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

September 20, 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: August 1 to 31, 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 Aug 1 to 31, 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 -- August 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
8/1/2015	Off	Off	Off	0700	0705	81	0.05	-	-	7.81	7.78	7.75	SH	SH
8/2/2015	Off	Off	Off	0700	0720	81	0.07	-	-	7.86	7.79	7.78	MP	MP
8/3/2015	Off	Off	Off	0720	0730	81	0.07	-	-	7.72	7.76	7.73	FP	FP
8/4/2015	Off	Off	Off	0655	0700	81	0.06	-	-	7.78	7.79	7.77	RA	RA
8/5/2015	Off	Off	Off	0700	0710	81	0.07	-	-	7.72	7.75	7.69	RA	RA
8/6/2015	Off	Off	Off	0925	0930	80	0.05	-	-	7.66	7.71	7.68	JR	JR
8/7/2015	Off	Off	Off	0815	0825	81	0.05	-	-	7.81	7.85	7.83	JR	JR
8/8/2015	Off	Off	Off	0910	0915	80	0.05	-	-	7.88	7.85	7.83	JR	JR
8/9/2015	Off	Off	Off	0815	0820	80	0.06	-	-	7.92	7.91	7.95	JR	JR
8/10/2015	Off	Off	Off	0735	0740	78	0.04	-	-	7.90	7.86	7.84	SH	SH
8/11/2015	Off	Off	Off	0710	0720	77	0.05	-	-	8.10	8.09	8.11	MP	MP
8/12/2015	Off	Off	Off	0720	0725	78	0.04	-	-	8.11	8.13	8.07	SH	SH
8/13/2015	Off	Off	Off	0630	0700	78	0.06	-	-	7.92	7.95	7.89	RA	RA
8/14/2015	Off	Off	Off	0630	0700	78	0.08	-	-	7.86	7.91	7.83	RA	RA
8/15/2015	Off	Off	Off	0710	0720	79	0.06	-	-	7.90	7.88	7.92	RA	RA
8/16/2015	Off	Off	Off	0705	0715	78	0.08	-	-	7.84	7.82	7.86	RA	RA
8/17/2015	Off	Off	Off	0620	0630	78	0.06	-	-	7.79	7.84	7.76	RA	RA
8/18/2015	Off	Off	Off	0705	0710	83	0.04	-	-	7.90	7.80	7.82	SH	SH
8/19/2015	Off	Off	Off	0710	0715	81	0.04	-	-	7.74	7.71	7.70	SH	SH
8/20/2015	Off	Off	Off	0810	0815	81	0.05	-	-	7.80	7.80	7.80	TD	TD
8/21/2015	Off	Off	Off	0700	0715	81	0.07	-	-	7.75	7.71	7.72	MP	MP
8/22/2015	Off	Off	Off	0700	0715	82	0.09	-	-	7.64	7.64	7.66	MP	MP
8/23/2015	Off	Off	Off	0650	0700	81	0.07	-	-	7.58	7.62	7.64	FP	FP
8/24/2015	Off	Off	Off	0800	0810	81	0.05	-	-	7.62	7.59	7.62	FP	FP
8/25/2015	Off	Off	Off	0730	0740	80	0.04	-	-	7.73	7.62	7.69	GF	GF
8/26/2015	Off	Off	Off	0740	0745	80	0.05	-	-	7.46	7.51	7.51	GF	GF
8/27/2015	Off	Off	Off	0720	0725	80	0.04	-	-	7.80	7.75	7.71	SH	SH
8/28/2015	Off	Off	Off	0730	0735	80	0.03	-	-	8.04	7.89	7.93	SH	SH
8/29/2015	Off	Off	Off	0725	0730	79	0.05	-	-	8.15	8.05	8.16	SH	SH
8/30/2015	Off	Off	Off	0730	0735	80	0.06	-	-	8.22	8.10	8.14	SH	SH
8/31/2015	Off	Off	Off	0720	0730	80	0.04			8.35	8.30	8.25	SH	SH
						Mo Avg	0.06	NA	NA	7.8	7.8	7.8		
						MAX	0.09	NA	NA	8.4	8.3	8.3		
						MIN	0.03	NA	NA	7.5	7.5	7.5		

