

Special Meeting of the Town of Highland Lake, Alabama

The Highland Lake Town Council held a special meeting on Thursday, August 7, 2014 at the Anchor. Mayor Bailey called the meeting to order at 3:00 p.m. The purpose of the meeting was to review and discuss the results of the dredging survey performed in March 2014 by Tetra Tech, Inc.

Present: Mayor Gail Bailey
Council members Skip Davis, Shani Ort, Tim Peek. Jane Lamb arrived at 4:10 PM.
Absent: Council member Donna Hanby

Brian Watson and Nick Jokay of Tetra Tech, Inc. were also in attendance.

Tetra Tech was contracted to conduct two tasks: (1) conduct a new hydrographic survey of the Brasher Creek and Sand Creek Bays and to evaluate the sediment impacts, and (2) conduct a lake-wide hydrographic survey to create a baseline bathymetry and to locate other areas potentially impacted by sedimentation.

Mr. Watson and Mr. Jokay reviewed the results of the bathymetry data and sediment thickness collected in the Brasher Creek and Sand Creek Bays. The 2000 and 2014 bathymetry data were compared to determine how sedimentation has occurred over the 14 years since the last dredging. Both Brasher Creek and Sand Creek Bays have large areas along the shorelines that are one to four feet deeper than in the 2000 survey. These areas are assumed to have been dredged in 2000 and presently appear to have undergone little sedimentation. Both Brasher Creek and Sand Creek Bays have central areas that show 1 to 2 feet of sedimentation since 2000. The net sedimentation for Brasher Creek Bay is negative 8500 cubic yards and for Sand Creek Bay is negative 8300 cubic yards. The difference between the 2000 survey and 2014 surveys indicates that the amount of material dredged in 2000 is significantly greater than the amount of sedimentation that has taken place since. From the 2014 survey, dredgable sediment volumes were calculated in one foot depth increments for both Brasher and Sand Creek Bays.

A bathymetric survey of the entire lake was also conducted in 2014, during the same field effort as the survey of the bays. The resulting bathymetry from this survey can serve as a baseline for the state of the lake in 2014 from which future surveys can be compared to assess sedimentation issues, and also be used for other lake management needs.

Several maps were reviewed. Discussion took place.

The next step is to determine the town's goal for dredging – where, depth to dredge and disposal site. Also need to determine how to keep sediment out or slow it down.

Tetra Tech was asked to provide a quote for a dredging feasibility assessment.

Davis made a motion to adjourn. Ort seconded. All said I. Meeting adjourned at 5:00 pm.

Respectfully submitted:

Submitted 9-8-14

Approved 9-8-14

Cheryl Storey, Town Clerk

Gail S. Bailey, Mayor