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

May19, 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: April 1 to 30, 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 Apr. 1 to 30, 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 (857) 401-9842.

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 -- April 2016

Date	Chlorine Pumps 1	Chlorine Pumps 2	Chlorine Pumps 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
4/1/2016	Off	Off	Off	0550	0600	47		-	-	7.27	7.24	7.29	FP	FP
4/2/2016	Off	Off	Off	0750	0755	49		-	-	7.20	7.20	7.20	TD	TD
4/3/2016	Off	Off	Off	0830	0840	50	0.04	-	-	7.28	7.31	7.29	FP	FP
4/4/2016	Off	Off	Off	0900	0920	50	0.06	-	-	7.59	7.58	7.59	MP	MP
4/5/2016	Off	Off	Off	0720	0740	45		-	-	7.53	7.51	7.52	MP	MP
4/6/2016	Off	Off	Off	0700	0715	46		-	-	7.13	7.16	7.15	MP	MP
4/7/2016	Off	Off	Off	0700	0710	46		-	-	6.98	6.99	7.01	MP	MP
4/8/2016	Off	Off	Off	0900	0920	46		-	-	7.13	7.16	7.15	MP	MP
4/9/2016	Off	Off	Off	0705	0710	47		-	-	7.51	7.44	7.31	SH	SH
4/10/2016	Off	Off	Off	0715	0720	47		-	-	7.50	7.26	7.35	SH	SH
4/11/2016	Off	Off	Off	0725	0730	49		-	-	7.44	7.41	7.41	JR	JR
4/12/2016	Off	Off	Off	0700	0710	48		-	-	7.48	7.48	7.46	JR	JR
4/13/2016	Off	Off	Off	0815	0820	48		-	-	7.33	7.36	7.33	JR	JR
4/14/2016	Off	Off	Off	0750	0755	49		-	-	7.36	7.36	7.38	JR	JR
4/15/2016	Off	Off	Off	0800	0810	49		-	-	7.41	7.41	7.41	JR	JR
4/16/2016	Off	Off	Off	0630	0640	50	0.03	-	-	7.17	7.15	7.16	TR	TR
4/17/2016	Off	Off	Off	0640	0655	51	0.05	-	-	7.21	7.22	7.23	TR	TR
4/18/2016	Off	Off	Off	1030	1040	52	0.04	-	-	7.27	7.28	7.27	TR	TR
4/19/2016	Off	Off	Off	0630	0640	53	0.03	-	-	7.10	7.07	7.08	TR	TR
4/20/2016	Off	Off	Off	1030	1040	54	0.04	-	-	7.13	7.10	7.13	TR	TR
4/21/2016	Off	Off	Off	0640	0650	54	0.04	-	-	7.15	7.17	7.13	TR	TR
4/22/2016	Off	Off	Off	0630	0640	57	0.05	-	-	7.28	7.26	7.31	TR	TR
4/23/2016	Off	Off	Off	0700	0720	59	0.06	-	-	7.15	7.19	7.23	GF	GF
4/24/2016	Off	Off	Off	0600	0610	59	0.04	-	-	7.31	7.25	7.29	FP	FP
4/25/2016	Off	Off	Off	0700	0710	58	0.06	-	-	7.43	7.37	7.41	FP	FP
4/26/2016	Off	Off	Off	0700	0710	59	0.04	-	-	7.38	7.35	7.38	JR	JR
4/27/2016	Off	Off	Off	0730	0740	57	0.05	-	-	7.41	7.37	7.42	FP	FP
4/28/2016	Off	Off	Off	0700	0715	56	0.07	-	-	7.52	7.48	7.51	MP	MP
4/29/2016	Off	Off	Off	0640	0650	56	0.05	-	-	7.51	7.49	7.53	FP	FP
4/30/2016	Off	Off	Off	0655	0700	56	0.04	-	-	7.49	7.47	7.41	TD	TD
						Mo Avg	0.05	NA	NA	7.3	7.3	7.3		
						MAX	0.07	NA	NA	7.6	7.6	7.6		
						MIN	0.03	NA	NA	7.0	7.0	7.0		

