Effluent Parameter	Units	Round 1 Date collected	Round 1 Date analyzed	Round 1 Effluent	Round 1 Duplicate	Round 2 Date collected	Round 2 Date analyzed	Round 2 Effluent	Round 2 Duplicate	Round 3 Date collected	Round 3 Date analyzed	Round 3 Effluent	Round 3 Duplicate	Round 4 Date collected	Round 4 Date analyzed	Round 4 Effluent	Round 4 Duplicate	NH Saltwater Stds Chronic/Acute or Human Health	
Temperature	degree C	2/20/2013	2/20/2013	8.5	8.5	3/21/2013	3/21/2013	8.8	8.7	3/22/2013	3/22/2013	8.5	8.3	4/18/2013	4/18/2013	11.4	11.3		
Field pH	SU	2/20/2013	2/20/2013	5.9	5.9	3/21/2013	3/21/2013	7.3	7.2	3/22/2013	3/22/2013	7.3	7.3	4/18/2013	4/18/2013	7	7		
Field DO	mg/L	2/20/2013	2/20/2013	6.7	6.7	3/21/2013	3/21/2013	4.8	4.7	3/22/2013	3/22/2013	5.6	5.6	4/18/2013	4/18/2013	4.7	4.8		
Aluminum (Not Tested)	mg/L	2/20/2013	2/20/2013	NA	NA	3/21/2013	3/21/2013	NA	NA	3/22/2013	3/22/2013	NA	NA	4/18/2013	4/18/2013	NA	NA	NA	0
Antimony	mg/L	2/20/2013	3/14/2013	<0.001	<0.001	3/21/2013	4/9/2013	<0.001	<0.001	3/22/2013	4/9/2013	<0.001	<0.001	4/18/2013	6/16/2013	0.000184	0.000188	4.3 mg/L (total, f cons.)	0.000184
Arsenic	mg/L	2/20/2013	3/14/2013	0.0019	0.0019	3/21/2013	4/9/2013	0.001	0.001	3/22/2013	4/9/2013	0.001	0.001	4/18/2013	6/16/2013	0.00176	0.00144	.00014 and .036 mg/L(t/dis)	0.0019
Beryllium	mg/L	2/20/2013	3/14/2013	<0.001	<0.001	3/21/2013	4/9/2013	<0.001	<0.001	3/22/2013	4/9/2013	<0.001	<0.001	4/18/2013	6/16/2013	0.000006	<0.000006	0.004 mg/L (total)(MCL)	0.000006
Cadmium	mg/L	2/20/2013	3/14/2013	<0.0005	<0.0005	3/21/2013	4/9/2013	<0.0005	<0.0005	3/22/2013	4/9/2013	<0.0005	<0.0005	4/18/2013	6/16/2013	0.000055	0.000045	0.0093 mg/L (diss)	0.000055
Chromium	mg/L	2/20/2013	3/14/2013	0.0074	0.0032	3/21/2013	4/9/2013	0.002	0.002	3/22/2013	4/9/2013	0.002	0.001	4/18/2013	6/19/2013	0.00162	0.00161	10.3 mg/L (total)(acute)	0.0074
Copper	mg/L	2/20/2012	3/14/2013	0.035	0.035	3/21/2013	4/9/2013	0.023	0.025	3/22/2013	4/9/2013	0.022	0.019	4/18/2013	5/4/2013	0.0132	0.0129	0.0031 mg/L (diss)	0.035
Lead	mg/L	2/20/2013	3/14/2013	0.0054	0.005	3/21/2013	4/9/2013	0.0008	0.0008	3/22/2013	4/9/2013	0.0007	0.0007	4/18/2013	6/16/2013	0.000654	0.000671	0.0081 mg/L (diss)	0.0054
Mercury	ug/L	2/20/2013	3/4/2013	0.018	0.021	3/21/2013	4/2/2013	0.013	0.02	3/22/2013	4/2/2013	0.022	0.018	4/18/2013	5/3/2013	0.0131	0.0131	.051 and .94 ug/L (tot+diss)	0.022
Nickel	mg/L	2/20/2013	3/14/2013	0.0044	0.005	3/21/2013	4/9/2013	0.004	0.004	3/22/2013	4/9/2013	0.004	0.003	4/18/2013	6/16/2013	0.00382	0.00418	0.0082 mg/L (diss)	0.0044
