



Lake Lemon Conservancy District

To: LLCD Board of Directors
From: Bob Madden: Dredging Study Group
District Manager
Subject: Recommendations
Date: April 5, 2014

The Dredging Study Group (DSG) met on Saturday, April 5th, 2014 at the LLCD Office, and at the conclusion of this meeting, made the below recommendations for consideration by the LLCD Board of Directors at it's upcoming meeting on April 16, 2014.

- I. Small Barge Designer
 - i. The DSG discussed available vendors for barge design. The DSG reiterates their recommendation to use Carl R. Payne, Payne Excavating. The DSG has concluded that Payne with his experience on Lake Lemon and in the design/building of three previous barges used on Lake Lemon, he is the best option. At this time the DSG recommends to the Board to enter into an agreement with Carl R. Payne as a consultant for the design and construction oversight of a small barge this fall/winter 2014. Payne's fee will be 15% of final cost of barge.
- II. Bathymetry/Sediment Map
 - i. The DNR-LARE grant proposal for a sediment depth, bathymetry and volume assessment of Lake Lemon was denied because the LLCD has reached the funding cap for sediment removal projects. (see attached)
 - ii. The DSG recommends to the Board to have Management approach the CBU to cost share the expense of the study. Estimated total cost of project not to exceed \$30,000.00.
 - iii. Additionally, the DSG recommends to the Board to enter into agreements with Image Matters LLC (see attached scope of work) and ReMetrix LLC (see attached proposal) to complete the study/assessment.