DMR Data for Outfall SUM-T	Actual	Limit
Min pH	7.0	6.5
Max pH	7.6	9.0
Daily Avg. Temp.	59.0	NA
Daily Max Temp.	80.0	105
Inst. Max Delta T	19	20
Flow, Mo Avg	37	70
Flow, Daily Max	45	80
Chlorine, Mo Avg	0.05	0.1
Chlorine, Daily Max	0.07	0.1

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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)
4/1/2016	45	45	45	19	18	73	69
4/2/2016	45	45	45	19	4	61	55
4/3/2016	45	45	45	0	0	51	50
4/4/2016	45	9	28	2	1	53	49
4/5/2016	45	19	42	10	6	68	53
4/6/2016	45	45	45	8	7	55	53
4/7/2016	45	19	22	18	15	69	62
4/8/2016	19	19	19	7	1	50	48
4/9/2016	19	19	19	1	1	49	48
4/10/2016	32	19	25	1	0	49	47
4/11/2016	32	32	32	0	0	48	47
4/12/2016	32	32	32	0	0	49	48
4/13/2016	32	32	32	0	0	50	49
4/14/2016	32	32	32	0	0	50	49
4/15/2016	32	32	32	0	0	51	50
4/16/2016	32	32	32	0	0	51	50
4/17/2016	32	32	32	0	0	54	52
4/18/2016	32	32	32	0	0	55	53
4/19/2016	32	32	32	0	0	54	54
4/20/2016	45	32	43	19	11	75	66
4/21/2016	45	45	45	18	16	76	72
4/22/2016	45	45	45	18	18	79	76
4/23/2016	45	45	45	19	18	80	78
4/24/2016	45	45	45	18	15	79	74
4/25/2016	45	45	45	19	17	79	75
4/26/2016	45	45	45	17	15	78	73
4/27/2016	45	45	45	18	16	77	74
4/28/2016	45	45	45	18	15	79	73
4/29/2016	45	45	45	17	1	78	58
4/30/2016	45	45	45	0	0	59	57
Monthly	45	9	37	19	6	80	59

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265 First Street, Cambridge, MA
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
4/1/2016	0.001	0.002	0.000
4/2/2016	0.001	0.002	0.000
4/3/2016	0.001	0.002	0.000
4/4/2016	0.002	0.001	0.000
4/5/2016	0.002	0.002	0.000
4/6/2016	0.001	0.002	0.000
4/7/2016	0.001	0.001	0.000
4/8/2016	0.001	0.001	0.000
4/9/2016	0.001	0.001	0.000
4/10/2016	0.001	0.001	0.000
4/11/2016	0.001	0.001	0.000
4/12/2016	0.001	0.001	0.000
4/13/2016	0.001	0.002	0.000
4/14/2016	0.002	0.002	0.000
4/15/2016	0.001	0.001	0.000
4/16/2016	0.001	0.001	0.000
4/17/2016	0.001	0.001	0.000
4/18/2016	0.001	0.001	0.000
4/19/2016	0.001	0.001	0.000
4/20/2016	0.002	0.002	0.000
4/21/2016	0.002	0.002	0.000
4/22/2016	0.001	0.002	0.000
4/23/2016	0.001	0.002	0.000
4/24/2016	0.001	0.001	0.000
4/25/2016	0.001	0.001	0.000
4/26/2016	0.001	0.001	0.000
4/27/2016	0.001	0.002	0.000
4/28/2016	0.001	0.002	0.000
4/29/2016	0.001	0.002	0.000
4/30/2016	0.001	0.001	0.000
Monthly	0.002	0.002	0.000

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NPDES Permit No. MA0004898
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Daily Heat Load Calculation
Outfall 001 through 004

	Monthly Average (mBTU/d)	Daily Max (mBTU/d)
May 2015	8,083	9,321
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
12 Month Avg.	7,074	8,809