Selenium	mg/L	2/20/2013	3/14/2013	<0.001	<0.001	3/21/2013	4/9/2013	<0.001	<0.001	3/22/2013	4/9/2013	<0.001	<0.001	4/18/2013	6/19/2013	0.00197	0.00145	0.071 mg/L(diss)	0.00197
Silver	mg/L	2/20/2013	3/14/2013	<0.0005	0.0012	3/21/2013	4/9/2013	<0.0005	<0.0005	3/22/2013	4/9/2013	<0.0005	<0.0005	4/18/2013	6/16/2013	0.000041	0.000055	0.0019 mg/L(acute diss)	0.000041
Thallium	mg/L	2/20/2013	3/14/2013	<0.001	<0.001	3/21/2013	4/9/2013	<0.001	<0.001	3/22/2013	4/9/2013	<0.001	<0.001	4/18/2013	6/16/2013	0.000009	0.000028	.0063 mg/L(fish cons, total)	0.000009
Zinc	mg/L	2/20/2013	3/14/2013	0.046	0.043	3/21/2013	4/9/2013	0.02	0.024	3/22/2013	4/9/2013	0.023	0.019	4/18/2013	5/2/2013	0.0376	0.0354	0.081 mg/L(diss)	0.046
Dissolved Inorganic N	mg/L	2/20/2013	2/27/2013	12.1	12	3/21/2013	4/17/2013	10.5	11.5	3/22/2013	4/17/2013	10.5	10.5	4/18/2013	5/13/2013	15.13	15.13		15.13
Solids Suspended	mg/L	2/20/2013	3/5/2013	74	71	3/21/2013	3/25/2013	28	-	3/22/2013	3/28/2013	30	-	4/18/2013	4/25/2013	30	-		
Solids Dissolved	mg/L	2/20/2013	3/1/2013	1600	1600	3/21/2013	3/29/2013	1600	-	3/22/2013	3/29/2013	1600	-	4/18/2013	4/30/2013	1500	-		
Nitrate/Nitrite-N	mg/L	2/20/2013	2/25/2013	0.45	0.45	3/21/2013	3/28/2013	0.45	0.47	3/22/2013	3/28/2013	0.45	0.45	4/18/2013	4/19/2013	0.13	0.13	10 mg/l NO3, (w&f)	
Cyanide Total	mg/L	2/20/2013	2/28/2013	0.013	0.016	3/21/2013	3/29/2013	0.0055	0.006	3/22/2013	3/29/2013	0.011	0.0095	4/18/2013	5/1/2013	0.0035	0.0025	0.001 mg/l	0.013
Ammonia-N	mg/L	2/20/2013	2/27/2013	11.7	11.5	3/21/2013	3/29/2013	10	11	3/22/2013	3/29/2013	10	10	4/18/2013	5/3/2013	15	15	3.1 mg/l (pH 7.6, S 30, T 20)	
TKN	mg/L	2/20/2013	3/12/2013	16	17	3/21/2013	3/29/2013	17	16	3/22/2013	3/29/2013	16	17	4/18/2013	4/24/2013	21	21		
Total Phosphorus-P	mg/L	2/12/2013	3/4/2013	4.3	3.5	3/21/2013	3/27/2013	3.4	3.4	3/22/2013	3/27/2013	1.4	1.4	4/18/2013	4/24/2013	1.4	1.6		
Total Residual Chlorine	mg/L	2/20/2013	2/20/2013	0.0	?	3/21/2013	3/21/2013	0	-	3/22/2013	3/22/2013	0	-	4/18/2013	4/18/2013	0	-		
BOD	mg/L	2/20/2013	2/26/2013	70	70	3/21/2013	3/27/2013	110	-	3/22/2013	3/29/2013	64	-	4/18/2013	4/24/2013	97	-		
Total Phenols	mg/l	2/22/2013	3/4/2013	0.04	<0.03	3/21/2013	4/1/2013	0.03	-	3/22/2013	4/1/2013	<0.03	-	4/18/2013	4/26/2013	0.07	-		
Turbidity	NTU	2/20/2013	2/21/2013	34	37	3/21/2013	3/21/2013	19	-	3/22/2013	3/22/2013	20	-	4/18/2013	4/18/2013	21	-		
Fecal Coli	CFU/100ml	2/20/2013	2/20/2013	<10	<10	3/21/2013	3/21/2013	<10	-	3/22/2013	3/22/2013	<10	-	4/18/2013	4/18/2013	<10	-	14 CFU/100ml	
3&4 methyl phenol (p-cresol)	ug/l	2/20/2013	3/9/2013	**23**	**29**	3/21/2013	3/30/2013	**15**	-	3/22/2013	3/30/2013	**15**	-	4/18/2013	4/25/2013	**29**	-	3000 ug/l (taste & odor)	29
