Return To STATE OF CONNECTICUT
Bureau of Water Management/Planning & Standards
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

From: The East Shore W.P.A.F.
345 East Shore Parkway
New Haven, Connecticut 06512
John Torre: PROJECT MANAGER

STATE OPERATIONS REPORT

Month: **July, 2012**

	FLOW (mgd)			HIGH	HIGH	RAIN-	SEPTIC	SEPTAGE	PRIMARY SLUDGE			AERATION TANK 1				AERATION TANK 2			
				FLOW	FLOW	FALL	WASTE	NON-						D.O.				D.O.	
	MAX	MIN	TOT	DIVERSION	DIVERSION	INCHES/	GAL	DOMESTIC	GAL	%	LBS	MLSS	SVI	HI	LO	MLSS	SVI	HI	LO
DATE				(>60MGD)	HRS/DAY	DAY		GPD		SOLIDS		mg/l				mg/l			
1	36.0	14.1	26.4	0.00	0.00	0.000	0	0	1246406	0.26	26507								
2	40.6	16.4	28.0	0.00	0.00	0.000	0	0	1252804	0.35	30823	3504	120	2.7	0.3	3640	124	2.9	0.7
3	32.8	17.1	26.1	0.00	0.00	0.000	5000	0	1242257	0.46	47140	3344	108	1.5	0.5	3492	117	3.1	1.7
4	34.1	17.1	27.3	0.00	0.00	0.110	0	0	1265361	0.38	40102								
5	35.5	17.9	26.7	0.00	0.00	0.000	1800	0	1279188	0.45	47475	3676	106	2.9	0.2	3472	138	3.8	0.8
6	32.5	17.5	26.0	0.00	0.00	0.000	800	0	1245388	0.23	23889	3604	100	1.7	0.4	3704	97	2.8	1.6
7	32.9	17.1	25.8	0.00	0.00	0.010	0	0	1243211	0.32	33179								
8	30.8	16.0	25.2	0.00	0.00	0.000	0	0	1240461	0.31	32071								
9	30.7	16.8	25.5	0.00	0.00	0.000	4000	0	1243156	0.26	26957	3856	117	0.2	0.1	3976	106	2.8	1.3
10	30.3	16.6	24.1	0.00	0.00	0.000	1000	0	1249523	0.31	32305	3992	130	0.2	0.2	4144	123	1.4	0.6
11	31.3	16.9	25.3	0.00	0.00	0.000	1800	0	1236749	0.29	29396	4588	105	0.2	0.2	4552	121	0.9	0.4
12	44.5	15.0	28.0	0.00	0.00	0.000	0	0	1246684	0.30	31192	4716	121	0.2	0.1	4712	125	0.9	0.4
13	35.8	11.4	25.3	0.00	0.00	0.000	4800	0	1239049	0.18	18601	4908	122	0.2	0.1	4920	108	1.0	0.4
14	33.4	15.4	25.0	0.00	0.00	0.030	0	0	1241203	0.31	31572								
15	63.6	15.1	29.9	0.00	0.00	0.610	0	0	1242339	0.36	36782								
16	61.3	16.8	30.4	0.00	0.00	0.130	3000	0	1235679	0.29	29886	4296	100	1.2	0.3	4328	92	3.5	2.0
17	37.5	16.3	26.8	0.00	0.00	0.000	3800	0	1269679	0.23	23296	4348	96	1.1	0.5	4360	99	4.0	2.5
18	34.2	15.6	27.0	0.00	0.00	0.060	4000	0	1399037	0.42	49005	3816	92	1.2	0.3	3944	96	3.7	3.1
19	34.3	14.2	25.0	0.00	0.00	0.120	800	0	1349948	0.43	48412	4052	91	0.8	0.3	4100	93	3.7	3.3
20	56.8	12.5	30.0	0.00	0.00	0.340	4800	0	1346791	0.31	34258	4160	94	0.3	0.2	4200	93	3.6	0.7
21	37.2	14.1	24.3	0.00	0.00	0.010	0	0	1234270	0.35	36028								
22	31.8	14.3	24.0	0.00	0.00	0.000	0	0	1260716	0.43	45212								
23	50.9	16.2	28.0	0.00	0.00	0.120	4000	0	1254787	0.27	28255	4092	90	1.0	0.3	4172	91	2.2	0.4
24	56.5	17.7	29.1	0.00	0.00	0.100	1000	0	1764232	0.35	51007	4456	101	0.4	0.2	4552	99	1.2	0.6
25	33.2	16.1	23.5	0.00	0.00	0.000	800	0	1200989	1.62	162263	3884	98	1.0	0.3	4092	93	1.3	0.6
26	52.0	13.8	27.7	0.00	0.00	0.190	3000	0	698047	0.82	47932	4312	90	1.7	0.3	4212	90	2.0	0.5
27	33.6	17.4	25.8	0.00	0.00	0.000	4800	0	853841	0.74	52696	4416	93	0.8	0.4	4436	95	2.0	1.2
28	71.5	17.7	33.6	0.19	0.70	0.780	0	0	818252	0.41	27638								
29	46.5	18.2	27.2	0.00	0.00	0.000	0	0	826682	0.55	37575								
30	38.3	17.7	29.3	0.00	0.00	0.000	1800	0	824748	0.21	14445	4124	114	3.2	0.4	4264	103	3.1	0.8
31	35.7	16.7	26.4	0.00	0.00	0.000	0	0	824257	0.27	18217	3412	106	1.8	0.5	3576	109	3.5	1.9
TOTAL	1256.1	495.7	832.7	0.19	0.70	2.610	51000	0	36875734	12.42	1194117	85556	2194	24.3	6.1	86848	2212	53.4	25.5
AVG	40.5	16.0	26.9	0.01	0.02	0.084	1645	0	1189540	0.40	38520	4074	104	1.2	0.3	4136	105	2.5	1.2
MIN	30.3	11.4	23.5	0.00	0.00	0.000	0	0	698047	0.18	14445	3344	90	0.2	0.1	3472	90	0.9	0.4
MAX	71.5	18.2	33.6	0.19	0.70	0.780	5000	0	1764232	1.62	162263	4908	130	3.2	0.5	4920	138	4.0	3.3

