GZA GeoEnvironmental, Inc. 188 Valley Street, Suite 300			TRANSMITTAL		
	ence, Rhode Island 02909 1.4140 (fax) 401.751.8613		Date: 12/23/19 Attention: Mr. Joseph M	Job No. 03.0033554.04 1artella	
	()				
То:	Rhode Island Department of Env	vironmental Management	Re: Liquefaction Facility	Project	
	Office of Waste Management			r Quality Monitoring (AQM)	
-	235 Promenade Street		121 Terminal Road/	, ,	
_	Providence, Rhode Island 02908		Providence, Rhode		
-			Site Remediation Fi		
Ve ar <u>e</u>	e sending you:				
Ve are	Shop Drawings Copy of Letter	X Attached Prints	Change Order	Samples Specifications	
Ve are	Shop Drawings	Prints			
	Shop Drawings Copy of Letter Under Separate Cover, the f	Prints	Plans		
	Shop Drawings Copy of Letter Under Separate Cover, the f	Prints	Plans		
L Iow Shi	Shop Drawings Copy of Letter Under Separate Cover, the f ipped: Via Email	following Items:	Plans via:	Specifications	
low Shi X Descrij Air Qua	Shop Drawings Copy of Letter Under Separate Cover, the f ipped: Via Email ption ality Monitoring (AQM) Results –	following Items:	Plans via: Regular Mail	Specifications	
ow Shi X Descrij Air Qua	Shop Drawings Copy of Letter Under Separate Cover, the f ipped: Via Email ption ality Monitoring (AQM) Results – of 12/16/19 (12/16/19, 12/17/19	following Items:	Plans via: Regular Mail	Specifications	
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low Shi X Descrij Air Qua	Shop Drawings Copy of Letter Under Separate Cover, the f ipped: Via Email ption ality Monitoring (AQM) Results – of 12/16/19 (12/16/19, 12/17/19 AQM Station 1 Graph AQM Station 2 Graph	following Items:	Plans via: Regular Mail	Specifications	
low Shi X Descrij Air Qua	Shop Drawings Copy of Letter Under Separate Cover, the f ipped: Via Email ption ality Monitoring (AQM) Results – of 12/16/19 (12/16/19, 12/17/19 AQM Station 1 Graph	Prints Following Items: Courier 0, 12/18/19, 12/19/19, 12/20/1	Plans via: Regular Mail	Specifications	

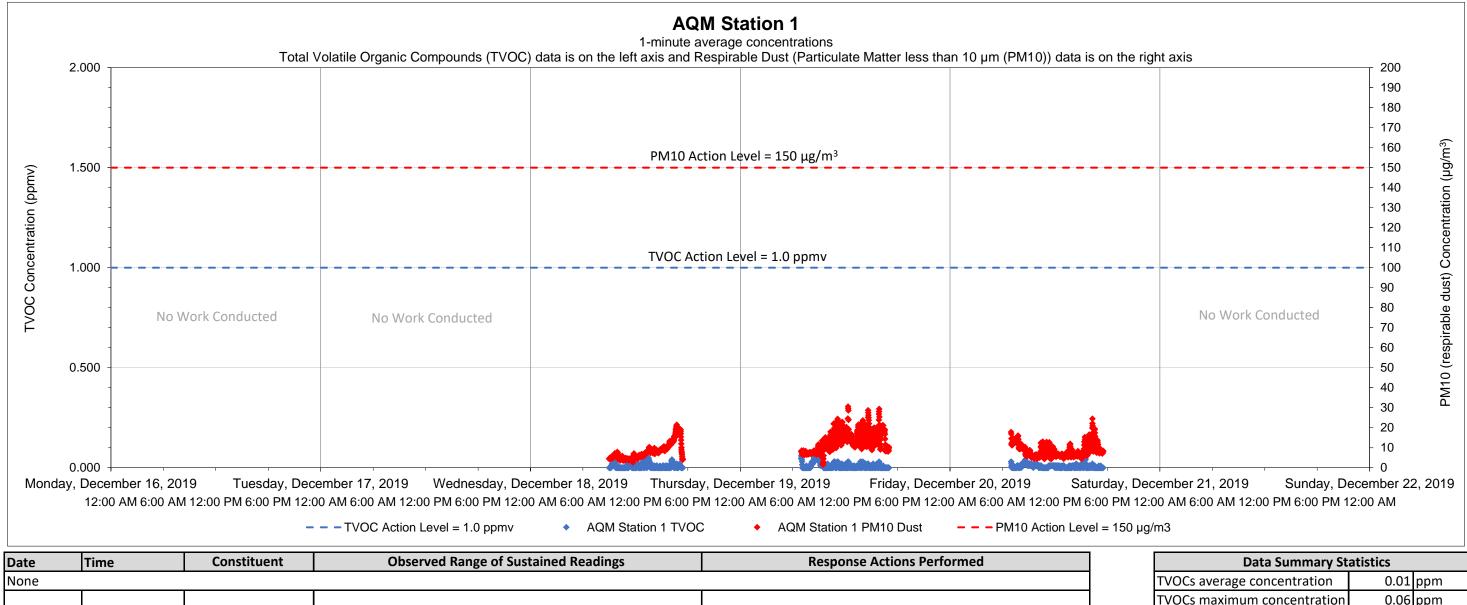
THESE ARE TRANSMITTED as Checked Below:

	For Approval	Approved as Submitted	Resubmit Copies for Approval
Х	For Your Use	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
 Signed:
 Sophia Narkiewicz, P.E.

 William Howard - National Grid LNG LLC
 Project Manager



Equipment Notes
None

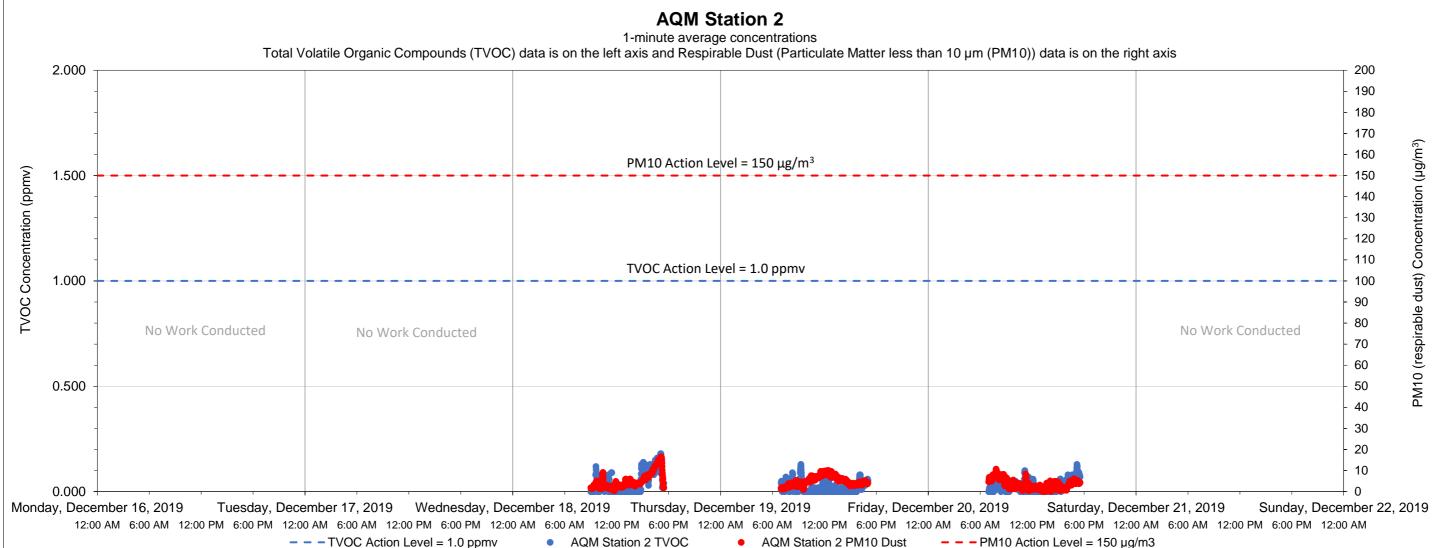
Notes:

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.