NPDES Permit # MA0004898
Hourly Flow Rates and Delta T
April 2016

April 2016			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
4/1/2016	Delta T.	F°	18.7	18.7	18.9	19.0	18.9	18.2	16.9	17.3	17.8	17.8	18.0	18.4	18.8	18.6	18.5	18.5	18.6	18.7	18.6	18.7	18.2	18.2	18.6	9.3	18	19	
	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	290	290	294	295	293	283	262	269	276	277	280	286	291	288	288	288	289	290	289	291	282	283	290	145	279.6		6710.5
4/2/2016	Delta T.	F°	6.0	7.3	5.0	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.7	4.8	4.8	5.0	2.6	-0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	3	7	
	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	93	114	77	69	69	70	71	72	72	71	73	75	75	77	41	0	0	1	1	1	1	1	1	0	46.8		1124.0
4/3/2016	Delta T.	F°	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.3	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.1	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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1		3.2
4/4/2016	Delta T.	F°	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.2	0.2	0.2	0.1	0.8	1.8	2.0	2.1	2.2	2.2	2.1	2.2	1.7	0.8	1	2	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.5	1.5	1.5	1.5	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.8	1.2		
	Heat Rate	mmBTU	0	0	0	0	0	0	1	0	0	2	2	2	2	2	5	6	7	7	7	7	7	7	8	5	3.2		76.9
4/5/2016	Delta T.	F°	0.8	0.7	1.4	6.1	5.1	4.8	4.7	5.0	7.2	7.0	6.4	6.6	6.9	6.9	6.3	5.7	6.4	8.8	10.4	7.8	7.5	7.4	7.5	7.5	6	10	
	Total flow	MGH	0.8	0.8	0.8	0.9	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	1.7		
	Heat Rate	mmBTU	5	5	9	47	80	75	73	78	112	109	100	103	107	108	98	89	100	136	162	121	116	115	117	117	90.9		2181.9
4/6/2016	Delta T.	F°	7.6	7.6	7.0	5.9	5.8	5.8	7.4	7.2	6.9	6.9	6.9	6.7	6.5	6.8	6.9	7.2	7.1	7.3	7.5	7.5	7.4	7.4	7.3	7.3	7	8	
	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	118	118	108	91	90	90	114	111	107	107	106	104	101	106	107	112	110	113	116	117	115	115	114	113	108.5		2604.5
4/7/2016	Delta T.	F°	7.3	7.3	7.4	7.3	14.5	17.2	16.3	17.1	17.6	17.9	17.9	17.5	17.5	17.6	17.5	17.4	17.6	17.7	17.8	17.7	17.6	17.7	7.2	0.8	15	18	
	Total flow	MGH	1.9	1.9	1.9	1.9	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0		
	Heat Rate	mmBTU	114	114	114	114	129	113	107	112	115	118	118	115	115	116	115	114	116	116	117	116	116	116	48	5	108.0		2591.6
4/8/2016	Delta T.	F°	1.1	1.2	1.2	1.2	0.8	1.0	1.1	1.2	1.2	0.9	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.9	0.8	0.8	1	1	
	Total flow	MGH	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
	Heat Rate	mmBTU	7	8	8	8	6	6	7	8	8	6	5	5	5	5	5	5	5	4	4	6	6	6	5	5	5.9		140.6
4/9/2016	Delta T.	F°	0.8	0.8	0.7	0.7	0.8	0.6	0.4	0.6	0.7	0.9	0.8	0.9	0.8	0.5	0.0	0.1	0.3	0.4	0.4	0.6	0.7	0.9	0.9	0.9	1	1	
	Total flow	MGH	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
	Heat Rate	mmBTU	5	5	5	4	5	4	3	4	5	6	6	6	6	3	0	0	2	3	2	4	4	6	6	6	4.1		98.8
4/10/2016	Delta T.	F°	0.9	0.9	0.9	1.0	1.1	0.9	0.9	0.9	1.1	0.9	0.8	0.9	0.8	0.7	-0.1	-0.2	-0.5	-0.6	-0.4	-0.3	-0.2	-0.2	-0.2	-0.2	0	1	
	Total flow	MGH	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0		
	Heat Rate	mmBTU	6	6	6	7	7	6	6	6	7	6	5	6	6	5	0	0	0	0	0	0	0	0	0	0	3.5		83.9
4/11/2016	Delta T.	F°	-0.2	-0.1	-0.2	-0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	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
4/12/2016	Delta T.	F°	-0.2	-0.2	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.4	-0.3	-0.3	-0.2	-0.1	-0.2	-0.2	-0.2	-0.3	-0.1	-0.2	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	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
4/13/2016	Delta T.	F°	-0.2	-0.3	-0.3	-0.2	-0.3	-0.2	-0.1	-0.2	-0.1	0.0	-0.4	-0.7	-1.0	-0.9	-0.8	-0.6	-0.6	-0.5	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	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
4/14/2016	Delta T.	F°	-0.2	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	0.1	0.1	0.0	-0.2	-0.3	-0.3	-0.4	-0.2	-0.1	-0.2	-0.1	-0.3	-0.3	-0.2	-0.4	-0.3	-0.3	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1		1.5
4/15/2016	Delta T.	F°	-0.3	-0.2	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	-0.2	-0.7	-0.9	-1.0	-1.0	-0.9	-1.0	-1.1	-1.1	-0.9	-0.8	-0.7	-0.6	-0.5	-0.5	-1	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	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
4/16/2016	Delta T.	F°	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.5	-0.7	-0.7	-0.8	-0.3	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3	-0.2	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	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