DMR Data for Outfall SUM-T	Actual	Limit
Min pH	7.5	6.5
Max pH	8.3	9.0
Daily Avg. Temp.	80.0	NA
Daily Max Temp.	83.0	105
Inst. Max Delta T	19	20
Flow, Mo Avg	68	70
Flow, Daily Max	71	80
Chlorine, Mo Avg	0.06	0.1
Chlorine, Daily Max	0.09	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)
8/1/2015	71	71	71	17	15	99	97
8/2/2015	71	71	71	17	16	98	97
8/3/2015	71	71	71	18	17	101	98
8/4/2015	71	71	71	19	17	101	98
8/5/2015	71	71	71	18	16	100	97
8/6/2015	71	71	71	17	16	99	96
8/7/2015	71	71	71	17	15	98	95
8/8/2015	71	71	71	17	16	97	95
8/9/2015	71	71	71	17	16	96	95
8/10/2015	71	71	71	17	15	95	93
8/11/2015	71	71	71	17	15	95	93
8/12/2015	71	71	71	20	16	99	94
8/13/2015	71	71	71	17	15	97	94
8/14/2015	71	71	71	17	15	98	94
8/15/2015	71	71	71	18	16	100	96
8/16/2015	71	71	71	16	15	100	97
8/17/2015	71	71	71	17	14	100	96
8/18/2015	71	71	71	17	15	100	98
8/19/2015	71	71	71	17	16	100	97
8/20/2015	71	58	70	19	17	103	99
8/21/2015	71	71	71	18	16	100	98
8/22/2015	71	61	67	18	17	101	99
8/23/2015	71	61	64	19	18	100	99
8/24/2015	71	61	64	19	17	100	98
8/25/2015	71	71	71	19	16	101	96
8/26/2015	71	71	71	20	18	101	98
8/27/2015	71	61	69	19	18	101	99
8/28/2015	71	71	71	19	18	100	99
8/29/2015	71	61	64	19	17	98	95
8/30/2015	71	61	62	16	15	97	95
8/31/2015	71	71	71	19	17	101	98
Monthly	71	58	70	20	16	103	97

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NPDES Permit No. MA0004898
Kendall Green Energy LLC
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
8/1/2015	0.001	0.002	0.002
8/2/2015	0.001	0.001	0.002
8/3/2015	0.001	0.001	0.001
8/4/2015	0.001	0.001	0.001
8/5/2015	0.001	0.001	0.001
8/6/2015	0.001	0.001	0.001
8/7/2015	0.001	0.001	0.001
8/8/2015	0.001	0.001	0.001
8/9/2015	0.002	0.002	0.001
8/10/2015	0.002	0.002	0.001
8/11/2015	0.002	0.002	0.002
8/12/2015	0.002	0.002	0.002
8/13/2015	0.002	0.002	0.002
8/14/2015	0.001	0.002	0.002
8/15/2015	0.002	0.001	0.001
8/16/2015	0.002	0.002	0.001
8/17/2015	0.001	0.002	0.001
8/18/2015	0.001	0.002	0.001
8/19/2015	0.001	0.001	0.002
8/20/2015	0.001	0.001	0.002
8/21/2015	0.002	0.001	0.001
8/22/2015	0.002	0.001	0.001
8/23/2015	0.001	0.001	0.001
8/24/2015	0.002	0.001	0.001
8/25/2015	0.003	0.003	0.001
8/26/2015	0.003	0.003	0.001
8/27/2015	0.001	0.001	0.001
8/28/2015	0.001	0.001	0.002
8/29/2015	0.001	0.001	0.002
8/30/2015	0.001	0.002	0.001
8/31/2015	0.001	0.002	0.001
Monthly	0.003	0.003	0.002

