



Devils Lake Water Improvement District

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www.DLWID.org

Quick Look:

- Otis's Resignation
- 319 Grant
- Native Vegetation
- Seth Lenaerts (RARE Program)

AGENDA

Regular Meeting

2009 October 1 at 6 pm. in the DLWID Office.

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|--------------|---|------|
| I. | Minutes of the Previous Meeting | 6:00 |
| II. | Financial Report | 6:05 |
| III. | Board Member Resignation (Otis Winchester) | 6:10 |
| IV. | Election of new Secretary/Treasurer | 6:15 |
| V. | Introduction of Seth Lenaerts (RARE Participant) | 6:20 |
| VI. | Public Comment (Agenda Items, Please limit comments to 5 minutes per person) | 6:25 |
| VII. | Unfinished Business (Agenda Support Item A) | 6:35 |
| | a. Boat House/Docks | |
| | b. Land-use Complaints | |
| | c. Lake Level | |
| | d. The Devils Lake Plan | |
| | i. DEQ 319 Grant | |
| | ii. Native Vegetation | |
| | iii. Whole Lake Circulation | |
| | e. Financial Oversight Committee Report | |
| | f. Communications Committee Report | |
| | g. Safety Report | |
| | h. Water Quality Update | |
| | i. Nutrient Budget RFP | |
| VIII. | New Business (Agenda Support Item B) | 7:30 |
| | a. The Devils Lake Plan (Con't) | |
| | i. Septic Tank Revitalization Program (Seth Lenaerts) | |
| | ii. Save our Shoreline Campaign (Seth Lenaerts) | |
| | b. 25 years of lake management on Devils Lake, a silver lined anniversary
A presentation to the Oregon Lakes Association | |
| IX. | Non-agenda Items | 7:50 |
| X. | Public Comment (Non-agenda Items, Please limit comments to 5 minutes per person) | 7:55 |
| XI. | Announcements | |
| | a. NALMS: October 27-31, 2009 | |
| XII. | Adjournment | 8:00 |

Meetings of DLWID are handicapped accessible under the ADA.

If special accommodations are needed, please contact the District Office at (541) 994-5330 prior to the meeting.

- I. Minutes: See Attached
- II. Financial Report: See Attached, financials have been estimated based on existing bills and historic billings.
- III. Board Member Resignation (Otis Winchester): Announcement and acceptance of resignation effective 2009-09-30. Position is now vacant and shall be filled according to existing DLWID policy which includes a minimum of a one-month application period, followed by interviews, followed by an appointment. All appointees must run for election at the next available election cycle (May 2011).
- IV. Election of new Secretary/Treasurer: Nominations and Election
- V. Introduction of Seth Lenaerts (RARE Participant): Seth comes to us through the University of Oregon's RARE program an acronym for Resource Assistance for Rural Environments. He is a graduate of the University of Wisconsin, Stevens Point, and has a BS in Land Use Planning with a minor in Soil Science. He has already begun his 11 months with DLWID and will be project manager for the Septic Tank Revitalization Program and the Save our Shoreline Campaign. He will also participate in the water quality testing next summer, something he has had some introduction to in the close of the 2009 summer sampling season.
- VI. Public Comment (Agenda Items, Please limit comments to 5 minutes per person)
- VII. Unfinished Business
 - a. Boat House/Docks: No Update
 - b. Land-use Complaints:
 - i. 2551 EDLR: Bio-restoration being considered. No new information
 - ii. 11th and NE ELDR: Fill to be removed by 2009-10-31---- Unrelated to the DSL complaint, a second complaint was filed with the County and Oregon Marine Board regarding pollution discharge from a RV parked onsite. I have contacted the county, the marine board and have taken two bacteria samples of the area at the suggestion of Board Member Jack Strayer. This was done Monday, September 21, 2009 along with the regular bacterial sampling. The complaint came from Sunday the 13th, and reached our office, Tuesday the 15th. Results from the bacteria testing may or may not show elevated levels of E. coli as the timeframe was significant between the alleged discharge and the sample date. Also it is to be noted that a number of waterfowl were seen in the water (sample area) the day of sampling which are a significant source of E. coli. The Recreational water use limits are 30 day geometric mean of less than 126 with no single sample to exceed 406.

