Robert J. Humm
Senior Counsel

September 15, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: Docket 4708 - 2017 Distribution Adjustment Charge
Responses to Division Data Requests – Set 1

Dear Ms. Massaro:

Enclosed please find 10 copies of National Grid's[1] responses to the first set of data requests issued by the Rhode Island Division of Public Utilities and Carriers in the above-referenced docket.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,

Robert J. Humm

Enclosures

cc: Docket 4708 Service List
Leo Wold, Esq.
Steve Scialabba, Division
Bruce Oliver, Division

[1] The Narragansett Electric Company d/b/a National Grid.

280 Melrose Street, Providence, RI 02907
T: 401-784-7415 ■ robert.humm@nationalgrid.com ■ www.nationalgrid.com

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

September 15, 2017
Date

Docket No. 4708 – National Grid –2017 Annual Distribution Adjustment Charge Filing (DAC) - Service List as of 8/2/17

Name/Address	E-mail	Phone
Robert Humm, Esq. National Grid 280 Melrose St. Providence, RI 02907	Robert.Humm@nationalgrid.com; Celia.obrien@nationalgrid.com; Joanne.scanlon@nationalgrid.com;	401-784-7415
Ann Leary William R. Richer Melissa Little National Grid	Ann.Leary@nationalgrid.com; William.richer@nationalgrid.com; Melissa.Little@nationalgrid.com; John.Currie@nationalgrid.com;	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	LWold@riag.ri.gov; dmacrae@riag.ri.gov; Jmunoz@riag.ri.gov;	401-274-4400 Ext. 2218
Steve Scialabba Division of Public Utilities & Carriers	Steve.scialabba@dpuc.ri.gov; Al.mancini@dpuc.ri.gov;	
Bruce Oliver Tim Oliver Revilo Hill Associates 7103 Laketree Drive Fairfax Station, VA 22039	Boliver.rha@verizon.net; timoliver@revilohill.com;	703-569-6480
David Effron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	Djeffron@aol.com;	603-964-6526
File an original & nine (9) copies w/: Luly E. Massaro, Commission Clerk	Luly.massaro@puc.ri.gov; Patricia.lucarelli@puc.ri.gov;	401-780-2107

Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Sharon.ColbyCamara@puc.ri.gov; Todd.bianco@puc.ri.gov; Margaret.hogan@puc.ri.gov;	

Division 1-1

Request:

Re: The 642 Allens Avenue project, please:

a. Provide the results of the Company's semi-annual groundwater/non-aqueous phase liquid gauging and groundwater sampling for each semi-annual gauging for the over the five-year period ended March 31, 2017;

b. Identify the costs of maintaining the boom in the Providence River over the last year (i.e., April 1, 2016 through March 31, 2017);

c. Identify the costs associated with stockpile management and disposal;

d. Identify the number of and costs for the closure of the groundwater monitoring wells.

e. Identify the costs associated with the Holder 18/21 capping project for:
   i. Construction Oversight;
   ii. Health and safety monitoring;

Response:

a. The results of the Company's semi-annual groundwater/non-aqueous phase liquid gauging and groundwater sampling for each semi-annual gauging for the five-year period ending March 31, 2017 are included as Attachment DIV 1-1a.

b. Costs of maintaining the boom in the Providence River between April 1, 2016 and March 31, 2017 totaled $21,702.84 ($20,671.77 for Clean Harbors Environmental Services, Inc. (Clean Harbors) and $1,031.07 for GZA GeoEnvironmental, Inc. (GZA)).

c. No expenses related to stockpile management and disposal were incurred for the reporting period.

d. Seven groundwater monitoring wells were closed at a cost of $28,858.33.

Division 1-1, page 2

e. Costs associated with the Holder 18/21 capping project included the following:
    i. Construction oversight: $134,110.74; and
    ii. Health and safety monitoring: $62,000.00.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	July 2012								February 2013							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP																
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP																
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP																
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP																
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	6.41	-	15.41	5.41	NP	NP	5.41	-	6.69	-	15.4	5.13	NP	NP	5.13
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	-	7.91	trace	17.55	3.53	NP	trace	3.53	-	9.25	trace	17.65	2.19	NP	trace	2.19
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP	-	6.95	-	14.95	6.09	NP	NP	6.09	-	6.95	-	15	6.09	NP	NP	6.09
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP	-	7.21	-	15.07	4.40	NP	NP	4.40	-	5.81	-	15.05	5.80	NP	NP	5.80
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP	-	9.03	-	15.2	3.72	NP	NP	3.72	-	8.71	-	15.3	4.04	NP	NP	4.04
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP	-	8.32	-	18.05	5.74	NP	NP	5.74	-	8.4	-	18	5.66	NP	NP	5.66
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP	-	7.38	-	14.8	6.06	NP	NP	6.06	-	6.87	-	14.85	6.57	NP	NP	6.57
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	4.81	-	10.85	5.52	NP	NP	5.52	-	4.88	-	10.88	5.45	NP	NP	5.45
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	-	6.49	-	9.11	5.47	NP	NP	5.47	-	4.97	-	9.4	6.99	NP	NP	6.99
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP	-	8.61	-	12.7	4.32	NP	NP	4.32	-	7.38	-	12.25	5.55	NP	NP	5.55
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP	-	9.46	-	14.91	4.27	NP	NP	4.27	-	9.38	-	14.9	4.35	NP	NP	4.35
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	12.45	12.47	-	17.16	6.63	0.02	NP	6.65	-	12.81	-	17.15	6.29	NP	NP	6.29
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP	-	9.21	-	17	6.14	NP	NP	6.14	-	9.23	-	17	6.12	NP	NP	6.12
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	9.31	9.32	-	16.63	4.33	0.01	NP	4.33	8.56	8.57	-	17.3	5.08	0.01	NP	5.08
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP	8.82	8.86	-	17.31	4.16	0.04	NP	4.19	-	8.88	-	17.8	4.14	NP	NP	4.14
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP	-	9.44	-	17.85	3.36	NP	NP	3.36	8.21	8.22	-	17.8	4.58	0.01	NP	4.58
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP	-	7.89	-	10.5	5.05	NP	NP	5.05	-	6.86	-	10.3	6.08	NP	NP	6.08
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP	-	10.57	-	10.61	3.70	NP	NP	3.70	trace	10.42	-	16.3	3.85	trace	NP	3.85
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	-	5.75	-	9.14	3.92	NP	NP	3.92	-	4.15	-	9.35	5.52	NP	NP	5.52
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP	-	5.9	-	11.6	8.16	NP	NP	8.16	-	5.25	-	10	8.81	NP	NP	8.81
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP																
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP																
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP																
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP																
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP																
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP																
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP																
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP																
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP																
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP																
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP																
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP																
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP																
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP																
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP																
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP																

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

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642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	July 2012								February 2013							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	-	10.44	-	13.45	1.83	NP	NP	1.83	-	10.59	-	13.55	1.68	NP	NP	1.68
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP	-	10.65	-	17.2	0.01	NP	NP	0.01	-	11.21	-	17.26	-0.55	NP	NP	-0.55
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP	-	9.1	-	11.07	3.85	NP	NP	3.85	-	8.83	-	14.35	4.12	NP	NP	4.12
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	11.17	12.82	-	14.35	0.90	1.65	NP	2.30	11.41	12.85	-	14.35	0.87	1.44	NP	2.10
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP	-	9.69	-	13.05	3.23	NP	NP	3.23	-	9.77	-	13.2	3.15	NP	NP	3.15
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP	-	12.08	-	17.7	3.30	NP	NP	3.30	-	12.28	-	17.75	3.10	NP	NP	3.10
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP	11.50	11.61	-	14.45	1.84	0.11	NP	1.84	trace	11.98	-	14.45	1.47	trace	NP	1.47
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP	-	10.75	-	16.01	1.41	NP	NP	1.41	-	9.98	-	12.9	2.18	NP	NP	2.18
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP	-	8.08	-	13.2	1.59	NP	NP	1.59	-	8.51	-	13.3	1.16	NP	NP	1.16
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP	-	7.1	-	13.55	7.99	NP	NP	7.99	-	6.75	-	13.55	8.34	NP	NP	8.34
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP	-	10.24	-	14.1	0.27	NP	NP	0.27	-	11.62	-	14.07	-1.11	NP	NP	-1.11
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP	-	8.48	-	16.7	0.88	NP	NP	0.88	-	9.05	-	16.7	0.31	NP	NP	0.31
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP	-	9.85	-	14.65	4.01	NP	NP	4.01	-	9.86	-	14.75	4.00	NP	NP	4.00
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP	trace	10.47	-	16.8	1.77	trace	NP	1.77	trace	10.85	-	16.8	1.39	trace	NP	1.39
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP	-	10.5	-	15.84	2.22	NP	NP	2.22	-	10.71	-	15.85	2.01	NP	NP	2.01
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	8.91	-	17.05	6.07	NP	NP	6.07	-	9.12	-	17.2	5.86	NP	NP	5.86
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP	-	12.31	-	17.92	1.99	NP	NP	1.99	-	12.71	-	17.9	1.59	NP	NP	1.59
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP	trace	11.4	-	12.4	1.68	trace	NP	1.68	trace	11.77	-	12.5	1.31	trace	NP	1.31
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP	-	12.08	-	13.8	2.24	NP	NP	2.24	-	12.4	-	13.8	1.92	NP	NP	1.92
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP	-	6.59	-	8.46	NS	NP	NP	NS	-	5.27	-	8.55	NS	NP	NP	NS
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP	-	8.18	-	11.1	NS	NP	NP	NS	-	8.39	-	11.2	NS	NP	NP	NS
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP	-	13.36	-	16.8	2.67	NP	NP	2.67	-	13.68	-	16.85	2.35	NP	NP	2.35
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP	-	13.14	-	15	2.64	NP	NP	2.64	-	13.44	-	15.05	2.34	NP	NP	2.34
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP	-	13.44	-	17.05	2.70	NP	NP	2.70	-	13.74	-	17.05	2.40	NP	NP	2.40
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP	-	14.86	-	17.1	2.66	NP	NP	2.66	-	15.16	-	17.15	2.36	NP	NP	2.36
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP																
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP	-	7.7	-	20.05	1.83	NP	NP	1.83	-	8.98	-	20.10	0.55	NP	NP	0.55
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP	-	9.49	-	17.43	3.34	NP	NP	3.34	-	9.62	-	17.42	3.21	NP	NP	3.21
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP	-	7.72	-	17.68	3.89	NP	NP	3.89	-	7.22	-	17.65	4.39	NP	NP	4.39
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP																
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP																
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP																
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP																
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP																

Notes

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Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
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Providence, Rhode Island

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		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP									-	9.82	-	14.7	7.51	NP	NP	7.51
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP									-	10.87	-	29.7	6.46	NP	NP	6.46
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP									-	9.42	-	14.7	7.25	NP	NP	7.25
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP									-	9.35	-	29.5	7.24	NP	NP	7.24
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	7.19	-	15.45	4.63	NP	NP	4.63	-	6.32	-	15.5	5.50	NP	NP	5.50
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	-	9.44	trace	17.7	2.00	NP	trace	2.00	-	8.82	Trace	17.8	2.62	NP	Trace	2.62
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP	-	7.41	-	14.72	5.63	NP	NP	5.63	-	6.44	-	15	6.60	NP	NP	6.60
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP	Well pinched - can not gauge								Well pinched - able to sample - can not gauge							
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP	-	9.76	-	15.35	2.99	NP	NP	2.99	-	8.42	-	15.3	4.33	NP	NP	4.33
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP	-	8.77	-	18	5.29	NP	NP	5.29	-	7.92	-	17.97	6.14	NP	NP	6.14
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP	-	8.2	-	14.9	5.24	NP	NP	5.24	-	7.07	-	14.8	6.37	NP	NP	6.37
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	4.81	-	10.9	5.52	NP	NP	5.52	-	4.55	-	11.5	5.78	NP	NP	5.78
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	-	6.54	-	9.5	5.42	NP	NP	5.42	-	5.01	-	10.1	6.95	NP	NP	6.95
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP	-	9.48	-	13.8	3.45	NP	NP	3.45	-	8.08	-	12.45	4.85	NP	NP	4.85
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP	-	10.07	-	15	3.66	NP	NP	3.66	-	8.94	-	15.1	4.79	NP	NP	4.79
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	13.24	13.25	-	15.2	5.85	0.01	NP	5.86	Trace	12.08	-	18	7.02	Trace	NP	6.08
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP	-	9.62	-	16.74	5.73	NP	NP	5.73	-	8.91	-	17	6.44	NP	NP	6.44
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	trace	10.26	-	16.6	3.39	trace	NP	3.39	-	8.86	-	18.5	4.79	NP	NP	4.79
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP	10.35	10.36	-	17.8	2.66	0.01	NP	2.67	Trace	8.51	-	17.3	4.51	Trace	NP	4.51
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP	-	9.86	-	17.3	2.94	NP	NP	2.94	9.22	9.25	-	17.8	3.55	0.03	NP	3.57
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP	-	8.97	-	10.5	3.97	NP	NP	3.97	-	7.13	-	11.3	5.81	NP	NP	5.81
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP	-	11.22	-	16.2	3.05	NP	NP	3.05	-	9.98	-	16.3	4.29	NP	NP	4.29
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	-	5.78	-	9.5	3.89	NP	NP	3.89	-	4.26	-	9.3	5.41	NP	NP	5.41
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP									-	6.74	-	13.75	7.32	NP	NP	7.32
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP									-	6.55	-	15.2	6.73	NP	NP	6.73
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP									-	6.18	-	29.7	6.95	NP	NP	6.95
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP									-	6.55	-	29.7	5.40	NP	NP	5.40
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP									-	6.8	-	14.15	4.84	NP	NP	4.84
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP									-	6.59	-	14.9	4.90	NP	NP	4.90
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP									-	4.73	-	14.15	5.45	NP	NP	5.45
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP									-	1.79	-	11.58	7.17	NP	NP	7.17
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP									-	4.44	-	29.9	5.39	NP	NP	5.39
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP									-	7.07	-	32.7	5.75	NP	NP	5.75
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP									-	5.82	-	15.12	4.76	NP	NP	4.76
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP									-	5.07	-	32.75	5.72	NP	NP	5.72
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP									-	8.17	-	38.2	3.47	NP	NP	3.47
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP									-	9.12	-	36.5	4.36	NP	NP	4.36
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP									-	11.8	-	33.1	7.14	NP	NP	7.14
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP																
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP																

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	November 2013								June 2014							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	-	10.77	-	13.45	1.50	NP	NP	1.50	-	10.39	-	17.4	1.88	NP	NP	1.88
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP	-	10.61	-	17.2	0.05	NP	NP	0.05	Well covered with gravel - can not gauge							
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP	-	10.27	-	11.03	2.68	NP	NP	2.68	-	9.09	-	14.2	3.86	NP	NP	3.86
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	12.26	14.17	-	14.35	-0.45	1.91	NP	1.17	11.04	11.95	-	14.63	1.77	0.91	NP	2.54
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP	-	10.3	-	13.05	2.62	NP	NP	2.62	-	9.75	-	13	3.17	NP	NP	3.17
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP	-	12.46	-	17.48	2.92	NP	NP	2.92	-	11.84	-	17.8	3.54	NP	NP	3.54
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP	-	11.79	-	14.35	1.66	NP	NP	1.66	11.38	11.55	-	14.95	1.90	0.17	NP	2.04
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP	-	10.39	-	12.8	1.77	NP	NP	1.77	-	9.16	-	12.98	3.00	NP	NP	3.00
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP	-	8.11	-	13.2	1.56	NP	NP	1.56	-	7.75	-	13.32	1.92	NP	NP	1.92
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP	-	7.01	-	12.81	8.08	NP	NP	8.08	-	10.13	-	13.1	4.96	NP	NP	4.96
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP	-	10.28	-	11.8	0.23	NP	NP	0.23	-	12.15	-	13.16	-1.64	NP	NP	-1.64
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP	-	9.25	-	16.5	0.11	NP	NP	0.11	-	8.7	-	17.65	0.66	NP	NP	0.66
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP	-	10.8	-	14.64	3.06	NP	NP	3.06	-	9.42	-	14.75	4.44	NP	NP	4.44
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP	-	10.7	-	16.85	1.54	NP	NP	1.54	-	10.4	-	16.92	1.84	NP	NP	1.84
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP	-	10.9	-	15.86	1.82	NP	NP	1.82	-	10.45	-	15.95	2.27	NP	NP	2.27
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	9.26	-	16.88	5.72	NP	NP	5.72	-	8.52	-	17.54	6.46	NP	NP	6.46
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP	-	12.8	-	17.92	1.50	NP	NP	1.50	-	11.98	-	17.9	2.32	NP	NP	2.32
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP	11.60	11.61	-	12.4	1.47	0.01	NP	1.48	Trace	11.33	-	12.56	1.75	NP	NP	1.75
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP	-	12.25	-	13.7	2.07	NP	NP	2.07	-	12.59	-	14.5	1.73	NP	NP	1.73
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP	-	7.35	-	8.45	NS	NP	NP	NS	-	4.94	-	8.7	NS	NP	NP	NS
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP	-	8.68	-	11.1	NS	NP	NP	NS	-	7.9	-	11.32	NS	NP	NP	NS
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP	-	13.94	-	16.8	2.09	NP	NP	2.09	-	13.33	-	16.98	2.70	NP	NP	2.70
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP	-	13.66	-	15	2.12	NP	NP	2.12	-	13.1	-	15.15	2.68	NP	NP	2.68
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP	-	14.01	-	17.03	2.13	NP	NP	2.13	-	13.35	-	17.12	2.79	NP	NP	2.79
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP	-	15.45	-	17.1	2.07	NP	NP	2.07	-	14.81	-	17.2	2.71	NP	NP	2.71
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP																
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP	-	8.1	-	20.08	1.43	NP	NP	1.43	-	7.79	-	20.08	1.74	NP	NP	1.74
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP	-	10.21	-	17.53	2.62	NP	NP	2.62	-	9.27	-	17.44	3.56	NP	NP	3.56
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP	-	8.67	-	17.65	2.94	NP	NP	2.94	-	7.19	-	17.72	4.42	NP	NP	4.42
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP																
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP									-	11.91	-	21.94	2.28	NP	NP	2.28
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP									-	11.83	-	37.00	2.28	NP	NP	2.28
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP									-	11.13	-	33.05	1.80	NP	NP	1.80
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP									-	9.86	-	32.23	5.04	NP	NP	5.04

Notes

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NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	July 2, 2014								July 23, 2014							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP	-	10.06	-	14.45	7.27	NP	NP	7.27	-	10.1	-	14.44	7.23	NP	NP	7.23
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP	-	10.05	-	29.6	7.28	NP	NP	7.28	-	10.12	-	29.6	7.21	NP	NP	7.21
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP	-	9.59	-	14.56	7.08	NP	NP	7.08	-	9.66	-	14.55	7.01	NP	NP	7.01
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP	-	9.48	-	29.44	7.11	NP	NP	7.11	-	9.57	-	29.41	7.02	NP	NP	7.02
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	6.3	-	15.45	5.52	NP	NP	5.52	-	6.25	-	15.45	5.57	NP	NP	5.57
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	-	8.91	Trace	18.11	2.53	NP	Trace	2.53	-	9.49	Trace	17.91	1.95	NP	Trace	1.95
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP																
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP																
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP																
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP																
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP																
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	4.65	-	11.35	5.68	NP	NP	5.68	-	4.65	-	11.31	5.68	NP	NP	5.68
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	-	6.27	-	10.2	5.69	NP	NP	5.69	-	6.15	-	10.13	5.81	NP	NP	5.81
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP																
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP																
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	Trace	12.41	-	18	6.69	Trace	NP	6.69	-	12.66	-	17.94	6.44	NP	NP	6.44
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP																
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	Trace	9.07	-	18.5	4.58	Trace	NP	4.58	9.41	9.49	-	18.5	4.16	0.08	NP	4.22
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP																
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP																
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP																
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP																
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	-	5.54	-	9.35	4.13	NP	NP	4.13	-	5.42	-	9.3	4.25	NP	NP	4.25
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP	-	7.06	-	13.74	7.00	NP	NP	7.00	-	7.41	-	14.00	6.65	NP	NP	6.65
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP	-	6.55	-	14.91	6.73	NP	NP	6.73	-	6.62	-	14.91	6.66	NP	NP	6.66
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP	-	6.3	-	29.67	6.83	NP	NP	6.83	-	6.38	-	29.66	6.75	NP	NP	6.75
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP	-	6.45	-	29.58	5.50	NP	NP	5.50	-	6.45	-	29.57	5.50	NP	NP	5.50
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP	-	6.75	-	14.16	4.89	NP	NP	4.89	-	6.72	-	14.15	4.92	NP	NP	4.92
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP	-	6.55	-	14.8	4.94	NP	NP	4.94	-	6.52	-	14.78	4.97	NP	NP	4.97
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP	-	4.86	-	14.01	5.32	NP	NP	5.32	-	4.85	-	13.98	5.33	NP	NP	5.33
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP	-	2.58	-	11.41	6.38	NP	NP	6.38	-	2.46	-	11.36	6.50	NP	NP	6.50
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP	-	4.11	-	29.9	5.72	NP	NP	5.72	-	4.02	-	29.9	5.81	NP	NP	5.81
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP	-	7.59	-	32.68	5.23	NP	NP	5.23	-	7.58	-	32.56	5.24	NP	NP	5.24
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP	-	6.13	-	15	4.45	NP	NP	4.45	-	6.1	-	14.99	4.48	NP	NP	4.48
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP	-	6.25	-	32.6	4.54	NP	NP	4.54	-	6.6	-	32.6	4.19	NP	NP	4.19
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP	-	8.57	-	38.11	3.07	NP	NP	3.07	-	10.16	-	38.05	1.48	NP	NP	1.48
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP	-	9.2	-	36.42	4.28	NP	NP	4.28	-	9.64	-	36.4	3.84	NP	NP	3.84
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP	-	12.06	-	33.15	6.88	NP	NP	6.88	-	12.38	-	33.7	6.56	NP	NP	6.56
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP																
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP																