4/17/2016	Delta T.	F°	-0.2	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	No Data	No Data	-0.4	-0.4	-0.6	-0.9	-0.9	-0.8	-0.6	-0.6	-0.7	-0.7	-0.4	-0.3	-0.2	-0.2	-0.2	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	######	######	1.3	1.335	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	#VALUE!		
	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	#VALUE!		#VALUE!
4/18/2016	Delta T.	F°	-0.2	-0.1	-0.2	-0.2	-0.1	0.1	0.2	0.0	0.2	0.2	-0.1	-1.1	-0.9	-0.5	-0.4	-0.2	-0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	Heat Rate	mmBTU	0	0	0	0	0	1	3	0	2	3	0	0	0	0	0	0	0	1	2	3	3	4	4	4	1.2		28.9
4/19/2016	Delta T.	F°	0.4	0.3	0.2	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.1	0.0	-0.1	-0.2	-0.2	-0.1	0.0	0.0	-0.1	0.0	0	0	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
	Heat Rate	mmBTU	4	3	2	1	2	3	4	4	4	4	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1.8		44.0
4/20/2016	Delta T.	F°	0.0	0.2	0.2	0.2	0.3	1.2	6.9	8.2	15.8	14.3	14.0	15.3	16.6	16.8	16.8	16.8	17.2	17.5	18.8	18.9	18.8	18.1	16.6	13.6	12	19	
	Total flow	MGH	1.3	1.3	1.3	1.3	1.6	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	1.8		
	Heat Rate	mmBTU	0	2	2	2	4	18	107	127	246	221	218	237	259	260	261	261	268	271	292	294	292	282	258	211	183.0		4392.7
4/21/2016	Delta T.	F°	13.8	13.7	13.5	13.1	12.6	11.5	14.3	14.4	16.3	17.8	17.3	17.3	17.1	17.2	17.4	17.2	17.7	18.2	18.1	17.5	17.5	16.6	17.9	18.0	16	18	
	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	215	213	210	203	196	178	222	224	253	277	268	268	266	267	271	267	274	283	282	272	271	257	279	280	249.7		5994.0
4/22/2016	Delta T.	F°	18.4	18.2	18.1	18.0	17.7	17.2	17.7	17.3	17.6	17.5	17.2	17.3	17.6	17.2	16.6	17.2	17.5	17.7	18.1	18.4	18.4	17.5	18.1	17.7	18	18	
	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	286	283	281	279	276	266	275	269	274	272	267	269	273	266	258	268	272	275	282	286	286	272	281	276	274.5		6588.4
4/23/2016	Delta T.	F°	17.9	17.8	17.8	17.8	17.7	17.6	17.2	15.6	17.8	18.5	18.5	18.7	18.1	17.5	17.1	17.3	17.7	17.7	18.3	17.8	18.3	17.2	16.1	15.4	18	19	
	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	279	276	277	277	274	273	267	243	276	287	288	291	281	272	266	268	275	275	284	276	285	267	249	239	272.6		6542.6
4/24/2016	Delta T.	F°	15.2	14.9	14.9	14.9	14.8	14.6	14.7	14.3	13.8	14.2	14.1	13.4	13.6	14.5	14.8	15.0	15.5	18.1	18.1	18.3	18.4	17.3	15.3	14.8	15	18	
	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	237	231	231	232	229	227	228	222	215	220	219	208	212	225	230	233	240	280	282	284	286	269	238	229	237.8		5707.5
4/25/2016	Delta T.	F°	14.6	14.2	14.2	14.4	14.2	13.6	16.2	16.0	16.9	17.6	18.0	17.6	18.3	17.6	17.6	18.3	18.0	18.3	18.9	18.5	18.6	18.1	17.2	16.9	17	19	
	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	227	221	220	224	221	211	252	249	263	273	280	273	284	274	274	284	280	285	293	288	288	280	266	262	261.3		6271.9
4/26/2016	Delta T.	F°	16.8	17.3	15.9	15.4	15.8	15.9	15.6	13.8	14.6	14.6	14.1	14.3	14.2	14.5	15.0	14.7	15.2	15.2	15.5	15.5	16.1	12.2	14.8	15.3	15	17	
	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	260	269	247	240	246	248	243	214	227	227	218	222	221	226	233	229	236	236	241	240	250	190	230	238	234.6		5630.3
4/27/2016	Delta T.	F°	15.9	15.1	15.0	15.1	15.7	13.9	15.6	14.5	15.3	15.0	15.1	16.0	16.2	16.9	17.6	17.5	17.8	18.1	17.6	17.5	17.8	18.4	18.1	15.8	16	18	
	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	247	234	232	234	243	216	242	226	237	233	234	249	252	262	274	272	277	282	274	272	276	286	281	245	253.4		6081.0
4/28/2016	Delta T.	F°	15.2	14.2	13.3	12.5	12.2	11.9	15.6	12.9	11.8	12.6	14.6	15.6	16.5	16.7	17.0	17.0	17.6	17.6	17.5	17.7	17.7	17.5	14.2	16.7	15	18	
	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	236	221	206	193	190	184	242	200	183	196	227	242	256	260	264	264	273	274	273	275	275	272	220	259	236.8		5684.3
4/29/2016	Delta T.	F°	7.3	0.0	0.1	0.1	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0	7	
	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	114	1	1	2	4	4	3	3	4	4	3	3	2	0	1	2	2	2	1	2	2	3	3	3	7.0		168.6
4/30/2016	Delta T.	F°	0.2	0.3	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.0	-0.4	-0.4	-0.4	-0.6	-0.4	-0.3	-0.2	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	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	4	4	3	4	4	5	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2		29.2
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		
	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		57.7

