

Vermont Wastewater Phosphorus Loads by Lake Segment

(metric tons/year)

Vermont Facility	Lake Segment	1991	1996	2000	2003
Benson	01 South Lake B	0.062	0.077	0.098	0.024
Castleton	01 South Lake B	0.652	0.835	0.076	0.089
Fair Haven	01 South Lake B	1.060	1.099	1.037	0.220
Poultney	01 South Lake B	0.927	1.091	1.208	0.037
West Pawlet	01 South Lake B	0.138	0.099	0.101	0.106
Orwell	02 South Lake A	0.108	0.116	0.077	0.044
Brandon	04 Otter Creek	0.658	1.114	0.713	0.161
Middlebury	04 Otter Creek	43.702	11.481	7.122	0.700
Otter Valley Union High School	04 Otter Creek	0.005	0.015	0.032	0.044
Pittsford	04 Otter Creek	0.559	0.427	0.427	0.225
Pittsford Fish Hatchery	04 Otter Creek	0.461	0.303	0.466	0.011
Proctor	04 Otter Creek	1.712	1.908	1.668	0.793
Rutland City	04 Otter Creek	15.158	1.890	2.328	2.111
Salisbury Fish Hatchery	04 Otter Creek	0.161	0.083	0.066	0.073
Shoreham	04 Otter Creek	NA	NA	NA	0.060
Vergennes	04 Otter Creek	0.451	0.128	0.115	0.212
Wallingford	04 Otter Creek	0.760	1.093	0.754	0.316
West Rutland	04 Otter Creek	0.775	0.854	0.294	0.083
Barre City	05 Main Lake	5.518	1.610	0.498	0.406
Burlington East	05 Main Lake	0.756	0.617	0.361	0.358
Burlington Electric	05 Main Lake	0.005	0.003	0.006	0.007
Burlington North	05 Main Lake	3.437	0.769	0.667	0.399
Cabot School	05 Main Lake	0.029	0.035	0.013	0.083
Essex Junction	05 Main Lake	1.602	1.359	1.989	1.411
IBM	05 Main Lake	0.703	1.937	2.150	2.615
Marshfield	05 Main Lake	0.124	0.113	0.105	0.129
Montpelier	05 Main Lake	7.113	6.560	4.609	0.852
Northfield	05 Main Lake	3.595	2.267	1.463	2.935
Plainfield	05 Main Lake	0.170	0.208	0.191	0.190
Richmond	05 Main Lake	0.701	1.581	0.219	0.343
South Burlington Airport Park	05 Main Lake	1.378	1.271	1.199	0.886
Stowe	05 Main Lake	0.045	0.082	0.137	0.063
Waterbury	05 Main Lake	1.634	2.250	2.287	1.928
Weed Fish Culture Station	05 Main Lake	0.000	0.394	0.559	0.697
Williamstown	05 Main Lake	0.267	0.409	0.508	0.407
Winooski	05 Main Lake	0.601	0.724	0.406	0.357
Hinesburg	06 Shelburne Bay	4.177	0.179	0.144	0.063
Shelburne #1	06 Shelburne Bay	0.283	0.147	0.268	0.190
Shelburne #2	06 Shelburne Bay	0.269	0.251	0.272	0.113
South Burlington Bart. Bay	06 Shelburne Bay	0.582	0.353	0.222	0.236
Burlington Main	07 Burlington Bay	11.245	2.811	2.963	2.899
Brown Ledge Camp	09 Malletts Bay	0.003	0.003	0.002	0.003
Fairfax	09 Malletts Bay	0.290	0.334	0.358	0.280
Hardwick	09 Malletts Bay	0.766	0.864	0.745	0.810
Jeffersonville	09 Malletts Bay	0.232	0.246	0.301	0.297
Johnson	09 Malletts Bay	1.063	0.163	0.063	0.055
Milton	09 Malletts Bay	0.681	0.691	0.947	0.585
Morrisville	09 Malletts Bay	0.693	0.752	0.254	0.246
Wyeth Nutritional	09 Malletts Bay	0.166	0.153	0.008	0.003
Northwest State Correctional	11 St. Albans Bay	0.004	0.008	0.004	0.006
St. Albans City	11 St. Albans Bay	0.788	0.838	1.075	1.294
Agrimark	12 Missisquoi Bay	0.935	0.000	0.000	0.000
Enosburg Falls	12 Missisquoi Bay	2.980	2.329	0.169	0.105
Newport Center	12 Missisquoi Bay	0.002	0.002	0.001	0.003
North Troy	12 Missisquoi Bay	0.230	0.146	0.038	0.183
Richford	12 Missisquoi Bay	1.382	1.019	0.883	0.814
Rock Tenn	12 Missisquoi Bay	1.389	0.656	0.255	0.180
Sheldon Springs	12 Missisquoi Bay	0.070	0.099	0.065	0.056
Swanton	12 Missisquoi Bay	2.439	0.262	0.856	0.287
Troy/Jay	12 Missisquoi Bay	0.000	0.207	0.147	0.250
Alburg	13 Isle LaMotte	0.003	0.003	0.001	0.003
TOTAL (metric tons/year)		125.70	57.31	43.99	28.34