

# Twin Lakes Protection & Rehabilitation District

## Steering Council

### 04-25-09 Minutes

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**Called to Order:** 09:05 AM by Bob Livingston, Chair

**Members Attending:** Bob Livingston (Chair), Bill Hass (Water Safety), Bryan Neal (Fishing), Jamie Smith (Shoreline), Pam Becker (Communication: substituting for Joey Bergeron), Vytai Barcus (Storm water).

**Members Not Present:** Tony Migon (Aquatic Plants, out of town)

**Others in Attendance:** Tom Calkins (Communication) and Barb Calkins (Shoreline), Linda Smith. Guest: Vincent Moska, Hey & Associates, Volo, IL. (Water Resources, Wetland and Ecology Consultant)

#### **Motions:**

- 1) To approve Minutes 9/25/2008 made by Bill Hass, seconded Vytai Barcus, and unanimously carried.
- 2) To approve purchase of 12 Watershed signs as presented from Badger Land at a cost about \$89 each plus tax and the purchase of posts not to exceed \$2000 and the Village Public Works to install posts and signs not to exceed \$4,000. Signs are to be placed at various locations around the Twin Lakes. Motion by Vytai Barcus, seconded Pam Becker by unanimously carried.
- 3) To approve the purchase 500 glue downs for Twin Lake's storm water covers, motion by Vytai Barcus, seconded by Jamie Smith and unanimously carried.
- 4) To approve pilot project and test of 10 storm drain locations with smart sponge technology in downtown village locations not to exceed \$30,000. Motion made by Vytai Barcus, seconded by Pam Becker, unanimously carried.
- 5) To approve a succession plan for cross training of village employees and other Lake District volunteers (Scott Schulda) on use and maintenance of buoy boat should start this year when buoys are put in. Each volunteer must sign an appropriate waiver. Motion made by Bill Hass, seconded by Bryan Neal, unanimously carried.
- 6) To approved to copy and circulate the 2005 Comprehensive Recreational Management Plan-Phase One – draft 3 and approved as a Guideline by the Village Board on July 18<sup>th</sup> 2005 to all Lake District Committee members for committee review and updating in 2009 and that it be included as an addendum to the Lake Management Plan final draft of SEWRPC. Motion by Bill Hass, seconded by Pam Becker, unanimously carried.
- 7) To approve signage for Twin Lakes Channel on Lake Elizabeth side stating "Caution Submerged Spillway" not to exceed \$500.00 upon approval of homeowners. Made by Pam Becker, seconded by Vytai Barcus, motion carried.
- 8) To allow Aquatic Committee to decide if and when to test the Weevils within current budget. Motion made by Pam Becker seconded by Vytai Barcus, unanimously carried.
- 9) To approve purchase of milfoil treatment signs not to exceed \$2000. Motion made by Pam Becker, seconded by Vytai Barcus, unanimously carried.
- 10) To recommend and support recommendation of Park Board to limit Musial Boat Launch as non-motorized, carry-in-only boat launch and Lake District pay up to \$3000 for baluster, fencing and signage to permit construction of non-motorized Carry-in Site not as soon as possible. Baluster key to police and fire only with access permitted to ice in winter. Motion made by Bryan Neal, seconded by Jamie Smith, unanimously carried.
- 11) To approve an amount not to exceed \$2000 for Annual Lake District signs. Motion made by Jamie Smith and seconded by Bryan Neal, unanimously carried.
- 12) To approve that SEWRPC include all referenced documents and the parcel numbers of habitable properties within the 100 year flood plane in the final copy of the Lake Management Plan. Motion made by Bob Livingston, and seconded by Bryan Neal, unanimously carried.

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- 13) To approve up to expenditure of \$1500 for improvement and maintenance of Lance Park Rain Gardens for 3 years. Motion made by Jamie Smith, seconded by Bryan Neal, unanimously carried.
- 14) To adjourn made by Bill Hass, seconded by Bryan Neal, motion unanimously carried.

Bob Livingston introduced Mr. Vincent Moska, Hey & Associates, Volo, IL. Water Resources, Wetland and Ecology Consultants.

