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

October 19, 2015

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: Sept 1 to 30, 2015

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 Sept. 1 to 30, 2015 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,

Sean Caldwell
Director EH&S

Copies: Scott McBurney - Veolia
James Harrison - 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 -- September 2015

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
9/1/2015	Off	Off	Off	0710	0715	79	0.04	-	-	8.40	8.40	8.40	SH	SH
9/2/2015	Off	Off	Off	0720	0725	79	0.04	-	-	8.40	8.40	8.40	SH	SH
9/3/2015	Off	Off	Off	0715	0720	79	0.04	-	-	8.50	8.50	8.50	SH	SH
9/4/2015	Off	Off	Off	0710	0715	80	0.04	-	-	8.30	8.20	8.20	SH	SH
9/5/2015	Off	Off	Off	0635	0645	78	0.06	-	-	8.29	8.25	8.27	TR	TR
9/6/2015	Off	Off	Off	0720	0725	77	0.05	-	-	8.30	8.28	8.30	GF	GF
9/7/2015	Off	Off	Off	0845	0905	77	0.06	-	-	8.40	8.40	8.40	TR	TR
9/8/2015	Off	Off	Off	0630	0640	79	0.03	-	-	8.40	8.40	8.40	TR	TR
9/9/2015	Off	Off	Off	0620	0630	79	0.04	-	-	8.50	8.50	8.50	TR	TR
9/10/2015	Off	Off	Off	0630	0640	81	0.08	-	-	8.4	8.4	8.4	TR	TR
9/11/2015	Off	Off	Off	0645	0655	79	0.07	-	-	8.10	8.10	8.10	MP	MP
9/12/2015	Off	Off	Off	0625	0630	79	0.06	-	-	8.20	8.00	8.20	RA	RA
9/13/2015	Off	Off	Off	0710	0720	76	0.07	-	-	7.90	7.80	8.10	FP	FP
9/14/2015	Off	Off	Off	0830	0840	75	0.08	-	-	8.20	8.10	8.30	FP	FP
9/15/2015	Off	Off	Off	0645	0650	76	0.06	-	-	8.10	7.90	8.20	RA	RA
9/16/2015	Off	Off	Off	0750	0800	75	0.05	-	-	8.00	7.80	8.00	FP	FP
9/17/2015	Off	Off	Off	0700	0710	75	0.06	-	-	8.20	8.00	8.40	RA	RA
9/18/2015	Off	Off	Off	0710	0715	76	0.04	-	-	8.50	8.00	8.20	PT	PT
9/19/2015	Off	Off	Off	0725	0730	76	0.08	-	-	8.48	n.s.*	8.46	MP	MP
9/20/2015	Off	Off	Off	0700	0715	76	0.17	-	-	8.18	n.s.*	8.65	MP	MP
9/21/2015	Off	Off	Off	0700	0715	76	0.07	-	-	8.41	n.s*	8.43	MP	MP
9/22/2015	Off	Off	Off	0700	0715	73	0.07	-	-	8.37	n.s.*	8.36	MP	MP
9/23/2015	Off	Off	Off	0705	0720	73	0.09	-	-	7.98	n.s.*	7.97	MP	MP
9/24/2015	Off	Off	Off	0715	0730	72	0.07	-	-	7.78	n.s.*	7.83	MP	MP
9/25/2015	Off	Off	Off	0700	0715	75	0.07	-	-	7.69	7.71	7.69	MP	MP
9/26/2015	Off	Off	Off	0715	0730	72	0.06	-	-	7.62	7.62	7.61	MP	MP
9/27/2015	Off	Off	Off	0705	0710	72	0.04	-	-	7.38	7.28	7.33	SH	SH
9/28/2015	Off	Off	Off	0730	0740	72	0.04	-	-	7.41	7.18	7.26	SH	SH
9/29/2015	Off	Off	Off	0710	0715	73	0.03	-	-	7.51	7.28	7.31	SH	SH
9/30/2015	Off	Off	Off	0720	0725	73	0.03	-	-	7.55	7.33	7.25	SH	SH
						Mo Avg	0.06	NA	NA	8.1	8.0	8.1		
						MAX	0.17	NA	NA	8.5	8.5	8.7		
						MIN	0.03	NA	NA	7.4	7.2	7.3		

