

The meeting was held at the Silvercryst Restaurant, Saturday August 24th, 2019. Board members in attendance were: Ed Kissinger (President); Mike Ruhland (Vice President); Barb Bartel (Secretary/Treasurer); Ross Peterson; Mark Magnusson; Pat Krier (Town of Marion representative). Mike Kapp, Waushara County representative was absent. Chairman Ed Kissinger called the meeting to order at 9:00 am with the Pledge of Allegiance. Approximately 110 people were in attendance.

Motion made by Kissinger to waive reading of the May minutes. Jim Schroeder approved the motion, seconded by Bob Wendell. Unanimously approved to waive reading of the minutes.

Secretary and Treasurers report. Barb Bartel presented the treasurer's report. CD from hometown bank came due on 8/13/2019. Funds were transferred to Silver Lake Management Districts account in the Local Government Investment Pool (LGIP) which is drawing 2.38% interest.

Annual Financial Audit. Kissinger stated the districts books were audited on 8/8 by Judy Puls, Jim Schroeder, and Woody Woodruff. Accounting books were found in order and the last financial statement for the 2018 fiscal year was approved. Kissinger thanked the audit committee for their work.

AIS Activities and DASH

- 1) Mike Ruhland presented on the results of Diver Assisted Suction Harvesting (DASH) for Eurasian Hybrid Milfoil (EWM)
 - a) District will spend \$102K for 8 weeks of DASH from Aquatic Plant Management (APM).
 - b) District obtained a 4-year grant from Wisconsin DNR of \$124K
 - c) APM focused DASH on
 - i) 37 areas on main lake from Onterra Point Intercept Survey (PIS)
 - ii) Foxtail Bay
 - d) 8 weeks of DASH performed by APM:
 - i) 2 boats, 2 weeks in June.
 - ii) 1 boat, 2 weeks in July.
 - iii) 1 boat 2 weeks in August.
 - e) Mike noted he knows of 3 areas on the lake which receive wind driven EWM shards. If anyone knows of other areas, please inform Mike.
 - f) APM focuses on areas 5 feet and deeper. 5 feet and less is the homeowner's responsibility for removing Eurasian Milfoil.
- 2) 2020 potential treatment with point herbicide, Procella-cor in Fox Tail Bay
 - a) Point impact herbicide, chemical does not have to maintain long contact exposure with EWM.
 - b) Bughs Lake was treated this year for EWM with Procella-cor.
 - i) Results are not up to par. New plant growth emerged from dead strands of EWM.
 - ii) SePRO (Manufacturer) is working with Bughs Lake Management District to determine why Procella-cor is not as effective as in other lakes treated with the chemical
- 3) Kissinger and Ruhland added we have a dump truck full or 20 cubic yard dumpster equivalent of Hybrid Eurasian Milfoil removed from the lake in the Marion town dump compost pile.

Wautoma 7th grade science Aquatic Invasive Species tour report (Magnusson)

- 4) (not reviewed in the meeting, everything is on track).
 - a) Date: Thursday September 12th, rain date Friday 13th.
 - b) Pontoon boat volunteers:
 - i) Jim Schroeder.
 - ii) Bob Bandt.
 - iii) Ross Peterson.
 - c) Biologists:
 - i) Patrick Nehring (UW Extension, clean lakes program for Waushara County).
 - ii) Chris Hamerla (Golden Sands RCD).
 - iii) Chris Kolasinski (Wisconsin DNR).
 - d) Many thanks to all the above volunteers for this worthy educational event.

Clean Boat Clean Waters report (Magnusson)

- 5) Clean Boat Clean Waters program (Magnusson)
 - a) Program runs from Memorial to Labor Day.
 - b) District receives a grant from Wisconsin DNR for CBCW
 - i) 75/25% cost share
 - ii) District impact is \$1700
 - (1) \$1200 for 25% cost share
 - (2) \$500 fee for Golden Sands RCD providing staff inspectors, training, payroll, materials (not grant eligible for reimbursement)
 - c) 177 boats inspected as of 8/22.
 - i) Traffic at Hwy 21 & 73 landing slower than usual due to SLOW NO WAKE (SNW) conditions on the lake.
 - ii) Prior years, 225 boats inspected same period.
 - iii) Although down only 50 boats, schedule was adjusted to Friday, Sat, and Tuesdays. We have 2 fishing clubs on the lake, alternating Tuesdays. The same 15 boats from each club were inspected every Tuesday.
 - d) Kissinger made a motion for a resolution to continue the CBCW inspection May through September 2020.
 - i) This allows the district to apply for a 2020 Wisconsin CBCW DNR.
 - ii) Motion approved by Linda Palmer.
 - iii) Motion seconded by Jim Schroeder.
 - iv) Motion unanimously approved.

