

Table ES-3

**Stonington WPCA Facilities Plan  
Projected WPCF Influent Flows and Loads**

**Mystic WPCF**

<b>Condition</b>	<b>Flow (mgd)</b>	<b>BOD (ppd)</b>	<b>TSS (ppd)</b>	<b>NH3-N (ppd)</b>	<b>TN (ppd)</b>
Average Annual	0.702	2224	1801	175	249
Maximum Month	0.951	3724	3762	236	336
Maximum Day	1.448	5478	4467	360	512

**Borough WPCF**

<b>Condition</b>	<b>Flow (mgd)</b>	<b>BOD (ppd)</b>	<b>TSS (ppd)</b>	<b>NH3-N (ppd)</b>	<b>TN (ppd)</b>
Average Annual	0.298	516	419	66	97
Maximum Month	0.477	1109	815	130	188
Maximum Day	0.6705	1302	1017	157	230

**Pawcatuck WPCF**

<b>Condition</b>	<b>Flow (mgd)</b>	<b>BOD (ppd)</b>	<b>TSS (ppd)</b>	<b>NH3-N (ppd)</b>	<b>TN (ppd)</b>
Average Annual	0.928	1534	2174	184	290
Maximum Month	1.366	1911	3239	271	426
Maximum Day	1.801	2199	3906	357	561