DMR Data for Outfall SUM-T	Actual	Limit
Min pH	7.2	6.5
Max pH	8.7	9.0
Daily Avg. Temp.	94.0	NA
Daily Max Temp.	102.0	105
Inst. Max Delta T	20	20
Flow, Mo Avg	68	70
Flow, Daily Max	71	80
Chlorine, Mo Avg	0.06	0.1
Chlorine, Daily Max	0.17*	0.1

n.s.* = No Sample, pump broken

* Note: No chlorination performed by Kendall.

VEOLIA ENERGY

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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)
9/1/2015	71	71	71	19	18	101	98
9/2/2015	71	71	71	19	17	101	97
9/3/2015	71	71	71	20	18	101	99
9/4/2015	71	71	71	19	19	100	98
9/5/2015	71	71	71	20	19	100	98
9/6/2015	71	71	71	19	18	99	97
9/7/2015	71	71	71	19	18	100	97
9/8/2015	71	71	71	20	19	102	99
9/9/2015	71	71	71	20	18	102	99
9/10/2015	71	71	71	20	18	102	99
9/11/2015	71	71	71	20	19	99	97
9/12/2015	71	71	71	19	19	98	97
9/13/2015	71	45	64	20	17	97	94
9/14/2015	58	58	58	17	16	93	91
9/15/2015	58	58	58	17	16	93	91
9/16/2015	58	58	58	16	15	92	90
9/17/2015	71	58	62	17	14	94	89
9/18/2015	71	58	62	17	16	94	93
9/19/2015	71	58	59	17	16	94	93
9/20/2015	71	57	66	18	15	94	91
9/21/2015	71	57	63	18	17	94	92
9/22/2015	71	71	71	19	18	94	92
9/23/2015	71	71	71	19	17	93	91
9/24/2015	71	71	71	19	17	93	90
9/25/2015	71	71	71	18	17	92	90
9/26/2015	71	71	71	17	16	90	89
9/27/2015	71	71	71	17	16	90	88
9/28/2015	71	71	71	19	17	91	88
9/29/2015	71	71	71	18	17	92	90
9/30/2015	71	71	71	19	17	93	90
Monthly	71	45	68	20	17	102	94

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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
9/1/2015	0.001	0.001	0.001
9/2/2015	0.003	0.001	0.001
9/3/2015	0.003	0.001	0.001
9/4/2015	0.003	0.002	0.002
9/5/2015	0.003	0.002	0.002
9/6/2015	0.002	0.002	0.002
9/7/2015	0.002	0.002	0.002
9/8/2015	0.002	0.002	0.002
9/9/2015	0.002	0.002	0.002
9/10/2015	0.002	0.001	0.002
9/11/2015	0.001	0.002	0.001
9/12/2015	0.002	0.002	0.002
9/13/2015	0.002	0.002	0.002
9/14/2015	0.002	0.002	0.001
9/15/2015	0.002	0.001	0.001
9/16/2015	0.002	0.001	0.001
9/17/2015	0.002	0.001	0.001
9/18/2015	0.001	0.001	0.001
9/19/2015	0.002	0.001	0.001
9/20/2015	0.002	0.002	0.002
9/21/2015	0.002	0.002	0.002
9/22/2015	0.001	0.001	0.002
9/23/2015	0.001	0.001	0.001
9/24/2015	0.001	0.001	0.001
9/25/2015	0.002	0.001	0.001
9/26/2015	0.002	0.001	0.001
9/27/2015	0.001	0.001	0.001
9/28/2015	0.001	0.001	0.001
9/29/2015	0.001	0.002	0.002
9/30/2015	0.002	0.002	0.002
Monthly	0.003	0.002	0.002

