

## **Siltation Committee Meeting Minutes July 16, 2018**

**Attendees:** Jim Dallmeyer (Committee Chair), Bryan Hartman, Al Henning, Dan Atherton, Tina Atherton, Carlene Adams, Gil Hennefent; Guest speakers Mark Lee, Klingner and Associates and Will Klingner, Klingner and Associates; also in attendance Patrick Fahey owner of Tract 2, 3, and 4.

**Meeting Called to Order:** Meeting is called to order by Jim Dallmeyer at 6:30 p.m.

**Approval of Agenda:** Al made the motion to approve and Gil seconded the motion. Approval of Agenda was carried unanimously by all committee members present.

**Approval of Previous Meeting Minutes:** Al made the motion to approve and Gil seconded the motion. Approval of previous meeting minutes was carried unanimously by all committee members present.

**Old Business:** None discussed

### **New Business:**

Patrick Fahey was present at the meeting to speak to the committee per Jim Dalmeyer driving onto his property and talking to his bulldozer operator about his property and taking pictures of his exposed land. Mr. Fahey posed the question to the committee "Did you (the committee) authorize Jim to trespass on my property?" Jim took full responsibility for stopping by Mr Fahey's property and inquiring as to the exposed land and possible siltation hazard that Mr Fahey's land may propose to the entrance of large amounts of silt into Little Swan Lake. Jim apologized to Mr Fahey for upsetting him and that that was not his intent. Mr. Fahey became angry and stated that he has now installed "No Trespassing" signs on his property and will be contacting his lawyer to pursue Jim for going on his property to take pictures of his exposed land. Gil Hennefent also apologized to Mr. Fahey stating that the committee's intent is to have a good working relationship with Mr. Fahey and hopes that both Mr. Fahey and the committee will be able to move forward from this incident. Mr. Fahey agrees that he believes both parties will be able to build a better relationship in time. Mr. Fahey then left the meeting.

Gil Hennefent plans to contact Mr. Fahey in the future and discuss relationship building.

Committee members present agree that contact with Mr. Fahey's property should be avoided.

Klingner presentation was then provided by Mark Lee and Will Klingner per update on dam inspection and preliminary results of silt assessment. Dam inspection revealed 4 primary areas of concern which were as follows: uncontrolled seepage issues at toe of Dam where relief wells may be clogged causing future degradation of dam over time, removal of vegetation that has grown up near the dam, sluice gate does not close all the way which if it breaks could drain the lake, and boats parked in emergency spillway. Remediation would be to hire an industrial sewer company to clean out drains, clear vegetation, deny boats to be parked in emergency spillway area and to repair gate. The committee inquired about protocol for lowering water level in an emergency. Will is to provide guidance on the Lake Community adopting official policy per

lowering of water levels in an emergency. Policy is recommended to meet IDNR standards. Will states that the Lake Community should perform yearly inspections and have professional engineer inspect every 5 years. It was also stated by Jim that the dam is not registered with the state. Will recommends following state guidelines with dam inspection even though dam is not registered with the state.

Jim is to make contact with Joe Russell about areas of possible dam remediation and to discuss development of OEM manual to establish annual inspection guidelines which would meet IDNR standards.

Will then moved forward with presentation of preliminary results of soil erosion maps and soil loss. Will states that the lake community watershed soil loss averages approximately .5 tons per acre per year which is below the national average of 1.5 tons per acre per year. Will presented information per bathymetric surveys by analysis of 3 data sources from prior bathymetric studies of LSL lake in 2003, 2011, and the Klingner bathymetric study in 2018. Results indicated that the silt currently in the lake is migrating from the upper portion of the lake to the lower portion of the lake. The record rainfall event in 2009 when the back nine portion of the golf course was being constructed provided a surplus of 6 inches of rain in 24 hours which placed an estimated 970 tons of sediment into the lake. Since 2011 the silt entering into the lake has returned to its pre 2009 normal rate of .5 tons per acre per year.

Will also presented potential funding streams and potential stakeholder list for committee members to read. Klingner's final report will be presented at a future meeting to be determined as well as a shortened version of his final presentation at the Annual lake community meeting on October 28, 2018. Klingner presentation ended and both Will and Mark left the meeting.

**Future siltation committee meeting dates are as follows:** August 20<sup>th</sup> and September 17<sup>th</sup>.