Data Summary Statistics		
TVOCs average concentration	0.01	ppm
TVOCs maximum concentration	0.06	ppm
TVOCs action level	1	ppm
PM10 average concentration	10.00	µg/m³
PM10 maximum concentration	30.58	µg/m³
PM10 action level	150	µg/m³



Date	Time	Constituent	Observed Range of Sustained Readings	Response Actions Performed	Data Summary Statistics	
None					TVOCs average concentration	0.03 ppm
					TVOCs maximum concentration	0.18 ppm
					TVOCs action level	1 ppm
					PM10 average concentration	4.48 μg/m ³
Equipment Notes			PM10 maximum concentration	16.51 μg/m ³		
None			PM10 action level	150 μg/m ³		

Equipment Notes	ľ
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.

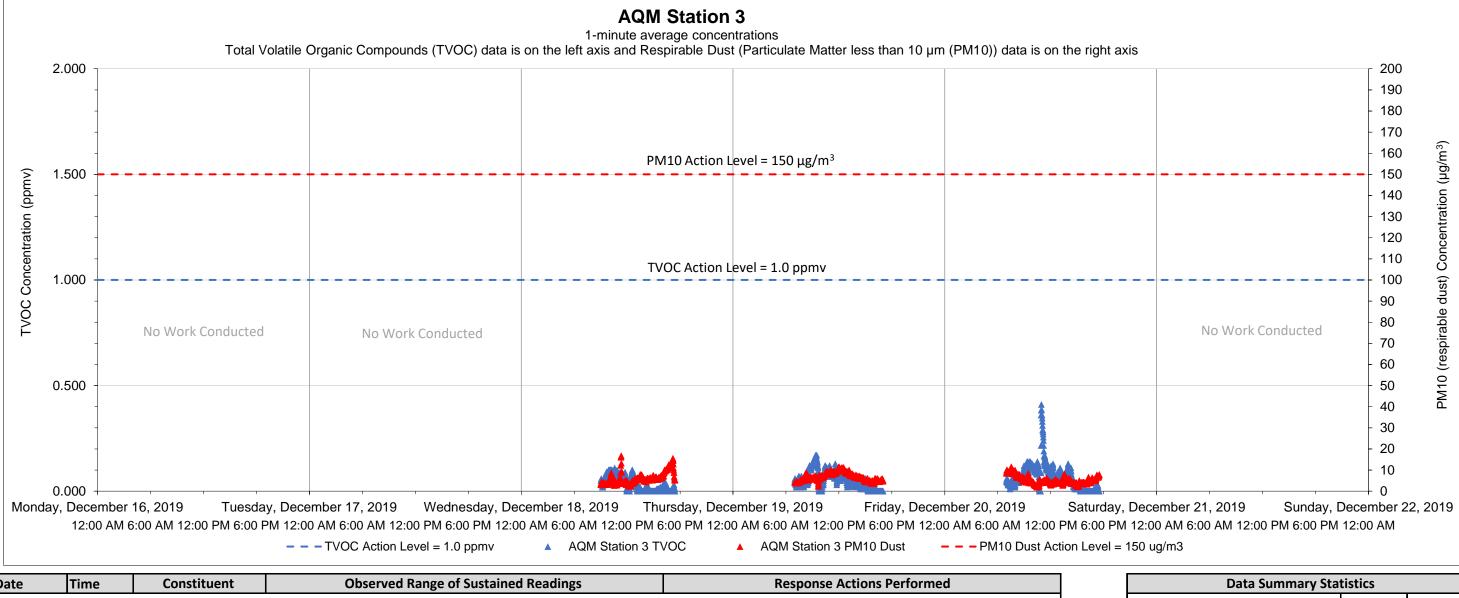
2) The location of each AQM Station is presented on the attached summary figure.