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Month: **July, 2012**

	AERATION TANK 3				AERATION TANK 4				RETURN SLUDGE		WASTE	SOLIDS		CHLORINE DOSAGE		CHLORINE RESIDUAL mg/l				FECAL COLIFORM
	MLSS	SVI	D.O. HI	D.O. LO	MLSS	SVI	D.O. HI	D.O. LO	%	%	SLUDGE	LBS	LBS							
DATE	mg/l				mg/l				FLOW	SOLIDS	LB	IN	OUT	LBS	mg/l	#	HI	LO	AVG	#/100ml
1									100.7		17815		39987	544.5	2.47					
2	4396.0	139.00	0.1	0.10	4240.0	146.00	0.9	0.20	99.2	0.86	18191	117461	31459	583.6	2.50	4	0.5	0.4	0.5	11
3	4488.0	136.00	0.1	0.10	4352.0	133.00	0.6	0.10	97.7	0.84	15743	111884	14122	671.3	3.08	4	0.5	0.4	0.5	4
4									94.5		15377		-16222	752.1	3.30	1	0.3	0.3	0.3	13
5	4432.0	149.00	0.2	0.10	4320.0	136.00	1.9	0.10	93.4	0.84	16440	98869	27060	626.5	2.81	4	0.5	0.4	0.5	26
6	4516.0	108.00	0.1	0.10	4468.0	110.00	1.0	0.20	96.3	0.86	15614	86302	418	740.1	3.41	4	0.5	0.3	0.4	
7									94.6		17715		2312	702.9	3.27					
8									100.1		16440		65194	697.2	3.32					
9	4212.0	116.00	0.1	0.10	4220.0	123.00	1.6	0.60	99.5	0.91	16310	82303	56159	571.6	2.69	4	0.7	0.5	0.6	4
10	4216.0	138.00	0.1	0.10	4168.0	120.00	0.7	0.30	104.7	0.90	19446	78790	-2461	678.3	3.37	4	0.5	0.3	0.4	10
11	3876.0	121.00	0.2	0.10	3848.0	99.00	1.5	0.50	98.5	0.90	14415	87777	35628	796.9	3.78	4	0.5	0.4	0.4	12
12	3316.0	93.00	0.2	0.10	3240.0	96.00	1.7	1.20	104.7	0.86	17901	106952	55491	747.1	3.20	4	0.7	0.5	0.6	5
13	3616.0	97.00	0.3	0.10	3408.0	94.00	1.8	1.20	97.9	0.88	1723	98538	17337	577.3	2.74	4	0.6	0.6	0.6	
14									90.0		10669		33627	572.9	2.75					
15									116.4		21887		27913	735.7	2.95					
16	4116.0	92.00	0.2	0.10	4252.0	94.00	0.9	0.20	79.9	1.02	21077	92794	40843	680.2	2.68	4	0.6	0.5	0.6	<2
17	4520.0	102.00	0.1	0.10	4480.0	116.00	1.3	0.20	92.1	0.88	20997	75100	39193	695.3	3.11	4	0.6	0.4	0.5	4
18	4796.0	104.00	0.2	0.10	5064.0	114.00	0.2	0.10	95.7	0.87	20306	79714	24166	732.5	3.25	4	0.7	0.4	0.6	<2
19	4904.0	104.00	0.1	0.10	4696.0	98.00	0.4	0.10	91.4	0.85	19355	93617	22125	717.4	3.44	4	0.5	0.5	0.5	4
20	4644.0	101.00	0.1	0.10	4548.0	116.00	0.3	0.10	80.2	0.87	18385	111589	44288	695.3	2.78	4	0.9	0.5	0.7	
21									97.2		18345		34254	627.2	3.09					
22									102.6		19265		67671	685.9	3.43					
23	4504.0	95.00	0.2	0.10	4340.0	101.00	1.5	0.10	86.3	0.86	13285	112557	30115	676.4	2.90	4	1.0	0.6	0.7	2
24	3980.0	90.00	0.2	0.10	3792.0	95.00	2.1	0.30	92.7	0.85		89069	24084	861.9	3.55	4	0.5	0.4	0.4	13
25	4496.0	100.00	0.1	0.10	4456.0	103.00	0.4	0.10	118.8	0.88		126022	15846	608.9	3.11	4	0.5	0.4	0.5	<2
26	4724.0	113.00	0.1	0.10	4892.0	102.00	0.9	0.10	109.4	0.89	17714	133066	55244	711.1	3.08	4	0.6	0.4	0.5	<2
27	4532.0	104.00	0.2	0.10	4480.0	103.00	1.6	0.90	92.6	0.92	19426	77032	49268	686.5	3.19	4	0.9	0.8	0.8	
28									99.8		18685		54587	951.5	3.40					
29									96.9		19255		62089	564.7	2.49					
30	4044.0	104.00	0.6	0.10	4168.0	106.00	1.9	0.20	105.7	1.04	18965	78196	32375	648.6	2.65	4	0.4	0.4	0.4	8
31	4304.0	121.00	0.2	0.10	4488.0	134.00	1.7	0.40	104.3	0.82	19916	66053	19866	605.1	2.75	4	0.7	0.4	0.5	4
TOTAL	90632.0	2327.00	3.7	2.10	89920.0	2339.00	24.9	7.20	3033.7	18.59	500662	2003683	1004037	21146.6	94.54	85	13.2	9.8	11.3	<128
AVG	4315.8	110.81	0.2	0.10	4281.9	111.38	1.2	0.34	97.9	0.89	17264	95413	32388	682.1	3.05	4	0.6	0.4	0.5	<5
MIN	3316.0	90.00	0.1	0.10	3240.0	94.00	0.2	0.10	79.9	0.82	1723	66053	-16222	544.5	2.47	1	0.3	0.3	0.3	<2
MAX	4904.0	149.00	0.6	0.10	5064.0	146.00	2.1	1.20	118.8	1.04	21887	133066	67671	951.5	3.78	4	1.0	0.8	0.8	26

