



LOST LAKE RCD

LAKE
MANAGEMENT

LOST LAKE DREDGING PROJECT UPDATE • AUGUST 2020

BOTTOM LINE UP FRONT

Over the years, silt and sediment have built up on the lakebed which reduces the depth of the waterways making boating more difficult, spurs algae growth and aquatic weed infestations, and leads to poor conditions for fish.

Without thoughtful action now, our beloved Lost Lake will eventually become Lost Swamp.

WORK TO DATE

The all-volunteer RCD Board engaged **The Mapping Network** to create a "bathymetric survey" (equivalent to mapping the topography on land). With this survey, we were able to quantify in detail the problems that homeowners have experienced over the years.

Next, the RCD elected to work with **JadEco Lake and Natural Resources** to guide the development of an action plan to restore and improve the viability of Lost Lake for years to come. The firm has assisted in our lake and watershed management projects since 2006.

ACTION PLAN

While it is counterintuitive for most of us, the first stage of the planning involved land. Regardless of the method, the material from the bottom has to be transported, dewatered, and temporarily stored before eventual disposal.

Working with **Wendler Engineering**, we have identified a 22-acre RCD site for a sloped basin to store the removed silt and sediment for further processing. Temporary piping connecting the lake and the basin will be installed, at times, for maintaining Lost Lake in the future.

By knowing the capacity of the basin, we now understand how many cubic yards of material can be removed in each phase of the project. Since dredging contractors are usually paid based on cubic yards removed, this information is important in budgeting our share of the investment in maintaining a healthy lake and enhancing the value of our homes.

On July 16, 2020, the RCD Board approved an ordinance to submit the proposition of issuing bonds to cover the Phase I cost of this critically-important project (not to exceed \$948,000). You and your neighbors of the Lost Nation – New Landing River Conservancy District will vote on this proposition at the general election on November 3, 2020.

NEXT STEPS

In anticipation of a positive outcome of the vote, the RCD has engaged **Bernardi Securities** to issue bonds and to work with individual homeowners to understand the possible impact of the project on their individual property taxes.

DREDGING 101

To manage costs and protect the lake's ecosystem, the RCD and its consulting team recommend a "spot" dredging program using a hydraulic system.

Spot dredging can be beneficial in improving boat and shoreline access, clearing clogged channels and bays, creating hollows for coolwater fishes in the summer, and deeper areas for fish in the winter, and forming boat and fish "cruising lanes" through aquatic plant beds.

The dredging machinery is incorporated onto a floating hull. A cutter with steel blades dislodges the sediments, and a centrifugal pump "sucks up" the muck. This sediment/water mix (called a slurry) is piped to the disposal basin on land where the water is drained off and the sediments are left to dry.