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	July 2, 2014								July 23, 2014							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	-	10.55	-	17.25	1.72	NP	NP	1.72	-	10.68	-	17.35	1.59	NP	NP	1.59
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP																
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP																
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	Well destroyed - replaced with RW-1								Well destroyed - replaced with RW-1							
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP																
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP									-	12.06	-	17.7	3.32	NP	NP	3.32
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP																
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP																
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP																
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP																
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP																
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP																
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP																
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP																
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP																
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	8.66	-	17.55	6.32	NP	NP	6.32	-	8.89	-	17.54	6.09	NP	NP	6.09
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP																
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP									Trace	11.51	-	12.56	1.57	Trace	NP	12.56
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP									-	10.68	-	17.35	3.64	NP	NP	3.64
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP																
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP																
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP																
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP																
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP																
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP																
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP																
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP																
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP																
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP																
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP	10.24	10.26	-	14	3.92	0.02	NP	3.94	Trace	10.46	-	14.02	3.72	Trace	NP	3.72
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP	-	12.28	-	21.80	1.91	NP	NP	1.91	-	12.48	-	21.81	1.71	NP	NP	1.71
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP	-	12.18	-	37.00	1.93	NP	NP	1.93	-	12.48	-	36.95	1.63	NP	NP	1.63
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP	-	11.26	-	32.90	1.67	NP	NP	1.67	-	11.36	-	32.93	1.57	NP	NP	1.57
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP	-	9.91	-	32.20	4.99	NP	NP	4.99	-	10.15	-	32.25	4.75	NP	NP	4.75

Notes

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Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	October 2014								April 2015							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP	-	10.52	-	14.57	6.81	NP	NP	6.81	-	9.51	-	14.4	7.82	NP	NP	7.82
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP	-	10.49	-	29.72	6.84	NP	NP	6.84	-	9.61	-	29.66	7.72	NP	NP	7.72
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP	-	9.99	-	14.56	6.68	NP	NP	6.68	-	9.4	-	14.56	7.27	NP	NP	7.27
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP	-	9.9	-	29.45	6.69	NP	NP	6.69	-	9.35	-	29.38	7.24	NP	NP	7.24
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	7.57	-	15.43	4.25	NP	NP	4.25	-	6.02	-	14.97	5.80	NP	NP	5.80
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	-	9.35	Trace	18.1	2.09	NP	Trace	2.09	-	8.51	trace	18.1	2.93	NP	trace	2.93
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP	-	7.24	-	14.98	5.80	NP	NP	5.80	-	6.3	-	15.02	6.74	NP	NP	6.74
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP	Well pinched - can not gauge								Well pinched - can not gauge							
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP	-	8.84	-	15.25	3.91	NP	NP	3.91	-	8.16	-	15.38	4.59	NP	NP	4.59
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP	-	8.33	-	17.9	5.73	NP	NP	5.73	-	7.83	-	17.96	6.23	NP	NP	6.23
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP	-	8.29	-	14.78	5.15	NP	NP	5.15	-	6.82	-	14.79	6.62	NP	NP	6.62
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	4.92	-	11.35	5.41	NP	NP	5.41	-	3.82	-	11.3	6.51	NP	NP	6.51
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	-	5.63	-	10.2	6.33	NP	NP	6.33	-	4.32	-	10.19	7.64	NP	NP	7.64
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP	-	8.77	-	12.95	4.16	NP	NP	4.16	-	6.87	-	12.12	6.06	NP	NP	6.06
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP	-	9.22	-	15.05	4.51	NP	NP	4.51	-	8.6	-	15.07	5.13	NP	NP	5.13
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	-	12.88	-	18	6.22	NP	NP	6.22	-	11.29	-	18	7.81	NP	NP	7.81
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP	-	9.34	-	17	6.01	NP	NP	6.01	-	8.51	-	17	6.84	NP	NP	6.84
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	-	9.45	-	18.55	4.20	NP	NP	4.20	7.80	7.81	-	18.54	5.84	0.01	NP	5.84
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP	9.88	9.92	-	17.3	3.10	0.04	NP	3.13	8.29	8.3	-	17.82	4.72	0.01	NP	4.73
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP	-	9.12	-	17.3	3.68	NP	NP	3.68	-	7.44	-	17.32	5.36	NP	NP	5.36
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP	-	7.5	-	10.5	5.44	NP	NP	5.44	-	6.38	-	10.45	6.56	NP	NP	6.56
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP	-	10.34	-	18.3	3.93	NP	NP	3.93	-	9.61	-	16.3	4.66	NP	NP	4.66
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	-	4.87	-	9.3	4.80	NP	NP	4.80	-	3.62	-	9.3	6.05	NP	NP	6.05
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP	-	7.74	-	13.75	6.32	NP	NP	6.32	Buried under Snow							
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP	-	9.98	-	29.97	3.30	NP	NP	3.30	-	6.44	-	15.01	6.84	NP	NP	6.84
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP	-	9.93	-	15.05	3.20	NP	NP	3.20	-	6.16	-	29.65	6.97	NP	NP	6.97
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP	-	7.00	-	29.62	4.95	NP	NP	4.95	-	6.18	-	29.76	5.77	NP	NP	5.77
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP	-	6.94	-	14.14	4.70	NP	NP	4.70	-	6.31	-	14.31	5.33	NP	NP	5.33
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP	-	6.73	-	14.77	4.76	NP	NP	4.76	-	6.05	-	14.83	5.44	NP	NP	5.44
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP	-	5.09	-	14	5.09	NP	NP	5.09	-	3.84	-	14.04	6.34	NP	NP	6.34
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP	-	2.5	-	11.5	6.46	NP	NP	6.46	-	1.23	-	11.4	7.73	NP	NP	7.73
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP	-	4.53	-	29.9	5.30	NP	NP	5.30	-	3.59	-	29.9	6.24	NP	NP	6.24
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP	-	7.47	-	32.55	5.35	NP	NP	5.35	-	6.52	-	32.58	6.30	NP	NP	6.30
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP	-	6	-	14.9	4.58	NP	NP	4.58	-	5.87	-	14.44	4.71	NP	NP	4.71
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP	-	6.54	-	32.7	4.25	NP	NP	4.25	-	6.19	-	32.79	4.60	NP	NP	4.60
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP	-	8.71	-	38.2	2.93	NP	NP	2.93	-	8.83	-	38.15	2.81	NP	NP	2.81
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP	-	9.53	-	36.35	3.95	NP	NP	3.95	-	9.09	-	36.5	4.39	NP	NP	4.39
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP	-	12.51	-	33.15	6.43	NP	NP	6.43	-	11.34	-	33.13	7.60	NP	NP	7.60
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP																
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP																

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	October 2014								April 2015							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	-	10.67	-	17.42	1.60	NP	NP	1.60	-	10.76	-	17.28	1.51	NP	NP	1.51
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP	-	11.90	-	16.23	-1.24	NP	NP	-1.24	-	11.04	-	16.20	-0.38	NP	NP	-0.38
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP	-	9.92	-	14.22	3.03	NP	NP	3.03	-	8.71	-	14	4.24	NP	NP	4.24
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	Well destroyed - replaced with RW-1								Well destroyed - replaced with RW-1							
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP	-	10	-	13.29	2.92	NP	NP	2.92	-	9.62	-	13	3.30	NP	NP	3.30
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP	-	12.28	-	17.81	3.10	NP	NP	3.10	-	11.49	-	17.68	3.89	NP	NP	3.89
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP	11.68	11.76	-	14.95	1.69	0.08	NP	1.76	11.53	11.55	-	14.8	1.90	0.02	NP	1.92
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP	-	10.3	-	13.05	1.86	NP	NP	1.86	-	9.3	-	12.85	2.86	NP	NP	2.86
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP	-	8.31	-	13.38	1.36	NP	NP	1.36	-	10.5	-	15.67	-0.83	NP	NP	-0.83
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP	-	12.32	-	13.21	2.77	NP	NP	2.77	-	6.42	-	12.95	8.67	NP	NP	8.67
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP	-	11.94	-	13.15	-1.43	NP	NP	-1.43	-	11.88	-	13.07	-1.37	NP	NP	-1.37
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP	-	9.02	-	16.33	0.34	NP	NP	0.34	-	8.95	-	16.4	0.41	NP	NP	0.41
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP	-	10.01	-	14.84	3.85	NP	NP	3.85	-	9.23	-	14.6	4.63	NP	NP	4.63
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP	-	10.7	-	16.96	1.54	NP	NP	1.54	10.75	10.79	-	16.8	1.45	0.04	NP	1.48
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP	-	10.7	-	15.88	2.02	NP	NP	2.02	-	10.51	-	15.75	2.21	NP	NP	2.21
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	9.15	-	17.6	5.83	NP	NP	5.83	-	8.18	-	17.75	6.80	NP	NP	6.80
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP	-	11.57	-	12.67	2.73	NP	NP	2.73	trace	12.38	-	17.85	1.92	trace	NP	1.92
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP	Trace	10.71	-	12.55	2.37	Trace	NP	2.37	trace	11.62	-	12.4	1.46	trace	NP	1.46
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP	-	12.8	-	14.4	1.52	NP	NP	1.52	12.82	12.83	-	14.1	1.49	0.01	NP	1.50
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP	-	5.4	-	8.82	NS	NP	NP	NS	-	4.05	-	8.45	NS	NP	NP	NS
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP	Trace	8.19	-	11.3	NS	Trace	NP	NS	-	7.9	-	11.1	NS	NP	NP	NS
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP	-	13.49	-	16.98	2.54	NP	NP	2.54	-	13.08	-	16.3	2.95	NP	NP	2.95
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP	-	13.31	-	18.22	2.47	NP	NP	2.47	-	12.89	-	15	2.89	NP	NP	2.89
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP	-	13.38	-	17.08	2.76	NP	NP	2.76	-	13.16	-	17	2.98	NP	NP	2.98
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP	-	14.94	-	17.22	2.58	NP	NP	2.58	-	14.61	-	17	2.91	NP	NP	2.91
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP									-	9.54	-	20.23	3.56	NP	NP	3.56
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP	-	9.89	-	20.17	-0.36	NP	NP	-0.36	-	9.24	-	20.10	0.29	NP	NP	0.29
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP	-	9.52	-	17.49	3.31	NP	NP	3.31	-	8.54	-	17.3	4.29	NP	NP	4.29
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP	-	8.05	-	17.62	3.56	NP	NP	3.56	-	6.43	-	17.7	5.18	NP	NP	5.18
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP	10.67	10.68	-	14	3.50	0.01	NP	3.51	trace	9.64	-	13.9	4.54	trace	NP	4.54
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP	-	12.54	-	21.76	1.65	NP	NP	1.65	-	12.3	-	21.75	1.89	NP	NP	1.89
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP	-	12.43	-	36.93	1.68	NP	NP	1.68	-	12.2	-	37.00	1.91	NP	NP	1.91
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP	-	11.39	-	33.07	1.54	NP	NP	1.54	-	11.46	-	32.90	1.47	NP	NP	1.47
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP	-	10.38	-	32.30	4.52	NP	NP	4.52	-	9.58	-	32.20	5.32	NP	NP	5.32

Notes

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Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	October 2015								May 2016							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP	-	10.89	-	14.73	6.44	NP	NP	6.44	-	10.18	-	14.5	7.15	NP	NP	7.15
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP	-	10.84	-	29.64	6.49	NP	NP	6.49	-	10.22	-	29.6	7.11	NP	NP	7.11
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP	-	10.23	-	14.76	6.44	NP	NP	6.44	-	9.9	-	14.54	6.77	NP	NP	6.77
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP	-	10.19	-	29.42	6.40	NP	NP	6.40	-	9.83	-	29.38	6.76	NP	NP	6.76
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	6.72	-	15.61	5.10	NP	NP	5.10	-	6.1	-	15.4	5.72	NP	NP	5.72
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	-	9.24	trace	18	2.20	NP	trace	2.20	-	9.48	trace	17.9	1.96	NP	trace	1.96
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP	-	7.27	-	15.12	5.77	NP	NP	5.77	-	6.92	-	14.95	6.12	NP	NP	6.12
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP	Destroyed								Destroyed							
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP	-	9.2	-	15.52	3.55	NP	NP	3.55	-	8.95	-	15.3	3.80	NP	NP	3.80
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP	-	8.63	-	18.08	5.43	NP	NP	5.43	-	8.25	-	-	5.81	NP	NP	5.81
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP	-	8	-	15	5.44	NP	NP	5.44	-	7.87	-	-	5.57	NP	NP	5.57
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	5.13	-	11.64	5.20	NP	NP	5.20	-	4.5	-	11.32	5.83	NP	NP	5.83
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	-	6.27	-	10.44	5.69	NP	NP	5.69	-	6	-	10.15	5.96	NP	NP	5.96
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP	-	9.31	-	12.2	3.62	NP	NP	3.62	-	8	-	11.12	4.93	NP	NP	4.93
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP	-	9.54	-	15.3	4.19	NP	NP	4.19	-	9.18	-	15	4.55	NP	NP	4.55
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	trace	13.14	-	18.15	5.96	trace	NP	5.96	-	12.32	-	17.95	6.78	NP	NP	6.78
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP	-	9.58	-	17.18	5.77	NP	NP	5.77	-	9.19	-	17	6.16	NP	NP	6.16
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	trace	10.07	-	18.62	3.58	trace	NP	3.58	8.78	8.79	-	18.14	4.86	0.01	NP	4.86
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP	10.29	10.32	-	17.8	2.70	0.03	NP	2.72	-	8.42	-	17.19	4.60	NP	NP	4.60
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP	-	9.65	-	17.45	3.15	NP	NP	3.15	-	9.11	-	17.68	3.69	NP	NP	3.69
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP	-	8.64	-	10.8	4.30	NP	NP	4.30	-	7.66	-	10.31	5.28	NP	NP	5.28
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP	-	10.72	-	16.5	3.55	NP	NP	3.55	-	10.34	-	16.32	3.93	NP	NP	3.93
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	-	5.55	-	9.48	4.12	NP	NP	4.12	-	5.21	-	9.1	4.46	NP	NP	4.46
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP	-	8.00	-	14.15	6.06	NP	NP	6.06	-	7.14	-	13.68	6.92	NP	NP	6.92
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP	-	7.14	-	15.12	6.14	NP	NP	6.14	-	6.75	-	14.9	6.53	NP	NP	6.53
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP	-	7.9	-	29.67	5.23	NP	NP	5.23	-	6.49	-	29.62	6.64	NP	NP	6.64
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP	-	6.45	-	29.6	5.50	NP	NP	5.50	-	6.01	-	29.5	5.94	NP	NP	5.94
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP	-	7.13	-	14.32	4.51	NP	NP	4.51	-	6.45	-	14.12	5.19	NP	NP	5.19
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP	-	6.96	-	14.96	4.53	NP	NP	4.53	-	6.05	-	14.75	5.44	NP	NP	5.44
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP	-	5.24	-	14.22	4.94	NP	NP	4.94	4.47	4.55	-	14	5.63	0.08	NP	5.70
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP	-	2.78	-	11.76	6.18	NP	NP	6.18	-	2.2	-	11.38	6.76	NP	NP	6.76
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP	-	4.58	-	30	5.25	NP	NP	5.25	-	4.05	-	29.8	5.78	NP	NP	5.78
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP	-	7.99	-	32.7	4.83	NP	NP	4.83	-	7.45	-	32.6	5.37	NP	NP	5.37
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP	-	6.29	-	14.25	4.29	NP	NP	4.29	-	5.93	-	14	4.65	NP	NP	4.65
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP	-	6.68	-	32.63	4.11	NP	NP	4.11	-	6.75	-	32.25	4.04	NP	NP	4.04
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP	-	9.33	-	38.15	2.31	NP	NP	2.31	-	9.65	-	38.1	1.99	NP	NP	1.99
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP	-	9.64	-	36.42	3.84	NP	NP	3.84	-	9.46	-	36.28	4.02	NP	NP	4.02
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP	-	12.8	-	33.3	6.14	NP	NP	6.14	-	12.17	-	33.07	6.77	NP	NP	6.77
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP	-	8.71	-	16.25	6.21	NP	NP	6.21	-	8.22	-	15.81	6.70	NP	NP	6.70
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP	-	7.43	-	14.65	6.86	NP	NP	6.86	-	7.3	-	14.42	6.99	NP	NP	6.99

Notes

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TABLE 10
SUMMARY OF GROUNDWATER AND NAPL GAUGING RESULTS

642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	October 2015								May 2016							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)	Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	-	10.65	-	17.32	1.62	NP	NP	1.62	-	10.8	-	17.32	1.47	NP	NP	1.47
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP	-	10.93	-	19.56	-0.03	NP	NP	-0.03	-	10.32	-	15.62	0.34	NP	NP	0.34
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP	-	10.18	-	14.28	2.77	NP	NP	2.77	-	9.17	-	14	3.78	NP	NP	3.78
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	Well destroyed - replaced with RW-1								Well destroyed - replaced with RW-1							
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP	-	10.08	-	13.29	2.84	NP	NP	2.84	-	9.62	-	12.9	3.30	NP	NP	3.30
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP	-	12.22	-	17.7	3.16	NP	NP	3.16	-	9.78	-	17.65	5.60	NP	NP	5.60
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP	11.43	11.53	-	12.62	1.92	0.10	NP	2.01	11.52	11.53	-	12.31	1.92	0.01	NP	1.93
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP	-	9.93	-	13.12	2.23	NP	NP	2.23	-	9.69	-	12.84	2.47	NP	NP	2.47
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP	-	7.76	-	13.49	1.91	NP	NP	1.91	-	8	-	13.19	1.67	NP	NP	1.67
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP	-	12.78	-	13.17	2.31	NP	NP	2.31	-	12.18	-	12.9	2.91	NP	NP	2.91
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP	-	10	-	13.15	0.51	NP	NP	0.51	-	10.71	-	12.92	-0.20	NP	NP	-0.20
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP	-	8.82	-	16.71	0.54	NP	NP	0.54	-	8.95	-	16.5	0.41	NP	NP	0.41
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP	-	10.45	-	14.82	3.41	NP	NP	3.41	-	9.65	-	14.55	4.21	NP	NP	4.21
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP	trace	10.6	-	17.84	1.64	trace	NP	1.64	10.69	10.71	-	16.8	1.53	0.02	NP	1.55
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP	-	10.49	-	15.87	2.23	NP	NP	2.23	-	10.58	-	15.85	2.14	NP	NP	2.14
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	9.14	-	17.52	5.84	NP	NP	5.84	-	8.82	-	17.43	6.16	NP	NP	6.16
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP	-	12.68	-	18	1.62	NP	NP	1.62	-	11.62	-	12.35	2.68	NP	NP	2.68
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP	-	11.35	-	12.44	1.73	NP	NP	1.73	-	11.05	-	0.00	2.03	NP	NP	2.03
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP	-	12.69	-	14.34	1.63	NP	NP	1.63	-	12.77	-	14.1	1.55	NP	NP	1.55
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP	-	5.99	-	8.27	NS	NP	NP	NS	trace	6.07	-	8.44	NS	trace	NP	NS
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP	-	8.23	-	11.34	NS	NP	NP	NS	trace	8.34	-	11.1	NS	trace	NP	NS
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP	-	13.65	-	16.95	2.38	NP	NP	2.38	-	13.35	-	16.75	2.68	NP	NP	2.68
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP	-	13.4	-	15.19	2.38	NP	NP	2.38	-	13.13	-	14.96	2.65	NP	NP	2.65
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP	-	13.72	-	17.21	2.42	NP	NP	2.42	-	13.31	-	16.9	2.83	NP	NP	2.83
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP	-	15.1	-	17.37	2.42	NP	NP	2.42	-	14.8	-	16.6	2.72	NP	NP	2.72
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP	-	9.85	-	20.21	3.25	NP	NP	3.25	-	9.77	-	20.22	3.33	NP	NP	3.33
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP	-	7.8	-	20.28	1.73	NP	NP	1.73	-	8.80	-	20.00	0.73	NP	NP	0.73
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP	-	9.85	-	17.45	2.98	NP	NP	2.98	-	9.30	-	18.65	3.53	NP	NP	3.53
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP	-	8.48	-	17.73	3.13	NP	NP	3.13	-	7.41	-	18.59	4.20	NP	NP	4.20
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP	trace	11.14	-	14.14	3.04	trace	NP	3.04	trace	10.21	-	13.9	3.97	trace	NP	3.97
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP	-	12.52	-	21.89	1.67	NP	NP	1.67	-	11.98	-	21.75	2.21	NP	NP	2.21
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP	-	12.47	-	37.00	1.64	NP	NP	1.64	-	11.92	-	36.85	2.19	NP	NP	2.19
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP	-	11.32	-	32.93	1.61	NP	NP	1.61	-	11.45	-	32.8	1.48	NP	NP	1.48
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP	-	10.32	-	32.27	4.58	NP	NP	4.58	-	10.05	-	32.15	4.85	NP	NP	4.85

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642 Allens Avenue
Providence, Rhode Island

