



Devils Lake Water Improvement District

Post Office Box 974, 820 SE Hwy 101 Suite D, Lincoln City, Oregon 97367

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www.DLWID.org

Quick Look:

- Aquatic Vegetation Survey
- Regatta Stage
- Erosion Seminar

AGENDA 2012 August 9

Regular Meeting: 6 pm, Lincoln City, Council Chambers
801 SW Hwy 101, 3rd Floor

- I. Consent Agenda** 6pm
- a. Minutes of the Previous Meetings
 - b. Financial Report
- II. Public Comment** *(Please limit comments to 5 minutes per person or as outlined by Chair)*
- III. Unfinished Business** (Agenda Support Item A)
- a. The Devils Lake Plan
 - i. Septic Tank Revitalization Program (Seth Lenaerts)
 - ii. Save our Shoreline Campaign (Seth Lenaerts)
 - iii. Vegetation Management
 - iv. Sewer (Brian Green)
 - b. Communications Report
 - c. Safety Report
 - d. MidCoast TMDL
 - e. Internship (Alyssa Clayton)
 - f. East Devils Lake Road
- IV. New Business** (Agenda Support Item B)
- a. Lake Level Monitoring
 - b. Regatta Stage
 - c. Erosion Prevention & Sediment Control Summit
 - d. NALMS
- V. Non-agenda Items**
- VI. Public Comment**
- VII. Board Comments & Announcement**
- VIII. Adjournment**

Unfinished Business

a. The Devils Lake Plan

i. Septic Tank Revitalization Program (Seth Lenaerts)

ii. Save our Shoreline (SOS) (Seth Lenaerts)

Project Recruitment: Now is an ideal time to contact the District if you are interested in doing a demonstrative garden as part of the Save our Shoreline program. Planning for these plantings generally takes at least a month and often more. Please contact us now if you are interested in doing a planting for the fall. Fall is generally the best time to plant. Planting in October gives the plants a bit of time to establish before the rains. Having the winter rains also benefits the homeowners; since they do not need to water the plants and the winter will help the plants to better establish for the summer.

Video: Due to the Revival, we did not make any progress on the video this month. We are aiming to begin shooting the video in mid August.

Raingarden Training: The District & the Salmon Drift Creek Watershed Council have collaborated to bring a Raingarden Workshop to Lincoln City in time for fall. All are welcome. Details are below.

Lake & Ocean Rain Gardens: Beauty & Clean Water for All!

Are you interested in the benefits that managing rain can bring to you and your community? Do you want to learn how you can implement practices in your everyday life that will improve water quality? Then join us for a hands-on class to learn where and how to build your own rain garden.

Cost: \$20

Time: 10 am to noon

Location: Lincoln City Community Center at 2150 NE Oar Place, Lincoln City, OR

Who Should Attend: Homeowners, designers, contractors, developers, agencies, and anyone else interested in implementing rain gardens through the planning, design, construction, & maintenance phases.

Presented by: Green Girl Land Development Solutions in cooperation with Devils Lake Water Improvement District & Salmon Drift Creek Watershed Council

To register: <http://www.greengirlpdx.com/Events.htm>

Contact: Maria Cahill greengirl@greengirlpdx.com 503.334.8634

About the Instructor, Maria Cahill, E.I.T.

Maria Cahill earned a bachelor's degree in Civil Engineering from the Pennsylvania State University. For eight years before moving to Oregon, she worked for pioneers of holistic land development in landscape architecture and engineering firms with planning and design experience on National Park Service visitor centers, urban redevelopment projects, universities, summer camps, historic sites, religious communities ranging in size from less than one to 3000 acres. She has presented and taught many times in the last 6 years to developers, planners, scientists, architects, landscape architects, engineers, contractors, maintenance staff, college students, and homeowners at governmental agencies and non-profit trainings, engineering and environmental conferences, colleges and universities, professional membership organizations, and more.

iii. **Vegetation Management:**

Grass Carp: Completing a review of the second draft of the Grass Carp application from our Contractor Max Depth Aquatics. Thus far I can say the document is markedly improved and will only benefit more from our collaborative efforts. The Contractor is interested in having the board's opinion as well on this draft. I will circulate a copy to the board for your perusal and input, which then I can summarize and reply back to the Contractor directly with your collective feedback.

Aquatic Plant Survey: Phase one of the survey was completed over three days last month. Preliminary results show that while there is (as expected) little, if any vegetation over the vast majority of the lake, areas that are vegetated tend to be dense. This is largely regulated to the canals where Grass Carp activity is less. However it is worth noting that we did see carp in the canals, so they are certainly willing to venture into these areas. While this first reconnaissance provided mostly a starting point for future observation, what was surprising was the variety of species present. Some twenty-plus species were observed, mostly native plants. No Eurasian Water Milfoil, nor Brazilian Elodea were to my understanding documented in the 100 points collected. These sample points were geolocated for return trips. A second survey is planned for later this summer.