NOTES: Coliform average is the geometric mean

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	SETTLED SOLIDS		BOD			COD			SUSPENDED SOLIDS			TURB-IDITY	TEMPERATURE deg F		pH		EFF D.O.	INF CL	EFF ALK. Grab
DATE	INF	EFF	INF mg/l	P.E. mg/l	EFF mg/l	INF mg/l	P.E. mg/l	EFF mg/l	INF mg/l	P.E. mg/l	EFF mg/l		INF	EFF	INF	EFF			mg/l
1											1.7								
2	9.0	0.0	404		3.0				503	68	3.1	2	72	74	6.9	6.8	5.6	720.0	
3	7.0	0.0	378	131	3.1				514	80	3.8	3	72	76	7.0	6.8	6.4		
4																			
5	5.0	0.0	377	133	2.6				444	81	3.0	2	72	75	7.1	6.8	5.5	870.0	
6	14.0	0.0							398	88	2.7	2	71	75	6.9	6.9	5.1	750.0	
7																			
8											3.8								
9	5.5	0.0	356		3.6				387	87	3.6	3	73	76	7.0	6.9	5.6	670.0	
10	19.5	0.0	408	174	3.2				392	83	4.0	3	74	76	6.6	6.9	7.2	720.0	78.0
11	9.5	0.0	364	154	2.8				416	96	3.6	3	74	76	7.0	7.0	7.2	580.0	
12	8.0	0.0	423	170	3.7				458	79	3.4	3	74	78	7.0	7.0	7.1	610.0	
13	5.1	0.0							467	81	4.6	2	74	77	7.0	6.8	4.6	610.0	
14																			
15											6.1								
16	6.0	0.0	285		5.8				366	79	6.3	4	75	79	7.0	6.8	5.4	480.0	
17	5.5	0.0	299	137	3.4				336	70	4.4	5	76	80	7.0	6.9	5.3	710.0	
18	7.0	0.0	296	159	3.8				354	75	4.6	4	76	80	7.0	6.8	5.0	620.0	
19	10.0	0.1	372	224	2.9				449	91	3.0	3	75	77	7.0	6.9	5.0	670.0	
20	10.5	0.0							446	94	5.2	4	74	75	7.2	6.9	4.9	600.0	
21																			
22											5.1								
23	10.0	0.0	464		6.0				482	75	4.0	4	74	79	7.0	6.9	5.2	660.0	
24	6.0	0.0	464	278	6.5				367	71	5.0	3	76	79	6.8	6.9	6.9	650.0	
25	9.0	0.0	562	164	3.1				643	87	4.4	3	76	79	7.0	7.1	7.2	500.0	
26	7.5	0.0	404	174	2.2				576	98	4.2	4	75	78	7.0	7.0	6.9	600.0	
27	5.5	0.0							358	72	5.9	4	74	80	7.2	7.0	6.8	670.0	
28											5.8								
29											4.1								
30	5.0	0.0	295		2.7				320	72	2.8	2	74	78	7.2	6.9	5.4	730.0	
31	4.5	0.0	280	141	3.3				300	74	4.2	5	74	77	7.1	6.8	4.9	860.0	
TOTAL	169.1	0.1	6431	2039	61.7				8976	1701	112.4	68	1555	1624	147.0	144.8	123.2	13280.0	78.0
AVG	8.1	0.0	378	170	3.6				427	81	4.2	3	74	77	7.0	6.9	5.9	664.0	78.0
MIN	4.5	0.0	280	131	2.2				300	68	1.7	2	71	74	6.6	6.8	4.6	480.0	78.0
MAX	19.5	0.1	562	278	6.5				643	98	6.3	5	76	80	7.2	7.1	7.2	870.0	78.0