Site Area	Well ID	Surveyed Elevations			Well Installation Details					Range of LNAPL Observed (feet)	Range of DNAPL Observed (feet)	October 2016							
		Top of Casing Elevation (Feet)	Top of PVC Elevation (Feet)	Grade Elevation (Feet)	Type of Well	Well Depth Modifier	Date of Installation	Measured Well Depth (feet bgs)	Screened Interval (feet bgs)			Depth to LNAPL (ft)	Depth to Water (ft)	Depth to DNAPL (ft)	Total Well Depth (ft)	GW Elevation (feet)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Corrected Groundwater Elevation (feet)
CNG	RCA-12R	17.87	17.33	17.87	Roadbox	Shallow	5/30/2014	15.24	5 - 15	NP	NP	-	10.54	-	14.5	6.79	NP	NP	6.79
CNG	GZ-301D	17.74	17.33	17.74	Roadbox	Deep	5/30/2014	30.11	20 - 30	NP	NP	-	10.55	-	29.8	6.78	NP	NP	6.78
CNG	GZ-302S	16.97	16.67	16.97	Roadbox	Shallow	6/3/2014	15.00	5 - 15	NP	NP	-	10.07	-	14.52	6.60	NP	NP	6.60
CNG	GZ-302D	16.97	16.59	16.97	Roadbox	Deep	5/30/2014	29.88	20 - 30	NP	NP	-	10	-	29.48	6.59	NP	NP	6.59
NG	RCA-1	12.21	11.82	12.21	Roadbox	Shallow	6/8/1994	15.89	6.5 - 16.5	NP	NP	-	6.57	-	15.4	5.25	NP	NP	5.25
NG	RCA-3	11.88	11.44	9.40	Standpipe	Shallow	9/9/1994	15.76	6 - 16	NP	trace	Decommissioned June 2016							
NG	RCA-11	13.27	13.04	10.57	Standpipe	Shallow	9/12/1994	12.53	4 - 14	NP	NP	Decommissioned June 2016							
NG	RCA-13	11.94	11.61	10.51	Standpipe	Shallow	9/12/1994	13.97	4 - 14	NP	NP	Destroyed							
NG	RCA-14	13.09	12.75	11.06	Standpipe	Shallow	9/12/1994	13.61	5 - 15	NP	NP	Decommissioned June 2016							
NG	RCA-15	NS	14.06	NS	Standpipe	Shallow	12/8/1994	15.97	4 - 14	NP	NP	-	8.3	-	17.95	5.76	NP	NP	5.76
NG	RCA-17	NS	13.44	NS	Standpipe	Shallow	12/9/1994	12.80	4 - 14	NP	NP	-	7.15	-	14.73	6.29	NP	NP	6.29
NG	VHB-1	10.55	10.33	10.55	Roadbox	Shallow	1/15/2002	11.72	2 - 12	NP	NP	-	5.01	-	11.35	5.32	NP	NP	5.32
NG	VHB-3	11.84	11.96	9.76	Standpipe	Shallow	1/14/2002	7.90	2 - 10	trace	NP	Decommissioned June 2016							
NG	VHB-6	12.91	12.93	10.25	Standpipe	Shallow	1/14/2002	9.77	2 - 12	NP	NP	Decommissioned June 2016							
NG	VHB-7	14.30	13.73	11.29	Standpipe	Shallow	1/14/2002	12.66	2 - 12	NP	NP	Decommissioned June 2016							
NG	VHB-10	19.45	19.10	15.88	Standpipe	Shallow	1/15/2002	14.77	5 - 15	trace - 0.02	NP	Decommissioned June 2016							
NG	VHB-18	15.54	15.35	10.61	Standpipe	Shallow	1/21/2003	12.26	6 - 16	NP	NP	Decommissioned June 2016							
NG	VHB-21	13.80	13.65	11.09	Standpipe	Shallow	1/28/2003	15.94	6 - 16	trace - 0.08	NP	Decommissioned June 2016							
NG	VHB-22	13.32	13.02	11.21	Standpipe	Shallow	1/28/2003	15.49	6 - 16	0.01 - 0.04	NP	Decommissioned June 2016							
NG	VHB-23	12.98	12.80	11.37	Standpipe	Shallow	1/29/2003	16.37	6 - 16	trace - 0.05	NP	Decommissioned June 2016							
NG	CHES RW-1	12.94	12.94	11.06	Recovery Well	Shallow	2002	9.42	Unknown	NP	NP	Decommissioned June 2016							
NG	CHES RW-2	14.27	14.27	11.09	Recovery Well	Shallow	2002	13.12	Unknown	trace	NP	Decommissioned June 2016							
NG	U-1	NS	9.67	7.71	Standpipe	Shallow	Unknown	9.08	Unknown	NP	NP	Decommissioned June 2016							
NG	VHB-8R	14.85	14.06	12.60	Standpipe	Shallow	6/4/2014	12.29	2 - 12	NP	NP	Decommissioned June 2016							
NG	GZ-303S	13.78	13.28	13.78	Roadbox	Shallow	5/28/2014	15.70	5 - 15	NP	NP	-	7	-	14.9	6.28	NP	NP	6.28
NG	GZ-303D	13.75	13.13	13.75	Roadbox	Deep	6/3/2014	30.32	20 - 30	NP	NP	-	6.72	-	29.74	6.41	NP	NP	6.41
NG	GZ-304D	12.41	11.95	12.41	Roadbox	Deep	5/24/2014	30.16	20 - 30	NP	NP	-	6.52	-	29.57	5.43	NP	NP	5.43
NG	GZ-305S	11.84	11.64	11.84	Roadbox	Shallow	5/22/2014	14.35	5 - 15	NP	NP	-	6.88	-	14.15	4.76	NP	NP	4.76
NG	GZ-306S	11.90	11.49	11.90	Roadbox	Shallow	5/22/2014	15.31	5 - 15	NP	NP	-	6.66	-	14.72	4.83	NP	NP	4.83
NG	GZ-307S	10.70	10.18	10.70	Roadbox	Shallow	6/3/2014	14.67	3 - 13	trace - 0.08	NP	5.05	5.1	-	14	5.08	0.05	NP	5.12
NG	GZ-308S	9.71	8.96	9.71	Roadbox	Shallow	6/4/2014	12.33	2 - 12	NP	NP	-	2.62	-	11.45	6.34	NP	NP	6.34
NG	GZ-309D	10.51	9.83	10.51	Roadbox	Deep	5/20/2014	30.58	20 - 30	NP	NP	Unable to open							
NG	GZ-311D	13.04	12.82	10.03	Standpipe	Deep	5/21/2014	29.91	20 - 30	NP	NP	Decommissioned June 2016							
NG	GZ-312S	10.77	10.58	8.64	Standpipe	Shallow	5/23/2014	13.18	3 - 13	NP	NP	Decommissioned June 2016							
NG	GZ-312D	10.95	10.79	8.55	Standpipe	Deep	5/23/2014	30.51	20 - 30	NP	NP	Decommissioned June 2016							
NG	GZ-313D	11.79	11.64	9.78	Standpipe	Deep	5/27/2014	36.34	26 - 36	NP	NP	Decommissioned June 2016							
NG	GZ-318D	13.59	13.48	11.13	Standpipe	Deep	6/2/2014	34.15	20 - 30	NP	NP	Decommissioned June 2016							
NG	GZ-320D	19.25	18.94	16.03	Standpipe	Deep	6/5/2014	30.19	20 - 30	NP	NP	Decommissioned June 2016							
NG	GZ-401	15.16	14.92	12.01	Standpipe	Shallow	11/2/2015	16.25	5 - 15	NP	NP	Decommissioned June 2016							
NG	GZ-403	14.52	14.29	11.45	Standpipe	Shallow	11/2/2015	14.65	3 - 13	NP	NP	Decommissioned June 2016							

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LNG	RCA-5	12.68	12.27	10.79	Standpipe	Shallow	9/7/1994	15.92	6 - 16	NP	NP	Decommissioned June 2016							
LNG	RCA-6	10.90	10.66	10.90	Roadbox	Shallow	9/8/1994	17.44	7 - 17	NP	NP	-	9.45	-	15.69	1.21	NP	NP	1.21
LNG	RCA-20	13.25	12.95	11.01	Standpipe	Shallow	10/18/1995	12.26	3.5 - 13.5	NP	NP	Decommissioned June 2016							
LNG	RCA-21	NS	13.72	10.48	Standpipe	Shallow	10/30/1995	11.39	4 - 14	0.91 - 3.58	NP	Well destroyed - replaced with RW-1							
LNG	RCA-22	NM	12.92	10.33	Standpipe	Shallow	Unknown	10.41	Unknown	NP	NP	-	9.68	-	13.02	3.24	NP	NP	3.24
LNG	RCA-28	NS	15.38	13.01	Standpipe	Shallow	1/17/1995	15.43	5 - 15	NP	NP	-	12.28	-	17.65	3.10	NP	NP	3.10
LNG	RCA-29	NS	13.45	NS	Standpipe	Shallow	2/13/1996	12.95	2 - 12	trace - 0.17	NP	Decommissioned June 2016							
LNG	RCA-32	NS	12.16	NS	Standpipe	Shallow	2/3/1996	10.98	4 - 14	NP	NP	Decommissioned June 2016							
LNG	RCA-33	NS	9.67	NS	Standpipe	Shallow	2/23/1996	11.32	5 - 15	NP	NP	Decommissioned June 2016							
LNG	RCA-34	15.08	15.09	12.76	Standpipe	Shallow	2/29/1996	10.77	13 - 18	NP	NP	Unable to open							
LNG	RCA-36	10.72	10.51	10.72	Roadbox	Shallow	3/1/1996	13.37	5 - 15	NP	NP	-	9.51	-	13.17	1.00	NP	NP	1.00
LNG	RCA-38	NS	9.36	NS	Standpipe	Shallow	5/2/1996	15.65	5 - 15	NP	NP	Decommissioned June 2016							
LNG	RCA-39	14.07	13.86	11.43	Standpipe	Shallow	5/3/1996	12.32	3 - 13	NP	NP	-	9.81	-	14.65	4.05	NP	NP	4.05
LNG	RCA-40	12.76	12.24	10.47	Standpipe	Shallow	5/3/1996	15.15	4 - 14	trace - 0.04	NP	Decommissioned June 2016							
LNG	VHB-13	12.88	12.72	13.34	Roadbox	Shallow	1/16/2002	16.56	7 - 17	NP	NP	Decommissioned June 2016							
LNG	VHB-20	15.15	14.98	13.01	Standpipe	Shallow	1/22/2002	15.57	6 - 16	NP	NP	-	9.03	-	17.43	5.95	NP	NP	5.95
LNG	CHES RW-3	14.30	14.30	11.24	Recovery Well	Shallow	2002	14.84	Unknown	trace	NP	Decommissioned June 2016							
LNG	CHES RW-4	13.08	13.08	9.09	Recovery Well	Shallow	2002	8.57	Unknown	trace - 0.03	NP	Decommissioned June 2016							
LNG	CHES RW-5	14.32	14.32	11.16	Recovery Well	Shallow	2002	11.34	Unknown	0.01	NP	Decommissioned June 2016							
LNG	ESS RW-1	NS	NS	NS	Recovery Well	Shallow	2002	6.70	Unknown	NP	NP	Decommissioned June 2016							
LNG	ESS RW-2	NS	NS	NS	Recovery Well	Shallow	2002	9.32	Unknown	NP	NP	Decommissioned June 2016							
LNG	ESS RW-3	16.03	16.03	12.99	Recovery Well	Shallow	2002	13.94	Unknown	NP	NP	-	13.57	-	16.85	2.46	NP	NP	2.46
LNG	ESS RW-4	15.78	15.78	12.69	Recovery Well	Shallow	2002	12.06	Unknown	NP	NP	-	13.26	-	15.04	2.52	NP	NP	2.52
LNG	ESS RW-5	16.14	16.14	12.86	Recovery Well	Shallow	2002	13.85	Unknown	NP	NP	-	13.52	-	17	2.62	NP	NP	2.62
LNG	ESS RW-6	17.52	17.52	14.65	Recovery Well	Shallow	2002	14.33	Unknown	NP	NP	-	14.92	-	17.06	2.60	NP	NP	2.60
LNG	GZ-101	13.43	13.10	13.43	Roadbox	Shallow	4/29/2004	20.21	10 - 20	NP	NP	-	9.79	-	20.15	3.31	NP	NP	3.31
LNG	GZ-201	9.83	9.53	7.53	Standpipe	Shallow	4/8/2005	18.08	10 - 20	NP	NP	-	7.95	-	20.12	1.58	NP	NP	1.58
LNG	GZ-204A	13.86	12.83	11.30	Standpipe	Shallow	4/12/2005	15.92	4 - 16	NP	NP	Decommissioned June 2016							
LNG	GZ-216	12.85	11.61	10.34	Standpipe	Shallow	5/17/2005	16.45	5 - 15	NP	NP	Decommissioned June 2016							
LNG	RW-1	14.18	14.18	11.84	Recovery Well	Shallow	6/17/2014	11.66	8 - 13	trace - 0.02	NP	Decommissioned June 2016							
LNG	GZ-314S	14.35	14.19	11.13	Standpipe	Shallow	6/3/2014	18.88	4 - 19	NP	NP	Decommissioned June 2016							
LNG	GZ-314D	14.24	14.11	11.22	Standpipe	Deep	6/3/2014	34.11	24 - 34	NP	NP	Decommissioned June 2016							
LNG	GZ-315D	13.06	12.93	10.17	Standpipe	Deep	6/4/2014	30.29	20 - 30	NP	NP	Decommissioned June 2016							
LNG	GZ-319D	15.50	14.90	13.19	Standpipe	Deep	6/2/2014	30.52	20 - 30	NP	NP	-	10.4	-	32.92	4.50	NP	NP	4.50

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
Elevations are relative to NAVD88
NP - Indicates No Product observed.
NS - Not Surveyed
Blanks indicate no measurement collected on that particular day.
Potentiometric elevations for wells exhibiting LNAPL include 0.85 correction factor.
Note 1 - The readings reported from monitoring wells GZ-401 and GZ-403 in the October 2014 column were collected on November 3, 2015.

TABLE 4
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS

642 Allens Avenue
Providence, Rhode Island

	RIDEM GB Groundwater UCL	RIDEM GB Groundwater Objective	RCA-22 LNG 1207256-02 07/18/2012	RCA-28 LNG 1207256-01 07/18/2012	RCA-36 LNG 1207256-05 07/19/2012	RCA-38 LNG 1207256-03 07/18/2012	VHB-13 LNG 1207256-04 07/18/2012	RCA-1 NG 1207256-14 07/19/2012	RCA-3 NG 1207256-13 07/19/2012	RCA-11 NG 1207256-12 07/19/2012	BD071912 NG 1207256-16 07/19/2012
VOLATILE ORGANICS											
1,1,1,2-Tetrachloroethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	68	3.1	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	NE	NE	<0.0005	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	0.0005	<0.001	<0.001	<0.001
1,1-Dichloroethene	23	0.007	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,2,3-Trichlorobenzene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	NE	NE	0.0059	0.188	0.0126	<0.001	<0.001	<0.001	0.0758	0.0001	0.0002
1,2-Dibromo-3-Chloropropane	NE	0.002	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	670	0.11	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	140	3	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	NE	NE	0.0001	0.079	0.0007	<0.001	<0.001	<0.001	0.0072	<0.001	<0.001
1,3-Dichlorobenzene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dioxane - Screen	NE	NE	<0.5	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1-Chlorohexane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	NE	NE	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlorotoluene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Hexanone	NE	NE	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorotoluene	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	NE	NE	0.0003	<0.1	0.0003	<0.001	<0.001	<0.001	0.0024	<0.001	<0.001
4-Methyl-2-Pentanone	NE	NE	<0.025	<2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Acetone	NE	NE	0.0039	<1	<0.01	<0.01	0.0035	<0.01	<0.01	<0.01	<0.01
Benzene	18	0.14	**1.19**	0.027	0.0668	<0.001	<0.001	0.0038	0.0129	0.0092	0.0111
Bromobenzene	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Bromochloromethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	NE	NE	<0.0006	<0.06	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Carbon Disulfide	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Tetrachloride	NE	0.07	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	56	3.2	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chloroform	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
cis-1,2-Dichloroethene	69	2.4	<0.001	<0.1	<0.001	<0.001	<0.001	0.0165	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	NE	NE	<0.0004	<0.04	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Diethyl Ether	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Di-isopropyl ether	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethyl tertiary-butyl ether	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	16	1.6	0.0879	0.065	0.0218	<0.001	<0.001	<0.001	0.032	0.0005	0.0006
Hexachlorobutadiene	NE	NE	<0.0006	<0.06	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	NE	NE	0.0355	<0.1	0.0047	0.0004	<0.001	<0.001	0.0098	<0.001	<0.001
Methyl tert-Butyl Ether	NE	5	<0.001	<0.1	<0.001	<0.001	<0.001	0.0006	<0.001	<0.001	<0.001
Methylene Chloride	NE	NE	<0.002	<0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Naphthalene	NE	2.67	0.443	**5.29**	0.0404	0.0004	<0.001	0.0009	0.466	0.0032	0.0036
n-Butylbenzene	NE	NE	0.0059	<0.1	0.0013	<0.001	<0.001	<0.001	0.0052	<0.001	<0.001
n-Propylbenzene	NE	NE	0.0096	<0.1	0.0027	<0.001	<0.001	<0.001	0.0054	<0.001	<0.001
sec-Butylbenzene	NE	NE	0.0019	<0.1	0.0008	0.0005	<0.001	<0.001	0.0016	<0.001	<0.001
Styrene	50	2.2	<0.001	0.017	<0.001	<0.001	<0.001	<0.001	0.0003	0.0003	0.0003
tert-Butylbenzene	NE	NE	0.0003	<0.1	0.0003	0.0002	<0.001	<0.001	0.0006	<0.001	<0.001
Tertiary-amyl methyl ether	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	NE	0.15	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrahydrofuran	NE	NE	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	21	1.7	0.0013	0.191	0.0006	<0.001	<0.001	<0.001	0.0053	0.0004	0.0004
trans-1,2-Dichloroethene	79	2.8	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	NE	NE	<0.0004	<0.04	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	87	0.54	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane	NE	NE	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Acetate	NE	NE	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Chloride	NE	0.002	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylene O	NE	NE	0.0144	0.244	0.0066	<0.001	<0.001	<0.001	0.018	0.0002	0.0002
Xylene P,M	NE	NE	0.0038	0.414	0.0017	<0.002	<0.002	<0.002	0.0132	0.0003	0.0003
Xylenes (Total)	NE	NE	0.0182	0.658	0.0083	<0.003	<0.003	<0.003	0.0311	0.0005	<0.0005
Total VOCs	NE	NE	1.8038	6.515	0.1613	0.0015	0.0035	0.0223	0.6557	0.0142	0.0167

Notes
NE = Not Established
NA = Not Analyzed
NG = National Grid Property
LNG = LNG Facility
Blue shaded cells indicate detection limits equal to or exceeds the RIDEM Method 1 Criteria.
Gray shaded cells and bold values indicate the concentration exceeds the GB Groundwater Quality Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
BD071912 is the blind duplicate of RCA-11
Trip Blank is the trip blank sample for both days (7/18/12 and 7/19/12)
The Method 2 GB Groundwater Objective for naphthalene was developed by GZA in accordance with Appendix F of the Remediation Regulations.

