

Waukegan Watershed Advisory Committee Meeting Minutes

November 18, 2009

Members Present:

Bruce Bond
Bill Corr
Randy Eifert
John Hodsdon
Michelle Therrien
Pru Tylenda
Bob Vogler
Tim Whiting

Staff Present:

Visitors:

Duncan McNeish, WSOA Director
Stan Wallerstein, Meredith resident

Agenda:

- Approval of minutes of the October 21, 2009 WWAC meeting
- Update from Lawn Care Subcommittee
- Status of proposed Health Ordinance re: septic systems
- Continued discussion on Chloride content of Lake Waukegan
- Status of Spear property purchase
- New members for the WWAC
- Other business

Having a quorum, Chairman Bruce Bond called the meeting to order @ 8:05 am.

The **10/21/09 WWAC meeting minutes were approved** as had been drafted.

Lawn Care Subcommittee report:

- Randy reported that he felt excellent progress was being made. He is very pleased with membership make-up of the committee. He expects to be completing the subcommittee work by Spring 2010.
- Bruce showed two maps of the property around Lake Waukegan that he has been working on – one representing development around the lake in 1950 and the other representing the development status in 2009. The point being that significant development over the last 59 years has contributed highly to the cause of degrading the quality of the lake.

Septic System Health Ordinance:

- Bruce Bond reported that much progress has been made on the development of the ordinance. He attended a meeting last week where a redraft of the ordinance was reviewed.
- The WWAC requested that Bruce request a draft of the ordinance be sent to all WWAC members via e-mail before the next WWAC on 12/16/09 for discussion at that meeting.
- **Action Item: Bruce Bond – Request John Edgar provide the latest draft of the Health Ordinance to the WWAC.**

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Chloride levels:

- Duncan reported that chloride tests were taken at the Waukewan Village. The culvert had a 59 mg/L chloride level and the retention pond had a 21 mg/L chloride level.
- Bruce had a copy of a report for the raw water input in the Meredith Water Plant which showed a chloride level of 20 mg/L.
- A discussion ensued regarding what are the standards for acceptable and/or troublesome levels for chloride. Three values were identified:
 1. A pristine, rural NH lake would have chloride levels around **2 mg/L**.
 2. Drinking water standards have an upper limit of **250 mg/L** for chloride, principally set for a water taste value.
 3. Melissa Greenwalt-Yelle's master's thesis on the effect of development on water quality in the Waukewan Watershed said "Rising chloride levels in the Waukewan watershed may contribute to numerous changes in the lake and its tributaries; past research has indicated that above concentrations of **10 mg/L** chloride phytoplankton were replaced with blue-green algae, many of which are responsible for toxic blooms in lakes."
- John Hodsdon pointed out once again that he felt chloride was not the cause for toxic algae blooms.
- So how big of an issue is the chloride level in Lake Waukewan?
Action Item: Bob Vogler – Research on the internet for chloride level information.
Action Item: Tim Whiting – Contact NH Lakes Association for their info on chloride levels.
Action Item: Duncan McNeish – Contact Steve Kahl for references on chloride levels.

Spear property status:

- Duncan McNeish provided an update.
 - For legal reasons, the \$10,000 the WWAC had allocated toward the purchase of the Spear property can not be done. Meredith Selectmen are not permitted to spend tax money on property outside the town of Meredith.
 - On 11/5/09, Bob Wenstrup requested support from the Meredith Conservation Commission. Duncan McNeish, Bruce Bond, Tim Whiting and Bob Vogler also attended that meeting providing support for this project. The Meredith Conservation Commission indicated their unanimous support for this project including the possibility of providing financial support toward the purchase. Note: While the Selectmen can't spend tax money for property outside the town, the Meredith Conservation Commission can under specific conditions.
 - The Waukewan Shore Owner's Association (WSOA) has sent out 460 letters soliciting funds for the purpose of purchasing the Spear property.
- In order to further support the fund raising efforts of the WSOA, Tim Whiting strongly requested that we get the Meredith Selectmen's support for this project.
- Bob Vogler made a motion that the WWAC send a letter to Bob Flanders, the Meredith Selectman assigned to the WWAC, requesting his assistance to bring this project up at the next Meredith Selectmen's meeting. Motion was seconded and approved unanimously.
- **Action Item: Bruce Bond – Write and send letter to Bob Flanders before the 11/30/09 Selectmen's meeting.**

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WWAC membership:

- In May 2004, the WWAC was formed with 16 members. Of the original 16, 8 have resigned or are considered resigned by their lack of attendance.
- Currently, it is believed we have the following members:

Bruce Bond	Bill Corr	Randy Eifert	Earl Hansen
John Hodsdon	Bonnie Ireland	Michelle Therrien	Pru Tylenda
Bob Vogler	Bob Wenstrup	Tim Whiting	
- Via an e-mail Bonnie Ireland sent to Bruce Bond, Bonnie stated she does not have the time now to attend the WWAC meetings and suggested that she should resign. The WWAC agreed to accept her resignation. Thank you Bonnie for your support on the WWAC; Bonnie was a charter member.
- In the past two years, Bob Wenstrup has only attended 6 of the 32 meetings. Bob's primary residence is in MA, so we understand his difficulty to attend the WWAC meetings. It was suggested that Duncan McNeish become a member replacing Bob Wenstrup. Duncan lives in Meredith full time and we would welcome his membership and on-going collaboration with the WSOA.
- Regarding potential new members, we would ask them to commit to attending a majority of the WWAC meetings and to commit to arriving promptly. The WWAC has a quorum of five and cannot begin the meeting until at least five members are present. Stan Wallerstein, a Meredith year-round resident has indicated his interest in becoming a WWAC member. As has Kay Anderson, another year round Meredith resident. Both are asked to provide a brief bio to Bruce Bond who will in turn submit their application to the Meredith Selectmen for their approval.

Meeting was adjourned at 9:58 am.

Next Meeting: Wednesday 12/16/09 at 8:00 am in the Town Hall Annex.

Minutes submitted by Bob Vogler.

These minutes were approved as drafted at the 12/16/09 WWAC meeting.