Town of Marion report (Pat Krier)

- 6) Marion township from Pat Krier
 - a) Pat stated on the July 11th, Town of Marion board meeting
 - i) A motion was made by Chairman Walejko to put Ordinance 2019-1 pertaining to Slow-No-Wake due to Emergency High Water into effect on Silver Lake and Little Hills Lake until December 31, 2019. All were in favor and the motion carried.

- ii) Irogami Lake declined to put Ordinance 2019-1 into effect, remaining open for full recreation water sports.
- b) Pat stated the Town of Marion board usually agrees with what the Lake Management district desires or proposes.
- c) Pat also stated the water patrol has also been patrolling Little Hills (Slow, no wake) and Irogami this season.
- d) Audience inquired Water Patrol ceases on Labor Day how is slow no wake enforced.
 - i) Ruhland stated owners can Police like Ed Terbell has done.
 - ii) Kissinger stated the Sherriff's office can be called also. Be sure to provide the violating boat registration numbers.

Waushara County report (Mike Kapp)

- 7) No Waushara county report was presented since Mike Kapp was absent.
 - a) Kissinger stated he did not receive a call from Mike stating he would not be at the 8/24 annual meeting.

High Water report (Magnusson)

- 8) High Water presentation recap report (Magnusson)
 - a) Refer to first slide of handout. An Acrobat PDF is available on the Silver Lake Management District page of the Town of Marion web site. Ed Kissinger sent an email with the link to the presentation after the 08/24/2019 meeting.
 - i) 1850's Silver and Irogami lake separated by a sandbar
 - ii) Early 1900's, sandbar filed in to create a Horse/carriage route into Wautoma
 - iii) Mid to late 1930's the eastern shore of Irogami had fill placed with the long-term idea of developing lake lots. This impeded the natural flow of water to the east into the marshes and creeks.
 - iv) Hwy 21 (Late 1920's finalized E-W across state route in 1947), original 48" culvert had water flow between the 2 lakes except in times of drought or low water levels (i.e 1970)
 - (1) Ladder board/log dam was utilized on the Irogami side to keep their lake level higher.
 - (2) 1953 WI DNR requested Lake Irogami remove the ladder board dam to facilitate fish movement between the 2 lakes during fish spawning season.
 - b) 1989 Hwy 21 rebuild project set new culvert at Ordinary High-Water Mark (OHW) of Silver and Irogami lakes (Slide 3)
 - c) In 1993, Federal Emergency Management Agency (FEMA), created the Weir on east end of Irogami to alleviate record water levels and allow water to flow into the marshes and ultimately flow into Bruce and Thorstead creek.
 - d) Silver Lake is part of the Lake Poygan watershed. Flow from Bruce/Thorstead creek ultimately terminates in Fox river system (Winnebago, Poygan, Butte de More) and ends up in Green Bay/Lake Michigan.
- 9) Irogami Weir into Thorstead/Lake Alpine/Bruce Creek
 - a) Weir jet cleaned in April
 - i) Flow prior to jet cleaning 3.4 cubic feet per second (CFS).
 - ii) Flow after, 4.67 CFS (Displacing 210Mgals of water equates to 64 days)
 - b) Water was backing up in the marsh prior to entering creek.

- c) WI DNR permitted 2 additional 18 culverts to be installed under 20th Avenue, for a total of 3-18” culverts. Town of Marion completed the work in April
 - d) To drain one (1) foot of water from 645 acres (370-Silver, 275-Irogami) equates to 210 Mgals, would take 32 days @ 10 CFS (~4500 GPM).
 - e) Silver Lake Sanitary District is permitted under 1994 court order to flow 10 CFS into Bruce/Thorstead creek.
- 10) Silver Lake Sanitary District pursued an upgrade/maintenance project to the weir in March 2019 with Wisconsin DNR.
- a) DNR treated as a new construction project. Wisconsin DNR had nothing on file from 1994 court order granting SLSD operation of the weir.
 - b) At least 3 meetings and much correspondence April to July 2019 with DNR to finalize what SLSD had to submit with Stantec Engineering for review and approval. Information to be provided for permit
 - i) As built drawings (existing) with elevations.
 - ii) Proposed construction drawings (improvement/replacement).
 - iii) Theoretical water flow calculations, 5-6 sample conditions.
 - iv) Operation plan which includes:
 - (1) Procedure on how flow is measured.
 - (2) How water flow is calculated.
 - (3) Table of observed values:
 - (a) Slide gate position.
 - (b) Date/time.
 - (c) Amount of head over the weir.
 - (d) Outlet height (from bottom of culvert)
 - (e) Operation plan to be maintained on file at Silver Lake Sanitary District offices.
 - v) As built and improved drawing with elevations.
 - c) Don Maes (SLSD Chairman) mentioned the DNR issued the permit on 8/21.
 - i) Construction slated to start 8/26
 - ii) New Weir operational on 8/30.
 - iii) Don thanked the various groups participating, Silver and Bugh Lake Management District for moving this project forward.
 - d) Audience inquired on the Weir lease and easement
 - i) Maes replied SLSD has a 10-year easement, renewable after 6 years. This easement terminates in 2027.
 - ii) SLSD pays property owner Mark Lemke, \$1500/year for easement access.
 - iii) Maes and Kissinger both stated Weir is on private property, please don't trespass to see the weir. Only SLSD employees have access on the easement to operate the weir.

