

Lake Munson Basin Investments in Improvements and Programs

Over 28 Projects - 21 BMPs - \$290 M Investment

This document provides a summary of the past, present, and future projects and investments in the Lake Munson Basin as well as ongoing and future Best Management Practices to benefit the water quality of Lake Munson.

Capital Improvements

1. San Luis Park - Est. \$700,000 (1982)
2. Carter-Howell-Strong Pond – Est. \$2 M (1980s)
3. Jim Lee Road Facility - \$347,000 (1993)
4. **Gil Waters Park - \$350,000 (1997)**
5. **Gum Swamp Restoration - \$492,300+ (1998)**
6. Lake Elberta - \$10.55 M (2000)
7. RSF Trash Trap - \$71,090 (2001)
8. **Lake Munson Restoration - \$13.6 M (2002)**
 - a. Lake Henrietta Restoration
 - b. Munson Slough Restoration
 - c. Lake Henrietta Wetlands Restoration
 - d. Lake Munson Delta Sediment Removal
 - e. Lake Munson Wetlands Restoration
9. **Gum Creek Erosion Control - \$150,000 (2003)**
10. **Orange Avenue Facility - \$23.1 M (2006)**
11. Bond Stormwater Facility - Est \$2 M (2006)
12. Martha Wellman Facility – Est. \$13.8 M (2006)
13. **Munson Slough Stabilization - \$55,000 (2009)**
14. **Lake Munson Dam Rehabilitation - \$1.5 M (2011)**
15. Lower East Branch Trash Trap - \$207,000 (2012)
16. Capital Circle NW/SW - Est \$25.4 M (2015)
 - a. Broadmoor Stormwater Facility
 - b. Delta Stormwater Facility
17. Lakeview Bridge - \$928,000 (2017)
18. FGS Sediment Study - \$328,570 (2019)
19. Lower CDD Erosion Control - \$11.45 M (2020)
20. Country Club Creek Drainage Imp. - \$1.75 M (2020)
21. Capital Cascades Trail Seg. 1-3 - \$138 M+ (2021)
 - a. Franklin Blvd
 - b. Cascades Park
 - c. Lake Anita
 - d. Coal Chute SWMF
 - e. Tallahassee Junction

Over 21 Projects Totaling Nearly \$247 M

Planning, Design & Construction Projects

1. **Advanced Septic Tank Pilot Project - \$1.5 M (2018)**
2. **Comprehensive Wastewater Treatment Facilities Plan - \$500,000 (2019)**
3. Blueprint 3D-B RSF - Est. \$700,000+ (2021)
4. Capital Cascades Segment 4 - Est. \$20 M (2021)
5. **NE Lake Munson Septic to Sewer - \$15.6 (2022)**
6. **Septic Incentive Upgrade Program - \$2.2 M (2023)**
7. **Lake Henrietta Sediment Removal - \$2 M (2023)**

7 Ongoing Projects Totaling Over \$42.5 M

Best Management Practices (BMPs)

1. Hopkins Crossing wetland preservation
2. North Ridge Road wetland preservation
3. **EMA requires trash racks and sediment sumps on all new stormwater management facilities to protect downstream waterbodies**
4. **EMA prohibits illicit discharges (untreated water) flowing offsite from a business or residence**
5. **Special development zone regulations minimize clearing around lakes to protect vegetation**
6. **Leon County Operating Permit is required on all stormwater facilities and renewal permits are required every 3 years**
7. **Adopted State-wide model Fertilizer Ordinance with additional application restrictions to limit nutrients run-off from lawns**
8. **Lake Munson Clean-Up during drawdowns**
9. FWC Lake Munson Fish Restocking
10. **Routine maintenance of County stormwater facilities to reduce sediment downstream**
11. **Leon County Water Resources Program provides quarterly water quality sampling, public education, and annual reporting**
12. **Leon County Water Resources Website provides public with information on personal responsibility for keeping Leon County's waterbodies clean and healthy**

12 BMPs Improving Water Quality

Future Lake Management & BMPs

1. **Lake Munson Drawdowns**
 - a. 2000
 - b. 2010
 - c. 2022
2. **Water Quality sampling monthly for 3 years - \$125,000 (one time)**
3. **Aerial topographic survey - \$120,000 (one time)**
4. **Investments in upstream improvements to reduce sediment and improve water quality**
5. **Additional septic system upgrades and conversions**
6. **Reoccurring drawdowns every 5-10 years**
7. **Aquatic Vegetation Mgmt Program - \$60,000 annually**
8. **Peroxide Algae Treatment - \$30,000 annually**
9. **Continuous exploration of BMPs and funding**

9 BMPs; \$335,000 Initial Investment