Economic Impact Study: December, 2012 Deliverable

Engineering Study: Part of the grass carp application is the inclusion of an engineer stamped map and description of all the inlets and outlets of the lake. I am in the process of hopefully securing ODFW's approval of making due with recent aerial photography, LiDar and topographical maps in replacement of the expense of having a civil engineer complete such a survey. This should save the District considerable money, but if unsuccessful will at least provide the engineer with a significant headstart should we still need a stamped and approved map. I have gotten the verbal indication from local ODFW staff that they are not concerned with Grass Carp going up Rock Creek or other tributaries as there is no record or sign of such activity. Therefore preventing such access is likely neither necessary, nor preferable considering the migration of native salmon and other species through the system.

iv. **Sewer** (Brian Green)

b. **Communications Report:** (Seth Lenaerts & Paul Robertson)

- KBCH Good Morning Wake Up Show: This program airs weekday from 6-8 am on KBCH am 1400. The District has a standing interview spot on the THIRD Tuesday of the Month from 7:30 – 8:00 am. Podcasts of the program can generally be found at http://www.kbcham.com/home.cfm?dir_cat=99830.
- Salmon Drift Creek Watershed Council: Seth gave a presentation entitled RainGardens: Uses Benefits and Designs along with an Engineer from Portland, Maria Cahill at the monthly watershed council meeting. Their joint presentation was scheduled for February, but was canceled due to a snow storm that hit the coast and the valley.
- Linfield College Coastal Ecology Class: For the fifth year now we hosted a group from Linfield College for a half day short course on the Rock Creek Dam Modification for Coho Passage. This was held August 2 from 9:30 – 12:00 and included a presentation at the District's office followed by a field trip and hike to the dam site.

- Devils Lake Revival: The Devils Lake Revival will be taking place Saturday, August 4, from 10 am-2pm at Regatta Grounds. An update will be presented at the meeting.

Thanks to all the event attendees!

I would like to thank the following individuals and groups for their participation.

Oregon Surf Shop
Blue Heron Landing
Mo's Restaurant
Oregon Coast Today
KBCH 1400
Just Add Water Safety (JAWS)
Business for Excellence in Youth (BEFY)

Coast Guard Auxiliary
Flotilla Commander, Larry Cox

North Lincoln Fire and Rescue
Captain, Jim Kusz
Peter Robertson

Audobon Society
US Forest Service
Lincoln Soil and Water Conservation District
North Lincoln Sanitary
Dean Williams
Salmon Drift Creek Watershed Council
Surfrider Foundation
Let There Be Arts
Ford Family Foundation Leadership Program, Lincoln City Cohort
Sheriff Dotson and the Lincoln County Sheriff Dept
Billie Martin – Portland Water Polo Club
Chris Edison - Willamette Valley Water Polo

Krista Eddy
Robin Koeller

City of Lincoln City
Sandy Pfaff - VCB
Katera Woodbridge
Gary Neuman - Parks
Gail Kimberling
Jason Garding
David Hawker - Administration

Devils Lake Water Improvement District
Brian Green
David Skirvin
Noel Walker
Kip Ward
Randy Weldon
Bill & Julie Sexton
Alyssa Clayton
Paul Robertson

Anyone I missed I apologize, thank you!

DLWID Staff Report 2012-08-09

- WQ Postings: We revised our water quality reports to include only the sample sites on the lake, including a new site on Thompson Creek Canal. This site will be continued to be sampled at least through the end of the sampling season at which time a review may be warranted.
 - OregonLakes.org: As the webmaster for the Oregon lakes Association I am pleased to announce a newly redesigned membership based website. The board has also released a Facebook Page and Twitter feed as part of its overall outreach to lake enthusiasts.
- c. **Safety Report**: We had our new intern review all the signage we have and update the signs with pertinent contact details. Alyssa also created a MSDS summary sheet which was posted in the lab. Safety is no accident! No incidents.
- d. **MidCoastTMDL**: Department of Environmental Quality (DEQ) has begun the planning process for developing an Implementation Ready - Total Maximum Daily Load (IR-TMDL) for 303(d) listed waterbodies in the Oregon Mid-Coast Basin. The initiation of this TMDL process has been a long-time in the works and the process itself will be lengthy stretching over the next 18 - 20 months. Devils Lake is listed for Weeds/Algae, Chlorophyll a and pH and Thompson Creek is listed for fecal coliforms, and thus as a local government we have been invited to participate. Notably, temperature listings are also proposed by EPA for the lake and one of its tributaries. Representatives from local, state and federal government, special districts, Tribal Nations, private industry, forestry, agriculture, conservation, NGOs, watershed councils, landowners, and others were also identified.
- We have created a web presence under the Project Page for the TMDL process.
<http://www.dlwid.org/Projects.html#TMDL>
 - Links to the DEQ's website are posted below.
<http://www.deq.state.or.us/WQ/TMDLs/midcoast.htm>
<http://www.deq.state.or.us/WQ/TMDLs/midcoastLSAC.htm>

Fifth Meeting Highlights: This was a summary meeting to date. Feedback from each of the Technical Working Groups were provided. No meeting is planned for August.