Avg	2373
Max	#VALUE!
MAX	6859

Kendall Green Energy, LLC
265 First Street
Cambridge, MA 02142
T 617 679 4800

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*
4/1/2016	< 5	4/1/2016	< 5	NA	
4/5/2016	< 5	4/5/2016	< 5	NA	
4/12/2016	< 5	4/12/2016	< 5	NA	
4/21/2016	< 5	4/21/2016	< 5	NA	
4/27/2016	< 5	4/28/2016	< 5	NA	
Montly Avg	< 5	Monthly Avg	< 5	Monthly Avg	

* Sampled durring chlorination events only.
NA - Not Applicable, No chlorination performed
Method reporting limit (5 mg/l)

Kendall Green Energy, LLC
265 First Street
Cambridge, MA 02142
T 617 679 4800

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

	Total Flow (MGD)
4/1/2016	0.02
4/2/2016	0.04
4/3/2016	0.00
4/4/2016	0.00
4/5/2016	0.09
4/6/2016	0.22
4/7/2016	0.23
4/8/2016	0.10
4/9/2016	0.09
4/10/2016	0.08
4/11/2016	0.08
4/12/2016	0.08
4/13/2016	0.08
4/14/2016	0.06
4/15/2016	0.13
4/16/2016	0.07
4/17/2016	0.06
4/18/2016	0.07
4/19/2016	0.07
4/20/2016	0.15
4/21/2016	0.14
4/22/2016	0.12
4/23/2016	0.23
4/24/2016	0.26
4/25/2016	0.28
4/26/2016	0.29
4/27/2016	0.28
4/28/2016	0.28
4/29/2016	0.19
4/30/2016	0.12
Monthly Total	3.98
Monly Avg MGD	0.128
Max Flow MGD	0.287
Min Flow MGD	(0.000)