Veolia Energy North America
Kendall Green Energy LLC
265 First Street
Cambridge, MA 02142
T 617 679 4800 F 617 354 1301

June 16, 2016

Water Enforcement, OES4-SMR
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Re: National Pollutant Discharge Elimination System (NPDES)
Discharge Monitoring Report (DMR)
Permit Number: MA0004898
Reporting Period: May 1 to 31, 2016

Delivery by NetDMR

Dear Sir/Madam:

Enclosed is the NPDES Discharge Monitoring Report (DMR) from Kendall Green Energy LLC located at 265 First Street in Cambridge, Massachusetts. This report covers the May 1 to 31, 2016 reporting period.

On December 17, 2010, the United States Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection Agency (MassDEP) issued to GenOn Kendall a new NPDES permit that became effective on February 1, 2011. On January 31, 2011, the EPA issued a Findings and Order for Compliance (Docket No. 11-005) and MassDEP issued a Unilateral Administrative Order (File No. UAO-BO-11-1N001) establishing interim permit limits until other projects are completed to comply with the permit.

If you have any questions, or require additional information, please contact me at (617) 483-0966.

Sincerely,

James Harrison

James Harrison
Manager EH&S

Copies: Scott McBurney - Veolia
Sean Caldwell - Veolia
MADEP, 205B Lowell Street, Wilmington MA 01887
MADEP, NPDES-DMRs
Division of Watershed Mgmt, 627 Main Street – 2nd floor, Worcester, MA 01608

Kendall Green Energy LLC NPDES DMR Data

Outfall SUM T --Condenser Cooling Water

Reporting Period -- May 2016

Date	Chlorine Pumps 1	2	3	Sample Time	Time of Analysis	Temp F (Influent)	TRC, mg/l Influent (only when above 50 F)	Outfall 001 TRC, mg/l Effluent (0.1)(0.1)	Outfall 002 TRC, mg/l Effluent (0.1)(0.1)	pH, Influent	Outfall 001 pH, Effluent (6.5)(9.0)	Outfall 002 pH, Effluent (6.5)(9.0)	Name of Sampler	Name of Analyst
5/1/2016	Off	Off	Off	0700	0705	56	0.03	-	-	7.30	7.30	7.40	TD	TD
5/2/2016	Off	Off	Off	0630	0635	55	0.03	-	-	7.00	7.10	7.10	TD	TD
5/3/2016	Off	Off	Off	0600	0605	55	0.01	-	-	7.00	7.00	7.00	TD	TD
5/4/2016	Off	Off	Off	0550	0555	54	0.01	-	-	7.00	7.00	7.10	TD	TD
5/5/2016	Off	Off	Off	0700	0710	55	0.01	-	-	7.33	7.30	7.30	JR	JR
5/6/2016	Off	Off	Off	0630	0645	55	0.01	-	-	7.11	7.10	7.30	TD	TD
5/7/2016	Off	Off	Off	0630	0640	55	0.03	-	-	7.16	7.10	7.20	JR	JR
5/8/2016	Off	Off	Off	0700	0715	55	0.03	-	-	7.14	7.13	7.14	MP	MP
5/9/2016	Off	Off	Off	0715	0720	55	0.03	-	-	7.44	7.21	7.17	SH	SH
5/10/2016	Off	Off	Off	0705	0710	55	0.02	-	-	7.48	7.31	7.33	SH	SH
5/11/2016	Off	Off	Off	0700	0705	57	0.02	-	-	7.51	7.25	7.15	SH	SH
5/12/2016	Off	Off	Off	0715	0720	57	0.02	-	-	7.56	7.41	7.10	SH	SH
5/13/2016	Off	Off	Off	0710	0715	60	0.05	-	-	7.23	7.11	7.24	SH	SH
5/14/2016	Off	Off	Off	0630	0640	61	0.08	-	-	7.21	7.20	7.23	TR	TR
5/15/2016	Off	Off	Off	0700	0705	62	0.05	-	-	7.18	7.10	7.14	SH	SH
5/16/2016	Off	Off	Off	0715	0720	62	0.04	-	-	7.45	7.24	7.27	SH	SH
5/17/2016	Off	Off	Off	1305	1310	62	0.03	-	-	7.38	7.38	7.35	JR	JR
5/18/2016	Off	Off	Off	0630	0640	58	0.08	-	-	7.43	7.40	7.42	TR	TR
5/19/2016	Off	Off	Off	0910	0920	59	0.06	-	-	7.54	7.56	7.52	TR	TR
5/20/2016	Off	Off	Off	0630	0640	59	0.08	-	-	7.43	7.41	7.42	TR	TR
5/21/2016	Off	Off	Off	0620	0630	50	0.06	-	-	7.29	7.27	7.35	RA	RA
5/22/2016	Off	Off	Off	0645	0655	61	0.05	-	-	7.44	7.41	7.42	TR	TR
5/23/2016	Off	Off	Off	0700	0710	62	0.04	-	-	7.38	7.40	7.44	FP	FP
5/24/2016	Off	Off	Off	0630	0640	62	0.05	-	-	7.31	7.33	7.28	RA	RA
5/25/2016	Off	Off	Off	0730	0740	63	0.07	-	-	7.36	7.32	7.35	FP	FP
5/26/2016	Off	Off	Off	0610	0620	63	0.06	-	-	7.39	7.41	7.37	RA	RA
5/27/2016	Off	Off	Off	0630	0640	68	0.06	-	-	7.27	7.25	7.24	TR	TR
5/28/2016	Off	Off	Off	0900	0905	67	0.03	-	-	7.83	7.78	7.77	MP	MP
5/29/2016	Off	Off	Off	0800	0810	70	0.04	-	-	7.61	7.58	7.60	FP	FP
5/30/2016	Off	Off	Off	1430	1440	69	0.05	-	-	7.60	7.55	7.61	TD	TD
5/31/2016	Off	Off	Off	0700	0710	69	0.03			7.58	7.56	7.60	FP	FP

