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

November 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: Oct 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 Oct. 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 -- October 2015

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
10/1/2015	Off	Off	Off	0700	0715	68	0.05	-	-	7.57	7.57	7.57	SH	SH
10/2/2015	Off	Off	Off	0700	0715	68	0.04	-	-	7.51	7.50	7.51	SH	SH
10/3/2015	Off	Off	Off	0630	0640	66	0.06	-	-	7.41	7.38	7.39	TR	TR
10/4/2015	Off	Off	Off	0700	0705	66	0.04	-	-	7.44	7.34	7.35	SH	SH
10/5/2015	Off	Off	Off	0640	0650	62	0.06	-	-	7.39	7.36	7.37	TR	TR
10/6/2015	Off	Off	Off	0630	0640	62	0.03	-	-	7.50	7.48	7.46	TR	TR
10/7/2015	Off	Off	Off	0645	0655	62	0.04	-	-	7.34	7.31	7.31	TR	TR
10/8/2015	Off	Off	Off	0620	0630	63	0.06	-	-	7.48	7.46	7.45	TR	TR
10/9/2015	Off	Off	Off	0615	0625	62	0.05	-	-	7.37	7.35	7.36	TR	TR
10/10/2015	Off	Off	Off	0550	0600	62	0.06	-	-	7.49	7.44	7.54	RA	RA
10/11/2015	Off	Off	Off	0600	0610	62	0.03	-	-	7.41	7.40	7.38	TR	TR
10/12/2015	Off	Off	Off	0620	0630	62	0.05	-	-	7.45	7.36	7.41	FP	FP
10/13/2015	Off	Off	Off	0700	0710	62	0.06	-	-	7.41	7.39	7.42	RA	RA
10/14/2015	Off	Off	Off	0600	0610	63	0.04	-	-	7.44	7.41	7.43	FP	FP
10/15/2015	Off	Off	Off	0620	0630	62	0.06	-	-	7.41	7.44	7.38	RA	RA
10/16/2015	Off	Off	Off	0750	0800	62	0.05	-	-	7.37	7.38	7.42	FP	FP
10/17/2015	Off	Off	Off	0810	0820	60	0.05	-	-	7.30	7.30	7.30	GF	GF
10/18/2015	Off	Off	Off	0935	0945	57	0.05	-	-	7.30	7.30	7.30	GF	GF
10/19/2015	Off	Off	Off	0800	0810	55	0.05	-	-	7.30	7.30	7.30	GF	GF
10/20/2015	Off	Off	Off	0910	0925	53	0.04	-	-	7.30	7.30	7.30	GF	GF
10/21/2015	Off	Off	Off	0845	0900	57	0.04	-	-	7.31	7.30	7.30	GF	GF
10/22/2015	Off	Off	Off	0910	0920	56	0.04	-	-	7.32	7.30	7.30	GF	GF
10/23/2015	Off	Off	Off	0830	0840	57	0.05	-	-	7.30	7.30	7.30	GF	GF
10/24/2015	Off	Off	Off	0900	0920	57	0.04	-	-	7.23	7.20	7.20	SH	SH
10/25/2015	Off	Off	Off	0730	0735	57	0.04	-	-	7.45	7.30	7.30	SH	SH
10/26/2015	Off	Off	Off	0800	0810	57	0.04	-	-	7.71	7.68	7.71	JR	JR
10/27/2015	Off	Off	Off	0910	0920	56	0.04	-	-	7.72	7.70	7.70	JR	JR
10/28/2015	Off	Off	Off	0850	0915	56	0.04	-	-	7.89	7.85	7.81	JR	JR
10/29/2015	Off	Off	Off	0700	0710	56	0.04	-	-	7.72	7.75	7.71	JR	JR
10/30/2015	Off	Off	Off	0630	0640	57	0.04	-	-	7.90	7.90	7.88	JR	JR
10/31/2015	Off	Off	Off	0645	0655	56	0.05			7.38	7.37	7.36	TR	TR
						Mo Avg	0.05	NA	NA	7.5	7.4	7.4		
						MAX	0.06	NA	NA	7.9	7.9	7.9		
						MIN	0.03	NA	NA	7.2	7.2	7.2		

