



# Middle Suwannee River Nitrogen Reductions by Source

Source	Estimated Portion of Total Load (%)	Estimated Total Nitrogen Load to Groundwater (pounds of Nitrogen per year [lbs-N/yr])	Estimated Load Reduction (lbs-N/yr) [Groundwater Load – TMDL Load (x) %]
Septic systems	2 %	108,122	87,971
Urban turfgrass fertilizer	2 %	94,053	77,414
Atmospheric deposition	9 %	362,637	299,101
Farm fertilizer	57 %	2,411,145	1,984,620
Sports turfgrass fertilizer	0.1 %	2,845	2,111
Livestock waste – dairy, poultry, and other	17 % + 4 % + 9 %	1,228,219	1,062,687
WWTF	0.1 %	5,472	4,926
<b>Totals</b>	<b>100 %</b>	<b>4,212,493</b>	<b>3,518,830</b>

TMDL = Total Maximum Daily Load

**Draft April 2017**