



Quick Look:

- Erosion Study-Tetra Tech Interview
- Devils Lake Plan Updates
- Updates on D River
- Union 50 & the Cafe

Devils Lake Water Improvement District
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www.DLWID.org

AGENDA 2010 November 11
Special Meeting: 6 pm, DLWID Office

- I.** Special Order of Business: Erosion Study interview: Tetra Tech 6:00 pm
- II.** Minutes of the Previous Meetings
- III.** Financial Report
- IV.** Public Comment (Agenda Items, Please limit comments to 5 minutes per person)

- V.** Unfinished Business (Agenda Support Item A)
 - a. Lake Level
 - b. The Devils Lake Plan
 - i. DEQ 319 Grant
 - ii. Native Vegetation
 - iii. Septic Tank Revitalization Program (Seth Lenaerts)
 - iv. Save our Shoreline Campaign (Seth Lenaerts)
 - v. Vegetation Management
 - vi. Sewer (Brian Green)
 - c. Communications Report
 - d. Safety Report
 - e. Thompson Creek
 - f. Erosion Study RFP

- VI.** New Business (Agenda Support Item B)
 - a. The Café --- Union 50
 - b. Canal Dredging
 - c. Contract
 - d. Library Request
 - e. Vacation Request

- VII.** Non-agenda Items
- VIII.** Public Comment (Non-agenda Items, Please limit comments to 5 minutes per person)
- IX.** Board Comments & Announcements
- X.** Adjournment

I. Unfinished Business

- a. **Lake Level:** the D River became clogged with sand by high seas on October 24. Lake level was about 9.5 feet. On October 29th we received the last of the bids for dredging, and thus we used the lowest bid to dredge the D River on Monday Nov 1. The reason for waiting was that Kyllos had started a project sand blasting and repainting their I beams, which could have been greatly impacted by a reopened channel. The lake was not very high at that time. We did though receive a great deal more rain than was predicted over the weekend, and thus the lake level did rise sharply causing suitable alarm by many around the lake. The Monday dredging though predictably did not last long as ocean swells clogged the River by early Tuesday morning. On Wednesday we dredge again with the lake reaching its peak at 11.2'. The river has been running wide and clear since. As of 4 pm Friday the lake level was reportedly at 10.2'.
- b. **The Devils Lake Plan**
 - i. **DEQ 319 Grant:** received a second bill from E&S. Contact DEQ regarding it and previous billing which we have not yet received payment on. They are looking into it. Project is moving forward with seemingly no hitches at this time, best I have heard. I will meet with E&S sometime in the next month or so to solidify the project. Database due Dec 31, 2010. Final Reports Due in March 31, 2011.
 - ii. **Native Vegetation:** Seth has been working on some invasive species sheets for inclusion into any reprint of the Shoreline Planting Guide.
 - iii. **Septic Tank Revitalization Program** (Seth Lenaerts) No Update.
 - iv. **Save our Shoreline Campaign** (Seth Lenaerts)

Plantings:

Reimbursement Request:

I recently received the following email from a lakefront resident:

I am an owner of property on Devils Lake and I recently received your SOS flyer. I noticed that you are offering an incentive for native planting projects.

We recently completed a significant native planting project on our property (see attached), so I thought that I might contact you regarding the following:

- 1) Is it possible for us to participate in this incentive program even though the project is already completed?
- 2) I would like to offer my services as a consultant on similar projects, should you have owners in need of help with design of Lakeside erosion control or planting projects.
- 3) I do have a left over 20 foot COIR log that is available, should you know anyone whom could use one of these. I would just like to recover my cost on the Log.

My assumption is the cost of the log is probably \$150-\$200. I visited his property last week and had a chance to view the project. A part from the Reed Canary Grass that is filling back in, it is a good

project consisting of shoreline stabilizing plants, staked coir logs and fencing to prevent animals from eating the willow.

Since, this situation has not come up yet, I am requesting that the board consider this request.

Sand Point:

My intention was to have this planting completed in October or November but due to delays on our end with the site design and the property owner's schedule, this planting will have to wait until spring. We have come to the point where the site design and site prep is pretty well set, so we should be ready to fire in spring.

First Street Canal:

I have spoken with and offered rough site designs to the property owner on the first street canal. They do not get to make it down to the coast often; so we are looking at setting up a spring planting date.

East Devils Lake State Park:

At East Devils Lake State Park, the parks department has stated that we can have access to this site to do a planting, but, at this point they are not willing to provide equipment or staff time for the planting or maintenance. I find this to be a bit unfortunate, since, it would be a good opportunity for our two agencies to work together and to help spread the spirit of the project to another agency that impacts the watershed. My hope is that as we come up with a site design and engage them in the planning process, eventually they will take some ownership over the project with us. I will begin working on the site design in the next couple of weeks and intend to propose we do the project in spring.

Regatta Grounds City Park:

I have been working with the head of the City Parks Department and Assistant Engineer to gain permission and insight about a possible planting at Regatta Grounds and what would be allowable.