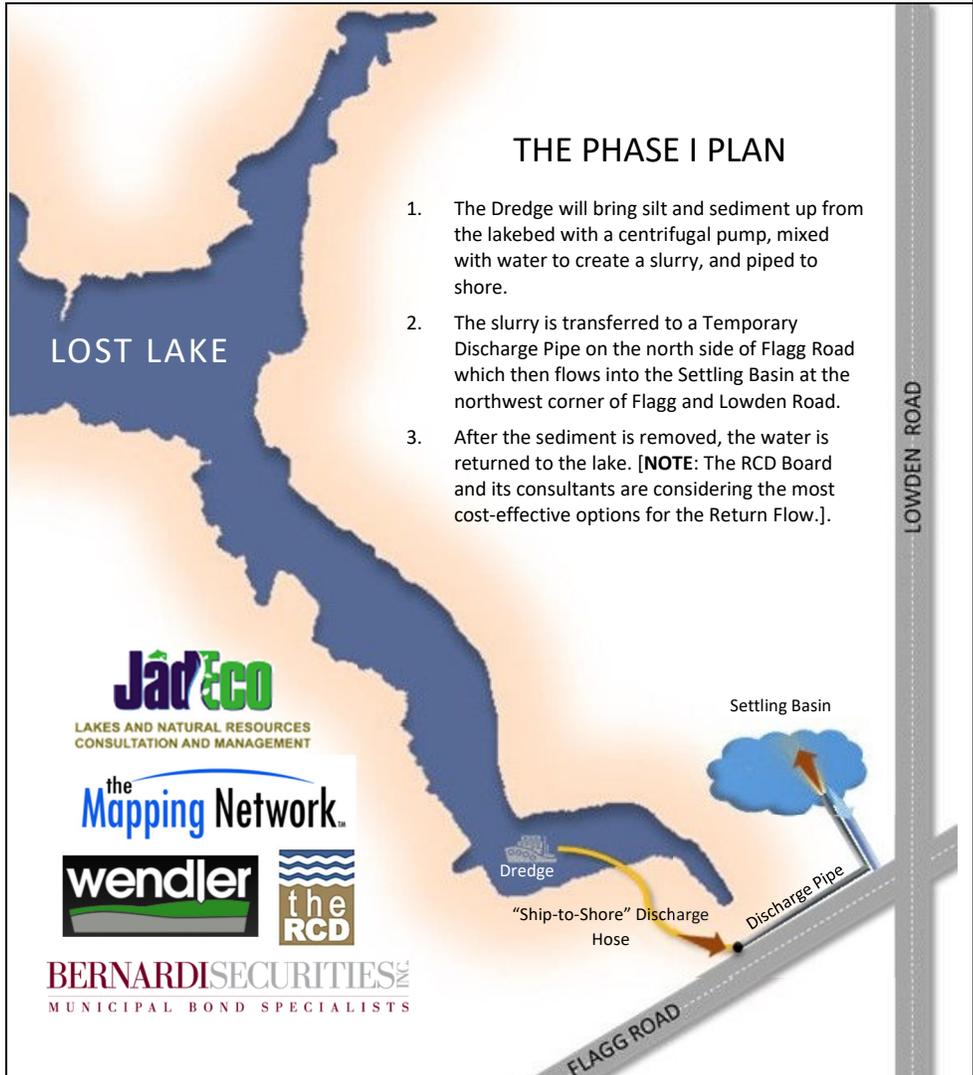
BE INFORMED/GET INVOLVED

Your input and support are needed to move forward with the Long-Range Dredging Program.

Please plan to drop into our Open House event on Saturday, September 26, 2020 anytime between 9:00 AM and 11:00 AM.

Our team will be there to provide an overview of the project, answer your questions, and address your concerns. A representative from Bernardi Securities will be on hand to answer your questions about the potential impact of the project on your tax assessments.

In addition, you are invited to provide your comments, questions, and concerns by submitting the enclosed comment form, or you may visit lostlakercd.org, call 815-652-2006, or email rebecca.miller@lostlakrcd.org. Thank you.



Formed in 1978, the Lost Lake River/New Landing Conservancy District ("The RCD") is a special district authorized under Illinois law and empowers the entity to effectuate river and flood control, drainage, irrigation, conservation, sanitation, navigation, recreation, development of water supplies, and the protection of fish life.



Lost Lake

RIVER CONSERVANCY DISTRICT

[Lost Nation/New Landing River Conservancy District of Illinois]

We would appreciate your attendance at the scheduled open-house informational meeting but recognize the schedule demands of today's families. If you are unable to attend or have any questions either before or after the meeting, this form can be used to submit comments and questions you might have.

Please visit our 2020 website page link on the project on the home page at: www.lostlakercd.org.

Your comments and understanding are an important part of this project, and you are encouraged to provide them in writing or soon after the meeting. When you have completed this form, please place it in the comment box at the front table, or fold, staple and mail this form to the addressee on the backside. To become part of the official Public Meeting Record, comments need to be received no later than September 30th. Other means of forwarding comments are as follows:

E-mail Address: rebecca.miller@lostlakercd.org

Phone: 815-652-2006

Please include your Name, address, phone, and email:

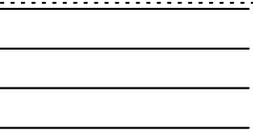
Name: _____ Address: _____

Phone: _____ Email: _____

Comments on Purpose and Need:

Additional questions or concerns:

Fold Back Second



The Lost Lake River Conservancy District
404 Lake Court
Dixon, IL 61021

Fold Back First