Toluene	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/22/2013	<5	-	3/22/2013	3/26/2013	<5	-	4/18/2013	4/19/2013	1.5	-	1 mg/l (mcl)	1.5
Chloroform	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/22/2013	<5	-	3/22/2013	3/26/2013	<5	-	4/18/2013	4/19/2013	4.1	-	.075 mg/l (mcl)	4.1
Enterococci	CFU/100ml	2/20/2013	2/20/2013	459	454	3/21/2013	3/21/2013	50	-	3/22/2013	3/22/2013	171	-	4/18/2013	4/18/2013	70	-	35 CFU/100ml	459
Phenol	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/30/2013	<5	-	3/22/2013	3/30/2013	<5	-	4/18/2013	4/25/2013	8.2	-	300 ug/l	8.2
bis(2-ethylhexyl)phthalate	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/30/2013	**26**	-	3/22/2013	3/30/2013	**28**	-	4/18/2013	4/25/2013	**28**	-	No WQS	28
Oil & Grease	mg/l	2/20/2013	2/26/2013	14	14.1	3/21/2013	3/28/2013	6.1	-	3/22/2013	3/28/2013	6.6	-	4/18/2013	4/25/2013	5.8	-		

	Field blank:	Round 1	Round 2	Round 3	Round 4
	Field blank:	Total phenol(0.03mg/l), 3 and 4-methylphenol(<5ug/l)	Cu 0.0057, Zn 0.009, bis(2-Ethylhexyl)phthalate (<5ug/l), Chloroform	Cu (0.0089 mg/l), Zn (0.0057 mg/l)	Cu (0.00241 mg/l); Pb (0.000095); Zn (0.00391 mg/l)

Effluent		Values Rounded Up to Detection Limit Round 1	Round 2	Round 3	Round 4	Effluent Max	Effluent Average	Converted to Diss.	Applicable To	Effluent Max Converted to Diss.	
Aluminum	mg/L	NA	NA	NA	NA	NA	NA			NA	
Antimony	mg/L	0.001	0.001	0.0002	0.000184	0.00100	0.00060	na	na	na	
Arsenic	mg/L	0.0019	0.001	0.001	0.00176	0.00190	0.00142	0.001415	acute & chronic	0.0019	acute & chr
Beryllium	mg/L	0.001	0.001	0.001	0.000006	0.00100	0.00075			na	
Cadmium	mg/L	0.0005	0.0005	0.0005	0.000055	0.00050	0.00039	0.0003864	acute & chronic	0.0004970	acute & chr
Chromium	mg/L	0.0074	0.002	0.002	0.00162	0.00740	0.00326	na	na	na	
Copper	mg/L	0.035	0.023	0.022	0.0132	0.03500	0.02330	0.0193390	acute & chronic	0.0290500	acute & chr
Lead	mg/L	0.0054	0.0008	0.0007	0.000654	0.00540	0.00189	0.0017960	acute & chronic	0.0051354	acute & chr
Mercury	ug/l	0.018	0.013	0.022	0.0131	0.02200	0.01653	0.0140463	acute & chronic	0.0187000	acute & chr
Nickel	mg/L	0.0044	0.004	0.004	0.00382	0.00440	0.00406	0.0040145	acute & chronic	0.0043560	acute & chr
Selenium	mg/L	0.001	0.001	0.001	0.00197	0.00197	0.00124	0.00124	acute & chronic	0.00196606	acute & chr
Silver	mg/L	0.0005	0.0005	0.0005	0.000041	0.00050	0.00039	0.00033	acute	0.000425	acute
Thallium	mg/L	0.001	0.001	0.001	0.000009	0.00100	0.00075	na	na	na	
Zinc	mg/L	0.046	0.02	0.023	0.0376	0.04600	0.03165	0.02994	acute & chronic	0.043516	acute & chr
Total Hardness (as	mg/L	NA	NA	NA	NA	NA	NA			na	