NOTES: 0.0 = TRACE for settleable solids

* Note: Sample collected and analyzed

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1) PLANT NAME: East Shore W.P.A.F. NPDES No. - CT0100366

		INFLUENT	EFFLUENT
2) TEMPERATURE (00011)	Maximum	76 F	80 F
Plnt Ef - Plant Effluent	Monthly Average		26.9 MGD
Flow Mgd - Flow Thru Treatment Plant Mgd	Daily Maximum		71.5 MGD
4) TURBIDITY (00070)	Maximum		5.00 ntu
5) ULTIMATE OXYGEN DEMAND (00181)	Monthly Average	mg/l	mg/l
6) DISSOLVED OXYGEN (00300)	Minimum		4.6 mg/l
7) BIOCHEMICAL OXYGEN DEMAND (00310)	Monthly Average	378 mg/l	3.6 mg/l
	Daily Maximum	562 mg/l	6.5 mg/l
8) PH (00400)	Monthly Minimum	6.6 S.U.	6.8 S.U.
	Monthly Maximum	7.2 S.U.	7.1 S.U.
9) SUSPENDED SOLIDS (00530)	Monthly Average	427 mg/l	4.2 mg/l
	Daily Maximum	643 mg/l	6.3 mg/l
10) SETTLEABLE SOLIDS (00545)	Maximum	19.5 ml/l	0.1 ml/l

		INFLUENT	EFFLUENT
11) TOTAL ORGANIC N (00605)	Monthly Average	25.1 mg/l	>1.9 mg/l
12) AMMONIA as N (00610)	Monthly Average	17.4 mg/l	<0.4 mg/l
13) NITRATE-NITRITE (00630)	Monthly Average	<0.1 mg/l	3.3 mg/l
14) TOTAL PHOSPHORUS (00665)	Monthly Average		3.2 mg/l
15) TOTAL CL RESIDUAL (50060)	Daily Minimum		0.3 mg/l
	Daily Maximum		1.0 mg/l
16) FECAL COLIFORM (74055)	30-Day Geo. Mean		<5 /100ml
	Maximum 7-Day Geo. Mean		11 /100ml
17) BIOCHEMICAL OXYGEN DEMAN (81010)	Percent Removal		99 %
18) SUSPENDED SOLIDS (81011)	Percent Removal		99 %
19) TOTAL PHOSPHORUS (81012)	Percent Removal		%

Monthly Chemical Report

East Shore W.P.A.F. **Month: July, 2012**

DAY	Effluent Hypo GPD	Main Scrubber Hypo GPD	Main Scrubber Caustic GPD	Inlet Works Scrubber Hypo GPD	Inlet Works Scrubber Casutic GPD
01	409.1	39.6	17.1	94.4	8.2
02	438.5	77.4	28.0	298.0	11.7
03	504.3	60.9	23.8	384.5	35.9
04	565.0	25.6	18.4	249.2	79.2
05	470.7	77.3	24.4	289.0	83.1
06	556.0	64.0	19.4	293.3	71.4
07	528.0	65.0	17.3	308.9	59.7
08	523.8	111.3	34.4	191.1	55.4
09	429.4	27.5	9.3	241.4	19.9
10	509.6	85.6	26.5	25.0	0.0
11	598.7	59.8	21.4	305.4	3.1
12	561.2	83.6	25.4	586.6	16.0
13	433.7	130.5	37.1	210.2	59.3
14	430.4	80.3	19.6	358.4	12.1
15	552.7	84.4	12.4	448.1	36.3
16	511.0	126.1	20.3	186.4	0.0
17	522.3	7.2	25.9	273.8	15.6
18	550.3	85.4	33.1	388.0	75.3
19	538.9	65.5	19.3	313.2	59.3
20	522.3	219.7	14.2	280.4	47.2
21	471.2	39.9	29.9	231.3	4.7
22	515.2	72.9	20.4	220.7	0.0
23	508.1	128.8	31.9	190.3	5.1
24	647.5	83.4	24.6	324.5	10.5
25	457.4	87.4	21.8	253.5	12.5
26	534.2	35.8	15.3	234.0	18.3
27	515.7	52.6	18.4	534.3	1.2
28	714.8	10.1	10.0	246.5	31.6
29	424.2	7.2	6.3	149.0	7.8
30	487.3	148.8	56.9	12.1	0.0
31	454.6	79.9	16.5	343.6	19.5
Total	15886.1	2323.3	698.8	8464.9	859.6
Avg	512.5	74.9	22.5	273.1	27.7