Mo Avg	0.04	NA	NA	7.3	7.3	7.3
MAX	0.08	NA	NA	7.8	7.8	7.8
MIN	0.01	NA	NA	7.0	7.0	7.0

DMR Data for Outfall SUM-T	Actual	Limit
Min pH	7.0	6.5
Max pH	7.8	9.0
Daily Avg. Temp.	59.7	NA
Daily Max Temp.	70.0	105
Inst. Max Delta T	19	20
Flow, Mo Avg	45	70
Flow, Daily Max	45	80
Chlorine, Mo Avg	0.04	0.1
Chlorine, Daily Max	0.08	0.1

Kendall Green Energy LLC
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NPDES Permit No. MA0004898
Kendall Green Energy LLC
265 First Street, Cambridge, MA
Daily Flow and Temperature Summary
Outfall 001 through 004

	Max Flow Rate (MGD)	Min Flow Rate (MGD)	Total Flow (MGD)	Maximum Delta T (F)	Average Delta T (F)	Maximum Outfall Temp. (F)	Average Outfall Temp. (F)
5/1/2016	45	45	45	0	0	58	57
5/2/2016	45	45	45	1	0	57	56
5/3/2016	45	45	45	0	0	55	55
5/4/2016	45	45	45	16	8	75	64
5/5/2016	45	45	45	15	0	56	54
5/6/2016	45	45	45	0	0	54	54
5/7/2016	45	45	45	0	0	54	54
5/8/2016	45	45	45	0	0	54	54
5/9/2016	45	0	45	0	0	55	54
5/10/2016	13	13	10	0	0	54	54
5/11/2016	13	13	0	0	0	59	58
5/12/2016	13	13	10	0	0	60	58
5/13/2016	13	13	13	0	0	60	59
5/14/2016	13	13	13	0	0	62	61
5/15/2016	22	13	19	0	0	62	61
5/16/2016	22	22	22	0	0	61	59
5/17/2016	22	22	22	0	0	58	58
5/18/2016	22	22	22	0	0	60	59
5/19/2016	22	22	22	0	0	60	59
5/20/2016	45	22	36	18	3	81	64
5/21/2016	45	45	45	0	0	62	61
5/22/2016	45	45	45	0	0	63	62
5/23/2016	45	45	45	0	0	64	62
5/24/2016	45	45	45	18	5	81	67
5/25/2016	45	45	45	0	0	66	63
5/26/2016	45	45	45	0	0	68	66
5/27/2016	45	45	45	0	0	67	66
5/28/2016	45	32	45	0	0	70	68
5/29/2016	45	45	45	0	0	71	70
5/30/2016	45	45	45	0	0	68	68
5/31/2016	45	45	45	11	3	89	73
Monthly	45	0	35	18	1	89	61

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Daily Flow Summary
Outfall 005 through 007

	Total Flow (MGD) Outfall 005 Screenhouse No. 1	Total Flow (MGD) Outfall 006 Screenhouse No. 2	Total Flow (MGD) Outfall 007 Screenhouse No. 3
5/1/2016	0.001	0.002	0.000
5/2/2016	0.002	0.002	0.000
5/3/2016	0.002	0.002	0.000
5/4/2016	0.002	0.002	0.000
5/5/2016	0.002	0.002	0.000
5/6/2016	0.001	0.002	0.000
5/7/2016	0.001	0.002	0.000
5/8/2016	0.001	0.001	0.000
5/9/2016	0.001	0.001	0.000
5/10/2016	0.001	0.001	0.000
5/11/2016	0.002	0.002	0.000
5/12/2016	0.002	0.002	0.000
5/13/2016	0.001	0.001	0.000
5/14/2016	0.001	0.001	0.000
5/15/2016	0.001	0.001	0.000
5/16/2016	0.001	0.001	0.000
5/17/2016	0.001	0.001	0.000
5/18/2016	0.002	0.002	0.000
5/19/2016	0.003	0.003	0.000
5/20/2016	0.003	0.003	0.000
5/21/2016	0.001	0.002	0.000
5/22/2016	0.001	0.002	0.000
5/23/2016	0.002	0.002	0.000
5/24/2016	0.002	0.002	0.000
5/25/2016	0.001	0.002	0.000
5/26/2016	0.001	0.001	0.000
5/27/2016	0.002	0.002	0.000
5/28/2016	0.002	0.002	0.000
5/29/2016	0.001	0.001	0.000
5/30/2016	0.001	0.001	0.000
5/31/2016	0.002	0.002	0.000
Monthly	0.003	0.003	0.000

