

Dane County Parks Commission
Festge Park 5/22/2019
Water Related Planning/Projects Update
Pete Jopke-Water Resources Planner

Fish/Crystal/Mud Lakes:

Fish-Winter 2020 planned habitat enhancement with fish stix complexes at Lussier.

Crystal-WQ Planning meeting in January 19. WDNR, Columbia and Dane Counties discussed current watershed and lake conditions. Will move forward with determination of carp biomass effort and potential contracted removal.

Mud-Culvert breach in 2018 allowed for immigration and recruitment after Rotenone treatment. Confirmed with diver that work completed by the Lake District in June of 2018 mitigated connection. WDNR has approved budget for 2020 retreatment of Mud Lake. Total cost of \$20,000 with Dane County Parks requesting \$10,000 in 2020 capital budget. Parks has purchased aerator and line for install with donating housing unit from Cummings. Planned construction once water levels stabilize with understanding that aeration is critical component to restoration efforts.

County-Wide AIS (Aquatic Invasive Species Management):

- New AIS clean off messaging signs at County operated boat landings (Babcock, Lake Farm, Goodland). Additional installs at Fish, Indian and Fish Camp.
- Clean Boats Clean Water inspector for the summer.
- 2020 pilot contract with WDNR for LTE to assist with programmatic updates including 2009 AIS Plan, APM on Lower Yahara, I&E, biocontrol, etc.
- Aquatic Plant Management (Additional staff and equipment)

Sugar River-Falk/Wells:

- Stream and Habitat Enhancement of approximately .5 miles.
- Use of low cost onsite materials.
- Focus on non-game flora and fauna.
- Includes cooperation of DNR and USFWS.
- Majority of work done by LWRD staff including construction.
- Target date of July 1, 2019.

Yahara Chain of Lakes Carp Management Alternatives:

- Explore feasibility of targeting specific areas on the system for active or passive carp removals. Develop data needs and gaps. Potential activities may look at recruitment, migration and deploying deterrents or traps.

Beach Monitoring:

Weekly reports from MDCPH on e-coli and BG algae.
Parks guidance document on beach maintenance.

Stream Corridor Management:

Work with Parks staff in 2019 on coordination and guidance for working along county owned or eased stream corridors.