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79 Elm Street
Hartford, CT 06106-5127

From: The East Shore W.P.A.F.
345 East Shore Parkway
New Haven, Connecticut 06512
John Torre: PROJECT MANAGER

NUTRIENT REPORT: Stamford Regional Lab Results

Month: **July, 2012**

DAY	INF TN	INF TKN	INF NH3	INF NO2	INF NO3	PRIEFF ALK GRB	PRIEFF ALK	PRIEFF pH	PRIEFF TN	PRIEFF TKN	PRIEFF NH3	PRIEFF NO2	PRIEFF NO3	EFF TP	EFF OP	EFF TN	EFF TKN	EFF NH3	EFF NO2	EFF NO3	EFF NO2+NO3
1																5.1	2.2				2.9
2							132	6.80								6.2	2.1	0.1			4.1
3								6.80													
4																					
5							137	7.10								5.1	2.0				3.1
6							133	6.90													
7																					
8																4.4	2.0				2.4
9	43.0	42.5	17.4	<0.1	0.5		140	6.90	30.9	30.5	17.8	<0.1	0.4	3.2	2.7	6.1	3.1	0.9	<0.1	3.0	3.0
10						155	137	6.80													
11							147	7.00								5.1	2.2				2.9
12							141	6.90								5.6	3.2				2.4
13							140	6.90													
14																					
15																6.6	2.2				4.4
16							104	7.00								6.0	2.7	0.5			3.3
17							137	7.00													
18							142	7.00								5.5	2.0				3.5
19							133	6.90								5.2	2.1				3.1
20							130	6.90													
21																					
22																5.6	2.0				3.6
23							128	6.90								5.8	2.1	<0.1			3.7
24							137	6.80													
25							120	6.90								5.5	2.1				3.4
26							131	7.20								5.6	2.3				3.3
27							122	7.00													
28																					
29																5.0	2.1				2.9
30							146	7.00								5.8	2.0	0.3			3.8
31							140	6.90													
TOTAL	43.0	42.5	17.4	<0.1	0.5	155	2677	145.60	30.9	30.5	17.8	<0.1	0.4	3.2	2.7	94.2	38.4	<1.9	<0.1	3.0	55.8
AVG	43.0	42.5	17.4	<0.1	0.5	155	134	6.93	30.9	30.5	17.8	<0.1	0.4	3.2	2.7	5.5	2.3	<0.4	<0.1	3.0	3.3
MIN	43.0	42.5	17.4	<0.1	0.5	155	104	6.80	30.9	30.5	17.8	<0.1	0.4	3.2	2.7	4.4	2.0	<0.1	<0.1	3.0	2.4
MAX	43.0	42.5	17.4	<0.1	0.5	155	147	7.20	30.9	30.5	17.8	<0.1	0.4	3.2	2.7	6.6	3.2	0.9	<0.1	3.0	4.4

STATEMENT OF ACKNOWLEDGEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalities for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: **John Torre**

Title: **Project Manager**

Signature:

Date: **8/20/2012**

Monthly Solids Report

East Shoe W.P.A.F. **Month: July, 2012**

DAY	TPS LBS	TWAS LBS	LBS Polymer per Ton WAS	BFP CAKE %	Wet Tons Sludge To Incin.	Dry LBS To Incin.	Trucks #	LBS From SYNAGRO	LBS Out From ESWPAF
1	13894	13811	170	24.7	95.4	47142	3	7156	39987
2	11851	12276	104	25.4	152.7	77592	23	46133	31459
3	12410	11609	168	24.9	154.5	76951	19	62829	14122
4	11509	11935	93	27.6	54.5	30073	14	46295	-16222
5	10008		184	24.6	55.0	27060	0	0	27060
6			194	24.6	0.9	418	0	0	418
7			150	24.6	4.7	2312	0	0	2312
8	19265	22893	184	24.0	135.8	65194	0	0	65194
9	11559	22935	186	25.4	166.0	84348	13	28189	56159
10	9975	20775	136	25.6	78.0	39931	17	42392	-2461
11	12510	13578	236	26.5	117.8	62408	13	26780	35628
12	12010	23018	169	25.0	186.6	93275	17	37784	55491
13	10342	21659	220	22.9	145.8	66776	19	49440	17337
14	8006	12810	106	25.2	139.0	70056	16	36429	33627
15	10258	22568	156	20.3	104.0	42224	6	14311	27913
16	14503	21200	144	26.8	155.3	83235	23	42392	40843
17	11384	19491	144	25.4	165.5	84079	18	44886	39193
18	10408	19015	149	24.0	151.2	72576	19	48410	24166
19	7089	13211	176	22.9	95.2	43592	9	21467	22125
20	10400	19207	144	24.9	151.0	75188	15	30900	44288
21	13010	26263	186	24.0	166.2	79790	21	45536	34254
22	10809	29057	177	22.9	179.0	81982	6	14311	67671
23	12668	19566	171	24.3	188.1	91426	29	61312	30115
24	12093	3828		22.6	167.2	75583	19	51500	24084
25	19015			26.1	138.4	72224	26	56378	15846
26	21234	15938	192	27.6	154.3	85168	12	29924	55244
27	12910	14036	234	23.9	132.3	63254	6	13986	49268
28	11209	19182	243	25.5	185.2	94432	15	39844	54587
29	14462	15212	197	23.5	160.9	75642	5	13553	62089
30	9399	16163	160	25.3	143.7	72707	24	40332	32375
31	12410	16755	209	22.1	171.2	75648	21	55782	19866
Total	356602	477990	4983	763.1	4095.3	2012288	428	1008252	1004037
Avg	12297	17703	172	24.6	132.1	64913	14	32524	32388

Monthly Utilities Report

East Shore W.P.A.F. **Month: July, 2012**

DAY	KWH Used x1000	Nat. Gas Corr. KCF	Nat. Gas Uncorr. CCF	Nat. Gas Boilers CCF	Total Water Used CCF	Oil North Tank GAL	Oil South Tank GAL
01	48.0	29.0	61.0	2.0	106.0	0.0	
02	52.8	29.0	60.0	2.0	119.1	0.0	
03	53.0	28.0	59.0	3.0	117.1	0.0	
04	48.0	29.0	60.0	2.0	373.9	0.0	
05	43.2	29.0	61.0	0.0	112.0	0.0	
06	48.0	29.0	60.0	6.0	125.4	0.0	
07	48.0	28.0	60.0	1.0	133.4	0.0	
08	48.0	30.0	61.0	2.0	139.7	0.0	
09	53.0	28.0	60.0	2.0	121.3	0.0	
10	53.0	34.0	71.0	5.0	151.2	0.0	
11	48.0	24.0	60.0	3.0	98.4	0.0	
12	53.0	10.0	19.0	2.0	109.6	0.0	
13	57.6	0.0	2.0	1.0	108.4	0.0	
14	58.0	1.0	1.0	1.0	97.5	0.0	
15	62.4	1.0	2.0	2.0	112.4	0.0	
16	57.6	0.0	1.0	2.0	104.8	1.0	
17	62.4	1.0	2.0	2.0	111.8	0.0	
18	57.6	1.0	2.0	2.0	144.7	0.0	
19	57.6	12.0	25.0	2.0	100.4	0.0	
20	52.8	28.0	58.0	3.0	133.4	0.0	
21	53.0	28.0	60.0	1.0	120.5	0.0	
22	52.8	30.0	63.0	2.0	118.8	0.0	
23	52.8	33.0	66.0	3.0	137.5	0.0	
24	58.0	13.0	30.0	0.0	104.5	0.0	
25	57.6	13.0	27.0	5.0	126.2	0.0	
26	52.8	29.0	59.0	2.0	112.0	0.0	
27	48.0	29.0	60.0	2.0	121.4	0.0	
28	57.6	29.0	62.0	1.0		0.0	
29	48.0	29.0	55.0	1.0	112.0	0.0	
30	52.8	28.0	65.0	3.0	114.0	0.0	
31	52.8	33.0	69.0	2.0	139.8	0.0	
Total	1648.2	665.0	1401.0	67.0	3827.2	1.0	
Avg	53.2	21.5	45.2	2.2	127.6	0.0	

Return To STATE OF CONNECTICUT
Bureau of Water Management/Planning & Standards
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STATE OPERATIONS REPORT