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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)
October 2014	8,072	9,901
November 2014	3,627	8,120
December 2014	5,857	7,918
January 2015	4,594	6,244
February 2015	3,983	5,916
March 2015	5,021	6,157
April 2015	6,814	9,427
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
12 Month Avg.	6,859	8,794

NPDES Permit # MA0004898
Hourly Flow Rates and Delta T
September 2015

September 2015			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
9/1/2015	Delta T.	F°	18.6	18.5	18.4	18.3	18.7	18.8	17.4	16.8	17.0	17.3	16.8	16.6	16.7	16.6	16.6	16.7	17.4	18.0	18.9	18.5	18.7	18.7	18.7	17.6	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	456	454	452	448	459	461	427	411	417	424	411	409	409	407	406	410	426	441	464	454	460	460	459	433	435.7		10457.7
9/2/2015	Delta T.	F°	17.0	17.7	16.2	16.4	17.5	18.3	17.9	17.7	16.8	16.9	17.2	17.0	16.9	16.5	16.3	16.4	16.8	17.3	18.7	18.6	18.7	19.3	19.4	19.5	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	418	435	397	402	430	449	440	434	413	416	421	417	416	405	400	403	413	424	458	455	459	473	475	478	430.4		10328.8
9/3/2015	Delta T.	F°	19.2	19.3	19.3	19.3	18.4	17.9	17.4	17.7	17.3	17.1	17.0	16.8	17.0	16.7	17.2	18.1	18.5	18.4	19.0	18.9	19.0	19.6	19.2	19.2	18	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	471	474	473	473	452	439	428	434	424	420	417	411	418	410	421	444	454	452	466	464	467	480	471	470	447.2		10733.6
9/4/2015	Delta T.	F°	19.2	19.2	19.3	19.3	19.1	18.3	18.2	18.3	18.3	18.1	18.4	18.6	18.8	18.3	18.2	18.5	18.4	18.6	18.6	18.4	18.5	18.5	18.5	18.5	19	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	471	471	473	472	468	449	446	449	449	445	451	456	461	449	447	453	451	457	457	451	454	454	454	454	455.8		10939.6
9/5/2015	Delta T.	F°	18.8	19.1	19.1	19.0	19.0	18.9	18.7	18.5	18.4	18.1	18.1	17.9	18.0	18.8	19.1	19.6	19.5	19.4	19.1	18.9	18.9	18.8	18.5	18.6	19	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	461	470	468	467	467	464	460	455	453	445	444	440	441	461	469	480	479	476	470	464	464	461	453	457	461.1		11067.4
9/6/2015	Delta T.	F°	19.0	19.0	19.1	19.1	19.1	18.8	17.7	17.6	18.6	18.5	18.0	17.8	17.6	18.2	18.2	18.0	18.4	18.5	18.8	18.0	17.9	18.4	18.9	19.5	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	467	466	468	468	468	462	434	431	456	453	442	436	431	447	447	442	451	455	461	442	440	452	464	477	452.5		10859.4
9/7/2015	Delta T.	F°	18.3	18.8	19.4	18.0	17.9	18.4	17.6	16.4	16.4	17.8	17.8	17.5	18.1	18.0	18.0	18.3	18.6	18.7	18.7	18.9	18.9	18.7	18.9	19.1	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	448	462	475	443	440	453	432	402	403	437	436	430	443	441	442	448	455	459	458	463	464	459	465	467	446.8		10724.3
9/8/2015	Delta T.	F°	18.6	18.9	18.1	18.3	18.5	17.9	17.2	17.0	17.1	18.0	18.4	18.3	18.1	17.8	19.5	19.8	19.7	19.8	19.4	19.5	19.3	18.6	18.7	18.5	19	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	457	463	445	449	454	438	422	416	419	443	451	448	444	436	479	487	483	486	475	480	472	456	458	453	454.8		10915.8
9/9/2015	Delta T.	F°	18.8	18.5	18.7	18.7	18.4	18.2	17.7	17.6	18.0	17.8	17.6	17.4	17.6	17.2	17.2	17.5	19.0	19.7	19.2	19.1	19.3	19.4	19.5	19.6	18	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	461	454	459	458	451	447	433	433	441	436	432	428	431	422	423	429	465	482	471	469	474	475	479	480	451.5		10835.0