DMR Data for Outfall SUM-T	Actual	Limit
Min pH	7.2	6.5
Max pH	7.9	9.0
Daily Avg. Temp.	60.0	NA
Daily Max Temp.	68.0	105
Inst. Max Delta T	19	20
Flow, Mo Avg	68	70
Flow, Daily Max	71	80
Chlorine, Mo Avg	0.05	0.1
Chlorine, Daily Max	0.06	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)
10/1/2015	71	71	71	18	17	88	86
10/2/2015	71	71	71	18	16	88	84
10/3/2015	71	71	71	18	17	85	83
10/4/2015	71	71	71	18	18	84	82
10/5/2015	71	71	71	18	17	82	80
10/6/2015	71	71	71	18	16	81	79
10/7/2015	71	71	71	18	16	83	79
10/8/2015	71	71	71	19	17	83	80
10/9/2015	71	71	71	18	17	82	80
10/10/2015	71	71	71	18	17	83	80
10/11/2015	71	71	71	18	18	83	81
10/12/2015	71	47	55	19	7	83	70
10/13/2015	47	35	38	0	0	64	63
10/14/2015	35	35	34	0	0	63	63
10/15/2015	35	0	0	0	0	62	62
10/16/2015	0	0	0	0	0	0	ts are filtered in summary calculation
10/17/2015	0	0	0	0	0	0	ts are filtered in summary calculation
10/18/2015	35	0	22	0	0	61	57
10/19/2015	71	35	45	14	2	75	58
10/20/2015	71	71	71	17	15	74	71
10/21/2015	71	71	71	19	16	77	73
10/22/2015	71	71	71	19	16	76	73
10/23/2015	71	71	71	17	15	76	73
10/24/2015	71	71	71	17	15	74	72
10/25/2015	71	71	71	17	16	75	73
10/26/2015	71	71	71	15	14	73	71
10/27/2015	71	57	62	16	14	73	69
10/28/2015	57	57	57	16	13	73	69
10/29/2015	71	57	60	17	15	74	72
10/30/2015	71	57	57	16	11	74	67
10/31/2015	57	35	44	1	0	57	56
Monthly	71	0	56	19	12	88	73

Note: Outage 10/13-10/18 on Combustion Turbine, HRSG, and Power Boilers

VEOLIA ENERGY

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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
10/1/2015	0.002	0.002	0.002
10/2/2015	0.002	0.002	0.002
10/3/2015	0.002	0.001	0.002
10/4/2015	0.002	0.002	0.002
10/5/2015	0.002	0.002	0.002
10/6/2015	0.003	0.002	0.002
10/7/2015	0.003	0.002	0.002
10/8/2015	0.001	0.001	0.001
10/9/2015	0.002	0.002	0.001
10/10/2015	0.002	0.002	0.001
10/11/2015	0.001	0.002	0.001
10/12/2015	0.001	0.001	0.001
10/13/2015	0.001	0.001	0.002
10/14/2015	0.001	0.001	0.002
10/15/2015	0.001	0.001	0.001
10/16/2015	0.001	0.001	0.001
10/17/2015	0.000	0.000	0.000
10/18/2015	0.001	0.001	0.001
10/19/2015	0.001	0.001	0.002
10/20/2015	0.001	0.002	0.002
10/21/2015	0.001	0.002	0.002
10/22/2015	0.001	0.001	0.002
10/23/2015	0.002	0.001	0.002
10/24/2015	0.002	0.002	0.002
10/25/2015	0.002	0.003	0.001
10/26/2015	0.002	0.003	0.001
10/27/2015	0.001	0.001	0.001
10/28/2015	0.001	0.001	0.001
10/29/2015	0.001	0.002	0.001
10/30/2015	0.002	0.003	0.002
10/31/2015	0.002	0.003	0.002
Monthly	0.003	0.003	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)
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
October 2015	8,083	9,321
12 Month Avg.	6,860	8,745

