



Lake Jennie Improvement Association

Lake Jennie Improvement Project List:

January 25, 2015

Internal Water Quality and Weed Management Projects

1. Lake Weed Management – Chemical treatment (herbicides) to reduce weed infestation and improve navigability. Treatment will target areas where navigability is most needed such as the south bay and public access area. Parts of the west shoreline, north shoreline and others would also be targeted to provide improved boat access to and from homes and cabins commonly enveloped by lake weeds.
2. Water Quality Improvements - Phosphorous reduction for algae control and weed reduction. Apply chemicals such as Allum, Copper Sulfate or other treatments to be determined.
3. Carp Management Project – Carp stir up bottom sediments contributing to turbidity and increased nutrients in the water column leading to algae blooms. Construct a carp trap.
4. Sewer Inspection and Education Program – LJIA would educate home and cabin owners on the importance of properly operating sewer systems, provide a reimbursement program for sewer inspections, and facilitate access to grant dollars for sewer system improvements and/or low interest loans.
5. Shoreline Improvement Projects – Lakescaping projects to restore eroded shore lines and reduce nutrients carried into the lake by filtering direct runoff with natural plantings and buffer strips.

External Water Quality Projects

6. Settling pond in wetland feeding south inlet – Dredge an open water pond area within the existing wetland to serve as settling basin prior to entering the lake. The project would include grading of the adjacent cattle pasture area to reduce direct runoff into the wetland and inhibit cattle from the wetland. Solicit help from Ducks Unlimited for creating open water duck habitat.
7. Buffer Strips Improvements – Identify properties in the water shed that are in violation of current buffer strip laws; Educate landowners of the 50 foot minimum buffer; Assist the landowner with restoration of the buffer area and/or follow up with enforcement actions through regulatory agencies if appropriate.

Recreational Use Improvements

8. Fishing Pier Accessibility Project – The fishing pier in the south bay becomes unusable each summer due to weed infestation and seagull droppings. Eradicate weeds in the immediate vicinity of the pier for improved fish-ability and deploy gull repellent devices.
9. Boat Ramp Improvements – Dredge the ramp for improved access during seasonal shallow water conditions, extending the concrete planks into the deepened area. Consider replacing planks with a ramp design that is resistant to ice heaving.

10. South Boat Landing Area User Improvements – Provide a portable toilet for fishermen at the public pier or boaters coming or leaving the public access. Provide a trash dumpster to discourage littering the landing area or improper disposal of trash in the lake.

Fishery Improvement Projects

11. Cormorant and Pelican Management Program – Predator birds have severely impacted fish populations evidenced by DNR fish survey and stocking data. Proactive management is needed to restore fish populations and make restocking efforts more effective for the benefit of the public rather than for the birds.
12. Panfish Stocking Program – Stock sunfish and crappies in the lake to re-establish population levels.

Invasive Species Projects

13. Curly Leaf Pondweed Control – Apply herbicides specifically targeting densest areas of curly leaf. Rotate treatment locations around the lake each year.
14. Boat Launch Inspectors – Lake Jennie receives heavy fishing pressure especially in May and June. Inspectors would monitor boats and trailers to for compliance with state laws, educate boaters and guard against spread of invasive species.