9/10/2015	Delta T.	F°	19.6	19.6	19.4	19.2	18.4	18.1	18.5	18.2	17.2	17.5	17.7	17.8	18.0	17.8	17.9	18.1	18.4	18.6	18.8	18.4	18.3	19.4	19.2	19.4	18	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	480	480	475	470	452	445	455	448	423	430	435	437	442	438	440	445	451	456	462	451	449	476	471	475	453.5		10884.7
9/11/2015	Delta T.	F°	19.4	19.1	18.7	19.2	19.3	18.8	17.7	17.6	17.7	17.7	17.8	17.9	18.0	18.0	18.1	18.1	18.2	19.1	19.1	19.3	19.7	19.2	19.1	19.0	19	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	476	469	459	472	474	461	433	432	434	433	438	439	442	443	444	445	447	467	469	473	484	472	469	467	455.9		10940.4
9/12/2015	Delta T.	F°	19.3	19.4	19.4	19.4	19.3	19.3	19.2	17.7	18.1	18.1	18.0	18.3	18.3	18.3	18.2	18.3	18.4	18.8	18.9	18.9	18.9	19.2	19.4	19.5	19	20	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	474	475	476	476	474	474	470	435	443	445	441	450	448	450	447	449	452	461	463	463	463	472	477	479	460.7		11057.2
9/13/2015	Delta T.	F°	19.4	19.4	19.4	19.4	19.3	18.9	18.9	18.8	18.8	13.2	13.3	15.0	16.4	16.1	15.7	15.7	16.0	16.2	15.9	16.1	16.8	16.8	16.5	16.5	17	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7		
	Heat Rate	mmBTU	476	476	476	475	473	465	464	462	462	323	327	359	332	326	319	318	324	328	323	326	340	340	335	335	382.7		9184.1
9/14/2015	Delta T.	F°	16.3	16.4	16.3	16.2	16.3	15.4	15.9	15.3	15.1	14.9	15.0	14.9	15.1	15.1	15.0	15.1	15.2	15.4	15.8	15.6	15.6	16.1	16.1	16.2	16	16	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4		
	Heat Rate	mmBTU	330	332	331	330	330	312	323	310	307	303	304	301	307	306	304	306	307	313	321	316	317	326	327	329	316.4		7593.1
9/15/2015	Delta T.	F°	16.3	16.4	16.7	16.7	16.7	16.3	15.7	16.3	16.1	15.5	15.5	15.2	14.6	14.3	14.5	14.8	15.0	15.0	15.0	15.3	15.4	15.5	15.9	15.9	16	17	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4		
	Heat Rate	mmBTU	330	332	339	339	338	331	319	332	326	314	315	307	296	290	294	301	304	303	305	309	313	315	323	323	316.7		7600.2
9/16/2015	Delta T.	F°	16.0	16.0	15.9	15.9	16.0	15.8	15.1	14.6	14.6	14.6	14.6	14.4	13.8	13.2	13.1	13.5	13.8	13.9	14.6	14.6	14.8	15.1	15.3	15.4	15	16	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4		
	Heat Rate	mmBTU	325	326	323	323	324	320	307	295	297	297	295	292	280	267	266	274	280	281	295	297	301	307	311	312	299.8		7196.2
9/17/2015	Delta T.	F°	15.4	15.5	15.5	15.5	15.5	15.1	14.5	14.4	14.7	14.4	14.1	13.8	12.8	12.7	9.6	12.4	12.3	12.4	13.2	15.2	15.5	15.7	16.7	16.8	14	17	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.433	2.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4	2.4	2.4	2.4	2.4	2.6		
	Heat Rate	mmBTU	313	314	314	314	314	306	295	293	298	293	285	280	315	311	236	303	302	304	322	306	311	316	337	337	305.0		7320.1
9/18/2015	Delta T.	F°	16.9	16.9	16.2	16.1	16.3	16.7	16.3	16.2	15.7	15.6	15.6	15.6	15.3	15.4	14.4	14.1	14.0	14.3	14.6	14.8	15.0	15.1	15.0	16.1	16	17	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.4	2.6		
	Heat Rate	mmBTU	340	340	326	324	328	336	329	327	317	315	314	313	308	310	337	345	344	351	359	364	368	370	353	325	335.1		8042.3
9/19/2015	Delta T.	F°	16.1	15.9	16.1	15.9	15.9	15.9	16.3	16.6	16.8	15.7	15.3	14.9	15.9	15.7	15.9	16.1	16.1	16.3	16.5	16.6	16.7	16.7	16.8	13.3	16	17	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.9	2.4		
	Heat Rate	mmBTU	324	321	324	321	321	320	329	333	338	315	308	300	320	316	319	325	324	328	332	333	337	336	338	326	324.5		7788.4