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

	Monthly Average (mBTU/d)	Daily Max (mBTU/d)
September 2014	8,668	9,448
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
12 Month Avg.	6,773	8,659

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

Kendall Greene Energy, LLC
265 First Street
Cambridge, MA 02142

August 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
8/1/2015	Delta T.	F°	16.2	16.2	16.2	16.1	16.1	16.2	15.7	14.8	14.3	14.1	16.1	16.4	16.1	14.3	14.6	14.6	14.4	14.6	14.5	14.6	15.6	15.9	16.3	16.4	15	16	
	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	398	397	396	395	395	397	385	364	351	346	395	404	395	351	358	357	353	359	356	359	383	390	400	403	378.6		9087.1
8/2/2015	Delta T.	F°	16.3	16.3	16.2	16.4	16.4	16.6	16.4	16.5	16.2	15.7	15.3	15.7	15.6	15.6	15.4	15.5	15.3	15.4	15.6	15.7	16.0	16.1	16.1	16.0	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	400	399	399	402	403	407	402	404	397	386	377	386	385	384	377	381	376	378	382	386	393	396	394	392	391.0		9389.5
8/3/2015	Delta T.	F°	16.1	16.2	16.2	15.8	15.9	14.7	14.6	14.9	15.8	17.0	17.2	17.1	17.2	17.2	17.0	17.2	17.0	17.2	17.7	17.7	17.7	17.9	17.3	17.2	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	396	397	396	388	375	362	359	367	375	417	421	421	429	421	417	421	417	422	495	434	434	439	425	421	407.7		9789.9
8/4/2015	Delta T.	F°	17.3	17.2	17.2	16.8	16.5	15.8	14.6	14.7	16.0	16.5	17.5	18.9	18.9	17.1	15.4	16.5	16.1	15.3	15.4	15.8	16.3	17.4	17.5	17.5	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	2.9	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	426	423	422	413	404	388	359	362	393	404	429	463	464	420	378	404	396	374	378	388	399	427	430	429	407.3		9775.1
8/5/2015	Delta T.	F°	17.5	17.6	17.8	17.7	17.3	17.0	15.4	15.1	15.9	16.6	16.8	16.8	15.4	14.3	14.4	14.6	14.8	15.0	15.0	15.2	15.5	16.4	16.6	16.7	16	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	431	432	436	435	424	418	378	370	391	406	411	412	377	350	358	359	363	368	369	372	381	403	407	411	394.0		9455.3
8/6/2015	Delta T.	F°	16.8	16.8	16.9	16.8	16.7	16.1	14.9	14.9	14.7	14.8	14.8	14.8	14.9	14.8	14.8	15.2	15.3	15.5	15.6	15.7	16.0	16.6	16.5	16.7	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	411	413	415	413	409	395	365	367	361	363	364	364	366	363	363	373	375	380	382	385	392	406	406	409	385.0		9241.0
8/7/2015	Delta T.	F°	16.9	16.9	17.0	16.9	16.5	16.2	15.0	14.8	14.7	12.2	11.6	13.0	14.3	14.3	12.8	14.8	15.5	15.6	15.6	15.4	15.6	16.4	16.5	16.5	15	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	416	416	417	415	404	398	369	363	361	299	286	318	351	350	314	363	379	383	383	379	383	403	404	405	373.3		8958.8
8/8/2015	Delta T.	F°	16.6	16.6	16.4	16.5	16.5	16.9	16.6	16.3	16.0	15.8	15.5	15.3	15.2	15.4	15.9	16.0	16.0	16.3	16.6	16.4	16.5	16.6	16.7	16.7	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	406	407	403	406	406	414	406	400	392	387	381	376	372	378	390	393	393	400	408	402	406	408	409	410	398.1		9553.5
8/9/2015	Delta T.	F°	16.8	16.8	16.9	16.9	16.8	16.6	16.5	16.5	16.3	16.2	16.0	16.1	16.2	16.1	16.4	16.4	16.4	16.4	16.4	16.5	16.6	16.7	16.8	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	2.5	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	411	411	415	414	413	407	405	404	400	398	393	394	396	396	402	403	401	402	403	405	408	411	412	412	404.8		9714.9
8/10/2015	Delta T.	F°	16.9	16.6	16.7	16.5	15.9	15.5	14.8	14.6	14.5	15.1	14.0	13.8	13.8	13.8	14.3	14.6	14.7	14.9	15.8	15.6	15.9	16.5	16.4	16.6	15	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	414	407	409	405	390	380	363	358	355	371	344	339	338	339	351	357	361	366	387	384	391	406	403	405	376.0		9024.0