Bacteria Technical Working Group: The third meeting of the Bacteria TWG was held. Further review of the modeling parameters and assumptions in the model were reviews with input from stakeholders incorporated. No meeting is planned for August.

e. **Intern summer 2012**: (Alyssa Clayton)

I have been sampling every week monitoring the pH, temperature, conductivity DO content, Secchi disc depth and turbidity in the lake as well as watching for cyanobacteria blooms and posting water quality updates with Paul and Seth. We have gone out on the boat recording Secchi depth in the pelagic zone and collected samples along the canal leading to Thompson Creek. I am learning boat safety and basic procedures of launching and docking the boat.

I edited the Shoreline Planting Guide, reformatting the invasive species pages to merge into the rest of the document. I have worked on kids activities for the Devils Lake Revival and helped create the radio advertisement for the event. Seth and I have been maintaining the rain gardens in Regatta Park and East Devils Lake State Park weeding and watering weekly. I recently made a chemical hazard inventory of all of the MSDS sheets that can be referred to.

f. East Devils Lake Road: I understand a meeting between SDWC and Lincoln Public Works took place since our last meeting, and the stakeholder list has been refined for holding a full introduction to this process. As additional interest and knowledge of this forth coming process has been occurring, I was asked to briefly speak on this process at the bi-monthly meeting of the Emergency Preparedness Group that meets at the City. I provided the basic scope of the project and need to many of the stakeholder who ultimately will be part of the EDLR stakeholder group.

- a) **Lake Level Monitoring:** We will be conducting some lake level investigation for potential impacts to recreational users and properties. This will include a spot check of safe moorage for 30-50 randomly selected properties and all the public launches. We will also be doing a photographic vegetation survey as well as compiling septic tank data and information that may be applicable. Lastly we will be documenting the period of full fish passage verse that which is limited by the dam. This work will be conducted largely in August.
- b) **Regatta Stage:** \$100 Brick Sponsorship Opportunity --- See End of Staff report for Information.
- c) **Erosion Prevention & Sediment Control Summit:** By Municipal Ordinance each year the City of Lincoln City with support from the Devils Lake Water Improvement District is to hold an Erosion Prevention and Sediment Control workshop. Due to staff constraints, it has been a few years since we have held such an event, even though we budget funds for it each year (\$500). The significant reduction in building may have made these workshops over the last few years less relevant, so hopefully not much was lost. This year we are planning on a modest event, scheduled for October 25th, and from tentatively 8-1. As it is we plan on having one presenter and multiple vendors. This will be jointly organized by DLWID and LC Public Works.

Erosion Prevention & Sediment Control Summit: What's Wrong With a Little Dirt?

Just a little dirt can muddy a lot of water, so join us for a technical training and workshop on best management practices for construction. We'll learn what's wrong with a little dirt (from your construction site), how to prevent erosion and how to design, construct and maintain sediment controls in a hands-on workshop environment including discussions and break-out sessions.

Time: 8 am to 1 pm

Location: Lincoln City -- City Hall, Council Chambers (3rd Floor) 801 SW Highway 101 , Lincoln City, OR

Who should attend: Anyone who creates, reviews, or implements erosion prevention and sediment control plans in the private or public sectors.

Contact: Maria Cahill greengirl@greengirlpdx.com 503.334.8634

- d) **NALMS:** North American Lake Management Society

Lakes in the Landscapes: Values, Visions, Actions

Annual Conference: Madison, Wisconsin (NALMS Headquarters)

November 7 – 9, 2012*

Air: \$363 - \$400 (estimate)

Transfers: complimentary

Hotel: \$129 plus 14.5% tax/night estimate * 4 = \$590.82

Airport Parking: \$10/day * 5 = \$50

Meals: \$40/day * 5 = \$200

Conference Fees: \$390 – 645 (See below)

Estimate: \$1,703 - \$1891

*Overlaps with DLWID's new meeting date of 2nd Thursday. Can reschedule regular meeting.



