

**Nutrient Point Sources in the Non-Tidal Passaic River Basin**  
(Based on 3 Low-Flow Composite Samples Collected in 2003)

<b>STP</b>	<b>Avg Flow (mgd)</b>	<b>Avg TP Conc. (mg/l)</b>	<b>Avg TP Load (lbs/day)</b>	<b>Avg TN Conc. (mg/l)</b>	<b>Avg TN Load (lbs/day)</b>
Parsippany-Troy	12.4	4.1	425.6	15.2	1581.1
Rockaway Valley	9.9	2.3	189.0	7.4	616.0
Wayne	7.1	2.5	148.6	16.1	958.1
Caldwell	3.5	3.1	89.6	14.6	419.7
Two Bridges	5.1	2.0	85.1	15.7	666.9
Madison Chatham	2.2	4.4	80.4	18.2	336.6
Livingston	2.1	2.4	43.6	19.5	345.0
Hanover	1.9	2.6	41.9	18.9	307.0
Verona	1.3	3.1	32.2	15.6	168.0
Cedar Grove	1.4	2.4	27.3	8.8	105.8
Morris Butterworth	2.4	1.4	27.0	7.1	142.5
Bernards	1.4	1.8	21.0	2.2	26.3
Long Hill	0.8	2.6	18.0	13.1	89.5
Florham Park	0.8	2.1	13.8	8.9	59.6
Morristown	3.0	0.4	9.8	11.3	287.8
Warren IV	0.3	2.3	6.3	20.1	52.9
Morris Woodland	1.7	0.4	5.6	14.4	204.1
Warren I-II	0.3	2.1	5.3	18.0	45.5
Warren V	0.1	3.6	4.1	22.0	25.6
Chatham Glen	0.1	3.5	3.6	17.0	17.2
Berkeley Heights	1.2	0.3	3.3	18.5	182.3
Chatham Main	0.7	0.3	1.8	20.5	118.4
Wanaque Valley	1.0	0.2	1.6	3.5	28.7
Pompton Lakes	0.9	0.2	1.4	18.4	142.2
<b>Grand Total</b>	<b>61.7</b>		<b>1285.8</b>		<b>6927.0</b>

**Nutrient Point Sources in the Non-Tidal Passaic River Basin  
(Based on 3 High-Flow Composite Samples Collected in 2003)**

<b>STP</b>	<b>Avg Flow (mgd)</b>	<b>Avg TP Conc. (mg/l)</b>	<b>Avg TP Load (lbs/day)</b>	<b>Avg TN Conc. (mg/l)</b>	<b>Avg TN Load (lbs/day)</b>
Parsippany-Troy	13.7	3.6	411.1	13.0	1471.3
Wayne	9.5	1.8	146.3	11.0	880.3
Rockaway Valley	12.6	1.1	111.2	5.7	599.1
Two Bridges	7.0	1.5	88.0	13.7	795.2
Livingston	4.3	2.0	75.0	15.2	538.6
Verona	3.5	2.4	72.0	8.0	268.7
Madison Chatham	2.9	2.7	69.1	17.6	437.7
Hanover	2.3	2.4	46.4	18.5	350.8
Cedar Grove	1.7	1.8	24.7	7.4	102.5
Caldwell	3.4	1.4	24.6	7.8	135.0
Morris Butterworth	2.6	1.1	22.0	6.9	147.9
Morristown	3.3	0.7	19.7	10.6	295.7
Long Hill	1.5	1.5	19.0	9.6	121.9
Bernards	2.4	0.7	15.6	3.0	57.7
Florham Park	1.1	1.5	13.6	7.6	65.6
Berkeley Heights	2.1	0.5	8.3	16.5	284.0
Warren IV	0.5	1.5	6.6	12.8	54.9
Morris Woodland	2.0	0.3	5.9	13.1	218.7
Warren I-II	0.4	1.9	5.8	13.6	41.6
Warren V	0.2	2.9	4.5	15.7	24.8
Chatham Glen	0.2	3.2	4.0	15.0	19.3
Chatham Main	0.8	0.4	2.7	16.8	115.2
Pompton Lakes	1.1	0.1	1.2	18.4	163.9
Wanaque Valley	1.2	0.1	1.2	3.3	32.8
<b>Grand Total</b>	<b>80.2</b>		<b>1198.5</b>		<b>7223.2</b>