8/11/2015	Delta T.	F°	16.7	16.7	16.8	16.7	16.6	15.2	14.8	14.2	14.2	14.1	14.1	14.1	14.2	14.2	14.5	14.5	14.7	14.8	15.0	15.4	15.3	15.3	16.1	16.2	15	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	409	411	412	410	408	374	364	349	348	347	345	346	350	348	355	356	360	362	369	377	376	388	395	397	373.2		8957.0
8/12/2015	Delta T.	F°	16.2	16.5	16.6	16.1	15.5	15.2	14.5	14.0	13.9	14.2	16.0	15.7	15.7	14.7	17.9	19.6	19.6	15.8	16.6	15.5	15.0	16.0	16.4	16.5	16	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	397	405	406	395	380	372	356	343	342	349	392	386	386	362	440	481	482	387	407	380	367	393	403	405	392.3		9415.0
8/13/2015	Delta T.	F°	16.5	16.8	17.1	17.0	16.7	15.8	14.7	14.6	14.7	14.5	14.4	14.2	14.1	13.6	13.9	14.2	14.4	14.7	15.3	15.3	15.6	16.6	16.6	16.7	15	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	405	412	420	418	409	382	362	359	361	355	354	347	346	335	342	349	354	360	375	376	383	406	408	409	376.0		9025.2
8/14/2015	Delta T.	F°	16.7	16.7	16.9	16.8	16.5	15.3	14.6	14.6	14.6	14.6	14.3	14.1	14.2	14.2	14.4	14.8	14.9	15.0	15.5	15.8	15.9	16.5	17.1	17.0	15	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	411	410	414	412	406	375	357	357	359	358	350	347	349	349	354	363	366	369	380	388	391	405	419	418	379.4		9105.7
8/15/2015	Delta T.	F°	16.1	16.2	16.3	16.2	16.4	16.4	16.0	15.7	15.2	14.8	14.5	14.3	14.0	14.6	14.8	14.9	15.0	16.1	18.0	17.9	18.1	17.5	16.1	16.1	16	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	395	397	399	397	403	403	393	386	372	363	357	350	344	357	363	367	369	394	441	440	444	430	395	394	389.8		9354.6
8/16/2015	Delta T.	F°	15.4	16.0	16.0	15.9	15.8	15.5	15.4	14.8	15.0	15.1	15.2	15.0	14.8	14.6	14.5	14.9	15.7	16.2	15.9	15.8	15.7	15.5	15.4	15.3	15	16	
	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	378	394	393	389	387	381	377	363	367	370	372	368	363	357	357	364	386	397	390	387	386	380	379	375	377.5		9060.0
8/17/2015	Delta T.	F°	14.7	14.8	14.8	14.6	14.3	13.6	13.4	13.4	13.2	13.0	12.9	13.1	12.9	12.7	12.7	13.1	13.4	14.1	15.7	15.7	15.8	16.4	16.8	16.9	14	17	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.942	2.9	2.9	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	360	363	364	357	351	335	328	328	324	318	316	321	315	311	312	321	329	346	385	386	389	401	412	414	349.4		8384.6
8/18/2015	Delta T.	F°	16.7	16.6	16.5	15.8	15.7	15.3	15.3	14.8	14.7	13.9	13.6	13.2	13.1	12.8	13.0	13.2	13.4	14.2	15.4	15.5	15.8	16.7	17.1	17.2	15	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	409	407	404	388	385	375	375	363	360	341	333	325	323	314	319	325	328	349	379	380	389	410	419	422	367.5		8821.1
8/19/2015	Delta T.	F°	16.7	17.1	17.1	17.0	17.1	16.5	15.2	14.9	14.9	14.5	14.6	14.2	14.3	14.3	14.6	14.4	15.2	16.6	16.7	16.8	17.0	17.0	17.4	17.6	16	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	410	419	420	417	420	405	372	365	366	356	358	349	351	351	359	353	374	408	411	411	416	417	426	431	390.3		9367.3
8/20/2015	Delta T.	F°	17.7	17.6	17.9	17.5	16.8	15.8	15.1	14.9	14.6	15.1	16.7	17.0	16.3	14.7	14.9	15.5	16.8	17.2	18.8	19.2	17.0	17.4	17.8	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	2.5	2.4	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	433	432	438	430	411	387	371	366	358	370	409	418	400	361	366	380	412	422	390	389	417	426	438	437	402.6		9662.1
8/21/2015	Delta T.	F°	18.0	18.1	18.5	18.4	17.5	15.8	15.2	14.7	14.5	14.6	14.5	14.6	14.8	14.6	14.6	14.3	14.6	15.0	15.5	15.6	16.1	16.6	16.9	17.0	16	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	442	445	453	451	428	387	372	361	357	359	355	358	363	358	357	351	358	367	380	384	394	407	416	418	388.4		9321.0
