TRANSMITTAL

Date: 4/4/2022  Job No.: 03.0033554.04
Attention: Mr. Joseph Martella

To: Rhode Island Department of Environmental Management
   Office of Land Revitalization and Sustainable Materials
   Management
   235 Promenade Street
   Providence, Rhode Island 02908

Re: Liquefaction Facility Project
   STRAP Perimeter Air Quality Monitoring (AQM)
   121 Terminal Road/ 642 Allens Avenue
   Providence, Rhode Island
   Site Remediation File No. SR-28-1152

We are sending you:

☐ Shop Drawings  ☑ Attached  ☐ Change Order  ☐ Samples

☐ Copy of Letter  ☐ Prints  ☐ Plans  ☐ Specifications

☐ Under Separate Cover, the following Items:
   via:

How Shipped:

☑ Via Email  ☐ Courier  ☐ Regular Mail  ☐ Hand Delivered/Picked Up

Description
Air Quality Monitoring (AQM) Results –
Week of 03/28/2022 (03/28/2022, 03/29/2022, 03/30/2022, 03/31/2022, 04/01/2022 and 04/02/2022)

☐ AQM Station 1 Graph  ☐ AQM Station 4 Graph
☐ AQM Station 2 Graph  ☐ AQM Station 5 Graph
☐ AQM Station 3 Graph  ☐ AQM Station 6 Graph
☐ Summary Figure

THESE ARE TRANSMITTED as Checked Below:

☐ For Approval  ☐ Approved as Submitted  ☐ Resubmit Copies for Approval

☑ For Your Use  ☐ Approved as Noted  ☐ Submit Copies for Distribution

☐ As Requested  ☐ Returned for Corrections  ☐ Return Corrected Prints

☐ For Review and Comment

☐ FOR BIDS DUE:

☐ PRINTS RETURNED AFTER LOAN TO US

Comments:

Copy To:  Amy Willoughby - National Grid LNG LLC
          William Howard - National Grid LNG LLC
          Drew Shelby – National Grid LNG LLC
          Nikki Shattuck – National Grid LNG LLC

Signed:  Sara Haupt, P.E.
          Project Manager

If enclosures are not as noted, kindly notify us at once.
Date: 3/31/2022
Time: 15:28 to 15:37
TVOC Average Concentration: 0.02 ppm
TVOC Maximum Concentration: 2.59 ppm
PM10 Average Concentration: 11.61 µg/m³
PM10 Maximum Concentration: 139.00 µg/m³
PM10 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 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.

### Data Summary Statistics

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Response Actions Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOC</td>
<td>No actions taken because readings not related to site work.</td>
</tr>
<tr>
<td>PM10</td>
<td>No work conducted</td>
</tr>
</tbody>
</table>

### Equipment Notes
None
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Constituent</th>
<th>Observed Range of Sustained Readings</th>
<th>Response Actions Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Equipment Notes**

*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.
Prepared by GZA on behalf of National Grid LNG LLC
Liquefaction Facility Project - STRAP Perimeter Air Quality Monitoring (AQM)
121 Terminal Road / 642 Allens Avenue, Providence, Rhode Island

Date Time
None

Constituent Observed Range of Sustained Readings Response Actions Performed
None

Equipment Notes
None

Notes:
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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 4

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.

- **TVOC Action Level**: 1.0 ppmv
- **PM10 Action Level**: 150 µg/m³

### Data Summary Statistics

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Observed Range of Sustained Readings</th>
<th>Response Actions Performed</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOCs average concentration</td>
<td>0.03 ppm</td>
<td></td>
</tr>
<tr>
<td>TVOCs maximum concentration</td>
<td>0.72 ppm</td>
<td></td>
</tr>
<tr>
<td>TVOCs action level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM10 average concentration</td>
<td>6.96 µg/m³</td>
<td></td>
</tr>
<tr>
<td>PM10 maximum concentration</td>
<td>63.55 µg/m³</td>
<td></td>
</tr>
<tr>
<td>PM10 action level</td>
<td>150 µg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

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**AQM Station 5**

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.

**PM10 Action Level = 150 µg/m³**

**TVOC Action Level = 1.0 ppmv**

### Data Summary Statistics

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Data Summary Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOCs average concentration</td>
<td>0.03 ppm</td>
</tr>
<tr>
<td>TVOCs maximum concentration</td>
<td>0.28 ppm</td>
</tr>
<tr>
<td>TVOCs action level</td>
<td>1 ppm</td>
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<tr>
<td>PM10 average concentration</td>
<td>7.02 µg/m³</td>
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<tr>
<td>PM10 maximum concentration</td>
<td>37.06 µg/m³</td>
</tr>
<tr>
<td>PM10 action level</td>
<td>150 µg/m³</td>
</tr>
</tbody>
</table>

### Notes:

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### AQM Station 6

**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>None</td>
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<td></td>
<td></td>
<td></td>
<td>TVOCs average concentration</td>
</tr>
<tr>
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<td></td>
<td>TVOCs maximum concentration</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>TVOCs action level</td>
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<tr>
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<td></td>
<td></td>
<td>PM10 average concentration</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>PM10 maximum concentration</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PM10 action level</td>
</tr>
</tbody>
</table>

**Equipment Notes**

None

**Notes:**

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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.