NPDES Permit # MA0004898

Hourly Flow and Delta T - May 2018

May 2018			0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Daily Max	Total
5/1/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		57.7
	Heat Rate	mmBTU	0	0	0	1	2	1	2	2	2	1	1	2	3	3	2	2	3	4	3	4	4	5	5	6	2.4		
5/2/2016	Delta T.	F°	0.4	0.4	0.5	0.3	0.4	0.3	0.2	0.3	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	6	7	8	5	6	5	3	4	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2.1		51.3
5/3/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/4/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	9.0	9.0	16.2	15.1	15.2	15.5	15.1	14.9	14.5	15.0	15.2	15.5	15.2	14.5	4.1	9	16	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	33	140	140	252	235	236	240	235	231	224	233	236	240	236	226	64	183.4		3201.9
5/5/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/6/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/7/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/8/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/9/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	0.3	0.0	0.0	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/10/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/11/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/12/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/13/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/14/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/15/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/16/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/17/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.934	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/18/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0	0	
	Total flow	MGH	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/19/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/20/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.5	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/21/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/22/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/23/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/24/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/25/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/26/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/27/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/28/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/29/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/30/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		0.0
5/31/2016	Delta T.	F°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.4	10.7	0.9	6.3	7.5	7.6	4.1	5.7	5.8	5.9	6.0	5.9	5.7	5.9	4	11	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	0	0	47	99	166	13	98	117	118	64	88	90	92	93	92	89	92	56.6		1357.3

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NPDES Permit No. MA0004898
Kendall Green Energy LLC
265 First Street, Cambridge, MA
Daily Heat Load Calculation
Outfall 001 through 004

	Monthly Average (mBTU/d)	Daily Max (mBTU/d)
June 2015	7,909	9,707
July 2015	9,275	10,969
August 2015	9,368	10,776
September 2015	9,704	11,067
October 2015	8,083	9,321
Novenber 2015	7,000	8,775
December 2015	6,308	8,882
January 2016	4,842	6,403
February 2016	5,630	6,772
March 2016	6,308	6,859
April 2016	2,373	6,859
May 2016	180	1,844
12 Month Avg.	6,415	8,186

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NPDES Permit No. MA0004898
Kendall Greene Energy, LLC
Weekly TSS, Oil and Grease and TRC Sampling Outfall 009

TSS Sample Results		Oil and Grease Sample Results		Total Residual Chlorine Sample Results*	
Sample Date	TSS mg/l	Sample Date	Oil and Grease mg/l	Sample Date	TRC mg/l*
5/5/2016	6	5/5/2016	< 5	5/5/2016	<0.01
5/11/2016	N.F.	5/11/2016	N.F.	5/11/2016	N.F.
5/18/2016	N.F.	5/18/2016	N.F.	5/18/2016	N.F.
5/24/2016	26	5/24/2016	< 5	5/24/2016	0.08
Montly Avg	16	Monthly Avg	< 5	Monthly Avg	0.045

* Sampled durring chlorination events only.
NA - Not Applicable, No chlorination performed
Method reporting limit (5 mg/l)
N.F.= No Flow, Boilers down for maintenance 5/8-5/20.

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NPDES Permit No. MA0004898
Kendall Green Energy, LLC
Daily Flow Summary
Outfall 009

	Total Flow (MGD)
5/1/2016	0.08
5/2/2016	0.10
5/3/2016	0.13
5/4/2016	0.29
5/5/2016	0.13
5/6/2016	0.06
5/7/2016	0.00
5/8/2016	0.01
5/9/2016	0.00
5/10/2016	0.01
5/11/2016	0.00
5/12/2016	0.00
5/13/2016	0.00
5/14/2016	0.00
5/15/2016	0.00
5/16/2016	0.00
5/17/2016	0.00
5/18/2016	0.01
5/19/2016	0.04
5/20/2016	0.09
5/21/2016	0.08
5/22/2016	0.07
5/23/2016	0.07
5/24/2016	0.14
5/25/2016	0.07
5/26/2016	0.01
5/27/2016	0.01
5/28/2016	0.13
5/29/2016	0.07
5/30/2016	0.08
5/31/2016	0.18
Monthly Total	1.87
Monly Avg MGD	0.06
Max Flow MGD	0.29
Min Flow MGD	(0.00)