										na	
										na	
N02+NO3	mg/L	0.45	0.45	0.45	0.13	0.45	0.4			na	
Cyanide Total	mg/L	0.013	0.0055	0.011	0.0035	0.013	0.00825			na	
Ammonia	mg/L	11.7	10	10	15	15	11.7			na	
Iron	mg/L	3.40	3.1	2.3	3.3	3.40	3.03	na	na	na	
chloride	mg/l	NA	NA	NA	NA	NA	#DIV/0!			na	
Salinity	PSU	1.8	1.7	1.7	1.4						
Iron Dups	mg/L	3.3	3.3	2.1	3.3						
Iron field blanks	mg/L	-	0.17	0.092							

		Round 1				Round 2				Round 3				Round 4			
	Units	Date collected	Date analyzed	Piscataqua River	Piscataqua River Duplicate	Date collected	Date analyzed	Piscataqua River	Piscataqua River Duplicate	Date collected	Date analyzed	Piscataqua River	Piscataqua River Duplicate	Date collected	Date analyzed	Piscataqua River	Piscataqua River Duplicate
Temperature	degree C	2/20/2013	2/20/2013	0.7	0.7	3/21/2013	3/21/2013	1.8	1.8	3/22/2013	3/22/2013	2.1	2.1	4/18/2013	4/18/2013	7.3	7.3
Field pH	SU	2/20/2013	2/20/2013	7.6	7.6	3/21/2013	3/21/2013	7.6	7.7	3/22/2013	3/22/2013	7.7	7.7	4/18/2013	4/18/2013	7.7	7.8
Field DO	mg/L	2/20/2013	2/20/2013	11.1	11.1	3/21/2013	3/21/2013	12	12	3/22/2013	3/22/2013	12	11.9	4/18/2013	4/18/2013	12.1	12.2
Aluminum (Not Tested)	ug/l	2/20/2013	2/20/2013	NA	NA	3/21/2013	3/21/2013	NA	NA	3/22/2013	4/14/2013	NA	NA	4/18/2013	4/18/2013	NA	NA
Antimony (Total)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	6/25/2013	0.153	0.131
Arsenic (dissolved)	ug/l	2/20/2013	3/7/2013	1.4	1.2	3/21/2013	4/14/2013	1.0	<1.0	3/22/2013	4/14/2013	<1.0	1.1	4/18/2013	5/26/2013	0.75	0.74
Beryllium (Total)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	6/19/2013	<0.058	<0.058
Cadmium (dissolved)	ug/l	2/20/2013	3/7/2013	<0.5	<0.5	3/21/2013	4/14/2013	<0.5	<0.5	3/22/2013	4/14/2013	<0.5	<0.5	4/18/2013	5/16/2013	0.044	0.047
Chromium (TOTAL)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	6/19/2013	0.81	0.69
Copper (dissolved)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	0.8	<0.5	3/22/2013	4/14/2013	<0.5	<0.5	4/18/2013	5/16/2013	0.43	0.4
Lead (dissolved)	ug/l	2/20/2013	3/7/2013	<0.5	<0.5	3/21/2013	4/14/2013	<0.5	<0.5	3/22/2013	4/14/2013	<0.5	<0.5	4/18/2013	5/16/2013	0.02	<0.02
Mercury (dissolved)	ug/l	2/20/2013	3/4/2013	<0.01	<0.01	3/21/2013	4/14/2013	<0.01	<0.01	3/22/2013	4/14/2013	<0.01	<0.01	4/18/2013	5/3/2013	0.00093	0.00189
Nickel (dissolved)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	5/16/2013	0.3	0.28
Selenium (dissolved)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	5/16/2013	0.24	0.22
Silver (dissolved)	ug/l	2/20/2013	3/7/2013	<0.5	<0.5	3/21/2013	4/14/2013	<0.5	<0.5	3/22/2013	4/14/2013	<0.5	<0.5	4/18/2013	5/16/2013	0.02	0.03
