**TRANSMITTAL**

<table>
<thead>
<tr>
<th>Date: 6/24/19</th>
<th>Job No.</th>
<th>03.0033554.04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention:</td>
<td>Mr. Joseph Martella</td>
<td></td>
</tr>
<tr>
<td><strong>Re:</strong></td>
<td>Liquefaction Facility Project</td>
<td></td>
</tr>
<tr>
<td><strong>To:</strong></td>
<td>Rhode Island Department of Environmental Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Office of Waste Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>235 Promenade Street</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providence, Rhode Island 02908</td>
<td></td>
</tr>
<tr>
<td><strong>From:</strong></td>
<td>GZA GeoEnvironmental, Inc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>188 Valley Street, Suite 300</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providence, Rhode Island 02909</td>
<td></td>
</tr>
<tr>
<td></td>
<td>401.421.4140   (fax) 401.751.8613</td>
<td></td>
</tr>
</tbody>
</table>

We are sending you:

- [ ] Shop Drawings  
- [ ] Attached  
- [ ] Change Order  
- [ ] Samples  
- [ ] Copy of Letter  
- [ ] Prints  
- [ ] Plans  
- [ ] Specifications  
- [ ] Under Separate Cover, the following Items: via:
  - [ ] Via Email  
  - [ ] Courier  
  - [ ] Regular Mail  
  - [ ] Hand Delivered/Picked Up

**Description**

- Air Quality Monitoring (AQM) Results – Week of 6/17/19 (6/17/19, 6/18/19, 6/19/19, 6/20/19, and 6/21/19)
  - AQM Station 1 Graph
  - AQM Station 2 Graph
  - AQM Station 3 Graph
  - Roving Air Monitoring Unit Graph
  - Summary Figure

**THESE ARE TRANSMITTED** as Checked Below:

- [ ] For Approval  
- [ ] Approved as Submitted  
- [ ] Resubmit Copies for Approval
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- [ ] Approved as Noted  
- [ ] Submit Copies for Distribution
- [ ] As Requested  
- [ ] Returned for Corrections  
- [ ] Return Corrected Prints
- [ ] For Review and Comment  
- [ ] PRINTS RETURNED AFTER LOAN TO US
- [ ] FOR BIDS DUE:

**Comments:**


Copy To:  
Amy Willoughby - National Grid LNG LLC  
William Howard - National Grid LNG LLC

Signed:  
Sophia Narkiewicz, P.E.  
Project Manager

*If enclosures are not as noted, kindly notify us at once.*
Date | Time | Constituent | Observed Range of Sustained Readings | Response Actions Performed
---|---|---|---|---
None | | | | 

**Equipment Notes**

None

**Notes:**

1) Transient readings were conducted over a one minute time period. A reading is sustained if it is held for over a five minute time period.

2) The location of each AQM Station is presented on the attached summary figure.

3) Air quality monitoring performed in accordance with the May 12, 2017 Short Term Response Action Plan (STRAP), the October 11, 2017 STRAP Addendum (including Attachment N - Clarifications to the Proposed Air Monitoring Program for STRAP Activities) and the October 27, 2017 Short Term Response Action Approval Letter issued by RIDEM. Monitoring conducted during active STRAP activities.
AQM Station 2
1-minute average concentrations
Total Volatile Organic Compounds (TVOC) data is on the left axis and Respirable Dust (Particulate Matter less than 10 µm (PM10)) data is on the right axis.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Constituent</th>
<th>Observed Range of Sustained Readings</th>
<th>Response Actions Performed</th>
<th>Data Summary Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/20/2019</td>
<td>07:37</td>
<td>TVOC</td>
<td>1.24 - 2.78 ppmv</td>
<td>No actions taken, readings were not attributed to ongoing site work.</td>
<td>TVOCs average concentration 0.09 ppm</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>TVOCs maximum concentration 2.78 ppm</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>TVOCs action level 1 ppm</td>
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<td></td>
<td></td>
<td>PM10 average concentration 6.22 µg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PM10 maximum concentration 28.47 µg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PM10 action level 150 µg/m³</td>
</tr>
</tbody>
</table>