8/22/2015	Delta T.	F°	17.1	17.0	17.1	17.2	17.2	16.6	15.9	16.8	16.9	17.1	17.3	17.2	17.2	17.2	17.7	18.0	18.0	17.6	16.5	16.5	16.5	16.7	16.8	16.9	17	18	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.8		
	Heat Rate	mmBTU	420	418	419	421	422	407	390	375	360	365	370	367	367	367	377	383	383	399	406	404	405	409	413	416	394.3		9462.3
8/23/2015	Delta T.	F°	16.9	17.0	16.9	17.0	17.0	16.9	16.7	16.5	16.3	17.7	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.4	18.3	18.4	18.4	18.5	18.7	18.8	18	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7		
	Heat Rate	mmBTU	415	417	415	417	417	414	409	404	399	386	382	384	384	386	386	386	385	392	391	391	393	395	398	401	397.8		9546.5
8/24/2015	Delta T.	F°	19.0	18.9	18.9	18.4	17.4	16.2	16.1	16.5	16.4	16.4	16.3	16.5	16.5	16.3	16.5	16.6	16.5	16.7	17.8	17.5	16.0	16.6	16.5	16.7	17	19	
	Total flow	MGH	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.7		
	Heat Rate	mmBTU	404	403	404	392	371	344	343	351	350	349	348	351	351	348	351	354	351	377	437	429	393	407	405	409	376.0		9022.9
8/25/2015	Delta T.	F°	16.8	17.0	17.2	17.3	16.2	15.3	14.8	14.7	14.5	14.5	14.4	14.3	14.6	14.3	15.2	15.6	14.7	15.6	15.6	16.2	16.2	18.6	18.5	19.1	16	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	411	417	423	424	398	375	364	360	357	355	353	350	359	352	373	384	360	383	383	397	397	457	455	469	389.8		9356.2
8/26/2015	Delta T.	F°	19.5	19.6	19.6	17.8	17.5	17.1	16.8	17.2	16.8	16.9	17.0	16.9	16.9	16.6	16.3	16.4	16.8	17.5	18.7	18.8	19.0	18.7	18.8	18.9	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	479	480	482	436	429	420	413	422	413	415	417	415	415	407	399	403	413	428	459	462	465	459	450	463	435.3		10446.4
8/27/2015	Delta T.	F°	18.9	19.0	18.8	18.8	18.6	18.1	17.6	17.2	17.2	17.3	17.5	16.8	16.7	16.4	17.9	19.1	18.9	18.9	18.8	18.4	18.5	18.5	18.6	18.5	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	2.7	2.6	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9		
	Heat Rate	mmBTU	464	465	462	461	456	444	431	423	421	425	424	413	410	401	406	407	402	403	427	452	455	453	457	455	434.1		10419.2
8/28/2015	Delta T.	F°	18.7	18.7	18.8	18.7	18.7	18.5	18.1	18.3	18.3	18.1	18.2	18.2	17.7	17.7	17.9	18.2	18.1	18.5	18.5	18.2	17.9	18.1	18.5	18.5	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	459	459	460	460	459	455	443	448	449	443	445	447	435	434	440	446	445	453	455	446	440	445	455	455	449.0		10776.4
8/29/2015	Delta T.	F°	18.5	18.7	18.8	18.8	18.8	18.4	17.5	18.3	18.1	15.1	15.2	15.5	15.5	15.3	15.4	15.4	15.3	15.2	14.7	14.8	14.8	15.0	15.1	15.3	16	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7		
	Heat Rate	mmBTU	455	458	460	462	461	450	430	450	445	338	323	329	329	324	327	327	325	322	313	313	313	319	320	325	371.5		8915.7
8/30/2015	Delta T.	F°	15.2	15.3	15.4	15.3	15.3	15.5	15.6	15.2	15.5	15.4	15.1	15.0	14.9	14.5	14.5	14.4	14.6	14.5	14.6	14.9	15.1	15.1	13.9	14.3	15	16	
	Total flow	MGH	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.9	2.9	2.6		
	Heat Rate	mmBTU	323	324	325	325	325	328	330	323	329	326	321	319	315	307	307	304	309	308	309	316	321	320	340	350	321.0		7705.1
8/31/2015	Delta T.	F°	17.8	18.6	18.5	18.0	18.5	18.3	17.7	17.2	16.8	16.6	16.7	16.7	16.6	16.3	16.4	16.6	16.7	16.6	18.1	18.1	18.1	18.7	18.7	18.6	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	436	455	454	442	453	450	435	421	413	406	409	409	407	400	401	407	408	407	443	444	445	458	460	456	430.0		10319.0