TABLE 4
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS

642 Allens Avenue
Providence, Rhode Island

	RIDEM GB Groundwater UCL	RIDEM GB Groundwater Objective	RCA-13 NG 1207256-11 07/19/2012	VHB-3 NG 1207256-15 07/19/2012	VHB-6 NG 1207256-10 07/19/2012	VHB-7 NG 1207256-06 07/19/2012	VHB-8 NG 1207256-09 07/19/2012	VHB-10 NG 1207256-07 07/19/2012	VHB-21 NG 1207256-08 07/19/2012	Trip Blank 1207256-17 7/19/2012
VOLATILE ORGANICS										
1,1,1,2-Tetrachloroethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,1,1-Trichloroethane	68	3.1	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,1,2,2-Tetrachloroethane	NE	NE	<0.0005	<0.0005	<0.0005	<0.05	<0.0005	<0.0005	<0.05	<0.0005
1,1,2-Trichloroethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,1-Dichloroethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,1-Dichloroethene	23	0.007	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,1-Dichloropropene	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
1,2,3-Trichlorobenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2,3-Trichloropropane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2,4-Trichlorobenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2,4-Trimethylbenzene	NE	NE	0.0045	<0.001	<0.001	0.087	<0.001	0.002	0.291	<0.001
1,2-Dibromo-3-Chloropropane	NE	0.002	<0.005	<0.005	<0.005	<0.5	<0.005	<0.005	<0.5	<0.005
1,2-Dibromoethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2-Dichlorobenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2-Dichloroethane	670	0.11	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,2-Dichloropropane	140	3	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,3,5-Trimethylbenzene	NE	NE	0.0002	<0.001	<0.001	0.026	<0.001	<0.001	0.075	<0.001
1,3-Dichlorobenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,3-Dichloropropane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,4-Dichlorobenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
1,4-Dioxane - Screen	NE	NE	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<50	<0.5
1-Chlorohexane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
2,2-Dichloropropane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
2-Butanone	NE	NE	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<1	<0.01
2-Chlorotoluene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
2-Hexanone	NE	NE	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<1	<0.01
4-Chlorotoluene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
4-Isopropyltoluene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
4-Methyl-2-Pentanone	NE	NE	<0.025	<0.025	<0.025	<2.5	<0.025	<0.025	<2.5	<0.025
Acetone	NE	NE	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<1	<0.01
Benzene	18	0.14	0.0074	<0.001	0.0003	0.104	<0.001	**0.271**	**0.147**	<0.001
Bromobenzene	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
Bromochloromethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Bromodichloromethane	NE	NE	<0.0006	<0.0006	<0.0006	<0.06	<0.0006	<0.0006	<0.06	<0.0006
Bromoform	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Bromomethane	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
Carbon Disulfide	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Carbon Tetrachloride	NE	0.07	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Chlorobenzene	56	3.2	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Chloroethane	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
Chloroform	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Chloromethane	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
cis-1,2-Dichloroethene	69	2.4	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
cis-1,3-Dichloropropene	NE	NE	<0.0004	<0.0004	<0.0004	<0.04	<0.0004	<0.0004	<0.04	<0.0004
Dibromochloromethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Dibromomethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Dichlorodifluoromethane	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
Diethyl Ether	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Di-isopropyl ether	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Ethyl tertiary-butyl ether	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Ethylbenzene	16	1.6	0.0019	<0.001	0.0002	0.305	<0.001	0.008	1.31	<0.001
Hexachlorobutadiene	NE	NE	<0.0006	<0.0006	<0.0006	<0.06	<0.0006	<0.0006	<0.06	<0.0006
Hexachloroethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Isopropylbenzene	NE	NE	0.0017	<0.001	0.0012	0.011	<0.001	0.0097	0.028	<0.001
Methyl tert-Butyl Ether	NE	5	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Methylene Chloride	NE	NE	<0.002	<0.002	<0.002	<0.2	<0.002	<0.002	<0.2	<0.002
Naphthalene	NE	2.67	0.102	<0.001	0.0108	**5.02**	<0.001	0.0565	**9.12**	<0.001
n-Butylbenzene	NE	NE	0.0019	<0.001	<0.001	<0.1	<0.001	0.0008	<0.1	<0.001
n-Propylbenzene	NE	NE	0.0006	<0.001	<0.001	<0.1	<0.001	0.0027	<0.1	<0.001
sec-Butylbenzene	NE	NE	0.0006	<0.001	0.0002	<0.1	<0.001	0.0006	<0.1	<0.001
Styrene	50	2.2	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	0.019	<0.001
tert-Butylbenzene	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	0.0002	<0.1	<0.001
Tertiary-amyl methyl ether	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Tetrachloroethene	NE	0.15	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Tetrahydrofuran	NE	NE	<0.005	<0.005	<0.005	<0.5	<0.005	<0.005	<0.5	<0.005
Toluene	21	1.7	0.0021	<0.001	0.0001	0.05	<0.001	0.001	0.218	<0.001
trans-1,2-Dichloroethene	79	2.8	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
trans-1,3-Dichloropropene	NE	NE	<0.0004	<0.0004	<0.0004	<0.04	<0.0004	<0.0004	<0.04	<0.0004
Trichloroethene	87	0.54	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Trichlorofluoromethane	NE	NE	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Vinyl Acetate	NE	NE	<0.005	<0.005	<0.005	<0.5	<0.005	<0.005	<0.5	<0.005
Vinyl Chloride	NE	0.002	<0.001	<0.001	<0.001	<0.1	<0.001	<0.001	<0.1	<0.001
Xylene O	NE	NE	0.004	<0.001	0.0003	0.245	<0.001	0.008	0.705	<0.001
Xylene P,M	NE	NE	0.0047	<0.002	<0.002	0.399	<0.002	0.0013	1.13	<0.002
Xylenes (Total)	NE	NE	0.0088	<0.003	0.0003	0.644	<0.003	0.0093	1.83	<0.003
Total VOCs	NE	NE	0.1316	<0.6415	0.0131	6.247	<0.6415	0.3618	13.043	<0.6415

Notes
NE = Not Established
NA = Not Analyzed
NG = National Grid Property
LNG = LNG Facility
Blue shaded cells indicate detection limits equal to or exceeds the RIDEM Method 1 Criteria.
Gray shaded cells and bold values indicate the concentration exceeds the GB Groundwater Quality Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
BD071912 is the blind duplicate of RCA-11
Trip Blank is the trip blank sample for both days (7/18/12 and 7/19/12)
The Method 2 GB Groundwater Objective for naphthalene was developed by GZA in accordance with Appendix F of the Remediation Regulations.

TABLE 4
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS

642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater UCL	RIDEM GB Groundwater Objective	RCA-1 NG 1311376-13 11/20/2013	RCA-3 NG 1311376-03 11/19/2013	RCA-11 NG 1311376-15 11/20/2013	RCA-13 NG 1311376-05 11/19/2013	VHB-1 NG 1311376-14 11/20/2013	VHB-3 NG 1311376-01 11/19/2013	VHB-6 NG 1311376-04 11/19/2013	VHB-7 NG 1311376-16 11/20/2013	VHB-10 NG 1311376-12 11/20/2013	VHB-21 NG 1311376-06 11/19/2013	RCA-22 LNG 1311376-07 11/19/2013	RCA-28 LNG 1311376-10 11/19/2013	RCA-36 LNG 1311376-11 11/20/2013	RCA-38 LNG 1311376-08 11/19/2013	VHB-13 LNG 1311376-09 11/19/2013	BD 1 1311376-02 11/19/2013	Trip Blank 1311376-17 11/20/2013
VOLATILE ORGANICS																				
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	68	3.1	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050 D	<0.0005	<0.0050 D	<0.0005	<0.0050 D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	23	0.007	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.0668	<0.0010	0.0029	<0.0010	<0.0010	<0.0010	0.105 D	<0.0010	0.464 D	<0.0010	0.568 D	0.0051	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dibromo-3-Chloropropane	mg/L	NE	0.002	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	670	0.11	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	140	3	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.0085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0333 D	<0.0010	0.0638 D	<0.0010	0.245 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00 D	<0.500	<5.00 D	<0.500	<5.00 D	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	0.0023	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.250 D	<0.0250	<0.250 D	<0.0250	<0.250 D	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.100 D	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	18	0.14	0.0036	0.0113	0.0999	0.0103	<0.0010	0.0013	<0.0010	0.0761 D	**0.147 D**	**0.303 D**	0.0085	0.0539 D	0.0522	<0.0010	<0.0010	0.0012	<0.0010
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0060 D	<0.0006	<0.0060 D	<0.0006	<0.0060 D	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	NE	0.07	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	56	3.2	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	69	2.4	0.0103	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0040 D	<0.0004	<0.0040 D	<0.0004	<0.0040 D	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	16	1.6	<0.0010	0.0323	0.0012	<0.0010	<0.0010	<0.0010	<0.0010	0.335 D	0.0019	1.22 D	0.0022	0.21 D	0.0103	<0.0010	<0.0010	<0.0010	<0.0010
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0060 D	<0.0006	<0.0060 D	<0.0006	<0.0060 D	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	<0.0010	0.0098	<0.0010	0.001	0.0094	<0.0010	0.0014	<0.0100 D	0.0046	0.0366 D	0.0071	<0.0100 D	0.0023	<0.0010	<0.0010	<0.0010	<0.0010
Methyl tert-Butyl Ether	mg/L	NE	5	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0200 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

TABLE 4
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS

642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater UCL	RIDEM GB Groundwater Objective	RCA-1 NG 1311376-13 11/20/2013	RCA-3 NG 1311376-03 11/19/2013	RCA-11 NG 1311376-15 11/20/2013	RCA-13 NG 1311376-05 11/19/2013	VHB-1 NG 1311376-14 11/20/2013	VHB-3 NG 1311376-01 11/19/2013	VHB-6 NG 1311376-04 11/19/2013	VHB-7 NG 1311376-16 11/20/2013	VHB-10 NG 1311376-12 11/20/2013	VHB-21 NG 1311376-06 11/19/2013	RCA-22 LNG 1311376-07 11/19/2013	RCA-28 LNG 1311376-10 11/19/2013	RCA-36 LNG 1311376-11 11/20/2013	RCA-38 LNG 1311376-08 11/19/2013	VHB-13 LNG 1311376-09 11/19/2013	BD 1 1311376-02 11/19/2013	Trip Blank 1311376-17 11/20/2013
VOLATILE ORGANICS																				
Naphthalene	mg/L	NE	2.67	0.0124	0.417 D	0.0145	0.0784	0.0011	0.0068	0.0305	**4.74 D**	0.021	**13.2 D**	0.0055	**12.6 D**	0.0027	<0.0010	<0.0010	0.0057	<0.0010
n-Butylbenzene	mg/L	NE	NE	<0.0010	0.005	<0.0010	0.0016	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	0.0013	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	<0.0010	0.0059	<0.0010	<0.0010	0.0026	<0.0010	<0.0010	<0.0100 D	0.0013	<0.0100 D	0.0022	<0.0100 D	0.0013	<0.0010	<0.0010	<0.0010	<0.0010
sec-Butylbenzene	mg/L	NE	NE	<0.0010	0.0016	<0.0010	<0.0010	0.0031	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Styrene	mg/L	50	2.2	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	0.0184 D	<0.0010	0.0851 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	NE	0.15	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	21	1.7	<0.0010	0.0048	<0.0010	0.0013	<0.0010	<0.0010	<0.0010	0.0568 D	<0.0010	0.227 D	<0.0010	0.691 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,2-Dichloroethene	mg/L	79	2.8	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0040 D	<0.0004	<0.0040 D	<0.0004	<0.0040 D	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	87	0.54	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0360 D	<0.0036	<0.0360 D	<0.0036	<0.0360 D	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0500 D	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	NE	0.002	0.001	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0100 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0195	<0.0010	0.0026	<0.0010	<0.0010	<0.0010	0.315 D	0.0052	0.615 D	0.002	0.876 D	0.0029	<0.0010	<0.0010	<0.0010	<0.0010
Xylene P,M	mg/L	NE	NE	<0.0020	0.0121	<0.0020	0.0032	<0.0020	<0.0020	<0.0020	0.507 D	<0.0020	1.08 D	<0.0020	1.56 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Xylenes (Total)	mg/L	NE	NE	<0.0020	0.0316	<0.0020	0.0058	<0.0020	<0.0020	<0.0020	0.822 D	0.0052	1.7 D	0.002	2.43 D	0.0029	<0.0020	<0.0020	<0.0020	<0.0020
Total VOCs	mg/L	NE	NE	0.0273	0.5969	0.1156	0.1013	0.0162	0.0081	0.0319	6.1682	0.181	17.2278	0.0288	16.889	0.0768	<0.6451	<0.6451	0.0069	<0.6451

Notes

NE = Not Established

"D" qualifier indicates analytes reported from a diluted run of the original analysis.

Well is located at the National Grid side of the Property

Well is located at the LNG Facility

Blue shaded cells indicate detection limits equal to or exceeds the RIDEM Method 1 Criteria.

Gray shaded cells and bold values indicate the concentration exceeds the GB Groundwater Quality Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

BD 1 is the blind duplicate collected from VHB-3.

Trip Blank is the trip blank sample for both days (11/19/12 and 11/20/12)

The Method 2 GB Groundwater Objective for naphthalene was developed by GZA in accordance with Appendix F of the Remediation Regulations.

This table presents analytical results from 2013. Previously submitted groundwater monitoring reports present analytical results that have been previously collected.

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	RCA-1 1406415-01 06/18/2014	RCA-3 1406415-07 06/18/2014	RCA-5 1406486-06 06/19/2014	RCA-11 1406486-13 06/20/2014	RCA-12R 1406415-04 06/18/2014	RCA-13 1406486-15 06/20/2014	RCA-22 1406486-07 06/19/2014	RCA-28 1406486-11 06/19/2014	RCA-36 1406486-03 06/19/2014	RCA-38 1406486-08 06/19/2014	VHB-1 1406371-03 06/17/2014	VHB-3 1406415-16 06/18/2014	VHB-6 1406486-16 06/20/2014	VHB-7 1406486-14 06/20/2014
EPA Method 8260B VOLATILE ORGANICS																	
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.076	0.0039	<0.0010	<0.0010	0.0018	0.0042	0.109 D	0.0203	<0.0010	<0.0010	<0.0010	<0.0010	0.056
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.0118	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.053	0.0014	<0.0010	<0.0010	<0.0010	<0.0010	0.017
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	0.0039	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	0.14	18	0.0033	0.0051	0.008	<0.0010	<0.0010	0.0025	**0.766 D**	0.0207	**0.158 D**	<0.0010	<0.0010	<0.0010	<0.0010	0.0351
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Notes

Well is located in the Natural Gas Regulator portion of the Property

Well is located at the LNG Facility

Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	RCA-1 1406415-01 06/18/2014	RCA-3 1406415-07 06/18/2014	RCA-5 1406486-06 06/19/2014	RCA-11 1406486-13 06/20/2014	RCA-12R 1406415-04 06/18/2014	RCA-13 1406486-15 06/20/2014	RCA-22 1406486-07 06/19/2014	RCA-28 1406486-11 06/19/2014	RCA-36 1406486-03 06/19/2014	RCA-38 1406486-08 06/19/2014	VHB-1 1406371-03 06/17/2014	VHB-3 1406415-16 06/18/2014	VHB-6 1406486-16 06/20/2014	VHB-7 1406486-14 06/20/2014
EPA Method 8260B VOLATILE ORGANICS																	
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	0.0127	<0.0010	<0.0010	<0.0010	0.0127	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	<0.0010	0.0206	0.0094	<0.0010	<0.0010	<0.0010	0.0404	0.0492	0.0303	<0.0010	0.0016	<0.0010	<0.0010	0.116 D
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	<0.0010	0.0123	0.0017	<0.0010	<0.0010	<0.0010	0.0273	0.0028	0.0047	<0.0010	0.0118	<0.0010	<0.0010	0.0062
Methyl tert-Butyl Ether	mg/L	5	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	<0.0010	0.461 D	0.0199	<0.0010	<0.0010	0.0242	0.39 D	**2.95 D**	0.0567	<0.0010	0.0013	<0.0010	0.0211	2.42 D
n-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0028	0.0054	<0.0010	0.0031	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	<0.0010	0.0075	<0.0010	<0.0010	<0.0010	<0.0010	0.0086	<0.0010	0.0027	<0.0010	0.0024	<0.0010	<0.0010	0.0016
sec-Butylbenzene	mg/L	NE	NE	<0.0010	0.0018	<0.0010	<0.0010	<0.0010	<0.0010	0.0016	<0.0010	<0.0010	<0.0010	0.0033	<0.0010	<0.0010	<0.0010
Styrene	mg/L	2.2	50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0047	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.001	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes

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NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	RCA-1 1406415-01 06/18/2014	RCA-3 1406415-07 06/18/2014	RCA-5 1406486-06 06/19/2014	RCA-11 1406486-13 06/20/2014	RCA-12R 1406415-04 06/18/2014	RCA-13 1406486-15 06/20/2014	RCA-22 1406486-07 06/19/2014	RCA-28 1406486-11 06/19/2014	RCA-36 1406486-03 06/19/2014	RCA-38 1406486-08 06/19/2014	VHB-1 1406371-03 06/17/2014	VHB-3 1406415-16 06/18/2014	VHB-6 1406486-16 06/20/2014	VHB-7 1406486-14 06/20/2014
EPA Method 8260B VOLATILE ORGANICS																	
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	<0.0010	0.0024	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.1 D	0.0011	<0.0010	<0.0010	<0.0010	<0.0010	0.0266
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	0.0066	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	<0.0010	<0.0010	<0.0010	<0.0010	**0.0022**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0118	0.0037	<0.0010	<0.0010	<0.0010	0.0108	0.136 D	0.0116	<0.0010	0.001	<0.0010	<0.0010	0.0955 D
Xylene P,M	mg/L	NE	NE	<0.0020	0.0104	<0.0020	<0.0020	<0.0020	<0.0020	0.0024	0.197	0.0025	<0.0020	<0.0020	<0.0020	<0.0020	0.166
Xylenes (Total)	mg/L	NE	NE	<0.0020	0.0222	0.0037	<0.0020	<0.0020	<0.0020	0.0132	0.333 D	0.0141	<0.0020	<0.0020	<0.0020	<0.0020	0.262 D

Notes

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Well is located at the LNG Facility
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NE = Not Established
Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.
Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.
D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	VHB-8R 1406371-07 06/17/2014	VHB-10 1406371-06 06/17/2014	VHB-13 1406486-01 06/19/2014	VHB-20 1406486-09 06/19/2014	VHB-21 1406486-18 06/20/2014	GZ-301D 1406415-06 06/18/2014	GZ-302S 1406415-11 06/18/2014	GZ-302D 1406415-05 06/18/2014	GZ-303S 1406415-02 06/18/2014	GZ-303D 1406415-03 06/18/2014	GZ-304D 1406415-10 06/18/2014	GZ-305S 1406415-12 06/18/2014
EPA Method 8260B VOLATILE ORGANICS															
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.216 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0664	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0025	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	0.14	18	<0.0010	0.0808	<0.0010	0.0541	0.117 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0053	<0.0010
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

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EPA Method 8260B VOLATILE ORGANICS															
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0172	0.0057	0.021	0.004	0.016	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	<0.0010	0.0017	<0.0010	<0.0010	0.92 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	<0.0010	0.0055	<0.0010	0.0061	0.0238	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0012
Methyl tert-Butyl Ether	mg/L	5	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	<0.0010	0.0192	<0.0010	0.0128	**9.8 D**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.046	<0.0010
n-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	<0.0010	0.0019	<0.0010	<0.0010	0.0056	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
sec-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Styrene	mg/L	2.2	50	<0.0010	<0.0010	<0.0010	<0.0010	0.0242	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0289	0.0465	<0.0010	0.0277	<0.0010	<0.0010

Notes

Well is located in the Natural Gas Regulator portion of the Property

Well is located at the LNG Facility

Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	VHB-8R 1406371-07 06/17/2014	VHB-10 1406371-06 06/17/2014	VHB-13 1406486-01 06/19/2014	VHB-20 1406486-09 06/19/2014	VHB-21 1406486-18 06/20/2014	GZ-301D 1406415-06 06/18/2014	GZ-302S 1406415-11 06/18/2014	GZ-302D 1406415-05 06/18/2014	GZ-303S 1406415-02 06/18/2014	GZ-303D 1406415-03 06/18/2014	GZ-304D 1406415-10 06/18/2014	GZ-305S 1406415-12 06/18/2014
EPA Method 8260B VOLATILE ORGANICS															
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	<0.0010	<0.0010	<0.0010	<0.0010	0.21 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0128	0.0197	<0.0010	0.0125	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.007**	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0038	<0.0010	0.0028	0.54 D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene P,M	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	0.802 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Xylenes (Total)	mg/L	NE	NE	<0.0020	0.0038	<0.0020	0.0028	1.34 D	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Notes

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NE = Not Established
Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.
Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.
D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	GZ-306S 1406415-13 06/18/2014	GZ-307S 1406371-01 06/17/2014	GZ-308S 1406371-04 06/17/2014	GZ-309D 1406371-02 06/17/2014	GZ-311D 1406415-14 06/18/2014	GZ-312S 1406415-09 06/18/2014	GZ-312D 1406415-15 06/18/2014	GZ-313D 1406415-08 06/18/2014	GZ-314S 1406486-05 06/19/2014	GZ-314D 1406486-04 06/19/2014	GZ-315D 1406486-02 06/19/2014	GZ-318D 1406486-17 06/20/2014	GZ-319D 1406486-10 06/19/2014	GZ-320D 1406371-05 06/17/2014
EPA Method 8260B VOLATILE ORGANICS																	
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0215	<0.0010	0.0018	0.0565	0.247 D	0.183 D	0.2 D	0.104 D	0.0032	<0.0010
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0082	<0.0010	<0.0010	0.0112	0.0667	0.0379	0.056	0.0351	<0.0010	<0.0010
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0012	<0.0010	<0.0010	0.0024	0.0111	0.0083	0.0117	0.0011	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	0.049	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	0.14	18	<0.0010	<0.0010	<0.0010	<0.0010	0.0216	<0.0010	0.0017	0.0433	**7.27 D**	**2.01 D**	**0.698 D**	**1.82 D**	0.0092	0.0015
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Notes

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NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

File No. 03.00033554.00
8/24/2017

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	GZ-306S 1406415-13 06/18/2014	GZ-307S 1406371-01 06/17/2014	GZ-308S 1406371-04 06/17/2014	GZ-309D 1406371-02 06/17/2014	GZ-311D 1406415-14 06/18/2014	GZ-312S 1406415-09 06/18/2014	GZ-312D 1406415-15 06/18/2014	GZ-313D 1406415-08 06/18/2014	GZ-314S 1406486-05 06/19/2014	GZ-314D 1406486-04 06/19/2014	GZ-315D 1406486-02 06/19/2014	GZ-318D 1406486-17 06/20/2014	GZ-319D 1406486-10 06/19/2014	GZ-320D 1406371-05 06/17/2014
EPA Method 8260B VOLATILE ORGANICS																	
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.059	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	<0.0010	<0.0010	<0.0010	<0.0010	0.0044	<0.0010	<0.0010	0.0147	1.57 D	0.642 D	0.596 D	0.316 D	0.0047	<0.0010
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	0.0074	0.0241	0.0097	<0.0010	0.0011	<0.0010	<0.0010	0.0111	0.0579	0.0448	0.055	0.0144	0.001	<0.0010
Methyl tert-Butyl Ether	mg/L	5	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0119	0.003	<0.0010	<0.0010	<0.0010	<0.0010	0.0017	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	0.0093	0.0104	0.0028	<0.0010	1.16 D	<0.0010	0.0107	0.284 D	**5.37 D**	**3.43 D**	**3.89 D**	**2.88 D**	0.0999	0.0011
n-Butylbenzene	mg/L	NE	NE	<0.0010	0.0036	0.0018	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	0.0024	0.0148	0.0082	<0.0010	<0.0010	<0.0010	<0.0010	0.0035	0.018	0.018	0.0164	0.0027	<0.0010	<0.0010
sec-Butylbenzene	mg/L	NE	NE	0.0051	0.0058	0.0024	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0016	0.002	0.0016	<0.0010	<0.0010	<0.0010
Styrene	mg/L	2.2	50	<0.0010	<0.0010	<0.0010	<0.0010	0.0044	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0044	0.0013	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	0.001	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes

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Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 16
SUMMARY OF GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	GZ-306S 1406415-13 06/18/2014	GZ-307S 1406371-01 06/17/2014	GZ-308S 1406371-04 06/17/2014	GZ-309D 1406371-02 06/17/2014	GZ-311D 1406415-14 06/18/2014	GZ-312S 1406415-09 06/18/2014	GZ-312D 1406415-15 06/18/2014	GZ-313D 1406415-08 06/18/2014	GZ-314S 1406486-05 06/19/2014	GZ-314D 1406486-04 06/19/2014	GZ-315D 1406486-02 06/19/2014	GZ-318D 1406486-17 06/20/2014	GZ-319D 1406486-10 06/19/2014	GZ-320D 1406371-05 06/17/2014
EPA Method 8260B VOLATILE ORGANICS																	
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	<0.0010	0.0019	<0.0010	<0.0010	0.0068	<0.0010	<0.0010	0.0018	0.0368	0.0147	0.0184	0.156 D	0.0013	<0.0010
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0012	<0.0010	<0.0010	0.0083	<0.0010	<0.0010	0.0153	0.412 D	0.144 D	0.288 D	0.184 D	0.0032	<0.0010
Xylene P,M	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	0.0121	<0.0020	<0.0020	0.0065	<0.200 D	0.0407	0.0867	0.208 D	0.003	<0.0020
Xylenes (Total)	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	0.0204	<0.0020	<0.0020	0.0218	0.412 D	0.185 D	0.375 D	0.392 D	0.0062	<0.0020

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
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NE = Not Established
Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.
Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.
D modifier - Analyte concentration obtained from dilution

TABLE 17
SUMMARY OF 2015 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	RCA-1 1510464-01 10/15/2015	RCA-3 1510464-02 10/15/2015	RCA-11 1510464-03 10/15/2015	RCA-12R 1510464-04 10/15/2015	RCA-22 1510464-05 10/16/2015	RCA-28 1510463-08 10/16/2015	RCA-36 1510503-01 10/19/2015	RCA-38 1510464-06 10/16/2015	VHB-1 1510464-08 10/15/2015	VHB-3 1510464-07 10/15/2015	VHB-6 1510464-09 10/15/2015
EPA Method 8260B VOLATILE ORGANICS														
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	0.0004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.148	0.0001	<0.0010	0.0055	0.203	0.0017	<0.0010	0.0004	<0.0010	<0.0010
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.024	<0.0010	<0.0010	<0.0010	0.0853	0.0001	<0.0010	0.0001	<0.0010	<0.0010
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	0.0059	<0.0010	<0.0010	<0.0010	0.0012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.059	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Benzene	mg/L	0.14	18	0.0028	0.116	0.0007	<0.0010	**1.88**	0.035	0.0229	<0.0010	0.0002	<0.0010	<0.0010
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

Notes

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EPA Method 8260B VOLATILE ORGANICS														
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0191	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	0.0056	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	<0.0010	0.0841	<0.0010	<0.0010	0.063	0.0944	0.0028	<0.0010	<0.0010	<0.0010	<0.0010
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	<0.0010	0.0228	<0.0010	<0.0010	0.0404	0.0042	0.0004	0.0001	0.0119	<0.0010	0.0004
Methyl tert-Butyl Ether	mg/L	5	NE	0.0006	0.0004	<0.0010	0.0006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	<0.003	0.813	0.0051	<0.003	0.0152	**5.77**	0.0015	<0.002	0.0016	<0.0010	<0.002
n-Butylbenzene	mg/L	NE	NE	<0.0010	0.008	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	<0.0010	0.0094	<0.0010	<0.0010	0.0086	0.001	0.0002	<0.0010	0.0024	<0.0010	<0.0010
sec-Butylbenzene	mg/L	NE	NE	<0.0010	0.0021	<0.0010	<0.0010	0.0015	0.0005	<0.0010	<0.0010	0.0038	<0.0010	<0.0010
Styrene	mg/L	2.2	50	<0.0010	0.0009	0.0003	<0.0010	0.0001	0.0078	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	0.0006	<0.0010	<0.0010	0.0003	<0.0010	<0.0010	<0.0010	0.001	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010

Notes

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EPA Method 8260B VOLATILE ORGANICS														
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	<0.0010	0.012	0.001	<0.0010	0.0024	0.245	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	**0.0074**	<0.0010	<0.0010	0.0006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0525	0.0002	<0.0010	0.0292	0.16	0.0009	<0.0010	0.0008	<0.0010	<0.0010
Xylene P,M	mg/L	NE	NE	<0.0020	0.0409	0.0004	<0.0020	0.0039	0.366	0.0003	<0.0020	0.0004	<0.0020	<0.0020
Xylenes (Total)	mg/L	NE	NE	<0.0020	0.0934	0.0006	<0.0020	0.0332	0.526	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020

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D modifier - Analyte concentration obtained from dilution

TABLE 17
SUMMARY OF 2015 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	VHB-7 1510464-11 10/15/2015	VHB-8R 1510464-12 10/15/2015	VHB-10 1510464-13 10/15/2015	VHB-13 1510503-02 10/19/2015	VHB-21 1510463-01 10/15/2015	GZ-301D 1510463-02 10/15/2015	GZ-304D 1510463-03 10/15/2015	GZ-309D 1510463-04 10/15/2015	GZA-314S 1510463-05 10/16/2015	GZ-314D 1510463-06 10/16/2015
EPA Method 8260B VOLATILE ORGANICS													
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0500	<0.0005	<0.0005	<0.0005	<0.0500	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	0.0004	<0.0010	<0.100	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	0.119	<0.0010	0.0009	<0.0010	0.279	<0.0010	<0.0010	<0.0010	0.258	0.0825
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.500	<0.0050	<0.0050	<0.0050	<0.500	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	0.0422	<0.0010	<0.0010	<0.0010	0.047	<0.0010	<0.0010	<0.0010	0.049	0.0218
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500	<0.500	<50.0	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<1.00	<0.0100	<0.0100	<0.0100	<1.00	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<1.00	<0.0100	<0.0100	<0.0100	<1.00	<0.0100
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	0.016	0.0038
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<2.50	<0.0250	<0.0250	<0.0250	<2.50	<0.0250
Acetone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<1.00	<0.0100	<0.0100	<0.0100	<1.00	0.0028
Benzene	mg/L	0.14	18	0.0485	<0.0010	**0.162**	<0.0010	**0.682**	0.0002	0.0023	<0.0010	**7.67**	**1.79**
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020

Notes

Well is located in the Natural Gas Regulator portion of the Property
Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
NE = Not Established
Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.
Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.
D modifier - Analyte concentration obtained from dilution

TABLE 17
SUMMARY OF 2015 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	VHB-7 1510464-11 10/15/2015	VHB-8R 1510464-12 10/15/2015	VHB-10 1510464-13 10/15/2015	VHB-13 1510503-02 10/19/2015	VHB-21 1510463-01 10/15/2015	GZ-301D 1510463-02 10/15/2015	GZ-304D 1510463-03 10/15/2015	GZ-309D 1510463-04 10/15/2015	GZA-314S 1510463-05 10/16/2015	GZ-314D 1510463-06 10/16/2015
EPA Method 8260B VOLATILE ORGANICS													
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0600	<0.0006	<0.0006	<0.0006	<0.0600	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
Carbon Disulfide	mg/L	NE	NE	0.0022	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	0.0023
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	0.0272	0.0168	<0.0010	<0.100	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0400	<0.0004	<0.0004	<0.0004	<0.0400	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Ethylbenzene	mg/L	1.6	16	0.2	<0.0010	0.0021	<0.0010	1.47	<0.0010	<0.0010	<0.0010	**2.37**	0.518
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0600	<0.0006	<0.0006	<0.0006	<0.0600	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Isopropylbenzene	mg/L	NE	NE	0.011	<0.0010	0.0042	<0.0010	0.031	<0.0010	<0.0010	<0.0010	0.052	0.0296
Methyl tert-Butyl Ether	mg/L	5	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	0.0005	<0.0010	<0.100	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.200	<0.0020	<0.0020	<0.0020	<0.200	<0.0020
Naphthalene	mg/L	2.67	NE	**5.16**	<0.0010	0.0413	<0.0010	**8.85**	<0.003	<0.003	<0.003	**4.44**	**2.99**
n-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
n-Propylbenzene	mg/L	NE	NE	0.0024	<0.0010	0.0013	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	0.0092
sec-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	0.0003	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	0.0011
Styrene	mg/L	2.2	50	0.0011	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	0.0005
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	0.0003
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	0.0039	<0.0010	<0.0010	<0.100	<0.0010

Notes

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Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 17
SUMMARY OF 2015 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater Objective	RIDEM GB Groundwater UCL	VHB-7 1510464-11 10/15/2015	VHB-8R 1510464-12 10/15/2015	VHB-10 1510464-13 10/15/2015	VHB-13 1510503-02 10/19/2015	VHB-21 1510463-01 10/15/2015	GZ-301D 1510463-02 10/15/2015	GZ-304D 1510463-03 10/15/2015	GZ-309D 1510463-04 10/15/2015	GZA-314S 1510463-05 10/16/2015	GZ-314D 1510463-06 10/16/2015
EPA Method 8260B VOLATILE ORGANICS													
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.500	<0.0050	<0.0050	<0.0050	<0.500	<0.0050
Toluene	mg/L	1.7	21	0.0551	<0.0010	0.0015	<0.0010	0.18	<0.0010	<0.0010	<0.0010	0.052	0.0145
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	0.0004	<0.0010	<0.0010	<0.100	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0400	<0.0004	<0.0004	<0.0004	<0.0400	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	0.012	<0.0010	<0.0010	<0.100	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.100	<0.0010
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.500	<0.0050	<0.0050	<0.0050	<0.500	<0.0050
Vinyl Chloride	mg/L	0.002	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.100	**0.0038**	0.0002	<0.0010	<0.100	<0.0010
Xylene O	mg/L	NE	NE	0.132	<0.0010	0.0044	<0.0010	0.726	<0.0010	<0.0010	<0.0010	0.546	0.082
Xylene P,M	mg/L	NE	NE	0.201	<0.0020	0.0007	<0.0020	0.771	<0.0020	<0.0020	<0.0020	0.226	0.0347
Xylenes (Total)	mg/L	NE	NE	0.333	<0.0020	0.0051	<0.0020	1.5	<0.0020	<0.0020	<0.0020	0.772	0.117

Notes

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Well is located at the LNG Facility
Well is located in the CNG Fueling Station portion of the Property
NE = Not Established
Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.
Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.
Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit
Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.
D modifier - Analyte concentration obtained from dilution

TABLE 18
SUMMARY OF 2016 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater	RIDEM GB Groundwater UCL	RCA-1 1605608-04 5/20/2016	RCA-3 1605607-04 5/19/2016	RCA-11 1605608-08 5/20/2016	RCA-12R 1605608-02 5/20/2016	RCA-22 1605607-10 5/19/2016	RCA-28 1605607-09 5/19/2016	RCA-36 1605607-07 5/19/2016	RCA-38 1605607-12 5/19/2016	VHB-1 1605608-06 5/20/2016	VHB-3 1605607-02 5/20/2016	VHB-6 1605607-01 5/19/2016	VHB-7 1605608-09 5/20/2016	VHB-8R 1605608-07 5/20/2016
EPA Method 8260B VOLATILE ORGANICS																
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	0.0003	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.116	0.0004	<0.0010	0.0084	0.105	0.0049	<0.0010	0.0579	<0.0010	0.0007	<0.0010	<0.0010
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.025	<0.0010	<0.0010	0.0005	0.0621	0.0004	<0.0010	0.0161	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Notes

Well is located in the Natural Gas Regulator portion of the Property

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Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 18
SUMMARY OF 2016 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater	RIDEM GB Groundwater UCL	RCA-1 1605608-04 5/20/2016	RCA-3 1605607-04 5/19/2016	RCA-11 1605608-08 5/20/2016	RCA-12R 1605608-02 5/20/2016	RCA-22 1605607-10 5/19/2016	RCA-28 1605607-09 5/19/2016	RCA-36 1605607-07 5/19/2016	RCA-38 1605607-12 5/19/2016	VHB-1 1605608-06 5/20/2016	VHB-3 1605607-02 5/20/2016	VHB-6 1605607-01 5/19/2016	VHB-7 1605608-09 5/20/2016	VHB-8R 1605608-07 5/20/2016
EPA Method 8260B VOLATILE ORGANICS																
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	0.0089	<0.0010	<0.0010	0.0005	0.0013	<0.0010	<0.0010	0.0005	<0.0010	<0.0010	<0.0010	<0.0010
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0031	<0.0010	<0.0010	<0.0010	<0.0010
Benzene	mg/L	0.14	18	0.0016	0.0049	0.001	<0.0010	**1.11**	0.021	0.0468	<0.0010	0.0085	<0.0010	0.0002	0.0485	<0.0010
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0191	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	0.0042	<0.0010	<0.0010	0.0099	0.0003	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	<0.0010	0.0261	0.0001	<0.0010	0.063	0.0523	0.0043	<0.0010	0.118	<0.0010	0.0002	<0.0010	<0.0010

Notes

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NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 18
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642 Allens Avenue
Providence, Rhode Island

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EPA Method 8260B VOLATILE ORGANICS																
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	<0.0010	0.0228	<0.0010	<0.0010	0.0398	0.0048	0.0018	0.0001	0.0063	<0.0010	0.0011	<0.0010	<0.0010
Methyl tert-Butyl Ether	mg/L	5	NE	0.0006	0.0004	<0.0010	0.0006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	0.0052	0.554	0.0093	<0.003	0.614	**3.19**	0.005	0.0006	2.23	0.0008	0.0147	0.0003	0.0003
n-Butylbenzene	mg/L	NE	NE	<0.0010	0.0121	<0.0010	<0.0010	0.0046	0.002	<0.0010	<0.0010	<0.0010	<0.0010	0.0002	<0.0010	<0.0010
n-Propylbenzene	mg/L	NE	NE	<0.0010	0.0122	<0.0010	<0.0010	0.0103	0.001	0.0009	<0.0010	0.0016	<0.0010	<0.0010	<0.0010	<0.0010
sec-Butylbenzene	mg/L	NE	NE	<0.0010	0.0033	<0.0010	<0.0010	0.0022	0.0003	<0.0010	<0.0010	0.0004	<0.0010	<0.0010	<0.0010	<0.0010
Styrene	mg/L	2.2	50	<0.0010	0.0009	<0.0010	<0.0010	<.0010	0.0117	<0.0010	<0.0010	0.0032	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	0.0011	<0.0010	<0.0010	0.0006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	0.0002	0.003	0.0003	<0.0010	0.0014	0.097	0.0003	<0.0010	0.0108	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	0.0063	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	**0.0067**	<0.0010	<0.0010	**0.0022**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	<0.0010	0.0173	0.0002	<0.0010	0.0197	0.128	0.0024	0.0001	0.113	<0.0010	0.0003	<0.0010	<0.0010
Xylene P,M	mg/L	NE	NE	<0.0020	0.0192	0.0003	<0.0020	0.0051	0.147	0.0009	<0.0020	0.132	<0.0020	<0.0020	<0.0020	<0.0020
Xylenes (Total)	mg/L	NE	NE	<0.0020	0.0365	0.0005	<0.0020	0.0248	0.275	0.0032	<0.0020	0.245	<0.0020	<0.0020	<0.0020	<0.0020

Notes

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Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

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642 Allens Avenue
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EPA Method 8260B VOLATILE ORGANICS											
1,1,1,2-Tetrachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	3.1	68	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1,2,2-Tetrachloroethane	mg/L	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0003	<0.0010	<0.0010	<0.0010
1,1-Dichloroethene	mg/L	0.007	23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
1,2,3-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	NE	NE	0.0002	0.0049	0.32	<0.0010	<0.0010	0.0002	0.338	0.12
1,2-Dibromo-3-Chloropropane	mg/L	0.002	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dibromoethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloroethane	mg/L	0.11	670	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichloropropane	mg/L	3	140	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	NE	NE	<0.0010	0.0004	0.09	<0.0010	<0.0010	0.0001	0.0862	0.0185
1,3-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dioxane - Screen	mg/L	NE	NE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
1-Chlorohexane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Butanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
2-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone	mg/L	NE	NE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Notes

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EPA Method 8260B VOLATILE ORGANICS											
4-Chlorotoluene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	NE	NE	<0.0010	<0.0010	0.0024	<0.0010	<0.0010	<0.0010	0.0141	0.0035
4-Methyl-2-Pentanone	mg/L	NE	NE	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
Acetone	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0028
Benzene	mg/L	0.14	18	0.0326	0.0468	**0.148**	0.0002	0.002	<0.0010	**4.83**	**1.22**
Bromobenzene	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Bromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Bromoform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Carbon Disulfide	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0023
Carbon Tetrachloride	mg/L	0.07	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chlorobenzene	mg/L	3.2	56	<0.0010	<0.0010	0.0002	<0.0010	<0.0010	<0.0010	0.0003	<0.0010
Chloroethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chloroform	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
cis-1,2-Dichloroethene	mg/L	2.4	69	<0.0010	<0.0010	<0.0010	0.0003	0.0148	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Dibromochloromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Dichlorodifluoromethane	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Diethyl Ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Di-isopropyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethyl tertiary-butyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Ethylbenzene	mg/L	1.6	16	0.0002	0.0043	1.21	<0.0010	<0.0010	<0.0010	**1.83**	0.438

Notes

Well is located in the Natural Gas Regulator portion of the Property

Well is located at the LNG Facility

Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

TABLE 18
SUMMARY OF 2016 GROUNDWATER VOC ANALYTICAL RESULTS
642 Allens Avenue
Providence, Rhode Island

	Units	RIDEM GB Groundwater	RIDEM GB Groundwater UCL	VHB-10 1605607-05 5/19/2016	VHB-13 1605607-06 5/19/2016	VHB-21 1605608-10 5/20/2016	GZ-301D 1605608-01 5/20/2016	GZ-304D 1605608-03 5/20/2016	GZ-309D 1605608-05 5/20/2016	GZA-314S 1605607-13 5/19/2016	GZ-314D 1605607-11 5/19/2016
EPA Method 8260B VOLATILE ORGANICS											
Hexachlorobutadiene	mg/L	NE	NE	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Hexachloroethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Isopropylbenzene	mg/L	NE	NE	0.002	0.0018	0.0201	<0.0010	<0.0010	0.0112	0.0794	0.0253
Methyl tert-Butyl Ether	mg/L	5	NE	<0.0010	<0.0010	<0.0010	<0.0010	0.0006	<0.0010	<0.0010	<0.0010
Methylene Chloride	mg/L	NE	NE	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Naphthalene	mg/L	2.67	NE	0.0027	0.005	**12.1**	<0.003	0.0005	0.0009	**6.41**	2.52
n-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	0.0026	<0.0010	<0.0010	<0.0010	0.014	0.0027
n-Propylbenzene	mg/L	NE	NE	0.0003	0.0009	0.0055	<0.0010	<0.0010	0.0028	0.0229	0.0082
sec-Butylbenzene	mg/L	NE	NE	0.0003	<0.0010	0.0006	<0.0010	<0.0010	0.0033	0.0026	0.0008
Styrene	mg/L	2.2	50	<0.0010	<0.0010	0.0298	<0.0010	<0.0010	<0.0010	0.0032	<0.0010
tert-Butylbenzene	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0007	<0.0010	0.0003
Tertiary-amyl methyl ether	mg/L	NE	NE	<0.0010	<0.0010	<0.100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tetrachloroethene	mg/L	0.15	NE	<0.0010	<0.0010	<0.0010	0.0039	<0.0010	<0.0010	<0.0010	<0.0010
Tetrahydrofuran	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Toluene	mg/L	1.7	21	0.0002	0.0003	0.226	<0.0010	<0.0010	0.0002	0.043	0.0086
trans-1,2-Dichloroethene	mg/L	2.8	79	<0.0010	<0.0010	<0.0010	0.0004	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	NE	NE	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
Trichloroethene	mg/L	0.54	87	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Trihalomethanes (Total)	mg/L	NE	NE	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Vinyl Acetate	mg/L	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Vinyl Chloride	mg/L	0.002	NE	<0.0010	<0.0010	<0.0010	0.0007	0.0002	<0.0010	<0.0010	<0.0010
Xylene O	mg/L	NE	NE	0.0015	0.0024	0.655	<0.0010	<0.0010	0.0008	0.5	0.0964
Xylene P,M	mg/L	NE	NE	0.0002	0.0009	1.25	<0.0020	<0.0020	0.0004	0.18	0.0208
Xylenes (Total)	mg/L	NE	NE	0.0051	0.0032	1.91	<0.0020	<0.0020	<0.0020	0.681	0.117

Notes

Well is located in the Natural Gas Regulator portion of the Property

Well is located at the LNG Facility

Well is located in the CNG Fueling Station portion of the Property

NE = Not Established

Blue shaded cells indicate that the detection limit exceeds the RIDEM GB Groundwater Objective.