Thallium (Total)	ug/l	2/20/2013	3/7/2013	<1.0	<1.0	3/21/2013	4/14/2013	<1.0	<1.0	3/22/2013	4/14/2013	<1.0	<1.0	4/18/2013	6/25/2013	0.014	0.148
Zinc (dissolved)	ug/l	2/20/2013	3/7/2013	7.0	6.0	3/21/2013	4/14/2013	3.3	1.2	3/22/2013	4/14/2013	1.3	1.4	4/18/2013	5/26/2013	0.84	0.75
Dissolved Inorganic N	mg/L	2/20/2013	2/27/2013	0.15	0.15	3/21/2013	4/17/2013	0.08	0.08	3/22/2013	4/17/2013	0.08	0.09	4/18/2013	5/13/2013	<0.5	<0.5
Solids Suspended	mg/L	2/20/2013	3/5/2013	10	12	3/21/2013	3/25/2013	9.4		3/22/2013	3/28/2013	8.4		4/18/2013	4/25/2013	11	
Solids Dissolved	mg/L	2/20/2013	3/1/2013	28000	29000	3/21/2013	2/29/13	23000		3/22/2013	3/29/2013	23000		4/18/2013	4/30/2013	23000	
Nitrate/Nitrite-N	mg/L	2/20/2013	2/25/2013	0.15	0.15	3/21/2013	3/28/2013	0.08	0.08	3/22/2013	3/28/2013	0.08	0.09	4/18/2013	4/19/2013	<0.05	<0.05
Cyanide Total	mg/L	2/20/2013	2/28/2013	<0.005	<0.005	3/21/2013	4/14/2013	<0.0025	<0.0025	3/22/2013	3/29/2013	<0.0025	<0.0025	4/18/2013	5/1/2013	<0.0025	<0.0025
Ammonia-N	mg/L	2/20/2013	2/27/2013	<0.1	<0.1	3/21/2013	3/29/2013	<0.1	<0.1	3/22/2013	4/9/2013	<0.1	<0.1	4/18/2013	5/3/2013	<0.1	<0.1
TKN	mg/L	2/20/2013	3/12/2013	<0.5	<0.5	3/21/2013	3/29/2013	0.55	<0.5	3/22/2013	4/9/2013	0.56	0.57	4/18/2013	4/24/2013	0.61	0.53
Total Phosphorus-P	mg/L	2/20/2013	3/18/2013	0.08	0.076	3/21/2013	3/27/2013	<0.04	<0.04	3/22/2013	3/27/2013	0.052	0.056	4/18/2013	4/24/2013	<0.04	<0.04
Total Residual Chlorine	mg/L	2/20/2013	NA			3/21/2013	NA			3/22/2013	NA			4/18/2013	NA		
BOD	mg/L	2/20/2013	2/26/2013	<5	<5	3/21/2013	3/27/2013	<5		3/22/2013	3/29/2013	<5		4/18/2013	4/24/2013	<5	
Total Phenols	mg/l	2/20/2013	3/4/2013	<0.03	<0.03	3/21/2013	4/1/2013	<0.03		3/22/2013	4/1/2013	0.03		4/18/2013	4/26/2013	<0.03	
Turbidity	NTU	2/20/2013	2/21/2013	<1	<1	3/21/2013	3/21/2013	3.2		3/22/2013	3/22/2013	2.3		4/18/2013	4/18/2013	2.86	
Fecal Coli	CFU/100ml	2/20/2013	2/20/2013	15	12	3/21/2013	3/21/2013	29		3/22/2013	3/22/2013	27		4/18/2013	4/18/2013	4	
3&4 methyl phenol (p-cresol)	ug/l	2/20/2013	3/9/2013	?	<5	3/21/2013	3/30/2013	<5		3/22/2013	3/30/2013	<5		4/18/2015	4/25/2013	<5	<5
Toluene	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/22/2013	<5		3/22/2013	3/25/2013	<5		4/18/2013	4/19/2013	<1	
Chloroform	ug/l	2/20/2013	2/22/2013	<5	<5	3/21/2013	3/22/2013	<5		3/22/2013	3/25/2013	<5		4/18/2013	4/19/2013	<1	
Enterococci	CFU/100ml	2/20/2013	2/20/2013	63	77	3/21/2013	3/21/2013	4		3/22/2013	3/22/2013	5		4/18/2013	4/18/2013	8	
Phenol	ug/l	2/20/2013	3/4/2013	?	<5	3/21/2013	3/30/2013	<5		3/22/2013	3/30/2013	<5		4/18/2013	4/25/2013	<5	<5