High Water Resolution Alternatives

- 11) Kissinger presented proposals from Stantec for removing water from Silver Lake, independent of the weir.
- a) When OHWM is reached, Weir stops flowing. Silver Lake is at OHWM of 867.
 - b) 2 proposals

- i) Force main route north of Hwy 21 into Thorstead/Bruce creek, temporary pump station. Can't exceed 10 CFS, would only be applicable to use when Weir stops flow and OHWM of Silver and Irogami are reached.
 - ii) Hwy 73 landing, 4 shallow irrigation wells into force main. Discharge into White River watershed. Cannot pump lake water directly since Silver Lake has zebra mussel's invasive species.
 - c) Both options, \$2-3 M estimate. Equating to approximately \$8,000 per property owner.
 - d) Randy Kons took the floor and stated
 - i) Has been a lake resident for 60 years
 - ii) Farmers have not irrigated this year due to rain. Once High Capacity irrigation wells start irrigating, ground water will drop
 - iii) Ground water level is cyclical. Water will drop. Do we need an alternative other than the weir?
 - e) Kissinger stated 8/18 county elevation reading was 868.5, 18" over 867.0 OHWM. Water level has dropped 4-5" over last 2 weeks.
- 12) Kissinger introduced resolution for the district to spend up to \$100K to further investigate alternatives to remove water from Silver Lake.
- a) Funds are to be used for further investigation.
 - b) Ed Terbell stated capital improvements should be a vote by each property owner.
 - c) Kissinger replied that this money is to further investigate what capital improvement projects may be feasible along with the associated cost impact.
 - i) 2020 annual meeting would be a vote on if and when a long-term drainage project should take effect.
 - ii) Ed Terbell stated again, capital improvements should be a vote of all property owners.
 - iii) Kissinger replied, the bylaws state the annual meeting is the vehicle for approving large projects.
- 13) Ed Terbell would like to limit the resolution to \$50K
- 14) Kissinger stated shoreline damage introduces phosphorous and promotes weed growth and negates our AIS management.
- a) Janet Liska asked if there are formal statistics on this.
 - b) Kissinger replied he had his lawn soil tested a few years back and phosphorous was 100x the accepted limit. Kissinger does not fertilize his lawn.
- 15) Peterson statements on Slow No Wake:
- a) Slow, No wake (SNW) has impacted area businesses.
 - b) Peterson inquired to James Heck (Silvercryst) on how much impact. Generally business owners report about 10+% down.
 - c) Peterson also stated First Weber has informed all agents, Silver Lake is Slow no wake and no guarantee when lake returns to a full recreation status.
 - i) Stated so not to mis-represent real estate sales.
 - ii) Property values will decline if SNW is maintained and Silver Lake is not a full recreation lake.
 - iii) Need to move in the direction where Silver Lake is back to a full rec lake.
 - d) Kissinger stated we cannot go Slow-No-Wake next year.
- 16) Linda Glenn inquired on alternate drainage areas. i.e. Retention Ponds like by the Fox tail Bay landing to keep surface runoff from the lake.

- a) Investigation into alternatives should include areas like
 - i) Waushara county drainage district.
 - ii) Surface water retention ponds
 - iii) Alternate more economically feasible routes for removing water.
- b) Linda Glenn stated:
 - i) Board has done an amazing job managing our district's funds and I propose we authorize the resolution.
 - ii) Don Maes stated
 - (1) Typically, these studies range 20-25K
 - (2) Kissinger replied resolution is up to \$100K, not implying the district will spend all that, or start a major capital project without a vote.
- 17) Action item from the Audience for board members to review the existing district bylaws and provide comments to discuss at the October board meeting.
- 18) Ruhland asked the audience to share with the board any money spent to mitigate high water issues. Issues could include:
 - a) Any financial impact from owners, water removal and repair.
 - b) Damage to boat houses.
 - c) Rental Income.
 - d) Business slow down impact from no wake.
 - e) Damage to boat houses.
- 19) Kissinger stated a drainage alternative is a 2-3-year effort.
 - a) Needs political support.
 - b) Engage Bob Welch former senator.
- 20) Judy Puls motioned to approve the resolution.
 - a) Seconded by Linda Glenn.
 - b) Resolution approved with a voice vote on the floor.