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



Date	Time	Constituent	Observed Range of Sustained Readings	Response Actions Performed
None				

Equipment Notes	
None	

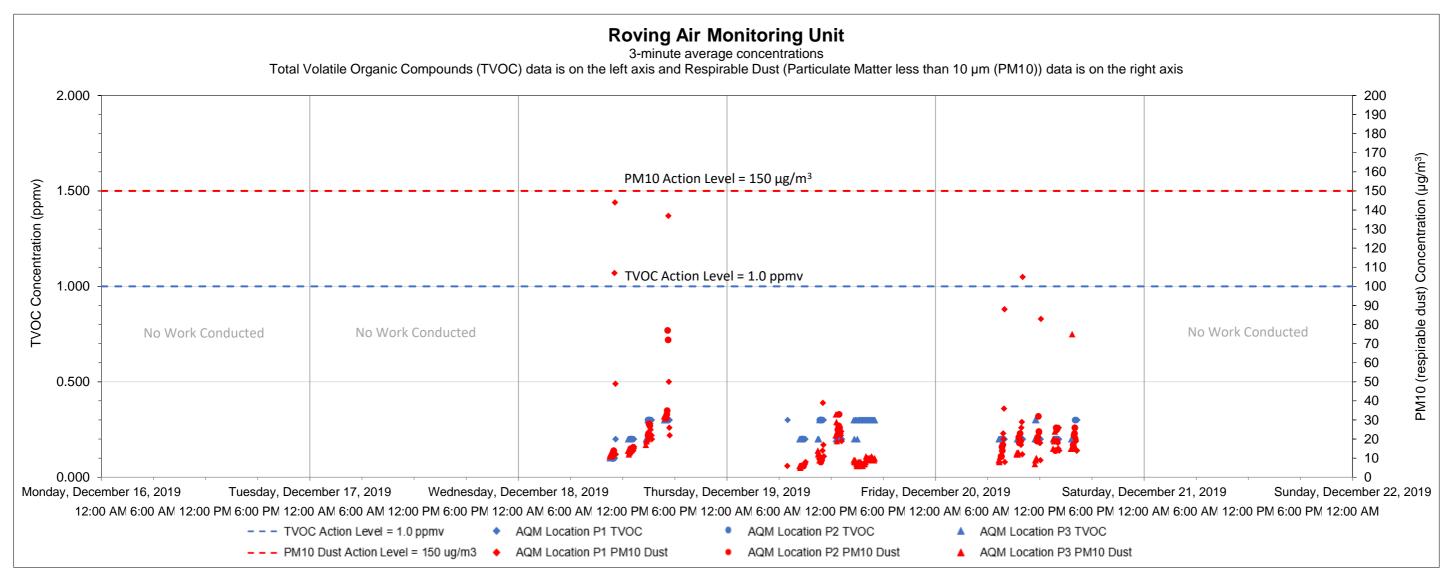
Notes:

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.

Data Summary Statistics		
TVOCs average concentration	0.05	ppm
TVOCs maximum concentration	0.41	ppm
TVOCs action level	1	ppm
PM10 average concentration	5.98	µg/m³
PM10 maximum concentration	16.79	µg/m³
PM10 action level	150	µg/m³



Date	Time	Constituent	Observed Range of Sustained Readings	Response Actions Performed	Data Summary St	atistics
None					TVOCs average concentration	0.23 ppm
					TVOCs maximum concentration	0.30 ppm
					TVOCs action level	1 ppm
					PM10 average concentration	18.90 µg/m ³
Equipme	Equipment Notes			PM10 maximum concentration	144 µg/m ³	
None			PM10 action level	150 μg/m ³		

Equipment Notes	ΡN
None	ΡN

Notes:

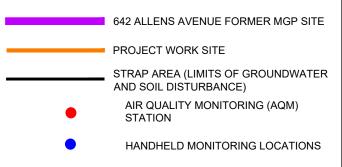
1) Transient readings were conducted over a three minute time period. A reading is sustained if it is held for over a five minute time period.

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.

DESIGNATED REPRESENTATIVE FOR THE SPECIFIC DRAWING SHALL NOT BE TRANSFERRED, REUSED OTHER LOCATION OR FOR ANY OTHER PURPO	OLELY FOR USE BY NATIONAL GRID OR THE NATIONAL GRID'S PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY SE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA AND FICATION TO THE DRAWING BY OTHERS, WITHOUT THE PRIOR	
NATIONAL GRID LIQUEFACTION FACILITY PERIMETER AIR MONITORING PROGRAM PROVIDENCE, RHODE ISLAND		
Summary Figure Week of 12-16-19		
PREPARED BY: CZA GeoEnvironmental, I Engineers and Scientists www.gza.com		
	ISK CHECKED BY: MSK FIGURE DT SCALE: AS NOTED REVISION NO	

SHEET NO.