#### Notes:

- Mr. Moska attended the SEWRPC Presentation and Public Meeting.
- Spillway is the current big issue. We are unique because the lakes are both in Wisconsin and Illinois with the dam in Illinois. McHenry County issues add complexity. Ultimately we will be able to get permits. The State of Illinois cannot deny a permit as long as their criteria are met. However, this is a priority area for McHenry County and they will watch us like hawks. Mr. Moska Believes the biggest issues for McHenry County/Illinois will be the deconstruction and reconstruction of the dam/spillway.
- Mr. Moska reviewed internet (SEWRPC Report) and the Lake Levels Management Goals and Policy was indicative of current situation with Tom Porps and Judy (Jooss) and how some of the ad hawk decisions get made regarding the lake levels.
- Bob Livingston presented the new addendum sent by SEWRPC. Changes were addressed and submitted by Steering Council will be reviewed and added. Environmental sensitivity issues were added. Sensitivity issues are being addressed.
- Goal is to narrow the range of lake level elevation and remove the human intervention issues.
- Bill Hass commented that human intervention (Twin Lakes) is only part of the issue, the other being the downstream blockage (Richmond Hunt Club, Illinois).
- Mr. Moska stated he knew the Army Core staff (Illinois) and they were making the Richmond Hunt Club remove all barriers. Restoration is now underway and new culvers are being installed to allow faster/ proper flow of water.
- Bob Livingston stated: when he locked down the dam board there was about 28 inches of drop from the dam. That drop is now back in place. Last year there was no drop and water was even flowing back into Lake Elizabeth.
- Mr. Moska stated any future issues with the Richmond Hunt Club will be one of continued enforcement by McHenry County and the Illinois Army Core of Engineers.
- Pam Becker asked if it is a spillway or dam he his referring to. Mr. Moska said it could be a combination but up to us.
- Bob Livingston said over the last 12 years water was being drained from the lakes even in times of draught and people on the lakes were adjusting for lake levels that were not normal.
- Twin Lakes wants a spillway so the lakes cannot be drained below certain levels.
- Bob Livingston spoke with the DNR and our lakes are very healthy and drawdown's will not be allowed (permits will not be issued).
- The issue of human intervention in lake levels and the political environment of Twin Lakes require elimination of human intervention.
- Basic parameters according to Bob Livingston the more we can have a design with no human activity is better. There have been instances were because the Village could not always monitor the dam board, someone put rocks and polls under the dam board for drainage and the lakes would drop so fast that boats would be stuck on lifts.
- Bob Livingston said the spillway will help to eliminate invasive species like carp to move into out lakes. Last year water was flowing backwards from the Richmond Hunt Club.
- Bill Hass it took over 5 years to get the Illinois Army Core of Engineers to act. Bill Hass stated he was there when the Richmond Hunt Club built the first pond.

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- Bob Livingston stated he spoke with Ed Collins, Illinois Army Core of Engineers (5 years ago). Permit for that pond never came across their desk, it would have never been signed because it was illegal.
- Mr. Moska said the SEWRPC Report states a full hydrological analysis must be done first. He asked for the scope of services and if that is available.
- Bob Livingston stated the Village Engineers (Baxter Woodman) have done a design.
- Pam Becker stated that they all want to make sure that the product that is delivered is the product being ordered/specked because we have had a problems Livingston at Lance Park with where they (Baxter Woodman) did not put in the hull scrub and bilge drain/wash even though it was on the plans. And that now the State may be making that mandatory so we will have to spend even more money to comply.
- Mr. Moska stated that SWERPC and other agencies will be happy to help in the monitoring of the work and the end product.
- Mr. Moska, this is considered a low hazard dam (Class 3)
- Pam Becker asked for a time line to complete the work.
- Mr. Moska stated it is months and close to 12 months to 2 years to get the spillway built.
- Bob Livingston put on the record that in the Village Hall there are people that have stalled and stalled to do this on their time and their way.
- What needs to be done and a time line
  - 1) Permit from the Illinois Department of Natural Resources Office of water Resources that will do the dam analysis, 3702 Rules
  - 2) Illinois Army Core of Engineers Permit: Federal jurisdiction
  - 3) Possibility of a regional and individual permits
  - 4) If individual permit than there are public notice, talk with Illinois VA, Conservation District (consultation only), Fish and Wildlife Services (consultation only).
- Permitting will be by Army Core an OWR. Mc Henry County will probably defer to OWR, this will take 6 to 12 months.
- Pam Becker asked when the work can be done.
- Mr. Moska window of no construction is, high water, spring, early summer (breeding birds and fish).
- Becker asked that Bob Livingston be hard copied on everything and anything sent to the Village be copied to the Bob Livingston including any communication via mail or e-mail.
- Livingston states that Pam will supply you with an e-mail list for distribution so there is full transparency to the Village President, Howard, and others.
- Becker and the others stated they appreciated Mr. Moska's candor and knowledge about the matters to be undertaken.
- Bryan Neal asked what the best window to start the construction work is. Mr. Moska said it would be late summer, mid to late August. Embankment work stabilization takes about a month.
- Bryan Neal said the earliest to have the project completed would be late summer of 2010 and Mr. Moska agreed. That is why we need to keep to the timetable and move forward A.S.A.P. Bryan Neal said we need to keep pushing hard to keep the project moving and the others agreed.
- Bob Livingston wants to hire oversight to handle projects independent of the Village to make sure projects are moved forward and completed. He stated that oversight for projects is not coming from the Village Hall staff....bad or no follow through.
- Bob Livingston said the Village/ Lake District Storm water plan needs to be put online.

