

Seekonk Reach Loads

Permit Name	Design Flow of Existing Facilities (MGD)	Summer 95-96 Monthly Ave flow (MGD)	Flow used for buildout calculation (MGD)	Recommended DIN (TN effluent limit-2 mg/l) (mg/l)	Load at 95-96 flow (lbs/day)	Load at 95-96 flow, w/atten (lbs/day)	Load at design flow (lbs/day)	Load at design flow, w.atten (lbs/day)	Load at buildout flow (lbs/day)	Load at buildout flow, w.atten (lbs/day)
UBWPAD	56	32.7	50.4	3	818	712	1401	1219	1261	1097
WOONSOCKET WWTF	16	7.37	14.4	3	184	160	400	348	360	313
NARRAGANSETT BAY COMM-BUCKLIN	31	20.95	27.9	3	524	524	776	776	698	698
ATTLEBORO	8.6	4.52	7.74	6	226	136	430	258	387	232
NORTH ATTLEBORO	4.6	2.68	4.14	6	134	80	230	138	207	124
Total (lbs/day)					1887	1613	3238	2739	2914	2465
(kg/day)					856	731	1468	1242	1321	1118
(mM/m ² /day)					6.11E+07	5.22E+07	1.05E+08	8.87E+07	9.44E+07	7.99E+07
Area of Seekonk River	2.81E+06 (m2)		Load/area	(mM/m ² /day)	21.8	18.6	37.4	31.6	33.6	28.5
					MERL Loading Condition (X)	7.6	6.5	13.0	11.0	11.7