Month: **July, 2012**

	FLOW (mgd)			HIGH	SEPTIC	PRIMARY SLUDGE			AERATION TANK 1				AERATION TANK 2				AERATION TANK 3				AERATION TANK 4			
				FLOW	WASTE						D.O.				D.O.				D.O.				D.O.	
	MAX	MIN	TOT	DIVERSION	GAL	GAL	%	LBS	MLSS	SVI	HI	LO	MLSS	SVI	HI	LO	MLSS	SVI	HI	LO	MLSS	SVI	HI	LO
DATE				(>60MGD)			SOLIDS		mg/l				mg/l				mg/l				mg/l			
1	36.0	14.1	26.4	0.00	0	1246406	0.26	26507																
2	40.6	16.4	28.0	0.00	0	1252804	0.35	30823	3504	120	2.7	0.3	3640	124	2.9	0.7	4396	139	0.1	0.1	4240	146	0.9	0.2
3	32.8	17.1	26.1	0.00	5000	1242257	0.46	47140	3344	108	1.5	0.5	3492	117	3.1	1.7	4488	136	0.1	0.1	4352	133	0.6	0.1
4	34.1	17.1	27.3	0.00	0	1265361	0.38	40102																
5	35.5	17.9	26.7	0.00	1800	1279188	0.45	47475	3676	106	2.9	0.2	3472	138	3.8	0.8	4432	149	0.2	0.1	4320	136	1.9	0.1
6	32.5	17.5	26.0	0.00	800	1245388	0.23	23889	3604	100	1.7	0.4	3704	97	2.8	1.6	4516	108	0.1	0.1	4468	110	1.0	0.2
7	32.9	17.1	25.8	0.00	0	1243211	0.32	33179																
8	30.8	16.0	25.2	0.00	0	1240461	0.31	32071																
9	30.7	16.8	25.5	0.00	4000	1243156	0.26	26957	3856	117	0.2	0.1	3976	106	2.8	1.3	4212	116	0.1	0.1	4220	123	1.6	0.6
10	30.3	16.6	24.1	0.00	1000	1249523	0.31	32305	3992	130	0.2	0.2	4144	123	1.4	0.6	4216	138	0.1	0.1	4168	120	0.7	0.3
11	31.3	16.9	25.3	0.00	1800	1236749	0.29	29396	4588	105	0.2	0.2	4552	121	0.9	0.4	3876	121	0.2	0.1	3848	99	1.5	0.5
12	44.5	15.0	28.0	0.00	0	1246684	0.30	31192	4716	121	0.2	0.1	4712	125	0.9	0.4	3316	93	0.2	0.1	3240	96	1.7	1.2
13	35.8	11.4	25.3	0.00	4800	1239049	0.18	18601	4908	122	0.2	0.1	4920	108	1.0	0.4	3616	97	0.3	0.1	3408	94	1.8	1.2
14	33.4	15.4	25.0	0.00	0	1241203	0.31	31572																
15	63.6	15.1	29.9	0.00	0	1242339	0.36	36782																
16	61.3	16.8	30.4	0.00	3000	1235679	0.29	29886	4296	100	1.2	0.3	4328	92	3.5	2.0	4116	92	0.2	0.1	4252	94	0.9	0.2
17	37.5	16.3	26.8	0.00	3800	1269679	0.23	23296	4348	96	1.1	0.5	4360	99	4.0	2.5	4520	102	0.1	0.1	4480	116	1.3	0.2
18	34.2	15.6	27.0	0.00	4000	1399037	0.42	49005	3816	92	1.2	0.3	3944	96	3.7	3.1	4796	104	0.2	0.1	5064	114	0.2	0.1
19	34.3	14.2	25.0	0.00	800	1349948	0.43	48412	4052	91	0.8	0.3	4100	93	3.7	3.3	4904	104	0.1	0.1	4696	98	0.4	0.1
20	56.8	12.5	30.0	0.00	4800	1346791	0.31	34258	4160	94	0.3	0.2	4200	93	3.6	0.7	4644	101	0.1	0.1	4548	116	0.3	0.1
21	37.2	14.1	24.3	0.00	0	1234270	0.35	36028																
22	31.8	14.3	24.0	0.00	0	1260716	0.43	45212																
23	50.9	16.2	28.0	0.00	4000	1254787	0.27	28255	4092	90	1.0	0.3	4172	91	2.2	0.4	4504	95	0.2	0.1	4340	101	1.5	0.1
24	56.5	17.7	29.1	0.00	1000	1764232	0.35	51007	4456	101	0.4	0.2	4552	99	1.2	0.6	3980	90	0.2	0.1	3792	95	2.1	0.3
25	33.2	16.1	23.5	0.00	800	1200989	1.62	162263	3884	98	1.0	0.3	4092	93	1.3	0.6	4496	100	0.1	0.1	4456	103	0.4	0.1
26	52.0	13.8	27.7	0.00	3000	698047	0.82	47932	4312	90	1.7	0.3	4212	90	2.0	0.5	4724	113	0.1	0.1	4892	102	0.9	0.1
27	33.6	17.4	25.8	0.00	4800	853841	0.74	52696	4416	93	0.8	0.4	4436	95	2.0	1.2	4532	104	0.2	0.1	4480	103	1.6	0.9
28	71.5	17.7	33.6	0.19	0	818252	0.41	27638																
29	46.5	18.2	27.2	0.00	0	826682	0.55	37575																
30	38.3	17.7	29.3	0.00	1800	824748	0.21	14445	4124	114	3.2	0.4	4264	103	3.1	0.8	4044	104	0.6	0.1	4168	106	1.9	0.2
31	35.7	16.7	26.4	0.00	0	824257	0.27	18217	3412	106	1.8	0.5	3576	109	3.5	1.9	4304	121	0.2	0.1	4488	134	1.7	0.4
TOTAL	1256.1	495.7	832.7	0.19	51000	36875734	12.42	1194117	85556	2194	24.3	6.1	86848	2212	53.4	25.5	90632	2327	3.7	2.1	89920	2339	24.9	7.2
AVG	40.5	16.0	26.9	0.01	1645	1189540	0.40	38520	4074	104	1.2	0.3	4136	105	2.5	1.2	4316	111	0.2	0.1	4282	111	1.2	0.3
MIN	30.3	11.4	23.5	0.00	0	698047	0.18	14445	3344	90	0.2	0.1	3472	90	0.9	0.4	3316	90	0.1	0.1	3240	94	0.2	0.1
MAX	71.5	18.2	33.6	0.19	5000	1764232	1.62	162263	4908	130	3.2	0.5	4920	138	4.0	3.3	4904	149	0.6	0.1	5064	146	2.1	1.2