Program Info:

The program committee is excited to bring NALMS back to Madison and the Yahara Lakes, building on the successes of two previous symposia in 2001 and 2005. As before, we will begin each day with a set of plenary talks that relate to the theme and serve as an introduction to special sessions: Lake Values and Ecosystem Services, Landscape Limnology, Adapting to Climate Change. We are excited to have Dr. Steve Carpenter, director of the University of Wisconsin Center for Limnology and 2011 recipient of the Stockholm Water Prize as our keynote speaker to open the symposium. We will also celebrate 20 years of the Wisconsin Lakes Partnership, a unique collaboration between government (Wisconsin Department of Natural Resources), education (University of Wisconsin Extension), and nonprofit advocacy (Wisconsin Lakes) institutions to protect and restore lakes in Wisconsin, and look to the next 20 years.

Finally, the 2012 Madison conference will again feature a special session on the Yahara River watershed and its more than 22,000 acres of lakes and streams that are so important to the region's economy and quality of life. This Friday session, "Yahara Lakes: Implementing a Vision," open to all conference attendees and Madison area residents, will consist of presentations by local scientists, managers and conservations groups on successes and challenges of implementing the water quality improvement strategies that emerged from the 2005 conference.

Registration			
<ul style="list-style-type: none">• Full conference registration includes access to all technical sessions and included meals, Wednesday – Friday.• Meals include lunch & refreshment breaks Wednesday – Friday, continental breakfast Wednesday – Friday, Wednesday reception and Thursday reception and banquet.• Daily registrations include access to technical sessions, meals and included receptions only on the selected day of attendance.• One-day registrations may not be combined to create a two-day registration.• Guest registration does not include access to technical sessions.			
NALMS Member Registration			
\$520.00	Discounted Price	If Registered By	Refund Policy
	\$390.00	Friday, September 14, 2012	Details
	\$440.00	Friday, October 26, 2012	Details
Non-Member Registration			
\$645.00	Discounted Price	If Registered By	Refund Policy
	\$515.00	Friday, September 14, 2012	Details
	\$565.00	Friday, October 26, 2012	Details

What is the Ford Family Foundation?

The Ford Family Foundation is a private, non-profit foundation located in Roseburg, Oregon. Started in 1957, the Foundation now manages large, internal initiatives and makes grants to public charities, benefiting communities in rural Oregon. In 2003, The Ford Family Foundation initiated the Ford Institute Leadership Program (FILP), a comprehensive training program designed to increase the vitality of rural communities in Oregon. The core strategy was training to increase the leadership skills of individuals from rural communities, the effectiveness of community organizations, and the degree of collaboration to benefit rural communities. From 2003 to 2008, over 2,000 individuals from 50 communities have participated in the Leadership Program.

The Ford Family Foundation provides up to a \$5,000 grant in support of this project.

Cohort participants are expected to raise the remaining funds by:

- Soliciting donations monetary and/or in-kind
- Selling “pavers”
- Requesting grants
- Hosting other events

Who Are We?



The North Lincoln County Cohort of the Ford Institute Leadership Program

We are group of Lincoln County citizens invited to embark on a learning exercise, encompassing a real world project designed to put leadership skills in practice with solid results.

We are your neighbors, your coworkers, your friends. Please join us to make our vision for Regatta Park a reality.

Friends of Regatta Park Stage
4039 NW Logan Road
Lincoln City, Oregon 97367
541 994 3070
regattastage@gmail.com

Please make checks payable to Lincoln County Foundation, our fiscal agent.

REGATTA BOATS



Our Mission:
to design and erect a public outdoor stage at Regatta Grounds Park for open-air performances and local play, reviving a long-past tradition of community gatherings on the shores of Devils Lake.

The stage will allow diverse groups to take advantage of a uniquely stunning natural setting for the betterment of residents and visitors alike.

Our Special Offer to You

Pledge \$100, to be paid in full by October 1, 2012 and we will have your name engraved onto a paver stone and placed next to the stage. Your contribution will recognize you for “paving the way” for this landmark project.



How You Can Help:

- **Donate your time**
- **Pledge your financial support**
- **Lend us your expertise**
- **Share your knowledge of grant opportunities**
- **Send us referrals**



Decide on Design
Secure Funding
Design completion
Design approved by City
Site Plan approved
Building permits obtained
Phase One:
Line Up Contractors
Line Up Volunteer Labor
Line Up Materials
Break Ground: Sept 1

Our Project Parameters: Phase One

- ✓ \$12,000 maximum budget
- ✓ All class participants can be involved
- ✓ Involve the community
- ✓ Complete project within one year (July 1, 2013)

An outdoor stage will

- Increase outdoor social activities
- Increase opportunities for community collaboration
- Provide a venue for musicians and performers
- Highlight the connection between art and the environment
- Attract all age groups
- Enhance tourism offerings
- Increase city revenue

Steps in Our Phase One Plan

DLWID Staff Report 2012-08-09