
Bill Acct:100
Op Tech Envir. Services

Ticket# 1134832

2nd Acct:100
Op Tech Envir. Services

| | In | Out |
|---|---|---|
| Date | 09/16/14 | 09/16/14 |
| Time | 12:48 | 13:09 |
| | ID | HRS |

Transaction: 10 -- Inbound Charge
Payment: 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 i |
| Tare | 24040 | 12.02 i |
| Net | 36520 | 18.26 |

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

Total Fee: $821.70

Tendered: 0.00 Change: 0.00

User: Scale Operator:Helen Sullivan

#2

County of Franklin
Solid Waste Management Authority

Franklin County Landfill

Ticket# 1134856

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

| | Lbs | Tons |
|---|---|---|
| Gross | 63520 | 31.76 |
| Tare | 24100 | 12.05 |
| Net | 39420 | 19.71 |

Transaction: 10 - Inbound Charge
Payment: C - Charge
Origin: 100 - In County
Destination: 3 - Cell No. 3
Waste Code: 200 - Contaminated Soil In County
Reference: mmm-0484-coffee st malone ny

Tip Fee: 20x45 @ $45.00/tn
Special Fee: 0.00 M

Total Due: $864.45

Tendered: 0.00 Change: 0.00

Scale Operator: Helen Sullivan

#3

# County of Franklin
## Solid Waste Management Authority

Franklin County Landfill

Truck #:OPTECH
Bill Acct: 00
Op-Tech Envir. Services

Haul Acct:000
Op-Tech Envir. Services

Ticket# **113487**

| | 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
Materials: 200 - Contaminated Soil In County
References: coffee st malone ny

| | Lbs | Tons |
|---|---|---|
| Gross | 72600 | 36.30 1 |
| Tare | 24000 | 12.00 1 |
| Net | 48520 | 24.26 |

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

Total Fee: **$1091.70**

Tendered: 0.00 Change: 0.00

Driver: [signature] Scale Operator: Helen Sullivan

#4

County of Franklin
Solid Waste Management Authority

Franklin County Landfill

Ticket# 1134876

| | In | Out |
|---|---|---|
| Date | 09/17/14 | 09/17/14 |
| Time | 14:58 | 15:15 |

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

Reference: coffee st malone-ammo 4484

Tip Fee: 388.70 @ $ 56.66/ton

Total Due: $388.70

Tendered: 0.00 Change: 0.00

Scale Operator/Attendant: 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. Date
NYS PE License No. 074847-1