

Colon Township Lake Advisory Committee—Meeting Minutes April 9, 2022

Call to Order: Chairman, Tim Taylor, called meeting to order at 9:04 A.M.

Roll Call:

Lake Board Members Present: Jim Borgert, Ed Bell, Jim Crawford, Tom Tenney

Advisory Committee Members Present: Phil Camper, Royal Gentz, Tim Taylor

Advisory Committee Members Absent: Stan Charles, Gerry Costello, Gib Leroque, Don Schneitter

Other: Paul Hausler (Progressive AE), Andy Tomaszewski (PLM)

1. **Approval of minutes – 9/11/21:** J. Borgert moved to approve the minutes.

Second E. Bell

Motion carried

2. **Lake conditions:**

A. **Water clarity:** E. Bell reported that he had approximately 4' when putting his dock post in. No other readings.

B. **Stump/log issues:** A lift that was not removed from Palmer Lake is now residing in front of J. Crawford's dock.

C. **Feedback for the Lake Board:** Some residents were concerned about No Wake Buoys in the south channel near Long Lake bridge. J. Borgert reported that there are two buoys down there plus the sign on the bridge. T. Tenney reported that there is a large limb in the middle of the channel north of the Decker bridge.

3. **Fishing report:** Nothing at this time. J. Borgert reported the over the winter was not good.

4. **PLM:** A. Tomaszewski handed out the Lake Check Water Quality Monitoring Report from 2021. PLM took two water quality samples on 4/6/21 & 9/7/21.

Palmer Lake:	4/6/21	Total Phosphorus 27 ug/L	moderately enriched
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	9/7/21	Total Phosphorus 16 ug/L	moderately enriched
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Long Lake:	4/6/21	Total Phosphorus 29 ug/L	moderately enriched
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	9/7/21	Total Phosphorus 10 ug/L	moderately enriched
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Palmer Lake:	4/6/21	Nitrates 1100 ug/L	moderately enriched
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	9/7/21	Nitrates 230 ug/L	not enriched
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Long Lake:	4/6/21	Nitrates 1420 ug/L	enriched
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	9/7/21	Nitrates 230 ug/L	not enriched
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Higher rates attributed to rains and runoff in Spring. Overall numbers are not bad in comparison to other lakes.

Results from creeks: Three samples were taken on each creek (April 9th, July 10th, August 26th). Average total phosphorus Swan Creek 29 ug/L. Average total

nitrate Swan Creek 1396 ug/L. Average total phosphorus Little Swan Creek 20 ug/L. Average total nitrate Little Swan Creek 1183 ug/L.

Results E. coli: Long Lake numbers were low. Palmer Lake, channel & Little Swan Creek moderate to high. T. Tenney reported on E. coli testing from August thru October and Ad hoc meeting on 1/27/22 with J Borgert, E. Bell, T. Tenney & Lee Zimmerman (Branch/Hillsdale/St. Joseph Health Department). Ad hoc meeting was to determine sampling, locations (10 sites) & procedures for 2022. Discussion: J. Crawford questioned cost. Cost, at the Three Rivers Lab, is \$30 per sample, \$300.00 per 10 sites per month. Total cost could fluctuate depending on number of sites sampled, number of dates sampled & sample results. Motion: J. Crawford moved to recommend to the Lake Board that we continue the sampling of Palmer Lake & Little Swan Creek for E. coli as described in the proposal read by T. Tenney. Second, T. Taylor. Motion carried.

5. **Progressive AE:** Paul Hausler is replacing T. Groves as project manager in working with the Lake Board. He gave members a copy of the new contract, which was presented at the 9/11/21 meeting. The contract was not ratified at the 9/11/21 meeting because of a lack of a quorum. Motion: J. Crawford moved to recommend to the Lake Board that we accept the contract with Progressive AE. Second, T. Taylor. Motion carried.
6. **Phoslock report:** A. Tomaszewski gave brief history of algae issue & treatments. He discussed Phoslock, which is a Lanthanum/Bentonite (Bentonite – an absorbent swelling clay). Phoslock would be applied five times from May to August in the inlet areas of Long Lake; mouth of Swan Creek & inlet channel from Lepley Lake. Rate would be 2,000 lbs. per treatment. Total cost, which includes 10,000 lbs. of Phoslock and monitoring, \$59,000. (\$56,000 Phoslock & \$2,500 monitoring)

T. Tenney moved to adjourn the meeting. Second, J. Crawford. Motion carried.
Meeting adjourned at 10:06

Respectfully submitted
Tom Tenney