Silver Lake Management District 2020 Budget

- 21) Discuss and approve Budget for 2020
 - a) Kissinger stated 2020 budget is on the back of Agenda.
 - b) Ruhland stated we have a 3-year \$124K grant for AIS management from WI DNR which contributes to the health of our budget.
 - i) Grant competition is fierce.
 - ii) A lot of districts competing for same pool of money.
 - iii) District is not guaranteed a grant next submission cycle.
 - c) New Item added \$4K for fisheries stock (Nick Thomas and formation of Silver Lake Fishing Club.
 - i) Mike Ruhland will spearhead formation of the club supported by the District.
 - ii) Kim Duvernell, Mark Magnusson are interested in the Fishing club. Persons interested in joining the fishing club should contact Nick Thomas.
 - d) Kissinger made a motion to approve the Budget.
 - i) Bob Merriam, initial motion.
 - ii) Seconded by Wayne Hoffman.
 - iii) Budget Motion unanimously approved.

General membership comments.

22) Comments from the audience/membership.

- a) De-Icers
 - i) Peterson (Ross/Board member) stated De-icers by Hwy 21/73 landing met WI DNR statue requirements
 - ii) Kissinger stated SLMD does not have a position either for/against de-icers.
 - iii) Statue states Lighted sign 60 feet and visible from all sides otherwise barricaded off, with a 2-foot high barrier.
 - iv) Kissinger and Peterson stated statue is very clear, either one or the other both are not required.
 - v) Peterson replied, this year, the timing and running of the property owners de-icers will be varied so the landing can remain open for ice fisherman (i.e. froze over enough for vehicle/ATV traffic. Last winter the de-icers ran constantly.
 - vi) Jim Schroeder commented 2 snowmobilers went through the ice into the water by the landing last year.

23) Mike Ruhland gave a shout out to Jim and Penny Davis for recommending the firm Outdoor Impact (from Green Lake) Landscaping and Shoreline Solutions.

- a) Outdoor Impact has done a number of shoreline restorations with riprap on the lake.
- b) Silver Lake Management District Web Site on the town of Marion web site has the Outdoor Impact contact information posted.

24) Peterson stated the board always has healthy discussion on the issues and is not always in total agreement. The board looks to support the majority position of the owners and maintain the health and beauty of Silver Lake.

25) Audience raised the question when we go back to full rec lake can we have Skiing on Sat, Sun and Holidays 10-6 and no wake for the remainder time period on Sat, Sun, and Holidays?

- a) Kissinger replied start a petition and obtain 50% of the owners' signatures.
- b) Comparable to the Speed Bumps on Chicago Point road where over 90% signatures obtained.

2020 Silver Lake Rummage Sale Date

26) Kissinger stated we need to set the 2020 rummage sale date.

- a) Discussion on date 6/19-20.
- b) Kathy Magnusson replied that is Father's Day weekend. Usually rummage sale is the weekend before.
- c) Set Rummage sale date Friday June 12th and Saturday June 13th.
- d) Motion made by Linda Glenn to set 6/12-13 as the date.
- e) Motion seconded by Christopher Runnalls.
- f) Rummage sale motion unanimously approved

Next Annual Meeting.

27) Set the next annual meeting.

- a) Kissinger discussed setting the next annual meeting August 29th, 2020 9am at Silvercryst
- b) Motion by Christopher Runnalls to approve.
- c) Motion seconded by Bob Glenn.
- d) Annual meeting motion unanimously approved.

Election of 1 commissioner.

28) Nomination of Ross Peterson (term is expired)

- a) Motion made to nominate Ross Peterson for another term by Chuck Reuter.
- b) Seconded by Don Maes
- c) Ross Peterson unanimously approved for another commissioner term.

Meeting close (at approximately 10:40 am)

29) Motion made to adjourn by Christopher Runnalls.

- a) Seconded by Linda Glenn.
- b) Adjournment unanimously approved.

Post Meeting.

30) District Board meeting

- a) Officers, keep the same
 - i) Ed Kissinger President.
 - ii) Mike Ruhland, Vice president.
 - iii) Barb Bartel, Secretary/treasurer
 - iv) Motion carried.
- b) Set Oct board meeting.
 - i) Tuesday 10/1 9am at Ed Kissinger's.
 - (1) Agenda:
 - (a) Review comment on bylaws.
 - (b) AIS tour post results.
 - (c) Potential web site for the district.
 - ii) Ed will inform Mike Kapp and Pat Krier.
- c) Set other 2020 meeting dates.
 - i) Feb 8th 9:00 am Town of Marion town hall.
 - ii) Saturday, May 23rd, Redigeer's Triangle, 9:00 AM.

(Rev 1.06 9/4/19)