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STATE OPERATIONS REPORT

Month: **July, 2012**

	RETURN SLUDGE		WASTE	SOLIDS		CHLORINE DOSAGE		CHLORINE RESIDUAL mg/l				FECAL COLIFORM
	%	%	SLUDGE	LBS	LBS							
DATE	FLOW	SOLIDS	LB	IN	OUT	LBS	mg/l	#	HI	LO	AVG	#/100ml
1	100.7		17815		39987	544.5	2.47					
2	99.2	0.86	18191	117461	31459	583.6	2.50	4	0.5	0.4	0.5	11
3	97.7	0.84	15743	111884	14122	671.3	3.08	4	0.5	0.4	0.5	4
4	94.5		15377		-16222	752.1	3.30	1	0.3	0.3	0.3	13
5	93.4	0.84	16440	98869	27060	626.5	2.81	4	0.5	0.4	0.5	26
6	96.3	0.86	15614	86302	418	740.1	3.41	4	0.5	0.3	0.4	
7	94.6		17715		2312	702.9	3.27					
8	100.1		16440		65194	697.2	3.32					
9	99.5	0.91	16310	82303	56159	571.6	2.69	4	0.7	0.5	0.6	4
10	104.7	0.90	19446	78790	-2461	678.3	3.37	4	0.5	0.3	0.4	10
11	98.5	0.90	14415	87777	35628	796.9	3.78	4	0.5	0.4	0.4	12
12	104.7	0.86	17901	106952	55491	747.1	3.20	4	0.7	0.5	0.6	5
13	97.9	0.88	1723	98538	17337	577.3	2.74	4	0.6	0.6	0.6	
14	90.0		10669		33627	572.9	2.75					
15	116.4		21887		27913	735.7	2.95					
16	79.9	1.02	21077	92794	40843	680.2	2.68	4	0.6	0.5	0.6	<2
17	92.1	0.88	20997	75100	39193	695.3	3.11	4	0.6	0.4	0.5	4
18	95.7	0.87	20306	79714	24166	732.5	3.25	4	0.7	0.4	0.6	<2
19	91.4	0.85	19355	93617	22125	717.4	3.44	4	0.5	0.5	0.5	4
20	80.2	0.87	18385	111589	44288	695.3	2.78	4	0.9	0.5	0.7	
21	97.2		18345		34254	627.2	3.09					
22	102.6		19265		67671	685.9	3.43					
23	86.3	0.86	13285	112557	30115	676.4	2.90	4	1.0	0.6	0.7	2
24	92.7	0.85		89069	24084	861.9	3.55	4	0.5	0.4	0.4	13
25	118.8	0.88		126022	15846	608.9	3.11	4	0.5	0.4	0.5	<2
26	109.4	0.89	17714	133066	55244	711.1	3.08	4	0.6	0.4	0.5	<2
27	92.6	0.92	19426	77032	49268	686.5	3.19	4	0.9	0.8	0.8	
28	99.8		18685		54587	951.5	3.40					
29	96.9		19255		62089	564.7	2.49					
30	105.7	1.04	18965	78196	32375	648.6	2.65	4	0.4	0.4	0.4	8
31	104.3	0.82	19916	66053	19866	605.1	2.75	4	0.7	0.4	0.5	4
TOTAL	3033.7	18.59	500662	2003683	1004037	21146.6	94.54	85	13.2	9.8	11.3	<128
AVG	97.9	0.89	17264	95413	32388	682.1	3.05	4	0.6	0.4	0.5	<5
MIN	79.9	0.82	1723	66053	-16222	544.5	2.47	1	0.3	0.3	0.3	<2
MAX	118.8	1.04	21887	133066	67671	951.5	3.78	4	1.0	0.8	0.8	26

NOTES: Coliform average is the geometric mean