#### 1. Old Business (Discussion and possible action on the following items)

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#### Lance Park Shoreline Update

- Bob Livingston stated he sat down with David Cox, Village Administrator last week and the information for the permits had been sent to the DNR.
- Bob Livingston said he spoke with HS to send out the request for the permits.
- PB asked what the timeline is for the return of the permits and if the information sent was complete because we have had problems Bob Livingston before with Village Staff not doing it correctly. Bob Livingston said they were complete when sent according to DC.
- Bob Livingston said that the permits for Sunset Beach were also sent out.

#### Sunset Beach Project Update

- Bob Livingston will provide JAMIE SMITH with a plant list which is on the plan
- Bob Livingston from the Park Board perspective final numbers for Sunset Beach restoration is forthcoming.
- Tom Calkins asked what Bob Livingston is looking for from the Park Board. Bob Livingston states that the Park Board already has money available for playground equipment.
- Bob Livingston would like the Village to cost share the removal of the concrete and the metal sea wall (50/50 with Village workers doing the work).
- Tom Calkins said he saw no problem Bob Livingston with that concept.
- Bob Livingston will try and get engineering cost on shoreline restoration costs. Bob Livingston will speak with Kathy (Richardson, Village Staff) on cost for street and sanitation.
- Bob Livingston said Sunset Beach will be done this year.
- Bob Livingston said Lance Park will go out to bid after the 4<sup>th</sup> of July Liberty feat.

#### Review Lake Levels & New Staff Gauges

- Bob Livingston spoke with Howard Skinner, Village President, and the new staff gages have been made and remounted with the correct numbers that coincide with our Lake Management Plan.
- Concrete slow no wake monuments have been installed at Lance Park and Lake Elizabeth Boat Launch.

#### **New Business**

##### **(Discussion and possible action on the following items)**

#### Non-Phosphorus Fertilizer Sign Purchase

- Vytou Barcus, there is now a statewide ban on prosperous fertilizer so new signs need to be made. Currently they have six signs, proposed to purchase more. Bob Livingston suggested getting more signs from Badger Land, not to exceed \$500.
- Motion by Bob Livingston, seconded Vytou Barcus by unanimously carried:  
To approve purchase of 12 Watershed signs as presented from Badger Land at a cost about \$89 each plus tax and the purchase of posts not to exceed \$2000 and; the Village Public Works to install posts and signs not to exceed \$4,000.  
Signs are to be placed at various locations around the Twin Lakes Village Limits.
- Bob Livingston will have Kathy Richardson (Village Clerk) cut a check.

#### Storm Drain Stencil

- Vytou Barcus has language for stencil which was committee approved, "Do not pollute drains to Lakes"
- Barb Calkins has a photo of an example
- Mr. Moska said the glue down is more colorful and requires no maintenance vs. spay on type stencil.

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- Motion by Vytai Barcus, seconded by Jamie Smith, unanimously carried to approve the purchase 500 glue downs for Twin Lake's storm water covers.

#### Storm Drain Sponge Purchase

- Vytai Barcus Need Company to provide a bid. 24" x 24" size is recommended at a cost of about \$2000 each for the stainless steel cartridge holder, the sponge is about \$100.
- Motion to approve pilot project and test of 10 storm drain locations with smart sponge technology in downtown village locations not to exceed \$30,000. Motion made by Vytai Barcus, seconded by Pam Becker, unanimously carried.

#### Kiosk Purchase

- Bob Livingston found a company and priced kiosk's
- Possible placement sites:
  - South Lake Ave
  - Hearle
  - Lance Park
  - Sunset Beach
- Approximate cost per kiosk is \$1,000 which includes about \$350 for graphic panel charge plus shipping.
- Motion to allocate \$7000 for purchase and installation 4 kiosks for placements at four specified sites, Motion made by Jamie Smith seconded by Vytai Barcus, and unanimously carried.