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

October 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
10/1/2015	Delta T.	F°	17.8	17.7	17.8	17.4	17.5	17.2	16.6	16.3	16.2	16.8	16.7	16.7	16.7	16.3	16.6	16.7	16.7	16.4	16.8	17.4	17.6	18.0	17.9	17.7	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	436	435	437	427	428	423	407	400	396	411	409	410	410	399	408	410	410	404	413	427	433	442	439	434	418.6		10046.5
10/2/2015	Delta T.	F°	17.2	17.4	17.3	17.2	17.0	16.0	16.2	15.9	16.1	15.3	15.4	15.7	16.3	15.7	15.5	15.4	15.3	15.4	16.1	16.8	17.2	17.6	17.7	17.9	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	421	428	425	423	417	394	397	390	396	374	377	386	399	386	380	379	377	379	395	412	422	431	434	440	402.7		9663.7
10/3/2015	Delta T.	F°	18.0	17.9	17.9	17.9	17.8	17.6	16.7	15.5	15.0	15.2	15.3	15.4	15.8	16.6	17.2	17.3	17.2	17.2	17.4	18.0	18.0	18.0	18.1	18.5	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	442	440	439	440	438	431	411	380	369	372	374	378	387	407	422	424	423	423	427	441	443	442	445	453	418.8		10050.1
10/4/2015	Delta T.	F°	18.5	18.4	18.3	18.2	18.2	17.9	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.4	17.3	16.8	16.8	16.9	17.0	17.3	17.2	17.2	17.3	17.3	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	453	451	450	446	447	440	425	428	426	428	426	427	424	426	425	412	413	414	416	423	421	423	425	425	428.9		10292.7
10/5/2015	Delta T.	F°	16.6	15.9	15.8	15.5	15.2	15.2	15.1	15.4	15.1	16.6	18.0	18.2	18.4	18.4	18.0	17.7	17.6	17.7	17.8	17.7	17.6	17.8	17.8	17.7	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	406	391	386	380	372	373	370	378	372	407	442	447	451	450	442	435	432	435	436	435	432	437	436	435	415.9		9981.3
10/6/2015	Delta T.	F°	17.2	16.9	16.8	16.6	16.3	15.0	14.0	14.4	14.5	15.5	15.2	15.1	14.9	14.9	14.8	15.6	15.9	16.2	16.7	16.9	17.0	17.7	17.5	17.3	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	423	416	412	408	400	368	343	352	357	380	373	370	367	365	363	383	390	397	409	414	418	435	430	424	391.5		9396.6
10/7/2015	Delta T.	F°	16.6	16.6	16.5	16.6	16.2	15.5	15.7	15.6	15.9	16.0	15.8	15.8	15.5	15.2	15.5	15.9	15.9	16.2	17.2	17.7	17.7	18.0	18.1	17.8	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	408	408	406	406	397	380	385	382	389	392	389	387	381	372	381	390	391	397	423	434	435	442	445	437	402.4		9657.7
10/8/2015	Delta T.	F°	18.5	18.5	18.6	18.4	17.9	16.5	16.2	15.7	15.9	15.8	15.9	16.0	15.4	14.8	15.2	No Data	No Data	No Data	No Data	O Timeo	O Timeo	O Timeo	O Timeo	O Timeo	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	######	######	######	######	######	######	######	######	######	#VALUE!		
	Heat Rate	mmBTU	453	455	456	453	440	406	397	386	390	389	391	392	377	364	374	######	######	######	######	######	######	######	######	######	#VALUE!		#VALUE!
10/9/2015	Delta T.	F°	/O Timeou	O Timeo	O Timeo	O Timeo	O Timeo	O Timeo	16.3	16.2	16.4	16.5	16.4	16.2	16.4	16.6	16.5	16.6	16.4	16.1	16.5	16.5	16.8	17.3	17.7	18.0	17	18	
	Total flow	MGH	#VALUE!	######	######	######	######	######	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	#VALUE!		
	Heat Rate	mmBTU	#VALUE!	######	######	######	######	######	400	398	402	405	404	398	403	408	406	407	403	395	406	404	411	425	435	443	#VALUE!		#VALUE!
10/10/2015	Delta T.	F°	18.2	17.4	17.3	16.9	17.2	16.7	16.0	15.5	15.5	15.9	16.1	16.6	16.9	17.1	16.9	16.8	17.5	18.5	18.3	17.0	17.2	17.5	17.9	17.0	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	446	428	424	415	423	410	394	380	380	389	396	406	415	419	415	413	430	453	448	418	423	430	438	418	417.1		10009.4
10/11/2015	Delta T.	F°	17.3	17.4	17.4	17.1	16.9	15.5	17.2	18.4	18.2	18.2	18.4	18.4	18.5	18.3	18.1	17.9	17.7	17.9	17.8	18.0	18.2	18.3	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	424	426	427	420	416	380	421	453	447	447	452	452	453	448	443	440	435	438	437	442	445	450	454	454	437.8		10506.3
10/12/2015	Delta T.	F°	19.0	18.8	18.7	18.5	17.6	17.5	16.8	17.1	12.4	2.6	-0.4	-0.7	-1.0	-1.0	-1.4	-1.5	-1.3	-1.1	-1.1	-0.9	-0.7	-0.7	-0.6	-0.5	6	19	
	Total flow	MGH	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3		
	Heat Rate	mmBTU	466	461	458	454	432	430	412	420	284	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160.8		3859.6
10/13/2015	Delta T.	F°	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.6	-0.7	-1.0	-0.9	-1.0	-1.0	-0.8	-0.7	-0.6	-0.5	-0.5	-0.5	-1	0	
	Total flow	MGH	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6		
	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
10/14/2015	Delta T.	F°	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.5	-0.3	-0.4	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	0	0	
	Total flow	MGH	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
	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
10/15/2015	Delta T.	F°	-33.6	-62.4	-62.6	-62.6	-62.6	-62.6	-62.6	-62.4	-62.4	-62.4	-62.3	-62.3	-62.4	-62.4	-62.5	-62.6	-62.6	-62.6	-62.6	-62.5	-62.5	-62.4	-62.5	-62.4	-61	-34	
	Total flow	MGH	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	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
10/16/2015	Delta T.	F°	-62.3	-62.2	-62.1	-62.1	-62.1	-62.0	-62.0	-61.9	-61.9	-61.8	-61.7	-61.6	-61.6	-61.4	-61.4	-61.5	-61.4	-61.4	-61.4	-61.4	-61.3	-61.4	-61.3	-61.2	-62	-61	
