TRANSMITTAL

GZA GeoEnvironmental, Inc.
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Providence, Rhode Island 02909
401.421.4140  (fax) 401.751.8613

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

Date: 1/3/2022   Job No. 03.0033554.04
Attention: Mr. Joseph Martella

We are sending you:
   [ ] Shop Drawings  [X] Attached  [ ] Change Order  [ ] Samples
   [ ] Copy of Letter  [ ] Prints  [ ] Plans  [ ] Specifications
   [ ] Under Separate Cover, the following Items:

How Shipped:
   [X] Via Email  [ ] Courier  [ ] Regular Mail  [ ] Hand Delivered/Picked Up

Description
Air Quality Monitoring (AQM) Results –
   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:

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   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: Sara Haupt, P.E.
        Project Manager

If enclosures are not as noted, kindly notify us at once.
AQM Station 1

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

<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>Monday, December 27, 2021</td>
<td>12:00 AM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday, December 28, 2021</td>
<td>6:00 AM</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Wednesday, December 29, 2021</td>
<td>12:00 PM</td>
<td></td>
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<td>Thursday, December 30, 2021</td>
<td>6:00 PM</td>
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<tr>
<td>Friday, December 31, 2021</td>
<td>12:00 AM</td>
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<td></td>
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</tr>
<tr>
<td>Saturday, January 1, 2022</td>
<td>6:00 PM</td>
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<tr>
<td>Sunday, January 2, 2022</td>
<td>12:00 AM</td>
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</tr>
</tbody>
</table>

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.

Data Summary Statistics

- TVOCs average concentration: 0.04 ppmv
- TVOCs maximum concentration: 0.65 ppmv
- TVOCs action level: 1 ppmv
- PM10 average concentration: 24.87 µg/m³
- PM10 maximum concentration: 56.52 µg/m³
- PM10 action level: 150 µg/m³
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

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

- TVOC Action Level = 1.0 ppmv
- PM10 Action Level = 150 µg/m³

TVOC Concentration (ppmv)
PM10 (respirable dust) Concentration (µg/m³)

12/28/2021, 11:42 to 11:46, 1.01 to 1.10 ppmv. Readings related to equipment error. Readings were not sustained. Prevailing winds were from the east-north east. GZA re-calibrated the station which eliminated the error.

12/31/2021, 7:14 to 7:17, 1.16 to 1.46 ppmv. Readings not related to ongoing site work. Readings were not sustained. Prevailing winds were from the south-southwest. No actions taken because readings were not related to site work.

No Work Conducted

Data Summary Statistics

<table>
<thead>
<tr>
<th>Constituent</th>
<th>TVOCs average concentration</th>
<th>TVOCs maximum concentration</th>
<th>TVOCs action level</th>
<th>PM10 average concentration</th>
<th>PM10 maximum concentration</th>
<th>PM10 action level</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>0.03 ppm</td>
<td>1.46 ppm</td>
<td>0.50 ppm</td>
<td>21.02 µg/m³</td>
<td>48.4 µg/m³</td>
<td>150 µg/m³</td>
</tr>
</tbody>
</table>

Notes:
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Liquefaction Facility Project -
STRAP Perimeter Air Quality Monitoring (AQM)
121 Terminal Road / 642 Allens Avenue, Providence, Rhode Island

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.

<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>None</td>
</tr>
</tbody>
</table>

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.
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Data Summary Statistics:
- TVOCs average concentration: 0.03 ppm
- TVOCs maximum concentration: 0.77 ppm
- TVOCs action level: 1 ppm
- PM10 average concentration: 15.39 µg/m³
- PM10 maximum concentration: 40.89 µg/m³
- PM10 action level: 150 µg/m³
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

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
Constituent
Observed Range of Sustained Readings
Response Actions Performed

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.

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Data Summary Statistics

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>TVOCs average concentration</td>
<td>0.01 ppm</td>
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<tr>
<td>TVOCs maximum concentration</td>
<td>0.23 ppm</td>
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<tr>
<td>TVOCs action level</td>
<td>1 ppm</td>
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<tr>
<td>PM10 average concentration</td>
<td>28.81 µg/m³</td>
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<tr>
<td>PM10 maximum concentration</td>
<td>56.05 µg/m³</td>
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<tr>
<td>PM10 action level</td>
<td>150 µg/m³</td>
</tr>
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</table>
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.

TVOC Action Level = 1.0 ppmv
PM10 Action Level = 150 µg/m³

No Work Conducted

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.

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<tr>
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<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>TVOCs average concentration 0.04 ppm</td>
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<td>PM10 maximum concentration 22.69 µg/m³</td>
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<td>PM10 average concentration 47.58 µg/m³</td>
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<td>PM10 maximum concentration 150 µg/m³</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PM10 action level 150 µg/m³</td>
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</tr>
</tbody>
</table>

Data Summary Statistics

TVOCs average concentration 0.04 ppm
PM10 maximum concentration 22.69 µg/m³
TVOCs action level 1 ppm
PM10 average concentration 47.58 µg/m³
PM10 maximum concentration 150 µg/m³
PM10 action level 150 µg/m³
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.