RESULTS: 11th Canal East end = 91 bacteria / 100 ml
 11th Canal West end = 1 bacteria / 100 ml
 - iii. Seid Creek: No Update
 - c. Lake Level: The lake level has maintained itself at the crest of the dam since the rain events earlier in the month. The dam is scheduled for removal the week of Oct 15th, 2009. This should show a significant reduction in lake level in the days to follow, provided no significant precipitation falls.
 - d. The Devils Lake Plan

- i. DEQ 319 Grant: Formulated a budget for spending the 15,000 grant along with 10,000 match from the District. See attached. We will have to get a signed agreement from DEQ before proceeding, but this is already nearly formulated.
 - ii. Native Vegetation: We are in receipt of a Professional Services Agreement (Sent previously) for the project. With our change request from last month in which we sought a level of feedback between the final output and the initial plant selection, they have incorporated four hours total of phone conferencing into their bid basically to cover this cost. This is labeled Task 6: Review, and adds an additional \$631. If this is amenable to the board we are asked to sign the contract and ship it back to them. I will leave hard copies for signature at the board meeting, should you seek to proceed as presented here. Please leave for Seth to post in the mail.
 - iii. Whole Lake Circulation: No Update
- e. Financial Oversight Committee Report: Assigned to new Secretary/treasurer. Committee to meet with Auditor and implement financial protocols.
- f. Communications Committee Report: Jack Strayer
- g. Safety Report: Provided Seth with MSDS and Safety Manual. He is tasked to read and sign off on the materials as well as compare our current materials to the new requirements that OSHA has compiled.
- h. Water Quality Update: Bacteria sampling season has come to a close. All public access sites to the lake were of high water quality throughout the season. Water quality however coming into Devils Lake, particularly from Thompson Creek, was poor generally, failing to meet the state's standards most weeks a summary has been provided online and is posted in the watershed. Cyano-Watch has also come to a close for the season. While there is potential for the lake to suffer another bloom, the bulk of the summer season is behind us. Cyano-Watch updates for the whole season are also available online.

E. coli: 2009 Summary



DLWID has finished the 2009 Monitoring Season for *E. coli*. Below is a summary of the 19 week long season. Results are presented as the number of weeks the site Met or Exceeded Oregon's recreational water quality standards per the number of weeks sampled.

High Risk
Greater than
406 *E. coli* per
100 ml

Moderate Risk
127 - 406 *E. coli*
per 100 ml

Low Risk
0 - 126 *E. coli*
per 100 ml

Devils Lake Water
Improvement District
www.DLWID.org



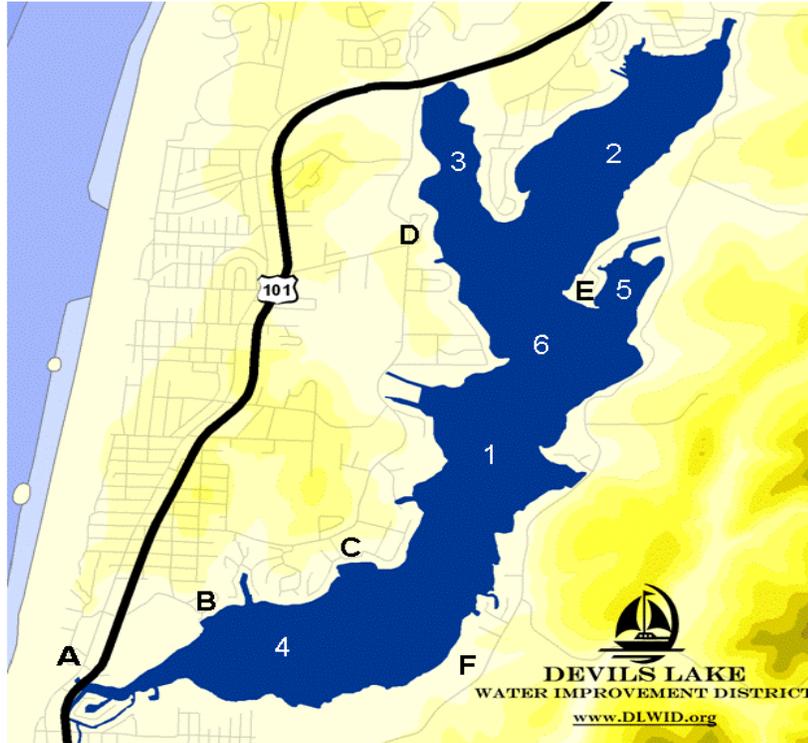
CYANO-WATCH for Wednesday, September 16, 2009

Advisory Lifted

Cyano-Watch Monitoring Program concluded for season, or until further notice.