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)
8/1/2015	0.229
8/2/2015	0.209
8/3/2015	0.227
8/4/2015	0.236
8/5/2015	0.224
8/6/2015	0.212
8/7/2015	0.258
8/8/2015	0.238
8/9/2015	0.225
8/10/2015	0.224
8/11/2015	0.261
8/12/2015	0.221
8/13/2015	0.268
8/14/2015	0.259
8/15/2015	0.274
8/16/2015	0.271
8/17/2015	0.297
8/18/2015	0.273
8/19/2015	0.269
8/20/2015	0.245
8/21/2015	0.223
8/22/2015	0.218
8/23/2015	0.200
8/24/2015	0.230
8/25/2015	0.230
8/26/2015	0.185
8/27/2015	0.147
8/28/2015	0.182
8/29/2015	0.182
8/30/2015	0.160
8/31/2015	0.171
Monthly Total	7.044
Monly Avg MGD	0.227
Max Flow MGD	0.297
Min Flow MGD	0.147

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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*
8/4/2015	<2.0	8/4/2015	1.2	NA	
8/12/2015	ND	8/12/2015	ND	NA	
8/19/2015	7	8/19/2015	ND		
8/25/2015	ND	8/25/2015	ND		
Montly Avg	2.25	Monthly Avg	0.3	Monthly Avg	

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