

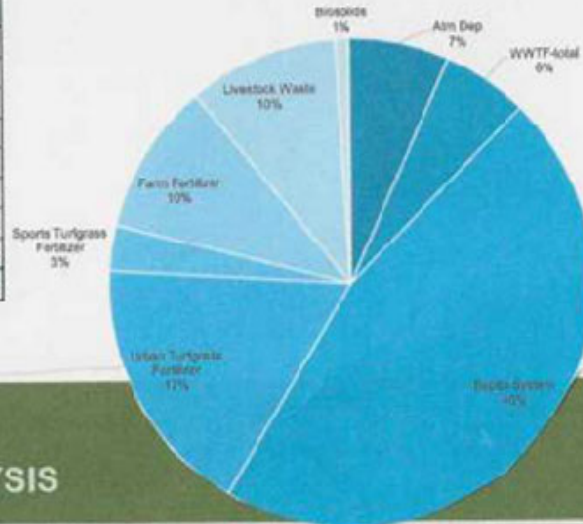


# DRAFT NSILT LOADING RESULTS

## WEEKI WACHEE

Weeki Wachee Spring Group	
Source	Annual Loading (lb-N/year)
Atmospheric Deposition	93,069
Wastewater Treatment Facilities	79,729
OSTDS	641,621
Urban Turfgrass Fertilizer	240,059
Sports Turfgrass Fertilizer	41,825
Farm Fertilizer	139,819
Livestock Waste	139,175
Biosolids	12,878
<b>Total</b>	<b>1,388,175</b>

Weeki Wachee Spring Group (2023)



# BMAP UPDATES

## SPRING VENT LOAD ANALYSIS

BMAP	Draft Nitrate Loads (lb-N/yr)			
	Total Load at Spring Vent	TMDL Load	Required Reduction	Percent Required Reduction
Crystal River / Kings Bay <sup>1</sup>	453,400	259,009	194,392	43%
Homosassa Spring Group <sup>1</sup>	271,301	94,924	176,376	65%
Chassahowitzka Spring Group <sup>1</sup>	207,128	82,543	124,585	60%
<b>Weeki Wachee Spring Group<sup>2</sup></b>	<b>308,909</b>	<b>95,265</b>	<b>213,644</b>	<b>69%</b>

Upper 95% confidence interval - nitrate data from 2012 to 2022.

<sup>1</sup> TMDL target is 0.23 mg/L

<sup>2</sup> TMDL target is 0.28 mg/L