Gray shaded cells and bolded text indicate the concentration exceeds the GB Groundwater Objective.

Underlined concentrations exceed the RIDEM GB Groundwater Upper Concentration Limit

Method 2 GB Objective criteria for naphthalene developed by GZA in accordance with the methods described in the Remediation Regulations.

D modifier - Analyte concentration obtained from dilution

Division 1-2

Request:

Re: the 170 Allens Avenue project, please:

a. Provide the evaluation of potential leasing of site to a third party for:
   i. Salt Storage;
   ii. Redevelopment into a parking lot.

b. Provide detailed documentation of the manner in which the dollar amounts of the Cargill reimbursements for costs incurred for the 170 Allens Avenue project were determined including the supporting workpapers, studies and analyses for those determinations.

Response:

a. The Company has been actively trying to lease the Company-owned property at 170 Allens Avenue, Providence, since the site's upland remedy was completed in 2014. Potential lessees have been limited during the reporting period, but have included two separate entities interested in leasing the property, one for salt storage and another for a parking lot. The Company's evaluation for each is set forth below.

   i. In August 2016, the Company, through its broker, was approached by an entity wanting to potentially use the property for the storage of salt. The Company met with the potential lessee in September 2016 to discuss the suitability of the site for salt storage. As part of the evaluation, the Company engaged GZA to evaluate the site for this potential use, taking into account various constraints including permitting and zoning requirements, site conditions, and geotechnical considerations. The final evaluation included a site plan showing the available area for potential storage and traffic lanes between the two lots. Please see Attachment DIV 1-2a.i for the site plan. Upon providing the information to the potential lessee, the lessee decided to forgo leasing the property.

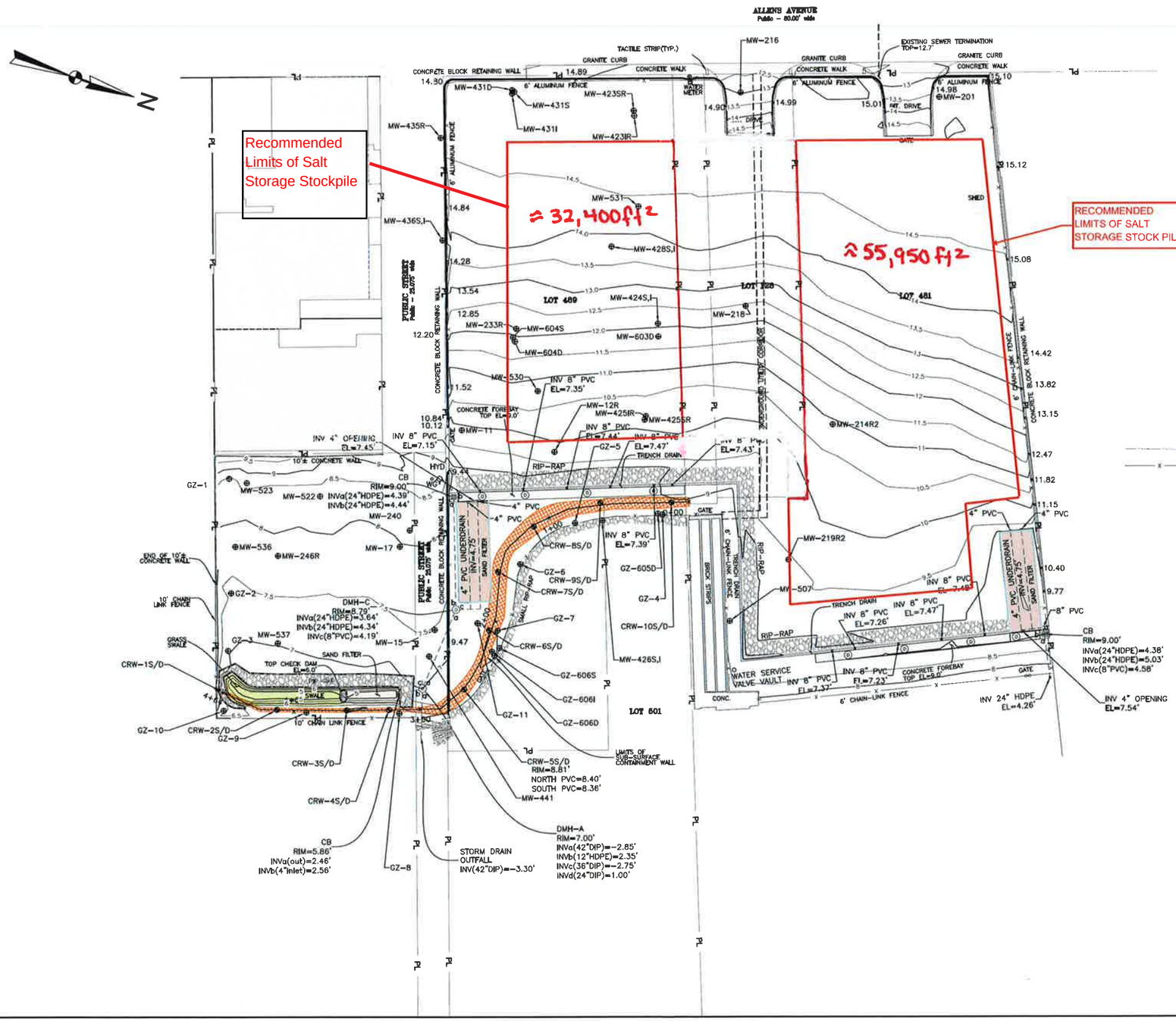
   ii. In February 2017, the Company submitted a competitive sealed bid in response to a Request for Proposal for a secured parking facility. In March 2017, the Company submitted additional information to

supplement its original response. Ultimately, the Request for Proposal was cancelled by the potential lessee. Please see Attachment DIV 1-2a.ii for the Company's evaluation of the potential leasing site for redevelopment into a parking lot, which was included in the Company's Technical Proposal and March 2017 supplemental information submitted with its confidential, competitive sealed bid. As the bidding process was cancelled, the Company's actual bid amount remains sealed and confidential.

b. Pursuant to a confidential agreement with Cargill, Inc. (Cargill), Cargill reimburses the Company a percentage share of all costs associated with the upland investigation and remediation of the site and certain ancillary costs associated with the project. The invoices to Cargill include charges related to applicable invoices paid by the Company. No invoices were sent to Cargill during this reporting period. Payment of an invoice that was previously submitted to Cargill covering the previous reporting period was received in April 2016, and is reflected in the reporting period filing.

One invoice was sent to Cargill in July 2017 that covers the current reporting period, for which payment has not yet been received. This payment, when received, will be reflected in the next reporting period filing.

Please see Attachment DIV 1-2b for the work papers, studies, and analyses that Cargill shared in the costs of preparing during the reporting period. Due to the voluminous nature and large electronic file size associated with Attachment DIV 1-2b, the Company is providing this attachment on CD-ROM.



GENERAL NOTES

1. BASE MAP DEVELOPED FROM A DRAWING ENTITLED "ALTA/ACSM LAND TITLE SURVEY, PARCELS 1, 2, 3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY AND TRANSMITTED TO GZA ON FEBRUARY 15, 2012.
2. BASE MAP, FINISH GRADE, SUBGRADE GRADE AND DRAINAGE STRUCTURE LAYOUT DEVELOPED FROM A DRAWING ENTITLED 3322_LOT481_489_FINALAB.DWG, 3322_LOT481_489_SUBGRADEAB.DWG, 3322_LOT325_FINALAB.DWG, 3322_LOT325_SUBGRADEAB.DWG" PREPARED BY A-PLUS CONSTRUCTION TRANSMITTED TO GZA 5-29-2014
3. HORIZONTAL DATUM IS IN REFERENCE TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83), DERIVED FROM A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY, PARCELS 1,2,3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY ENGINEERS AND LAND SURVEYORS, 170 RHODES STREET, PROVIDENCE, RI, 02903.
4. VERTICAL DATUM IS IN REFERENCE TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29), DERIVED FROM SAID PLAN. PRIMARY BENCH MARK: USGS DISK T-16 ON BRIDGE PIER AT ALLENS AVE. AND THURBERS AVE. ELEV. 13.29 (NGVD1929). ADDITIONAL BENCH MARK: USGS DISK 4000B-1979 ELEV. 12.01 (NGVD1929) ON CONCRETE STEP AT "NARRAGANSETT IMPROVEMENT" CORNER PUBLIC ST. & ALLENS AVE.

LEGEND:

7	FINAL AS-BUILT CONTOUR
	CONTAINMENT WALL RECOVERY WELLS
	MONITORING WELL
	CATCH BASIN
	DRAIN MANHOLE
	WATER MANHOLE
x 5.00	SPOT GRADE
PL	PROPERTY LINE
x	FENCE
	EXISTING BUILDING
	LAYOUT OF CONTAINMENT WALL
	RIP-RAP

0 20' 40' 80' 120'
SCALE IN FEET

THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY NATIONAL GRID OR THE NATIONAL GRID'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA AND NATIONAL GRID. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA AND NATIONAL GRID, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA AND NATIONAL GRID.

NO.	ISSUE/DESCRIPTION	BY	DATE

170 ALLENS AVENUE
PROVIDENCE, RHODE ISLAND

AS-BUILT ENGINEERED CAP FINAL GRADE PLAN
- LOT 128, 325, 481, 489, & 501

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists, 530 BROADWAY, PROVIDENCE, RHODE ISLAND 02909, (401) 421-4140

PREPARED FOR: NATIONAL GRID

PROJ MGR: DR	REVIEWED BY: JPH	CHECKED BY: JC	FIGURE 6
DESIGNED BY: DR	DRAWN BY: CRD	SCALE: AS NOTED	
DATE JUL. 2014	PROJECT NO. 33576.20	REVISION NO. 0	SHEET NO. 5 OF 7

Attachments:
R.I.V.I.P Bidder Certification Form
Signed W-9

Section 4 – Technical Proposal

Executive Summary

The Narragansett Electric Company is a Rhode Island corporation organized on April 8, 1926, originally under the name of United Electric Power Company. The Narragansett Electric Company was a wholly owned subsidiary of the New England Electric System. In 2000, National Grid acquired the New England Electric System.

National Grid (LSE: NG.; NYSE:NGG) is an international electricity and gas company and one of the largest investor-owned energy companies in the world.

National Grid is an international energy delivery company. In the U.S., National Grid delivers electricity to approximately 3.3 million customers in Massachusetts, New York and Rhode Island. National Grid is the largest distributor of natural gas in the northeastern U.S., serving approximately 3.4 million customers in Massachusetts, New York and Rhode Island. We are committed to being an innovative leader in energy management and to safeguarding our global environment for future generations.

National Grid also has a number of related businesses such as Liquefied Natural Gas (LNG) importation and storage, land remediation and metering.

Staff Qualifications/Experience and Background

National Grid has eight million square feet of building space under management. This consists of 165 properties that are mixed use operational centers, special purpose facilities and main office locations. The properties are spread across 4 states in the northeast to include New York, Rhode Island, Massachusetts and New Hampshire.

National Grid manages and services the majority of its facilities through its Property Services Department. This department is committed to delivering top services and expertise. Among our areas of responsibility are the safe and efficient operations of Company owned and leased facilities. The Facilities Management team maintains buildings and grounds as well as managing janitorial cleaning and landscape services. National Grid employs a mix of in-house employees and contracted vendors. Preventative Maintenance (PM) at our facilities is an important part of our management program. The Company has a well-documented computer-based program to perform PMs on all mechanical, electrical, plumbing, HVAC and life safety equipment in compliance with all applicable codes, standards and strict environmental policies.

Safety is a core belief, so no matter the priority or changing business focus, National Grid's commitment toward safety will not be compromised. No job or service that National Grid performs is so urgent that the Company cannot take the time to perform each aspect of the job safely. The corporate commitment to safety and well-being goes beyond compliance and engages everyone, providing a clear line of sight from the high level vision through the individual workers. All employees in National Grid have a role to perform; Property Services in particular is accountable for delivering high standards of safety performance. Corporate Policy acknowledges that the Company's operations potentially give rise to risk and in order to minimize/eliminate risks, National Grid employs the best practices, designs, processes, tools and training. Facilities Management performs pre-job safety briefs with employees and contractors. These pre-job briefs help identify safety and environmental risks and document the job-specific mitigation measures.

Management and timely audits of buildings' Life Safety Equipment are top priorities for National Grid. From fire extinguishers, sprinkler systems to fire detection systems, all safety systems are inspected and tested as required by code and good practice. This is done under a strict regimen and is well- documented in our computer-based facility management work order system. The Facility Managers and Supervisors are required to report monthly on the percentage of PMs completed. All areas report greater than 97% completion rate.

Responding in a timely fashion is critical for National Grid and its customers. The Company has a strong commitment, not only to our customers, but to the City of Providence.

Work Plan/Approach Proposed

National Grids proposed surface parking lot is located at 170 Allens Ave, Providence, RI which is approximately 0.70 miles from RINEC. The closest RIPTA Bus Route #3 travels past the subject property on Allen's Ave with service to RINEC (See Exhibit A) map for bus route and location). National Grids work plan provides the following facilities and services:

Facilities:

- Secure parking lot with perimeter fencing
- 323 approximate surface spaces paved and striped (see Exhibit B)
- Controlled Gate Entrance and Exits
- Enclosed Guard Shack
- Covered shelter for passengers
- Shuttle bus loading and unloading areas
- Commercially acceptable parking lot lighting during operating hours

Services

- Onsite security personnel based on the following information
  - 38 Total weeks of security personnel coverage [1]
    - Days/Hours of onsite security provided
      - Monday – Thursday 7:00 AM – 10:00 PM
      - Friday – Saturday 7:00 AM – 5:00 PM

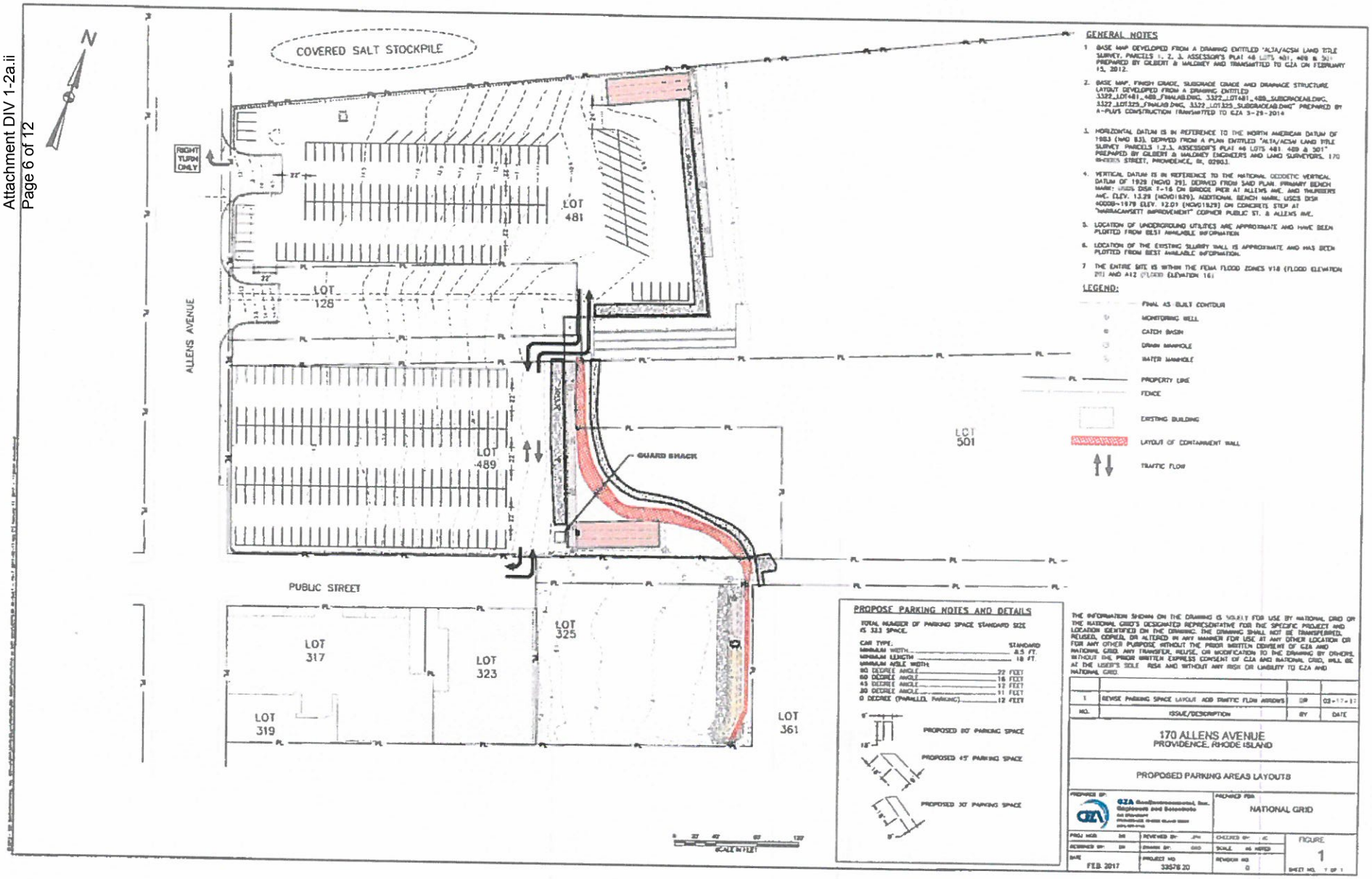
[1] Additional access to parking lot for special events, non-operating days and additional use for summer sessions outside of the allocated 38 weeks will be billed accordingly in additional to the proposed cost proposal

Exhibit A


Location Map of RINEC and Parking Area
Write a description for your map.
Legend
360 Eddy St
Jewelry District
Eddy St turns slightly left and becomes Allens Ave
Upper South Providence
Upper South Providence
170 Allens Ave
Allens Ave
Dudley St
Blackstone St
Willard Ave
Public St
Eudora St
Rhodes St
Comstock Ave
Broad St
Globe St
Frank St
Emmett St
Grant St
Lockwood St
Point St
Franklin St
E Franklin St
Sontag St
Haskins St
Eddy St
S Water St
Edge St
S Main St
E Providence Expy
Indian St
Brook St
Google earth
2000 ft
N

Exhibit B

Parking Site Plan


COVERED SALT STOCKPILE
RIGHT TURN ONLY
ALLENS AVENUE
PUBLIC STREET
LOT 481
LOT 128
LOT 489
LOT 501
LOT 325
LOT 317
LOT 323
LOT 319
LOT 361
GUARD SHACK
GENERAL NOTES
1 BASE MAP DEVELOPED FROM A DRAWING ENTITLED "ALTA/ACSM LAND TITLE SURVEY, PARCELS 1, 2, 3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY AND TRANSMITTED TO GZA ON FEBRUARY 13, 2012.
2. BASE MAP, FINISH GRADE, SUBGRADE GRADE AND DRAINAGE STRUCTURE LAYOUT DEVELOPED FROM A DRAWING ENTITLED 3322_LOT481_489_FINALAB.DWG, 3322_LOT481_489_SUBGRADEAB.DWG, 3322_LOT325_FINALAB.DWG, 3322_LOT325_SUBGRADEAB.DWG" PREPARED BY A-PLUS CONSTRUCTION TRANSMITTED TO GZA 3-29-2014
3. HORIZONTAL DATUM IS IN REFERENCE TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83), DERIVED FROM A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY PARCELS 1,2,3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY ENGINEERS AND LAND SURVEYORS, 170 HOPKINS STREET, PROVIDENCE, RI, 02903.
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5. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM BEST AVAILABLE INFORMATION
6. LOCATION OF THE EXISTING SLURRY WALL IS APPROXIMATE AND HAS BEEN PLOTTED FROM BEST AVAILABLE INFORMATION.
7 THE ENTIRE SITE IS WITHIN THE FEMA FLOOD ZONES V18 (FLOOD ELEVATION 20) AND A12 (FLOOD ELEVATION 16)
LEGEND:
FINAL AS BUILT CONTOUR
MONITORING WELL
CATCH BASIN
DRAIN MANHOLE
WATER MANHOLE
PROPERTY LINE
FENCE
EXISTING BUILDING
LAYOUT OF CONTAINMENT WALL
TRAFFIC FLOW
PROPOSE PARKING NOTES AND DETAILS
TOTAL NUMBER OF PARKING SPACE STANDARD SIZE IS 333 SPACE.
CAR TYPE: STANDARD
MINIMUM WIDTH 8.5 FT.
MINIMUM LENGTH 18 FT.
MINIMUM AISLE WIDTH:
90 DEGREE ANGLE 22 FEET
60 DEGREE ANGLE 16 FEET
45 DEGREE ANGLE 12 FEET
30 DEGREE ANGLE 11 FEET
0 DEGREE (PARALLEL PARKING) 12 FEET
PROPOSED 90° PARKING SPACE
PROPOSED 45° PARKING SPACE
PROPOSED 30° PARKING SPACE
SCALE IN FEET
THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY NATIONAL GRID OR THE NATIONAL GRID'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA AND NATIONAL GRID. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA AND NATIONAL GRID, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA AND NATIONAL GRID.
1 REVISE PARKING SPACE LAYOUT ADD TRAFFIC FLOW ARROWS DP 03-17-13
NO. ISSUE/DESCRIPTION BY DATE
170 ALLENS AVENUE
PROVIDENCE, RHODE ISLAND
PROPOSED PARKING AREAS LAYOUTS
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists
PREPARED FOR: NATIONAL GRID
PROJ MGR: DB REVIEWED BY: JPH CHECKED BY: JC
REVIEWED BY: DP DRAWN BY: GHD SCALE: AS NOTED
DATE: FEB 2017 PROJECT NO: 33578.20 REVISION NO: 0
FIGURE 1
SHEET NO. 1 OF 1

Kenneth E. Lento
Project Manager
NE Site Investigation and Remediation Group

VIA Electronic Mail

March 8, 2017

Phillip Kydd
Executive in Residence
University of Rhode Island
210 Flagg Road, Room 172
Kingston, Rhode Island 02881

RE: Clarifications to Proposal
Request for Proposal (RFP #7551288)
Parking Services
Rhode Island Nursing Education Center

Dear Mr. Kydd:

The Narragansett Electric Company d/b/a National Grid (hereinafter referred to as "National Grid") is pleased to provide clarifications to our bid proposal that was in response to the Rhode Island Department of Administration's Request for Proposal #7551288 regarding Parking Services for the Rhode Island Nursing Education Center (the "RFP"). The clarifications are based on questions posed at the proposal interview held on Thursday, March 2, 2017. We have organized this clarification response based on the general categories addressed at the interview.

