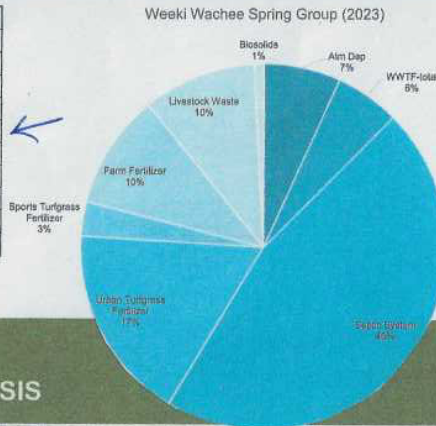




## DRAFT NSILT LOADING RESULTS WEEKI WACHEE

| 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>           |



## 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