#### Buoy Boat Operation Training & Scheduling

- To approve a succession plan for cross training of village employees and other Lake District volunteers (Scott Schulda) on use and maintenance of buoy boat should start this year when buoys are put in. Each volunteer must sign an appropriate waiver. Motion made by Bill Hass, seconded by Bryan Neal, unanimously carried.

#### Review & Update of Comprehensive Recreational Management Plan

- Bill Hass stated that SEWRPC did not mention the plan in the SEWRPC Report.
- Motion by Bill Hass, seconded by Pam Becker, unanimously carried to approved to copy and circulate the 2005 Comprehensive Recreational Management Plan-Phase One – draft 3 and approved as a Guideline by the Village Board on July 18<sup>th</sup> 2005 to all Lake District Committee members for committee review and updating in 2009 and that it be included as an addendum to the Lake Management Plan final draft of SEWRPC.

#### Spillway Caution Sign

- Motion to approve signage for Twin Lakes Channel on Lake Elizabeth side stating "Caution Submerged Spillway" not to exceed \$500.00 upon approval of homeowners. Made by Pam Becker, seconded by Vytai Barcus, motion carried.

#### Directional Sign Purchase for Annual Lake District Meeting use.

- Motion to approve purchase of signs for the Annual Lake District Meeting not to exceed \$2000. Motion made by Pam Becker, seconded by Vytai Barcus, unanimously carried.

#### Aquatic Plant and Milfoil Treatment Sign Purchase

- Milfoil Treatment (Chemical Treatment & Weevils) Discussion of use of 240D chemicals in treatment or native milfoils Weevils. Both treatments are approved by DNR.
- Motion approved to allow committee to decide if and when to test the Weevils within current budget. Motion made by Pam Becker seconded by Vytai Barcus, unanimously carried,

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- Motion to approve purchase of milfoil treatment signs not to exceed \$2000. Motion made by Pam Becker, seconded by Vytai Barcus, unanimously carried.

Musial Boat Launch as non-motorized carry-in site only (as per Park Board)

- Robert met with Park Board and they support use as carry-in site only.
- But it needs to be approved by the village board.
- Motion to recommend and support recommendation of Park Board to limit Musial Boat Launch as non-motorized, carry-in-only boat launch and Lake District pay up to \$3000 for baluster, fencing and signage to permit construction of non-motorized Carry-in Site not as soon as possible. Baluster key to police and fire only with access permitted to ice in winter. Motion made by Bryan Neal, seconded by Jamie Smith, unanimously carried.

Approval of signs for Annual Lake District Meeting:

- Motion made to approve an amount not to exceed \$2000 for Annual Lake District signs. Made by Jamie Smith and seconded by Bryan Neal, unanimously carried.

Lake Management Plan

- Addendums & Parcel Numbers of Properties within 100-yr Floodplain and Comprehensive recommendation plan).
- Motion to approve that SEWRPC include all referenced documents and the parcel numbers of habitable properties within the 100 year flood plane in the final copy of the Lake Management Plan. Motion made by Bob Livingston, and seconded by Bryan Neal, unanimously carried.

Maintenance of Lance Park Rain Gardens

- Motion to approve up to expenditure of \$1500 for improvement and maintenance of Lance Park Rain Gardens for 3 years. Motion made by Jamie Smith, seconded by Bryan Neal, unanimously carried.

Discussion to change placement of police boats:

- Discussion to place police boat on Lake Mary at Tony Migon's home and at any of the following sites on Lake Elizabeth: Lake Elizabeth Boat Launch, Haerle public site, June Trager's home in Twin Lakes Park, Vytai Barcus' friend near Vytai's home. Linda Smith will bring to Police Chief for review and discussion.

Next Meeting: April 30, 2009; 700 PM; Twin Lakes Village Hall.

Motion to Adjourn:

- Motion to adjourn made by Bill Hass, seconded by Bryan Neal, motion unanimously carried.

Adjourn

#### Roll Call:

- Robert Livingston
- Joseph Bergeron
- Vytai Barcus
- Bryan Neal
- Tony Migon
- Bill Hass
- Jamie Smith

#### Distribution:

- President/Board of Trustees
- Village Administrator
- Clerk/Treasurer
- Hall Bulletin Board
- Post Office Bulletin Board
- Website
- Bob Livingston