	Total flow	MGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	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
10/17/2015	Delta T.	F°	-61.2	-61.1	-61.0	-61.0	-60.9	-60.9	-60.8	-60.8	-60.8	-60.7	-60.7	-60.7	-60.6	-60.5	-60.2	-60.1	-60.1	-60.1	-60.1	-59.9	-59.9	-59.8	-59.7	-59.6	-60	-60	
	Total flow	MGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	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
10/18/2015	Delta T.	F°	-59.4	-59.4	-59.3	-59.2	-59.1	-59.0	-58.9	-58.7	-58.7	-14.8	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	0.0	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-23	0	
	Total flow	MGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	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
10/19/2015	Delta T.	F°	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	0.4	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.5	4.4	9.2	14.3	9.5	4.7	12.1	12.8	3	14	
	Total flow	MGH	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8	2.0	2.0	2.0	2.0	2.4	2.6	2.7	2.9	2.9	1.8		
	Heat Rate	mmBTU	0	0	0	0	0	0	0	5	9	5	3	1	1	1	1	1	8	72	152	281	207	105	297	315	61.0		1464.9
10/20/2015	Delta T.	F°	13.6	13.8	13.8	15.9	17.1	14.3	14.8	15.7	14.3	13.4	13.6	13.8	14.5	13.7	13.9	14.4	14.5	14.5	15.1	15.5	15.9	16.2	16.4	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	333	338	338	390	419	350	363	385	352	328	333	339	355	337	342	354	355	356	370	380	390	398	403	404	362.9		8710.1
10/21/2015	Delta T.	F°	16.4	16.5	16.7	17.4	16.5	15.9	13.9	13.4	13.5	13.5	13.5	13.9	14.5	14.5	14.6	14.7	14.5	15.0	17.5	18.0	18.1	18.4	19.1	19.0	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	403	405	410	426	404	390	342	330	331	331	331	342	355	357	359	361	355	369	429	441	444	452	468	466	387.5		9300.1
10/22/2015	Delta T.	F°	19.3	19.1	18.9	16.6	17.9	17.7	16.9	14.2	14.3	14.4	14.6	14.7	14.7	14.6	14.7	15.1	15.1	15.2	15.1	15.3	15.5	15.6	16.3	16.5	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	473	469	465	407	439	434	415	348	352	353	358	361	361	358	361	371	370	372	371	376	379	383	401	405	390.8		9379.9
10/23/2015	Delta T.	F°	16.9	16.5	15.3	15.1	15.6	15.1	15.2	15.3	14.2	14.3	14.7	14.9	14.7	14.6	14.8	14.7	14.8	14.7	14.7	14.6	14.2	13.7	13.4	13.2	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	416	405	376	372	382	371	374	375	349	351	361	364	362	358	364	362	363	362	361	357	348	336	328	325	363.4		8722.0
10/24/2015	Delta T.	F°	13.1	13.6	13.6	13.5	13.8	13.8	14.8	15.0	15.1	15.0	15.5	15.4	15.3	15.8	15.8	15.8	16.2	16.4	16.3	16.5	16.7	16.4	16.1	16.3	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	321	334	333	332	339	339	362	367	370	367	380	377	377	387	387	387	398	402	401	404	409	402	394	399	373.8		8971.1
10/25/2015	Delta T.	F°	16.3	16.5	15.9	13.4	14.8	16.1	13.6	13.3	16.3	15.8	16.2	16.7	16.5	16.6	16.5	16.6	16.8	16.7	16.4	16.5	16.6	16.3	14.9	13.8	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	399	404	390	329	363	395	333	327	399	389	397	410	406	407	406	408	413	410	403	404	408	399	365	338	387.4		9298.1
10/26/2015	Delta T.	F°	12.9	12.8	15.3	14.9	12.7	14.5	14.7	14.1	14.4	14.5	14.2	14.4	14.1	13.6	13.8	14.0	14.0	13.4	14.3	14.2	14.4	14.6	14.8	13.2	14	15	
	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	317	315	375	366	311	357	362	345	353	356	347	352	346	334	340	344	343	329	350	349	354	358	363	324	345.5		8291.5
10/27/2015	Delta T.	F°	12.3	12.1	11.8	12.4	11.3	10.5	10.6	10.0	10.5	13.7	12.9	14.0	15.2	15.4	15.5	15.4	15.2	14.9	16.0	16.3	16.2	15.6	15.1	14.9	14	16	
	Total flow	MGH	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	2.4	2.4	2.4	2.6		
	Heat Rate	mmBTU	302	296	290	303	278	257	260	245	258	273	255	278	302	304	307	306	300	295	317	322	321	308	298	295	290.3		6967.4
10/28/2015	Delta T.	F°	14.2	14.1	13.9	13.6	13.0	10.9	14.2	11.7	9.5	10.8	15.9	15.0	11.6	11.4	11.5	11.5	11.4	11.4	13.0	13.8	14.8	15.0	15.1	15.2	13	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	280	278	274	268	257	216	281	232	187	214	315	297	229	225	228	228	225	226	257	273	294	296	300	301	257.6		6182.2
10/29/2015	Delta T.	F°	15.0	15.2	15.3	15.2	15.2	15.8	13.5	12.5	12.3	13.2	15.5	16.8	16.4	15.7	13.6	13.9	15.0	14.8	15.0	16.5	16.7	16.1	16.3	16.3	15	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	2.9	2.9	2.9	2.9	2.8	2.4	2.4	2.4	2.4	2.4	2.5		
	Heat Rate	mmBTU	297	302	303	300	301	313	266	248	244	260	306	332	324	311	328	340	367	364	357	326	331	319	322	322	311.8		7483.2
10/30/2015	Delta T.	F°	16.2	16.0	15.8	15.9	15.2	13.0	10.3	9.4	10.9	11.8	12.7	13.9	14.3	14.5	14.9	15.0	13.8	3.5	0.3	0.2	0.3	0.3	0.3	0.4	10	16	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7	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	320	316	313	314	301	257	204	210	215	234	251	275	283	287	294	297	273	69	5	5	6	5	6	8	197.8		4748.0
10/31/2015	Delta T.	F°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.3	0.2	0.2	0.1	0.0	0.1	0.0	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0	1	
	Total flow	MGH	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.9		
	Heat Rate	mmBTU	9	10	11	11	11	10	11	7	6	3	4	2	2	2	0	1	1	5	3	3	3	2	2	2	5.0		119.7