Security/Safety

As stated in our proposal, safety is one of National Grid's core beliefs. The safety of our employees, visitors to our facilities, and to the public is of paramount importance. Part of that philosophy includes providing secure facilities for our employees to work. Since the proposed site includes National Grid property, we envision that this parking lot will be secured similar to other National Grid facilities. To reiterate, this will include the engagement of a security firm that will provide one unarmed guard during the operating hours of the lot as specified in the RFP. Due to the extended hours of operation of the facility required in the proposal (7 am to 10 pm), security coverage on a daily basis will be conducted by two people working overlapping 8-hour shifts to cover the entire time period with one guard on site at all times during the hours of operation.

Guards will be provided by the current National Grid security vendor, which is U.S. Security Associates. U.S. Security Associates is a leading national provider of a range of security services. They have recently been awarded an extension to their contract with National Grid for three years and will be the provider of security services to National Grid through 2019 for all our service territory including Rhode Island. The existing contract has extension provisions that are likely to be used. Therefore, during the lease term for this property, U.S. Security Associates will likely be the sole provider of security services for this facility. However, in the event the contract is not renewed, National Grid will provide security services to this facility using an equally qualified vendor that will be the same vendor used for our other facilities. National Grid requires all our

40 Sylvan Road, Waltham, Massachusetts 02451
T: 617.791.2627 ■ F: 781.907.5720 ■ kenneth.lento@nationalgrid.com ■ www.nationalgrid.com

security vendors perform background checks on their personnel before their personnel can work on our facilities. These background checks are performed by another National Grid vendor, Accurate Background. Accurate Background is the only company authorized to perform background checks for all National Grid vendors and employees so that there is consistency in the performance of this vital check.

In addition to the guard, other security measures will be employed to maintain a secure facility. The perimeter of the facility is already secured with a 6 foot high fence and either slide or swing gates at the three current vehicular entrances/exits. However, as mentioned at the interview, we are proposing the installation and operation of a card reader system that will be used to activate two automatic gates (replacing two of the existing gates) at the entrance and exits to the facility so that the security guard can focus on watching and observing on-site activities rather than checking in the vehicles. The cards can be issued to authorized users of the facility as deemed appropriate by the tenant.

We are currently proposing the entrance to the facility (where the card reader will be installed) to be located off the Public Street entrance for several safety related reasons. First, Allens Avenue is a well-traveled thoroughfare that is difficult to cross from the south bound lane of Allens Avenue to the site during peak travel times, which we believe coincides with early morning and late afternoon class times when students will want to enter and exit the site. By placing the site entrance off Public Street, vehicles traveling south bound on Allens Avenue will be able to cross traffic at the existing traffic signal located at the intersection of Public Street and Allens Avenue thereby reducing potential for vehicle accidents on Allens Avenue. Second, we believe that the users of the facility will likely be arriving to park at similar times since they will be attending the same school. This anticipated use of the facility will likely result in the queuing of vehicles trying to enter the site during peak traffic flow times. By entering the site off Public Street, this queue of vehicles will be on the less traveled Public Street than Allens Avenue and will reduce congestion around the site. Third, by placing the entrance at Public Street rather than Allens Avenue, we can allow the exit of vehicles through this gate as well. By doing this, users exiting the site and traveling southbound on Allens Avenue towards the highway entrance avoid crossing the northbound lane of Allens Avenue in front of the site and instead will be able to use the traffic signal at the intersection of Public Street and Allens Avenue to allow safer crossing of Allens Avenue in that travel direction. We are proposing the exit off Allens Avenue to be a right turn only to minimize the need to cross Allens Avenue. We believe that in addition to being a safer alternative this traffic flow pattern will maximize the number of parking spots at the site. The third gate along Allens Avenue will remain a swing gate and will be chained and locked and used solely as an emergency entrance/exit with the guard on-site having a key in case of said emergencies. With all that said, we have not performed a traffic study and can alter the traffic flow pattern through the site based on the tenants use and expected travel patterns.

As also stated in our proposal, additional security/safety measures will include the installation of adequate lighting to properly illuminate the site during low light conditions. The lighting will be installed in accordance with local zoning and building code requirements. We are also proposing to install security cameras on these light poles. The video cameras will be connected to the guard shack and will be able to be monitored by the guard on duty. The number of cameras has not yet been determined and will depend upon the location and number of light poles allowed on the site.

This will allow the on duty guard to not leave the guard shack and monitor the entrance while also monitoring the grounds instead of not manning the gates during perimeter checks if cameras were not installed.

Finally, security will be coordinated with the bus shuttle service to be provided by another entity under separate contract. We envision that bus drop off locations will be at several locations on the property at designated areas, which will likely be identified on the light poles, to reduce the pedestrian distance traveled from bus drop-off to parked vehicle especially during evening hours. We would still have a bus shelter stationed at the exit for the shuttle service to pick up users on its way back to the school.

Permitting

Based on questions posed at the interview regarding what permits will be required and how will those permits be obtained during the time allotted before the potential occupancy of the site, we offer the following information based on research performed since the interview.

The upland portion of the site was recently remediated in accordance with Rhode Island Department of Environmental Management ("RIDEM") Office of Waste Management regulations and approvals. The remedy included the installation of a clean soil cap and a subsurface barrier wall and the implementation of an Environmental Land Use Restriction ("ELUR") on each of the parcels that comprise the site. The paving of the site does not impact the remedy and additional approvals from the RIDEM Office of Waste Management are not required to do so. However, in order to provide utility service to the light poles and guard shack, disturbance of the cap will be required during construction. In accordance with the ELUR, any disturbance of the soils beneath the installed cap will require written notification to RIDEM no later than 60 days before said disturbance. This notification should not impact the construction schedule.

During the implementation of the remedy, the capping of the site triggered certain State stormwater requirements. As such, the required water quality treatment systems for an impervious surface have already been installed and are currently functioning. There is no requirement to provide any additional stormwater systems due to the proposed paving of the site. We have an operation and maintenance plan for the systems in place that will continue to be used after the pavement is placed. However, because the placement of the pavement will disturb more than one acre, we will need to register under the Office of Water Resources Rhode Island Pollutant Discharge Elimination System ("RIPDES") Construction General Permit Program. Because the stormwater systems are already in place, we do believe that this permit will be readily obtained in an adequate amount of time to perform the construction by the August deadline.

The site is located along the Providence River, which is classified by the State as a Type 6 water, and is within the 200 foot jurisdictional area of the Providence River regulated by the Coastal Resources Management Council ("CRMC"). Therefore, approval from CRMC would be required in order to install the pavement. The site, along with most of the land between Allens Avenue and the water, is also within the City of Providence W-3 Port/Maritime Industrial Waterfront District. Both the designation as land adjacent to a Type 6 Water and within the W-3 zoning district indicate that the highest and best use of the site is for a water dependent marine industrial use. Current City

of Providence zoning regulations state that a parking lot at the site would be a special use and would require a special use permit. CRMC has also indicated that a parking lot would not be allowed but may be considered on a temporary use basis such as the 5 year lease period being proposed. These two permits will be the critical path items for obtaining approvals to construct the parking lot. Recognizing the importance of obtaining these permits, we have already initiated preliminary correspondence with CRMC and the City of Providence to begin the process to do so. Although these permits may be on the critical path, we believe based on a review of the regulations and the above mentioned preliminary communications that approvals to construct the parking lot can be obtained in the time necessary to provide a parking lot by the August deadline.

In addition to the above referenced permits/approvals, we will also need more typical building/construction type permits from the City of Providence. We do not believe that these approvals will take much time to obtain and will not impede the construction schedule.

Site Layout/Ownership

As stated in our proposal, we believe that we could propose a parking layout for less than the 400 spaces indicated in the RFP if another location was to be used to make up the difference. As indicated in the interview, we only proposed the use of the two lots owned by National Grid because the third lot that comprises the site is owned by another entity, Cargill, Inc. ("Cargill"), and we have not reached a formal agreement with Cargill to lease that particular lot prior to submission of our proposal. However, we have an ongoing relationship with Cargill as we both are responsible parties for performing cleanup actions at the site. In addition, we have had negotiations on the potential leasing of their parcel since the remedy was implemented but we have not been able to finalize the lease terms until a viable user was identified. Since the interview, we have started that process again and we believe that we can offer up all three parcels at this time for this particular use. With the additional lot, we can now offer a site that can more than meet the 400 space requirement in the RFP. We have taken an additional step since last Thursday to show a possible alternative for the parking layout, which is shown on the attached plan. This plan does not include any landscaped areas or interior parking islands that may be required as part of the permitting process but does indicate that if no parking islands are required that we may be able to park 420 plus vehicles. At a minimum, we believe with all zoning requirements met that we should still be able to accommodate 380 plus vehicles. The execution of a lease agreement with Cargill is a critical path item but we believe that such a lease can be obtained within the time allotted to construct the parking lot. With the additional space; however, are additional costs that were not factored into our proposal and our costing portion of the proposal will need to be adjusted to reflect this change in scope.

Schedule

Several questions were asked during the interview in regards to the performance of all the work associated with designing, permitting, procuring, and constructing the parking lot facility by the August 18, 2017 deadline indicated in the RFP. We still believe that this schedule can be achieved if certain milestones are achieved on time. We have identified several critical path items in this document previously. Those critical path items include initiating the permitting process and receiving some preliminary feedback from both CRMC and the City of Providence as to the ability

to obtain permits to construct the parking lot and the expected permitting duration. We believe that if positive feedback is received by the end of March, any approvals should be able to be obtained by the start of construction. We also believe executing a lease with Cargill is also critical to the project progress. If said lease terms are finalized by the end of April, we believe the project can be completed by the August 18th deadline. In general, we believe the permitting process will take approximately three months. On a parallel track, we will design the parking lot facility, prepare the bid documents in order to procure the construction services, and begin our internal procurement process to contract those construction services. We believe that the construction will take approximately four to six weeks so construction needs to start no later than the week of July 3rd in order to meet the August 18th deadline.

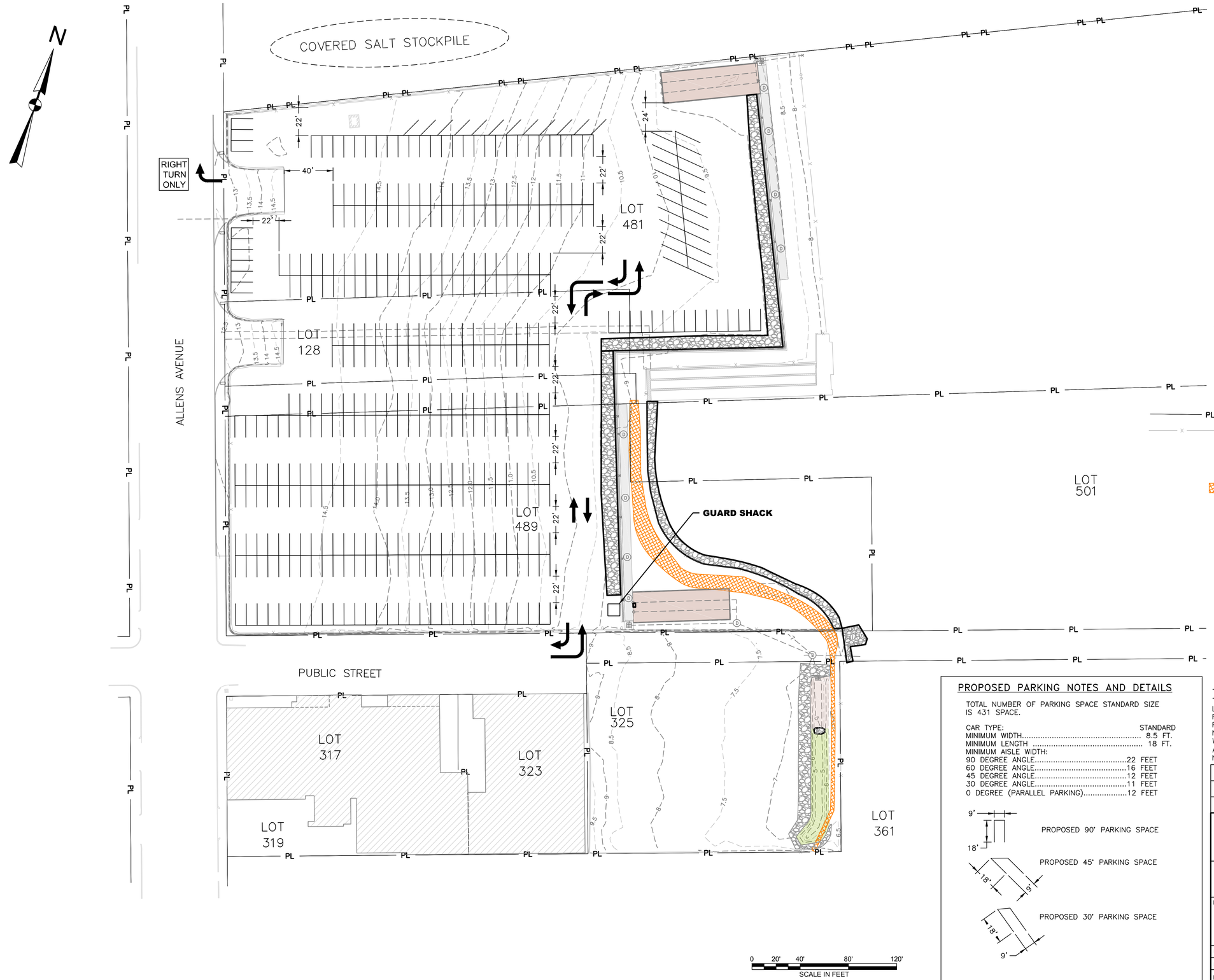
We appreciate the opportunity to answer your questions and to clarify our proposal. We hope that the information provided satisfies your inquires but, if additional information is needed, please let us know and we will respond accordingly.

Sincerely,
National Grid

Kenneth E. Lento
Project Manager

cc: Scott Navarro, National Grid

40 Sylvan Road, Waltham, Massachusetts 02451
T: 617.791.2627 ■ F: 781.907.5720 ■ kenneth.lento@nationalgrid.com ■ www.nationalgrid.com



GENERAL NOTES

1. BASE MAP DEVELOPED FROM A DRAWING ENTITLED "ALTA/ACSM LAND TITLE SURVEY, PARCELS 1, 2, 3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY AND TRANSMITTED TO GZA ON FEBRUARY 15, 2012.
2. BASE MAP, FINISH GRADE, SUBGRADE GRADE AND DRAINAGE STRUCTURE LAYOUT DEVELOPED FROM A DRAWING ENTITLED 3322_LOT481_489_FINALAB.DWG, 3322_LOT481_489_SUBGRADEAB.DWG, 3322_LOT325_FINALAB.DWG, 3322_LOT325_SUBGRADEAB.DWG" PREPARED BY A-PLUS CONSTRUCTION TRANSMITTED TO GZA 5-29-2014
3. HORIZONTAL DATUM IS IN REFERENCE TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83), DERIVED FROM A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY, PARCELS 1,2,3, ASSESSOR'S PLAT 46 LOTS 481, 489 & 501" PREPARED BY GILBERT & MALONEY ENGINEERS AND LAND SURVEYORS, 170 RHODES STREET, PROVIDENCE, RI, 02903.
4. VERTICAL DATUM IS IN REFERENCE TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29), DERIVED FROM SAID PLAN. PRIMARY BENCH MARK: USGS DISK T-16 ON BRIDGE PIER AT ALLENS AVE. AND THURBERS AVE. ELEV. 13.29 (NGVD1929). ADDITIONAL BENCH MARK: USGS DISK 4000B-1979 ELEV. 12.01 (NGVD1929) ON CONCRETE STEP AT "NARRAGANSETT IMPROVEMENT" CORNER PUBLIC ST. & ALLENS AVE.
5. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM BEST AVAILABLE INFORMATION.
6. LOCATION OF THE EXISTING SLURRY WALL IS APPROXIMATE AND HAS BEEN PLOTTED FROM BEST AVAILABLE INFORMATION.
7. THE ENTIRE SITE IS WITHIN THE FEMA FLOOD ZONES V18 (FLOOD ELEVATION 20) AND A12 (FLOOD ELEVATION 16)

LEGEND:

- FINAL AS-BUILT CONTOUR
- MONITORING WELL
- CATCH BASIN
- DRAIN MANHOLE
- WATER MANHOLE
- PROPERTY LINE
- FENCE
- EXISTING BUILDING
- LAYOUT OF CONTAINMENT WALL
- TRAFFIC FLOW

PROPOSED PARKING NOTES AND DETAILS

TOTAL NUMBER OF PARKING SPACE STANDARD SIZE IS 431 SPACE.

CAR TYPE:	STANDARD
MINIMUM WIDTH	8.5 FT.
MINIMUM LENGTH	18 FT.
MINIMUM AISLE WIDTH:	
90 DEGREE ANGLE	22 FEET
60 DEGREE ANGLE	16 FEET
45 DEGREE ANGLE	12 FEET
30 DEGREE ANGLE	11 FEET
0 DEGREE (PARALLEL PARKING)	12 FEET

NO.	ISSUE/DESCRIPTION	BY	DATE
1	REVISE PARKING SPACE LAYOUT. ADD TRAFFIC FLOW ARROWS	DR	02-17-17

170 ALLENS AVENUE
PROVIDENCE, RHODE ISLAND

PROPOSED PARKING AREAS LAYOUTS

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
530 BROADWAY
PROVIDENCE, RHODE ISLAND 02909
(401) 421-4140

PREPARED FOR: NATIONAL GRID

PROJ MGR: DR	REVIEWED BY: JPH	CHECKED BY: JC	FIGURE
DESIGNED BY: DR	DRAWN BY: CRD	SCALE: AS NOTED	1
DATE MAR. 2017	PROJECT NO. 33576.20	REVISION NO. 0	SHEET NO. 1 OF 1

Please see Attachment DIV 1-2b on CD-ROM.

Division 1-3

Request:

Re: the PCB Regulated Pipe Abandonment project, please provide to what extent are the referenced costs for accelerated replacement of gas service and mains to improve system reliably addressed through the costs of removal for existing mains for which an allowance is typically included in depreciation expense? If not included in costs of removal recovered through base rates, explain why not?

Response:

Cost of removal incurred for non-PCB contaminated service and main replacements are debited to Account 108, Accumulated provision for depreciation of gas utility plant, and is ultimately recovered through depreciation expense as stated in the question. However, costs associated with the management and disposal of PCB-impacted pipe by Clean Harbors on behalf of the Company are not considered to be cost of removal and are accordingly deferred for recovery through the DAC.

Division 1-4

Request:

Re: the Thames & Wellington project, please:

a. Provide the referenced Remedial Action Evaluation Report;

b. Provide documentation of the costs associated with the utility repair at the Wellington Condominium Association and provide a description of the repair;

c. Provide copies of the referenced "monthly status reports" provided to RIDEM and detail the costs incurred for preparation of those reports;

d. Provide full supporting detail for the "Consulting Costs" shown in the "Cost Breakdown by Category," including separate itemization of costs of each consulting activity;

e. Provide supporting detail for costs associated with the City of Newport's Microstrainer facility.

Response:

Please see Attachment DIV 1-4a for the April 2012 Remedial Action Evaluation Report. Due to the voluminous nature and large electronic file size associated with Attachment DIV 1-4a, the Company is providing this attachment on CD-ROM.

One minor repair of a water main within a driveway at the Wellington Condominium Association was performed during this reporting period. The total costs incurred were $6,859.11 for environmental support required for the project, consisting of the oversight and documentation of the work by GZA ($3,094.14); soil and groundwater management/disposal by Clean Harbors ($3,044.74); and soil disposal by ESMI ($720.23). Please see Attachment DIV 1-4b for copies of the invoices associated with this work. The GZA charges for the work are included under Task 30 of each GZA invoice. Due to the voluminous nature and large electronic file size associated with Attachment DIV 1-4b, the Company is providing this attachment on CD-ROM.