bis(2-Ethylhexyl)phthalate	ug/l	2/20/2013	3/9/2013	?	<5	3/21/2013	3/30/2013	<5		3/22/2013	3/30/2013	<5		4/18/2013	4/25/2013	<5	<5
Oil & Grease	mg/l	2/20/2013	2/26/2013	<5	<5	3/21/2013	4/1/2013	<5		3/22/2013	3/28/2013	<5		4/18/2013	4/25/2013	<5	
Field Blank:		Cu=0.2, Fe=0.93, Zn=0.7				Zn=0.3				All metals ND				Cyanide (? ug/l); Hg (.00398 ug/l); Cd (0.023 ug/l); Cu (0.14 ug/l); Zn (0.23 ug/l);			
Notes:																	

Parameter	NH Stds Chronic/Acute or Human Health
Temperature	
Field pH	
Field DO	
Aluminum	NA
Antimony	4300 ug/L
Arsenic	0.14 ug/L
Beryllium	4.0 ug/L
Cadmium (dissolved)	9.3 ug/L
Chromium	10300 ug/L (acute)
Copper (dissolved)	3.1 ug/l
Lead (dissolved)	8.1 ug/l
Mercury (dissolved)	0.94 ug/l
Nickel (dissolved)	8.2 ug/l
Selenium	71 ug/l
Silver (dissolved)	1.9 ug/L (acute)
Thallium	6.3 ug/l (fish cons.)
Zinc (dissolved)	81 ug/l
Dissolved Inorganic N	
Solids Suspended	
Solids Dissolved	
Nitrate/Nitrite-N	10,000 ug/l (w&f)
Cyanide Total	0.001 mg/l free CN-
Ammonia-N	3.1 mg/l (pH 7.6, S 30, T 20)
TKN	Fe 0.3 mg/l (w&f)
Total Phosphorus-P	
Total Residual Chlorine	
BOD	
Total Phenols	
Turbidity	
Fecal Coli	14 CFU/100 ml
3&4 methyl phenol (p-cresol)	3,000 ug/l (taste & odor)
Toluene	1.0 mg/l (mcl)
chloroform	470 ug/l (fish only c)
Enterococci	35/104 CFU/100 ml
Phenol	5,800 ug/l (acute)
bis(2-Ethylhexyl)phthalate	5.9 ug/l (fish only c)
Iron total	300 ug/l (w & f)

		Piscataqua River Values Rounded Up to Detection Limit					
		Round 1	Round 2	Round 3	Round 4	Max	AVERAGE
Aluminum (Not Tested)	ug/l	NA	NA	NA	NA	NA	NA
Antimony (Total)	ug/l	1.0	1	1	0.153	1.00000	0.78825
Arsenic(dissolved)	ug/l	1.4	1	1	0.75	1.40000	1.03750
Beryllium (Total)	ug/l	1	1	1	0.058	1.00000	0.76450
Cadmium (diss)	ug/l	0.5	0.5	0.5	0.044	0.50000	0.38600
Chromium (Total)	ug/l	1	1	1	0.81	1.00000	0.95250
Copper (diss)	ug/l	1	0.8	0.5	0.43	1.00000	0.68250
Lead (diss)	ug/l	0.5	0.5	0.5	0.02	0.50000	0.38000
Mercury (diss)	ug/l	0.01	0.01	0.01	0.00093	0.01000	0.00773
Nickel (diss)	ug/l	1	1	1	0.3	1.00000	0.82500
Selenium (diss)	ug/l	1	1	1	0.24	1.00000	0.81000
Silver (diss)	ug/l	0.5	0.5	0.5	0.02	0.50000	0.38000
Thallium (Total)	ug/l	1	1	1	0.014	1.00000	0.75350
Zinc (diss)	ug/l	7	3.3	1.3	0.84	7.00000	3.11000
Total Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA
						0.00000	
						0.00000	
		0.15	0.08	0.08	0.05	0.15000	0.09
Cyanide Total	mg/L	0.005	0.0025	0.0025	0.0025	0.00500	0.00313
Ammonia	mg/L	0.1	0.1	0.1	0.1	0.10000	0.100
Iron	mg/L	93	150	160	791	791.00000	298.500
Nitrate/Nitrite-N	mg/L	0.15	0.08	0.08	0.05	0.15000	0.0900
Chloride	mg/L	NA	NA	NA	NA	0.00000	#DIV/0!