Note: A cyanobacteria bloom may return, so please take sensibly precautions by always looking before you leap.

Watch for Scummy Water!
Keep Children and Pets clear, if present.



MAP ID	Station	Microcystin	Cell Count - Cell Density
A	D River	= 0.84	No Scum - Low Density
B	Campground	= 2.02	No Scum - Low Density
C	Regatta Grounds	= 2.78	No Scum - Low Density
D	Holmes Road Park	= 3.74	No Scum - Low Density
E	Sand Point	= 3.64	No Scum - Low Density
F	East D.L. State Park	= 2.02	No Scum - Low Density
1	Mid Lake	= 0.46	No Scum - Low Density
2	NE Arm	= 2.56	No Scum - Low Density
3	NW Arm	= 2.90	No Scum - Low Density
4	Southern End	= 2.08	No Scum - Low Density
5	East Thumb	= 3.08	No Scum - Low Density
6	Deepest Point	= 2.44	No Scum - Low Density

Note: Microcystin is only one of the many toxins produced by cyanobacteria. These tests results are only a snap-shot in time and are provided for guidance only. Conditions may change quickly.

Update from 2009-09-16: “After two-weeks of improved water quality, The Devils Lake Water Improvement District is lifting the Red Health Advisory issued July 31, 2009. For two weeks cyanobacteria have been rapidly in decline. Additionally, toxicity monitoring conducted 1 week ago for the toxin microcystin all proved to be below Oregon's Recreational threshold of 8ppb. In line with [Oregon DHS: Public Health Advisory Guidance for Toxigenic Cyanobacteria in Recreational Waters](#), an additional 1 week waiting period has been observed. This was done to account for the potential of other toxins (such as anatoxin) which are not analyzed to similarly dissipate. While a cyanobacteria bloom may return, at this time the advisory is being lifted. Please note that this concludes the Cyano-Watch monitoring for the season, or until further notice.”

- i. Nutrient Budget RFP: We released the RFP at OLA getting a few interested parties, and have had one other inquiry. We put a November 4, 4pm deadline on the RFP. This is deemed to be financially a small project, so if we are able to solicit 3 bids, we can evaluate and potentially choose from those.

VIII. New Business

(Agenda Support Item B)

j. The Devils Lake Plan (Con't)

- i. Septic Tank Revitalization Program (Seth Lenaerts) I have asked Seth to provide an update as to the progress he has made in organizing the beginnings of this program. The workplan laid out at this time is as follows:

- 1. Mapping**

- Familiarize myself with Lincoln City GIS database
- Develop septic tank GIS database table
- Geo-reference tax lots

- 2. Research**

- Look into similar projects related to septic tank monitoring.

- 3. Work on presentation to council**

- ii. Save our Shoreline Campaign (Seth Lenaerts) Similarly, I have asked Seth to provide an update as to the progress he has made in organizing the beginnings of this program as well as other smaller projects list as MISC.

- 1. Document Creation**

- Go through Dreamweaver tutorial
- Research BMP's which apply to Devil's Lake watershed
- Create a property owner BMP hand out

Develop a private business plan to target and inform private businesses about BMP's. (May lead to stakeholder list)

Miscellaneous

- 1. Boater's license**

- 2. Develop a Devil's Lake list serve**

- 3. MSDS Safety Sheets (blue binder)**

- 4. Safety manual**

- 5. Lake A Syst website...look up "lake bmps" @ .gov**

- k. 25 years of lake management on Devils Lake, a silver lined anniversary
A presentation to the Oregon Lakes Association