Prepared by or under the supervision of: Elizabeth M. Greene

Division 1-4, page 2

a. Please see Attachment DIV 1-4c for copies of the monthly status reports covering the months of March 2016 through February 2017. The total costs incurred for the preparation and submittal of these reports was $4,970.34.

b. "Consulting Costs" totaled $182,200.77 for the reporting period, comprised of $170,163.52 for work performed by GZA and $12,037.25 for work performed by Coneco Engineers and Scientists (Coneco). Such costs included the following: $9,995.10 for meetings/conference calls; $97,245.66 for routine site monitoring, including non-aqueous phase liquid (NAPL) gauging and recovery, annual groundwater monitoring and inspection of the engineered cap; $23.11 for the Remedial Alternative Evaluation; $4,970.34 for monthly reporting to RIDEM; $3,094.14 for environmental support for the water line repair at the Wellington Condominium Association; $54,835.17 for environmental support for the City of Newport Sewer Force Main upgrade; and $12,037.25 for health and safety monitoring.

c. Costs associated with the City of Newport's Microstrainer facility included the following: consulting costs totaling $66,872.42, comprised of $54,835.17 for GZA for the environmental support of the activities, and $12,037.25 for Coneco; and contractor costs totaling $229,489.41, comprised of $202,497.28 for Clean Harbors for soil and groundwater management, and $26,992.13 for ESMI for soil disposal.

Prepared by or under the supervision of: Elizabeth M. Greene

Please see Attachment DIV 1-4a on CD-ROM.

Please see Attachment DIV 1-4b on CD-ROM.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: March 7, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – February 1 through February 29, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period February 1, 2016 through February 29, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

GZA began the Site-wide groundwater elevation monitoring and non-aqueous phase liquid (NAPL) gauging round on February 29, 2016.

No other on-Site activities were performed by GZA during the period February 1, 2016 to February 29, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing the Site-wide groundwater elevation monitoring, NAPL gauging, groundwater sampling and soil gas monitoring, the annual cap evaluation, Oxygen Release Compound (ORC) sock change-out in Former Holder Area and Site outfall evaluations in March, 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: April 11, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – March 1 through March 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period March 1, 2016 through March 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

GZA performed the Site wide annual environmental monitoring program from March 1st through March 15, 2016 consistent with the *Remedial Alternative Evaluation Report* submitted to RIDEM in April 2012. The annual environmental monitoring program included the following activities:

- Groundwater sampling of select monitoring wells, which included the semi-annual groundwater monitoring round associated with the Oxygen Releasing Compounds (ORC) treatment area. A total of 50 groundwater samples were collected and submitted for analytical testing for VOCs, PAHs TPH, cyanide and phenols;

- Piezometric groundwater measurements at all groundwater monitoring wells;

- Dense and light non-aqueous phase liquid (DNAPL and LNAPL) gauging and recovery. Consistent with previous events, measurable NAPL was observed in MW-202 (0.5 ft – DNAPL), MW-307 (0.9 ft- DNAPL) and MW-403 (0.1 ft-DNAPL), which are located along the seawall on the western side of the Site and MW-324 (0.03 ft - LNAPL), which is located in the former oil cistern area. Between 0.1 and 0.9 gallons of DNAPL were recovered from MW-202, MW-307 and MW-403 and 0.1 gallons of LNAPL were recovered from MW-324. Recovered NAPL was containerized in a drum and subsequently transported off-Site for disposal by Clean Harbors;

- Stormwater outfall monitoring for sheen discharges. No sheens were observed at either outfall during this monitoring event;

- Performance of a soil gas survey around existing building perimeters, A through E, the Club House and pile supported condominium building entrances constructed with slab-on-grade foundations. A total of 21 soil gas samples were collected and submitted for low level TO-15 analysis plus naphthalene;

- Replacement of the ORC socks in the five ORC wells (MW-340, MW-343, MW-344, MW-345 and MW-346). The used ORC socks were placed in a drum and properly disposed off-Site by Clean Harbors; and

- Annual soil cap evaluation: the soil cap appeared to be in good condition during this inspection.

No other on-Site activities were performed by GZA during the period March 1 to March 31, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing the quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring in June 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

J:\ENV\33327.msk\Task-22 - Soil Cap Construction Services\RIDEM Monthly Status Reports\33327 RIDEM-StatRep-67 4-11-16-FINAL.doc

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: May 11, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – April 1 through April 30, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period April 1, 2016 through April 30, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during the period April 1, 2016 to April 30, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring in June 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

J:\ENV\33327.msk\Task-22 - Soil Cap Construction Services\RIDEM Monthly Status Reports\33327 RIDEM-StatRep-68 5-11-16.doc

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: June 9, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – May 1 through May 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period May 1, 2016 through May 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during the period May 1, 2016 to May 31, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring in June 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

J:\ENV\33327.msk\Task-22 - Soil Cap Construction Services\RIDEM Monthly Status Reports\33327 RIDEM-StatRep-69-6-9-16-FINAL.doc

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: July 19, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – June 1 through June 30, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period June 1, 2016 through June 30, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

The following routine Site monitoring activities were performed between June 14 and 15, 2016:

- Piezometric groundwater measurements at all groundwater monitoring wells;
- Dense and light non-aqueous phase liquid (DNAPL and LNAPL) gauging (Site-wide) and recovery performed at wells MW-202, MW-307, MW-403 and MW-324. Consistent with previous events, measurable NAPL was limited to observations in MW-202 (0.5 ft – DNAPL), MW-307 (0.9 ft- DNAPL) and MW-403 (trace-DNAPL, no NAPL recovery), which are located along the seawall on the western side of the Site and MW-324 (0.28 ft - LNAPL), which is located in the former oil cistern area. Approximately 0.4 gallons of DNAPL were recovered from MW-202 and MW-307, and 0.2 gallons of LNAPL were recovered from MW-324. Recovered NAPL was containerized in a drum and subsequently transported off-Site by Clean Harbors; and
- Stormwater outfall monitoring for sheen discharges. No sheens were observed at either outfall during this monitoring event;

No other on-Site activities were performed by GZA during the period June 1, 2016 to June 30, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring, as well as the semi-annual Oxygen Releasing Compounds (ORC) treatment area groundwater monitoring in fall 2016.

National Grid is planning on replacing a utility pole on the Site, along Wellington Avenue in August 2016. Any excavated soil will be placed in 55 gallon drums and properly disposed off-site. Any cap disturbance (if required) will be repaired in kind. National Grid will provide a notification to RIDEM when this work is scheduled.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

J:\ENV\33327.msk\Task-22 - Soil Cap Construction Services\RIDEM Monthly Status Reports\33327 RIDEM-StatRep-70-7-19-16-FINAL.doc

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: August 10, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – July 1 through July 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period July 1, 2016 through July 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during the period July 1, 2016 to July 31, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring, as well as the semi-annual Oxygen Releasing Compounds (ORC) treatment area groundwater monitoring in fall 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: September 7, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – August 1 through August 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period August 1, 2016 through August 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during the period August 1, 2016 to August 31, 2016.

FUTURE WORK/SCHEDULE

We anticipate completing quarterly Site-wide groundwater elevation monitoring, NAPL gauging and outfall monitoring, as well as the semi-annual Oxygen Releasing Compounds (ORC) treatment area groundwater monitoring in fall 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: October 5, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – September 1 through September 30, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period September 1, 2016 through September 30, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

The following routine Site monitoring activities were performed on September 15, 2016:

- Piezometric groundwater measurements at all groundwater monitoring wells;
- Site-wide dense and light non-aqueous phase liquid (DNAPL and LNAPL) gauging was performed. Consistent with previous events, observations and recovery of NAPL was limited to certain discrete areas; and
- Stormwater outfall monitoring for sheen discharges. Consistent with previous event, no sheens were observed at either outfall during this monitoring event.

No other on-Site activities were performed by GZA during the period September 1, 2016 to September 30, 2016.

FUTURE WORK/SCHEDULE

We anticipate performing Site-wide groundwater elevation monitoring, non-aqueous phase liquid (NAPL) gauging, groundwater sampling and soil gas monitoring, the annual cap evaluation and Site outfall evaluations in November 2016.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: November 9, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – October 1 through October 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period October 1, 2016 through October 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during the period October 1, 2016 to October 31, 2016.

FUTURE WORK/SCHEDULE

Consistent with the current annual program, we anticipate performing Site-wide groundwater elevation monitoring, non-aqueous phase liquid (NAPL) gauging, groundwater sampling and soil gas monitoring, the annual cap evaluation and Site outfall evaluations in November 2016.

The Wellington Condominium Association (WCA) will be replacing an approximately 75-foot long section of a water main within the driveway east of the Club House building. We understand this work is planned for late November/early December 2016. National Grid will provide soil management assistance to the extent necessary during this activity.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: December 13, 2016

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – November 1 through November 30, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period November 1 through November 30, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

GZA performed the Site wide annual environmental monitoring program from November 14 through November 30, 2016 consistent with the *Remedial Alternative Evaluation Report* submitted to RIDEM in April 2012. The annual environmental monitoring program included the following activities:

- Groundwater sampling of select monitoring wells, which included the semi-annual groundwater monitoring round associated with the Oxygen Releasing Compounds (ORC) treatment area. A total of 50 groundwater samples were collected and submitted for analytical testing for VOCs, PAHs TPH, cyanide and phenols;

- Piezometric groundwater measurements at all accessible groundwater monitoring wells;

- Site-wide dense and light non-aqueous phase liquid (DNAPL and LNAPL) gauging was performed. Consistent with previous events, observations and recovery of NAPL was limited to certain discrete areas;

- Stormwater outfall monitoring for sheen discharges. Consistent with previous events, no sheens were observed at either outfall during this monitoring event;

- Performance of a soil gas survey around existing building perimeters, A through E, the Club House and pile supported condominium building entrances constructed with slab-on-grade foundations. A total of 21 soil gas samples were collected and submitted for low level TO-15 analysis plus naphthalene; and

- Annual soil cap evaluation: the soil cap appeared to be in good condition during this inspection.

No other on-Site activities were performed by GZA during this period.

FUTURE WORK/SCHEDULE

The Wellington Condominium Association (WCA) plans the repair of a water main within the driveway east of the Club House building. We understand this work is planned for early December 2016. National Grid will provide soil and dewatering management assistance to the extent necessary during this activity.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

J:\ENV\33327.msk\Task-22 - Soil Cap Construction Services\RIDEM Monthly Status Reports\33327 RIDEM-StatRep-75-12-5-16-DRAFT.doc

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: January 16, 2017

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – December 1 through December 31, 2016
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period December 1 through December 31, 2016 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

On December 6, 2016, the Wellington Condominium Association's (WCA's) contractor, Site Tech Construction Company, repaired a water main within the driveway east of the Club House building. The repair required excavation of approximately 10 feet of the water main. National Grid provided environmental support for soil and groundwater management during the repair. Approximately 12 cubic yards of soil and 600 gallons of dewatering fluids were containerized and disposed of off-site by Clean Harbors. No additional work associated with the water main repair is currently anticipated.

No other on-Site activities were performed by GZA during this period.

FUTURE WORK/SCHEDULE

We anticipate performing routine Site-wide groundwater elevation monitoring, non-aqueous phase liquid (NAPL) gauging and Site outfall monitoring in March 2017.

We trust that this information meets your needs. Please feel free call me at 401-427-2776 or Amy Willoughby at 781-907-3644 if you have any questions.

TO: Joseph Martella- RIDEM

FROM: Rick Carlone – GZA
Jim Clark - GZA

CC: Amy Willoughby – National Grid *(sent via email)*
Kathy Anderson – Wellington *(sent via email)*

DATE: February 8, 2017

FILE NO.: 03.0033327.00-C

RE: Monthly Status Report – January 1 through January 31, 201**7**
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period January 1 through January 31, 2017 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during this period.

FUTURE WORK/SCHEDULE

We anticipate performing routine Site-wide groundwater elevation monitoring, non-aqueous phase liquid (NAPL) gauging and Site outfall monitoring in March 2017.

We trust that this information meets your needs. Please feel free to contact Rick Carlone (GZA) at 401-427-2776 or Amy Willoughby (National Grid) at 781-907-3644 if you have any questions.

M E M O R A N D U M

To: Joseph Martella, RIDEM

From: Rick Carlone, GZA
Jim Clark, GZA

Date: March 21, 2017

File No: 33327

Re: Monthly Status Report – February 1 through February 28, 2017
Former Providence Gas Co. Manufactured Gas Plant
Wellington Avenue and Thames Street
Newport, Rhode Island
RIDEM Case No. 2006-055

Sent via email

Response actions completed at the above-referenced property (Site) for the period February 1 through February 28, 2017 are described below, followed by a summary of anticipated future work.

SITE ACTIVITIES PERFORMED

No on-Site activities were performed by GZA during this period.

FUTURE WORK/SCHEDULE

We anticipate performing routine Site-wide groundwater elevation monitoring, non-aqueous phase liquid (NAPL) gauging and Site outfall monitoring in April 2017.

We trust that this information meets your needs. Please feel free to contact Rick Carlone (GZA) at 401-427-2776 or Amy Willoughby (National Grid) at 781-907-3644 if you have any questions.

Division 1-5

Request:

Re: Miscellaneous MGP Program Costs, please provide supporting detail for the dollar amounts shown for Miscellaneous MGP Program Costs, and describe the purpose of each activity for which those costs were incurred.

Response:

Attachment DIV 1-5 includes the supporting detail for the dollar amounts shown for the Miscellaneous MGP Program Costs, and describes the purpose of each activity for which those costs were incurred.

Attachment DIV 1-5

EMPLOYEE LABOR

Month	Activities Performed	Total Labor
April, 2016	Program management and financial management	$1,635.89
May, 2016	Program management and financial management	$3,034.05
June, 2016	Program management and financial management	$2,759.21
July, 2016	Program management, financial management and preparation of the annual environmental report	$2,002.26
August, 2016	Program management, financial management and response to Division Requests	$2,525.81
September, 2016	Program management, financial management and response to Division Requests	$5,616.66
October, 2016	Program management and financial management	$3,789.53
November, 2016	Program management and financial management	$4,021.56
December, 2016	Program management and financial management	$2,274.98
January, 2017	Program management and financial management	$2,907.62
February, 2017	Program management and financial management	$2,433.80
March, 2017	Program management and financial management	$2,663.71

Totals: $35,665.08

Notes:

1. *Program management:* Tasks include the preparation of the Annual Environmental Report for the Gas Services, preparation of Responses to the Division Requests, reporting and updates to management, and attendance at staff meetings and other MGP-related meetings.
2. *Financial management:* Tasks include analyst review of invoices, processing and tracking of invoices, filing of invoices, review and management of consultant and contractor proposal and change invoices, annual budgeting, monthly budget review and quarterly budget forecasting.

Attachment DIV 1-5

EMPLOYEE EXPENSES

Month	Employee Expenses
April, 2016	$36.13
May, 2016	$26.35
June, 2016	$15.93
July, 2016	$1.98
September, 2016	$31.52
October, 2016	$89.62
November, 2016	$36.34
January, 2017	$9.92
February, 2017	$0.48
March, 2017	$11.38

Totals: $259.65

Notes:

1. Employee Expenses: Employee expenses are for general travel, including tolls, and vehicle charges, which are associated with employee use of their personal vehicles to drive to the MGP sites (or other related locations such as the RI Department of Environmental Management offices) associated with RI-Gas. All vehicle charges associated with RI-Gas MGP sites are carried under this general work order.

Attachment DIV 1-5

OUTSIDE SERVICES

Month	Vendor Name	Invoice Number	Amount	Description
March 2016	GZA GEOENVIRONMENTAL INC.	0716656	$941.37	Preparation of environmental support documents required for utility construction projects on company MGP and holder sites
November 2016	GZA GEOENVIRONMENTAL INC.	0717916	$1,571.76	Preparation of environmental support documents required for utility construction projects on company MGP and holder sites
March 2017	GZA GEOENVIRONMENTAL INC.	0733914	$3,450.42	Research and preparation of environmental support documents for company MGP and holder sites

Total: $5,963.55

Month	Vendor Name	Invoice Number	Amount	Description
December 2016	Anderson & Kreiger	119494	$295.27	Outside counsel development of Remediator Contract for remediation projects
January 2017	Anderson & Kreiger	119756	$1,031.41	Outside counsel development of Remediator Contract for remediation projects
March 2017	Anderson & Kreiger	120387	$58.95	Outside counsel development of Remediator Contract for remediation projects
March 2017	Anderson & Kreiger	120414	$17.09	Outside counsel development of Remediator Contract for remediation projects
March 2017	Anderson & Kreiger	120561	$1,963.10	Outside counsel development of Remediator Contract for remediation projects

Total: $3,365.82

Division 1-6

Request:

Re: the "Insurance Recovery Activities" addressed on page 16 of 21 of the Environmental Report, please provide a detailed itemization of costs included in the $46,369 of "Property Purchases/Settlements/Legal costs as well as the reasons for the Company's incurrence of those costs."

Response:

Attachment DIV 1-6 contains a breakdown by invoice of the total Property Purchase/Settlements/Legal costs in the amount of $46,369 incurred in support of the Company's insurance recovery activities.

These costs were incurred by the Company for the environmental insurance recovery activities, and include legal fees and expenses related to OneBeacon America Insurance Company v. The Narragansett Electric Company, Commonwealth of Massachusetts, County of Suffolk, Superior Court, Civil Docket No. SUCV2005-03086; and The Narragansett Electric Company v. American Home Assurance, et al., United States District Court for the Southern District of New York, Case No. 11 CIV 8299, in which the Company is pursuing insurance coverage for liabilities or potential liabilities associated with the environmental remediation of numerous Rhode Island MGP sites.

Vendor	Invoice Date	Invoice Number	Invoice Amount
Covington & Burling	4/14/2016	60712129	$ 284.37
Covington & Burling	5/18/2016	60716452	$ 146.56
Covington & Burling	5/18/2016	60716453	$ 89.96
Covington & Burling	6/16/2016	60719867	$ 168.88
Covington & Burling	6/16/2016	60719868-D2	$ 2,590.11
Covington & Burling	7/21/2016	60724029	$ 134.06
Covington & Burling	7/25/2016	60724466	$ 10,792.91
Covington & Burling	8/24/2016	60728339	$ 223.11
Covington & Burling	8/25/2016	60728340	$ 4,050.47
Covington & Burling	9/14/2016	60731373	$ 478.71
Covington & Burling	10/31/2016	60734947	$ 35.82
Covington & Burling	10/31/2016	60734944	$ 10,943.55
Covington & Burling	11/30/2016	60739048	$ 3,769.24
Covington & Burling	12/20/2017	60741233	$ 4,938.80
Covington & Burling	1/31/2017	60745660	$ 3,997.62
Covington & Burling	3/8/2017	60749284-D1	$ 1,353.37
Covington & Burling	3/15/2017	60750366	$ 1,983.78
Sally & Fitch	9/27/2016	31376	$ 26.60
Sally & Fitch	10/17/2016	31631-D1	$ 120.10
Sally & Fitch	12/19/2017	32153	$ 152.00
Sally & Fitch	1/17/2017	32408	$ 60.80
Sally & Fitch	2/15/2017	32621	$ 28.50
		Total	**$ 46,369.32**

Division 1-7

Request:

Re: the 560 Thames Street project, please provide supporting documentation regarding the identification of the MGP waste and the disposal of the MGP-impacted soil, including the method used to determine the waste was MGP related.

Response:

The 560 Thames Street, Newport property was the site of a MGP facility operated by the Newport Gas Light Company from approximately 1884 until 1955. During reconstruction of the gasoline service station at the property, visual and olfactory observations of apparent MGP material were made by the Company. These observations, together with laboratory analytical data, suggested that the material was MGP-impacted due to the presence of typical MGP-related compounds, including naphthalene, styrene, and cyanide. Without admitting any liability, and in a tight time frame required by the property owner's construction schedule, the Company transported and disposed of the apparent MGP-impacted soil. The removal was limited in scope and the MGP-impacted soil was transported and disposed of at ESMI.

Attachment DIV 1-7 contains the laboratory analytical data that supports the opinion that the removed material was MGP related. Due to the voluminous nature and large electronic file size associated with Attachment DIV 1-7, the Company is providing this attachment on CD-ROM.

Please see Attachment DIV 1-7 on CD-ROM.

Division 1-8

Request:

Re: pages 20 and 21 of the Annual Environmental Report, please:

a. Identify the costs of the "Public involvement activities" and a description of the activity;

b. Provide documentation of and the costs associated the "South washout repair";

Response:

a. The costs associated with routine public involvement activities performed by GZA were $395.01. Such costs included maintenance of, and regular posting on, the National Grid Tidewater website and two bulletin boards near the site.

The costs associated with public involvement activities for the south washout area work, which consisted of repairing a washout and repairing the associated stormwater system, were $2,141.93 for GZA and $606 for Potomac Communications Group (Potomac). GZA's work consisted of preparing and translating a public fact sheet describing the project; hosting a public meeting to present the proposed work, including meeting notification, presentation preparation, translation services, and meeting summary; and updating the website daily with the project status, including translation. Potomac's public involvement activities included development support for the fact sheet.

b. The September 23, 2016 Short Term Response Action Completion Report for the south washout repair is included as Attachment DIV 1-8b. The costs associated with the south washout repair were $29,956.23 for GZA to conduct engineering and field oversight, and $47,141 for Op-Tech Environmental Services, Inc. for the repair of the washout and replacement stormwater system infrastructure in the washout area. Due to the voluminous nature and large electronic file size associated with Attachment DIV 1-8b, the Company is providing this attachment on CD-ROM.

Prepared by or under the supervision of: Elizabeth M. Greene

Please see Attachment DIV 1-8b on CD-ROM.