Equipment Notes
None

Notes:
1) Transient readings were conducted over a one minute time period. A reading is sustained if it is held for over a five minute time period.
2) The location of each AQM Station is presented on the attached summary figure.
3) Air quality monitoring performed in accordance with the May 12, 2017 Short Term Response Action Plan (STRAP), the October 11, 2017 STRAP Addendum (including Attachment N - Clarifications to the Proposed Air Monitoring Program for STRAP Activities) and the October 27, 2017 Short Term Response Action Approval Letter issued by RIDEM. Monitoring conducted during active STRAP activities.
**AQM Station 3**

1-minute average concentrations

Total Volatile Organic Compounds (TVOC) data is on the left axis and Respirable Dust (Particulate Matter less than 10 µm (PM10)) data is on the right axis.

**TVOCs**
- Average concentration: 0.02 ppmv
- Maximum concentration: 0.20 ppmv
- Action level: 1.0 ppmv

**PM10**
- Average concentration: 10.23 µg/m³
- Maximum concentration: 25.09 µg/m³
- Action level: 150 µg/m³

**Notes:**
1) Transient readings were conducted over a one minute time period. A reading is sustained if it is held for over a five minute time period.
2) The location of each AQM Station is presented on the attached summary figure.
3) Air quality monitoring performed in accordance with the May 12, 2017 Short Term Response Action Plan (STRAP), the October 11, 2017 STRAP Addendum (including Attachment N - Clarifications to the Proposed Air Monitoring Program for STRAP Activities) and the October 27, 2017 Short Term Response Action Approval Letter issued by RIDEM. Monitoring conducted during active STRAP activities.
Roving Air Monitoring Unit

3-minute average concentrations

Total Volatile Organic Compounds (TVOC) data is on the left axis and Respirable Dust (Particulate Matter less than 10 µm (PM10)) data is on the right axis.

- PM10 Action Level = 150 µg/m$^3$
- TVOC Action Level = 1.0 ppmv

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Constituent</th>
<th>Observed Range of Sustained Readings</th>
<th>Response Actions Performed</th>
<th>Data Summary Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TVOCs average concentration 0.15 ppm</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>TVOCs maximum concentration 0.70 ppm</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>TVOCs action level 1 ppm</td>
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<td></td>
<td></td>
<td>PM10 average concentration 16.73 µg/m$^3$</td>
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<td></td>
<td></td>
<td>PM10 maximum concentration 64 µg/m$^3$</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>PM10 action level 150 µg/m$^3$</td>
</tr>
</tbody>
</table>

Equipment Notes
None

Notes:
1) Transient readings were conducted over a three minute time period. A reading is sustained if it is held for over a five minute time period.
2) The location of each AQM location is presented on the attached summary figure. This graph depicts data collected by the roving unit.
3) Air quality monitoring performed in accordance with the May 12, 2017 Short Term Response Action Plan (STRAP), the October 11, 2017 STRAP Addendum (including Attachment N - Clarifications to the Proposed Air Monitoring Program for STRAP Activities) and the October 27, 2017 Short Term Response Action Approval Letter issued by RIDEM. Monitoring conducted during active STRAP activities.
REFERENCE NOTES:

1. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED IN FEBRUARY 2018.

2. SITE BOUNDARIES ARE APPROXIMATE.

3. PERIMETER AIR MONITORING PROGRAM CONDUCTED AS DESCRIBED IN THE MAY 12, 2017 SHORT TERM RESPONSE ACTION PLAN (STRAP) AND OCTOBER 11, 2017 STRAP ADDENDUM, WHICH WERE APPROVED BY RIDEM WITH THE OCTOBER 27, 2017 STRAP APPROVAL.