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*
10/6/2015	ND	10/7/2015	ND	NA	
10/15/2015	ND	10/15/2015	ND	NA	
10/20/2015	ND	10/21/2015	ND	NA	
10/28/2015	ND	10/29/2015	ND	NA	
Montly Avg	ND	Monthly Avg	ND	Monthly Avg	

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

Kendall Green Energy, LLC
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Cambridge, MA 02142
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NPDES Permit No. MA0004898
Kendall Green Energy, LLC
Daily Flow Summary
Outfall 009

	Total Flow (MGD)
10/1/2015	0.121
10/2/2015	0.199
10/3/2015	0.172
10/4/2015	0.128
10/5/2015	0.182
10/6/2015	0.207
10/7/2015	0.194
10/8/2015	0.174
10/9/2015	0.160
10/10/2015	0.072
10/11/2015	0.113
10/12/2015	0.036
10/13/2015	0.001
10/14/2015	0.000
10/15/2015	0.000
10/16/2015	0.000
10/17/2015	0.000
10/18/2015	0.007
10/19/2015	0.060
10/20/2015	0.001
10/21/2015	0.180
10/22/2015	0.181
10/23/2015	0.172
10/24/2015	0.154
10/25/2015	0.163
10/26/2015	0.099
10/27/2015	0.155
10/28/2015	0.119
10/29/2015	0.104
10/30/2015	0.088
10/31/2015	0.001
Monthly Total	3.243
Monly Avg MGD	0.105
Max Flow MGD	0.207
Min Flow MGD	0.000