9/20/2015	Delta T.	F°	11.7	13.6	14.2	14.4	14.4	14.1	14.0	14.0	13.8	13.8	13.6	13.4	13.6	13.7	13.6	13.6	14.0	15.8	17.4	17.4	17.5	17.7	17.6	17.7	15	18	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.8		
	Heat Rate	mmBTU	288	333	347	353	353	345	343	343	340	338	333	328	334	337	333	334	343	341	345	344	347	350	348	351	339.6		8151.0
9/21/2015	Delta T.	F°	17.6	17.6	17.6	17.5	17.1	16.9	16.6	16.0	16.4	16.8	16.0	15.8	15.6	15.5	14.1	16.2	17.4	17.0	17.5	17.7	18.0	17.5	17.6	17.6	17	18	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6		
	Heat Rate	mmBTU	348	348	349	347	339	334	329	317	324	332	316	312	310	307	327	398	426	417	429	435	441	428	431	431	365.7		8776.3
9/22/2015	Delta T.	F°	18.9	18.9	18.7	18.6	17.2	17.6	17.3	17.4	17.0	17.5	18.1	17.8	17.4	17.0	17.2	17.4	18.0	18.1	18.1	18.8	18.8	18.4	18.4	18.3	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	463	465	458	456	423	433	424	427	416	430	444	437	428	416	421	428	442	444	445	462	461	451	452	450	440.6		10574.7
9/23/2015	Delta T.	F°	18.3	18.2	18.1	17.9	17.7	16.8	16.4	15.8	16.3	16.6	16.7	16.6	16.5	16.3	16.9	17.3	17.3	16.5	17.5	18.7	18.8	18.2	18.6	17.8	17	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	448	447	444	438	434	413	401	388	399	408	411	406	405	399	415	424	425	405	430	458	461	446	456	436	424.9		10197.3
9/24/2015	Delta T.	F°	17.9	16.8	16.4	16.6	17.8	17.9	17.6	17.0	16.9	16.9	16.9	16.8	16.9	16.7	16.9	17.4	17.4	17.2	17.9	18.5	18.6	18.7	18.1	18.1	17	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	438	413	403	407	437	439	432	418	415	415	414	413	414	411	414	427	426	423	439	453	456	460	444	443	427.3		10254.3
9/25/2015	Delta T.	F°	18.1	18.2	18.0	18.0	17.9	17.8	17.5	17.0	17.0	17.3	16.5	15.9	15.7	15.3	15.4	15.5	15.2	15.1	15.3	16.1	16.2	16.4	16.8	16.6	17	18	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	444	446	441	441	440	436	429	416	417	424	404	391	386	375	379	381	373	371	376	396	398	402	412	407	407.7		9785.5
9/26/2015	Delta T.	F°	16.7	16.5	16.4	16.3	16.3	16.2	16.4	15.7	15.7	16.0	16.1	16.0	16.2	16.3	16.4	16.5	16.6	16.6	16.1	16.1	16.3	16.4	15.9	15.9	16	17	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	410	405	402	401	399	396	401	386	384	393	395	392	397	401	402	405	407	407	396	396	401	402	391	389	398.2		9557.2
9/27/2015	Delta T.	F°	16.0	15.8	15.6	15.5	15.3	15.2	15.7	15.2	15.8	15.8	14.6	16.6	16.9	16.6	16.8	16.3	16.9	17.0	17.1	17.0	17.0	16.9	16.9	16.8	16	17	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	392	388	383	380	375	373	386	373	387	389	358	406	414	408	411	400	414	418	418	418	417	414	415	412	397.8		9547.6
9/28/2015	Delta T.	F°	16.0	16.0	16.0	15.9	15.7	15.0	15.7	16.5	15.9	16.4	16.7	16.5	16.4	16.3	16.2	16.6	16.9	16.9	17.7	18.1	18.6	18.2	18.1	18.2	17	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	392	392	393	390	386	367	384	404	390	402	410	406	403	399	398	409	415	414	435	444	456	446	443	447	409.4		9824.4
9/29/2015	Delta T.	F°	18.1	17.8	17.8	17.8	17.8	17.7	17.2	16.1	15.8	15.8	15.6	15.5	15.4	15.4	15.6	15.9	16.0	16.1	17.1	17.5	17.5	17.4	17.3	17.6	17	18	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	443	438	437	438	438	434	422	395	388	388	384	380	378	377	383	390	392	396	421	430	430	428	424	433	411.1		9866.9
9/30/2015	Delta T.	F°	18.0	17.8	17.8	18.0	17.0	16.8	15.8	15.4	15.9	16.1	16.6	16.3	16.6	18.7	19.1	18.3	16.2	16.2	16.6	17.0	18.0	18.3	18.2	18.1	17	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	441	438	437	441	417	412	389	377	391	395	406	401	408	458	468	448	397	398	407	417	442	450	446	443	422.0		10127.1