Thus far, they have been open to most ideas. The openness to ideas is nice, but can be prohibitive in narrowing down what really will be allowable. Therefore, I have come up with a sample design for the site and plan on coming up with a second and third option. Once I have a draft design that I can peddle to the parks department and engineers, it should help to increase the focus. Below is an email I sent to Ron Ploger that gives him an update and also explains the three options that I mention above.

Hello Ron,

I have been working and thinking about the Regatta Grounds project and wanted to let you know what I've been coming up with thus far. I still intend to submit some rough designs to you sometime soon.

I have recently made a few site visits to Regatta Grounds and have been working with others to come up with some ideas for the small parcel at Regatta Grounds where the flag is planted.

As we come up with ideas, I am trying to assure that any change to the site would do the following: decrease maintenance time and costs, increase infiltration of water, have a native vegetation component, have an educational component and look nice.

Ideally, a raingarden at the site would be great. I still am not sure if that would be possible. After doing some rough calculations on one design, I think the amount of fill that would be needed may be prohibitive. I will keep playing around with the numbers, area and slope to see if it is possible. One more consideration is soil and percolation rates. Would you be opposed to me digging a couple of post size holes in that area to see how quickly water drains? It would take 2 days and I can fill in the holes when I'm done.

A second idea would be a raingarden "light". In this scenario we could follow all the steps for a raingarden but relax the slope requirements or create a smaller area for percolation. It would still decrease the amount of water that is running into the lake now, but would not be as successful as a raingarden.

A third option is to simply plant it with native plants and to make it a native garden that showcases the plants that thrive in this area and climate.

Finally, I went to Regatta Grounds while it was raining to watch how the stormwater is flowing. It seems water flows down both the right and left side of the driveway that goes down to the parking area. About ½ the water flows down each side of the road. One idea that a few of us have had is to put some curb cuts along the left hand side of the road and allow the water to drain into the large grassy area. The water may need some help to do that, but I'm not sure how that would be done most effectively. Just a thought at this point.

Medallions: Medallions are being put up around the watershed. Thus far, there are five of them posted.

Lakescaping for Landscapers Workshop

Thus far, most of the attention of the Save our Shoreline campaign has been focused on property owners and offering incentives to participate. One group that we have not had as much contact with is landscapers and maintenance crews. Landscapers and maintenance crews have a lot of say in how people do their landscaping and having buy in from these groups would be very helpful in expanding shoreline plantings and native vegetation.

The Native Planting Guide was mailed out to landscaping and maintenance companies in Lincoln City and surrounding areas, but we only heard feedback from three or four them.

As a means to bring in this important stake holder group, I am suggesting holding a workshop or training about shoreline planting and other lakescaping practices. I would like to hold this workshop in February or March right before the spring planting season begins. The training would take place at our office and last up to four hours. A portion of the training would take place indoors and there would also be a field component.

The following topics would be included: native plant selection, natural landscapes, planting near septic systems, maintenance requirements, wildlife habitat, shoreline stabilization and creating a lake buffer.

Cost for this event would include a folder or packet of information for all attendees, breakfast items (coffee, tea, bagels or donuts), a planting guide and a speaker/trainer, perhaps Doug Spiro or

another landscaper who has done this sort of planting. I do not expect these costs to exceed \$500. I put together a rough estimate of costs below.

Item	Quantity	Cost
Donuts/Bagels	24	\$25.00
Coffee/Tea		\$15.00
(In House) Printing cost/Folder	15	\$75.00
Devils Lake Shoreline Planting Guide	15	\$120.00
Speaker or Trainer	1	\$120.00
Total		\$355.00

- v. **Vegetation Management:** I have provided the Board another draft of the Devils Lake Plan. I hope to receive your comments, and seek to settle on a final releasable document by our December meeting. This document then would be sent to agencies for input including the ODFW commission as a preliminary step to reintroducing Devils Lake and the projects we are working on, particularly Grass Carp to that decisive body.

Grass Carp: I created a Strategic Plan for Grass Carp that I sent out to the board. In it are many specific steps and a timeline surrounding the project. We have been told by ODFW staff that we have a 50-50 shot at this, and that we must be sure to have our best proposal ready. It has been my opinion that demonstrating specific progress on nutrient abatement issues (septics and SOS, for instance) as well invasive species prevention (boat wash stations and signage which are simple straight forward on the ground the projects) would be key to a persuasive argument and justification for an appeal on the grass carp permit. Also there is a need for having an aquatic species inventory done for making the carp stocking estimates which would necessarily be done in late spring or summer. These are the items that have been driving what may appear to be a conservative timeline, but I believe it is a prudent course.

Current Items slated for or completed in winter of 2010. This is an excerpt from the strategic plan.

