

**LAKE REDSTONE PROTECTION DISTRICT**  
Special Board Meeting  
Wednesday, July 18, 2018

**Minutes**

**1. Call meeting to order, verify compliance with the Open Meeting Law**

Ecklund called the meeting to order at 1 pm. He confirmed compliance with the open meeting law.

**2. Roll Call**

Present: Burke, Keegstra, Ecklund, and Choroszy. Absent: Walters, Demaskie, and Dietz. Others: Janelle Skoyen and Chris Goodwin from Ayres, Dick Fish, Brad Horner, Al Baade, Mike Mittelstadt, and Heidi Geils

**3. Approval of Agenda**

Choroszy moved approval of the agenda; Burke seconded the motion. Passed unanimously.

**4. Discussion of plans for rebidding the dredging project with Ayres representatives**

The meeting consisted of a wide-ranging discussion of several different topics. Although the discussion was not organized by topic, these minutes will summarize the discussion by topic.

*Sediment disposal sites:* Both Janelle and Chris confirmed that it would help a lot to have multiple disposal sites available, preferably with at least one on each side of the lake. Ideal disposal sites should be close to the lake, relatively flat, free of trees, and not too far above lake level. Among the criteria, being at lower elevation (closer to lake level) is probably the most important. Janelle suggested that it would be good to have multiple potential disposal sites and provide the dredging contractors some choice in which ones they would use. Choroszy reported that he and Jim Mercier went around the lake in an effort to identify possible disposal sites. They came up with four possibilities, including some lots that were for sale and could be purchased for use as disposal sites. These will be investigated further, including some sites that Choroszy will visit with Janelle and Chris after the meeting. Chris Goodwin suggested that we could perform some of our own investigation of potential disposal sites by using the DNR's surface water data viewer (<https://dnr.wi.gov/topic/surfacewater/swdv/>). We should pay special attention to wetlands and slope because disposal in wetlands is not allowed and slopes greater than 20% are not practical.

*Dewatering methods:* According to Ayres, the pumping rate is an important consideration in the selecting the dewatering method. Both Janelle and Chris are concerned that given the sediment present in our lake, dewatering would be slow in open ponds, regardless of the pumping rate. The addition of polymers can be used to increase the rate of dewatering, but they are still concerned that it could take years for sediment to dewater to the point that the land is usable. That may not be a problem if the protection district owns the land and does not need to use it immediately. But for land owners who want to use the site again the following year, it may present problems. The dewatering methods used may also depend upon the number and characteristics of the disposal sites. It may be possible to use some combination of bags and open pit dewatering. However, open pit dewatering will require more design work up front by Ayres and likely will require that bid documents specify the pumping rate, which in turn limits the flexibility for the contractors.

*Scope of project:* One way to reduce the cost of the project is to reduce the amount of sediment removed from the lake, either by reducing the depth of dredging or by dredging fewer bays. The consensus was that we should dredge to at least 5 feet, but that it may not be necessary or desirable to go to 6 feet. Reducing the number of bays was also discussed. Most felt that if this is done, it should be done in a way that lower priority bays are bid separately, thereby allowing a decision to be made after the bids are received.

*Schedule:* The consensus was that the dredging project will take several months; the exact amount of time will depend upon the size of the equipment that the contractor can bring to the project. It would be best to allow a full season (ice out to ice in) to provide flexibility to the contractors. The Ayres representatives recommended that it would be best to bid the project in the autumn or winter, when the contractors still have openings in their schedule for the coming year. However, the district will need to award a contract within 1.5 months (typical) to 3 months (maximum) of the bids being submitted. If it becomes necessary to request the bids during the summer, then it may be necessary to plan to begin the dredging in the following year (e.g. bids submitted in the summer of 2019 should be for dredging in 2020). While it may be possible to allow dredging over two years, it will likely increase the cost because of the need to mobilize the equipment twice.

*Project design:* If the district decides to divide the project into two parts, i.e. site preparation and dredging with site restoration as a separate project, then we should mandate that contractors who bid on the first project must also bid on the second project. Most felt that the simpler option would be to combine the two activities into a single project. Ayres needs information about changes to the project design, especially the location and number of potential disposal sites, in order to prepare a contract amendment. Assuming that we want to add more disposal sites, they thought it would be not be possible to perform the bidding in time to hold a district vote yet this fall.

## **5. Adjourn**

The meeting was adjourned at 2:35 pm.

**KK/July 19, 2018**