Salinity, PSU		29.7	23	23.6	23.7	29.70000	25.00
		93	150	160	791		
	Fe dups	110	140	160	938		

PORTSMOUTH PEIRCE ISLAND WWTF								
REASONABLE POTENTIAL FOR METALS in EFFLUENT TO EXCEED STANDARDS								
		Max Meas. Eff. (Total Metal)	Max. Eff. Converted to Dissolved	Conversion Factor Used is For:	Multiplication Factor	Max Value*Multiplication Factor	**Maximum Allowable Permit Conc**	**R.P.?**
Aluminum - Total (chronic)	mg/L	NA			NA	NA	NA	NA
Antimony - Total (f only)	mg/L	0.0010000			4.7	0.004700	28.645000	no
Arsenic - Total (f only)							Background Exceeds WQS	
Arsenic - Diss. (chronic)	mg/L	0.0019000	0.0019000	acute & chronic	4.7	0.008930	0.227880	no
Beryllium - Total (MCL)	mg/L	0.0010000			4.7	0.004700	0.025560	no
Cadmium - Diss. (chronic)	mg/L	0.0005000	0.0004970	acute & chronic	4.7	0.002336	0.061160	no
Chromium+3 - Total (acute)	mg/L	0.0074000			4.7	0.034780	68.500000	no
Copper - Diss. (chronic)	mg/L	0.0350000	0.0290500	acute & chronic	4.7	0.136535	0.034020	yes
Lead - Diss. (chronic)	mg/L	0.0054000	0.0051354	acute & chronic	4.7	0.024136	0.056340	no
Mercury - Total (f only)	mg/L	0.0000220			4.7	0.000103	0.000240	no
Mercury - Diss. (chronic)	mg/L	0.0000220	0.0000187	acute & chronic	4.7	0.000088	0.006160	no
Nickel - Diss. (chronic)	mg/L	0.0044000	0.0043560	acute & chronic	4.7	0.020473	0.053740	no
Selenium - Diss (chronic)	mg/L	0.0019700	0.0019661	acute & chronic	4.7	0.009240	0.470520	no
Silver - Diss. (acute)	mg/L	0.0005000	0.0004250	acute	4.7	0.001998	0.011790	no
Thallium - Total (f only)	mg/L	0.0010000			4.7	0.004700	0.040100	no
Zinc - Diss. (acute)	mg/L	0.0460000	0.0435160	acute & chronic	4.7	0.204525	0.530360	no
Cyanide - Total (chronic)	mg/L	0.0130000			4.7	0.061100	Background Exceeds WQS	
Iron (total) (water & fish)	mg/L	3.4000000					Background Exceeds WQS	
Ammonia (total) chronic	mg/L	30	(Includes 48 values in DMRs)		2.3	69.000000	40.312220	yes
Nitrate (w + f)	mg/L	0.45			4.7	2.115000	NA	NA
Chloride (Total) chronic	mg/L	NA			NA	NA	NA	NA