TRANSMITTAL

GZA GeoEnvironmental, Inc.
188 Valley Street, Suite 300
Providence, Rhode Island 02909
401.421.4140 (fax) 401.751.8613

Date: 02/22/2021  Job No. 03.0033554.04
Attention: Mr. Joseph Martella

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

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

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 –
Week of 02/15/2021 (02/16/2021, 02/17/2021, 02/18/2021, and 02/19/2021)

<table>
<thead>
<tr>
<th>AQM Station 1 Graph</th>
<th>AQM Station 4 Graph</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQM Station 2 Graph</td>
<td>AQM Station 5 Graph</td>
</tr>
<tr>
<td>AQM Station 3 Graph</td>
<td>AQM Station 6 Graph</td>
</tr>
<tr>
<td>Summary Figure</td>
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</tr>
</tbody>
</table>

THESE ARE TRANSMITTED as Checked Below:

<table>
<thead>
<tr>
<th>For Approval</th>
<th>Approved as Submitted</th>
<th>Resubmit Copies for Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>X For Your Use</td>
<td>Approved as Noted</td>
<td>Submit Copies for Distribution</td>
</tr>
<tr>
<td>As Requested</td>
<td>Returned for Corrections</td>
<td>Return Corrected Prints</td>
</tr>
<tr>
<td>For Review and Comment</td>
<td></td>
<td>PRINTS RETURNED AFTER LOAN TO US</td>
</tr>
</tbody>
</table>

FOR BIDS DUE:

Comments:

Copy To: Amy Willoughby - National Grid LNG LLC
         William Howard - National Grid LNG LLC
Signed: Sara Haupt, P.E.
       Assistant Project Manager

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

TVOCs average concentration 0.06 ppm
TVOCs maximum concentration 0.86 ppm
TVOCs action level 1 ppm
PM10 average concentration 5.53 µg/m³
PM10 maximum concentration 20.81 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 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.

Notes:
None
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

2/16/2021, 08:16 to 08:30, 1.00 to 1.51 ppmv. Readings not attributed to ongoing site work. Readings were sustained. Prevailing winds were from the Southwest of the project site. Sewage like odors noted. Contractor was not performing earthwork at the time of exceedance. No actions taken because the readings were not attributed to site work.

2/16/2021, 13:44 to 13:47, 1.01-1.11 ppmv. Prevailing winds were Northeast of the project site. Readings not attributed to on-going site work. Readings were not sustained. No odors noted. Contractor was not performing earthwork at the time of exceedance. No actions taken because the readings were not attributed to site work.

2/18/2021, 13:35 to 13:39, 1.00-1.15 ppmv. Prevailing winds were South of the project site. Readings not attributed to on-going site work. Readings were not sustained. No odors noted. Contractor was not performing earthwork at the time of exceedance. No actions taken because the readings were not attributed to site work.

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

2/16/2021, 08:17 to 08:43, 1.15 to 2.63 ppmv. Readings not attributed to ongoing site work. Readings were sustained. Prevailing winds were from the Southwest of the project site. Sewage-like odors noted. Contractor was not performing earthwork at the time of exceedance. No actions taken because the readings were not attributed to site work.

No Work conducted

PM10 Dust Action Level = 150 µg/m³

TVOC Action Level = 1.0 ppmv

PM10 Dust Action Level = 150 µg/m³

TVOC Action Level = 1.0 ppmv

PM10 Dust 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.

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.

Date Time Constituent Observed Range of Sustained Readings Response Actions Performed Data Summary Statistics
02/16/2021 08:17 to 08:43 TVOC 1.15 to 2.63 ppmv No actions taken because the readings were not attributed to site work TVOCs average concentration 0.08 ppm
TVOCs maximum concentration 2.63 ppm
TVOCs action level 1 ppm
PM10 average concentration 5.59 µg/m³
PM10 maximum concentration 19.52 µg/m³
PM10 action level 150 µg/m³

Equipment Notes
None
**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.

<table>
<thead>
<tr>
<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>
</tr>
</tbody>
</table>

**Data Summary Statistics**

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Observed Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOCs average concentration</td>
<td>0.13 ppm</td>
</tr>
<tr>
<td>TVOCs maximum concentration</td>
<td>0.92 ppm</td>
</tr>
<tr>
<td>TVOCs action level</td>
<td>1 ppm</td>
</tr>
<tr>
<td>PM10 average concentration</td>
<td>6.47 µg/m³</td>
</tr>
<tr>
<td>PM10 maximum concentration</td>
<td>19.14 µg/m³</td>
</tr>
<tr>
<td>PM10 action level</td>
<td>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.
Date       Time       Constitutent       Observed Range of Sustained Readings       Response Actions Performed
None

Data Summary Statistics
TVOCs average concentration 0.04 ppm
TVOCs maximum concentration 0.77 ppm
TVOCs action level 1 ppm
PM10 average concentration 12.18 µg/m³
PM10 maximum concentration 32.70 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 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 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

PM10 Action Level = 150 µg/m³
TVOC Action Level = 1.0 ppmv
No Earthwork Conducted
No Work conducted

Monday, February 15, 2021
Tuesday, February 16, 2021
Wednesday, February 17, 2021
Thursday, February 18, 2021
Friday, February 19, 2021
Saturday, February 20, 2021
Sunday, February 21, 2021

TVOC Concentration (ppmv)
PM10 (respirable dust) Concentration (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>None</td>
<td></td>
<td></td>
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</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.
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Data Summary Statistics

<table>
<thead>
<tr>
<th>TVOCs average concentration</th>
<th>0.07 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOCs maximum concentration</td>
<td>0.96 ppm</td>
</tr>
<tr>
<td>TVOCs action level</td>
<td>1.0 ppm</td>
</tr>
<tr>
<td>PM10 average concentration</td>
<td>11.49 µg/m³</td>
</tr>
<tr>
<td>PM10 maximum concentration</td>
<td>39.92 µg/m³</td>
</tr>
<tr>
<td>PM10 action level</td>
<td>150 µg/m³</td>
</tr>
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</table>
LEGEND:

- 642 ALLENS AVENUE FORMER MGP SITE
- PROJECT WORK SITE
- STRAP AREA (LIMITS OF GROUNDWATER AND SOIL DISTURBANCE)
- AIR QUALITY MONITORING (AQM) STATION

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.

Summary Figure
Week of 02-15-2021

NATIONAL GRID LIQUEFACTION FACILITY
PERIMETER AIR MONITORING PROGRAM
PROVIDENCE, RHODE ISLAND

Weather Station
AQM Station 2
AQM Station 3
AQM Station 4
AQM Station 5
AQM Station 6
AQM Station 1