9704.4

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 Greese and TRC Sampling Outfall 009

TSS Sample Results		Oil and Greese Sample Results		Total Residual Chlorine Sample Results*	
Sample Date	TSS mg/l	Sample Date	Oil and Greese mg/l	Sample Date	TRC mg/l*
9/1/2015	ND	9/2/2015	ND	NA	
9/10/2015	7	9/10/2015	ND	NA	
9/15/2015	ND	9/15/2015	ND	NA	
9/23/2015	ND	9/24/2015	ND	NA	
9/30/2015	6	9/30/2015	ND	NA	
Montly Avg	2.6	Monthly Avg	ND	Monthly Avg	

* Sampled durring chlorination events only.
NA - Not Applicable, No chlorination performed
ND = Non Detect

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)
9/1/2015	0.160
9/2/2015	0.165
9/3/2015	0.167
9/4/2015	0.161
9/5/2015	0.151
9/6/2015	0.155
9/7/2015	0.159
9/8/2015	0.142
9/9/2015	0.169
9/10/2015	0.155
9/11/2015	0.136
9/12/2015	0.051
9/13/2015	0.164
9/14/2015	0.167
9/15/2015	0.179
9/16/2015	0.213
9/17/2015	0.214
9/18/2015	0.213
9/19/2015	0.219
9/20/2015	0.155
9/21/2015	0.172
9/22/2015	0.134
9/23/2015	0.164
9/24/2015	0.180
9/25/2015	0.213
9/26/2015	0.228
9/27/2015	0.174
9/28/2015	0.209
9/29/2015	0.179
9/30/2015	0.040
Monthly Total	4.986
Monly Avg MGD	0.166
Max Flow MGD	0.228
Min Flow MGD	0.040