TRANSMITTAL

Date: 10/19/2020  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

We are sending you:

<table>
<thead>
<tr>
<th>Description</th>
<th>Attached</th>
<th>Change Order</th>
<th>Samples</th>
<th>Copy of Letter</th>
<th>Prints</th>
<th>Plans</th>
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How Shipped:

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Description
Air Quality Monitoring (AQM) Results – Week of 10/12/2020 (10/13/2020, 10/14/2020, 10/15/2020, 10/16/2020, and 10/17/2020)
AQM Station 1 Graph
AQM Station 2 Graph
AQM Station 3 Graph
AQM Station 4 Graph
AQM Station 5 Graph
AQM Station 6 Graph
Summary Figure

THESE ARE TRANSMITTED as Checked Below:

<table>
<thead>
<tr>
<th>For Approval</th>
<th>Approved as Submitted</th>
<th>Resubmit Copies for Approval</th>
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<td>Return Corrected Prints</td>
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<td>For Review and Comment</td>
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<td>PRINTS RETURNED AFTER LOAN TO US</td>
</tr>
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</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
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

<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>
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Data Summary Statistics

<table>
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<tr>
<th>Constituent</th>
<th>Value</th>
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<tbody>
<tr>
<td>TVOCs average concentration</td>
<td>0.06 ppmv</td>
</tr>
<tr>
<td>TVOCs maximum concentration</td>
<td>1.53 ppmv</td>
</tr>
<tr>
<td>TVOCs action level</td>
<td>1 ppmv</td>
</tr>
<tr>
<td>PM10 average concentration</td>
<td>8.20 µg/m³</td>
</tr>
<tr>
<td>PM10 maximum concentration</td>
<td>47.00 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.
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

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**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

**Date** | **Time** | **Constituent** | **Observed Range of Sustained Readings** | **Response Actions Performed** | **PM10 Action Level** = 150 µg/m³
--- | --- | --- | --- | --- | ---
10/15/2020 | 07:50-07:58 | TVOC | 1.02-1.55 ppmv | No actions taken because the readings were not attributed to site work. | 

**Equipment Notes**
None

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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.

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.
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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.

AQM Station 4
1-minute average concentrations

TVOC Concentration (ppmv)
0.000 0.500 1.000 1.500 2.000
PM10 Dust Concentration (µg/m³)
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
No Work Conducted

10/15/2020, 07:42 to 07:44, 1.01-1.02 ppmv. Readings not attributed to ongoing site work. Readings were not sustained. Prevailing winds were from the South of the project site. No odors noted.

Notes:
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Date
Time
None

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<th>Response Actions Performed</th>
<th>Data Summary Statistics</th>
</tr>
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<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td>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</td>
<td>No Work Conducted</td>
<td>TVOCs average concentration</td>
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<tr>
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<td>TVOCs maximum concentration</td>
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<td>PM10 action level</td>
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</tbody>
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Equipment Notes
None

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

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.
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.