1. Finish the Devils Lake Plan.	Dec 2010
2. Meet with ODFW regarding the Devils Lake Plan and the role of grass carp in that plan.	Completed
3. Hold a public meeting on the Devils Lake Plan providing agency and public input. Send copies to ODFW Commission and invite them to Stakeholder meeting.	Winter 2010 Suggest mid January
4. Incorporate suggestions, additions, and changes into the Plan.	Winter 2010
5. Adopt the Devils Lake Plan.	Winter 2010 February meeting
6. Obtain minutes of meetings from advisory committees leading up to the current rule changes.	Received, review in process
7. Review grass carp variances approved or denied by the ODFW	2006-2010

Commission.	completed. Paper copies needed for others
8. Complete literature review of Grass Carp.	Ongoing but widely completed
9. Review grass carp literature for plant preferences.	Ongoing but widely completed
10. Develop list of plants based on feeding preferences and native status.	Oct 2010- In progress.
11. Seek information of documented illegal possessions of Chinese Grass Carp in Oregon and the impact of those introductions.	Oct 2010: Spoke with ODFW .
12. Research liability issues of grass carp and legal limits of financial liability of District specifically addressing responsibility for economic and ecological damage/recovery of another water body if grass carp escape to and/or are maliciously caught and planted in other lake.	Nov 2010
13. Determine suitability of current insurance to protect the District based on new stocking under existing law.	Nov 2010

ODFW Meeting: Seth and I met with ODFW _ Newport Field Office Fish Biologist Bob Buckman. Bob thought the plan looked very good. Had a few comments, but was very supportive of our approach in which we are focused in on invasive species prevention as much as control. He is very much in favor of the grass carp, and doesn't foresee it being too much of an issue with the Commission. It however is not his call and he said that there are people in and around the state, particularly the warm-water fishery interest groups that will likely be opposed as well as Dr. Mark Sytsma from PSU. Bob argued though that what are the alternatives...exotic weeds and exotic fish? He said that the Rainbow trout fishery would likely continue, and that he would provide us with some Coho return data to evaluate. He definitely sees the value in the nutrient abatement strategies too, specifically commending us on the septic issue. He said that it should only take a few months to get on the ODFW Commission Agenda, and that we will need to focus not so much on the lake size, the public access issue, or the fish screening issue as much as why we should be given an exemption over other lakes, specifically coastal lakes. He said that he commented to his staff when the rules were being changed in 2003, that the new rules just wouldn't likely work for Devils Lake. He said that the situation was just different with the background of the previous introductions. There are a few arguments to be made, specifically the existence of the Grass Carp in Devils Lake already and the coastal watershed. He did say that there have been documented cases of illegal introductions in the state, but suggested that if someone wanted to take fish out of Devils Lake, it would be just as easy to go online and order some or other means than to spend a day trying to catch those in the lake. We did through discuss the ability to track fish now as to where they were planted using the PIT tags embedded under the fish's skin which could put DLWID into some liability issues.

As to other issues, he said he did not want us to screen Rock Creek or Thompson Creek as that would just cause other issues for native fish. There has been no evidence of the fish spawning in those streams, and in fact they are not likely adequate for spawning even if the fish weren't sterile. As for the D River, we have already gotten an exemption there as these fish die in salt water. He suggested that before we appeal we be sure to get some letters of support from political bodies in the area as well as any others. He also suggested we talk to Rick Boatner of ODFW about the plan and the exotic species control \$\$\$ as a possible matching grant for boat wash stations and the like. We have New Zealand Mud Snails, so there would be good cause for preventing their spread as much as introducing things to Devils Lake. Lastly he said that he would be available for a stakeholders meeting sometime this winter, and will begin notifying others in ODFW that DLWID has developed this plan, which will be available for comment in the next month or so.

Dr. Mark Systma: Mark clarified to me that he is not against grass carp, but just wants ODFW to have a plan to manage lakes. If the goal is to maintain beneficial use for Devils Lake for example, then grass carp can be an inexpensive alternative. If the goal is for restoration as has been the goal of OWEB (Oregon Watershed Enhancement Board which uses lottery funds for restoration), then grass carp would not achieve that goal. He is interested in a thoughtful decision making process, and that agencies communicate at the state, local and federal level as to what the overall goal for the waterbody is. I relayed to Mark that the Devils lake Plan, which is nearly complete, will be sent out for comments sometime soon, and that we hope to integrate such comments into the plan. We then hope to have the DLWID Board formally adopt the plan such that we can move forward. I explained the breadth of the plan, that it not only includes securing grass carp as a safeguard against weed invasions, but that it also is very much focused on preventative mechanisms and nutrient abatement.

ODFW Commission: I have been in contact with ODFW staff. Laura Tessler has left that Grass Carp position and now Kevin JHerkamp is filling the role until they hire some one new. I requested minutes of the meetings that led up to the recent rule change in 2003. I have recently received those documents and I am reviewing them currently. Additionally I have been reviewing the ODFW Commission Minutes and Agendas from 2006-2010. Two appeals for grass carp found in that period. One was approved for a private waterbody that exceeded the 10 acre footprint by 3 acres (June 3, 2010). The other appeal was denied for failure to meet flood plain requirement (October 6, 2006). Earlier minutes that may contain other appeals will have to be requested.

Research on Grass Carp: purchased and downloaded a copy of the Proceedings of the Grass Carp Symposium. Others studies: Bonar et. al, 2003. Cai & Curtis, 1988. Grass Carp Stocking Rate Model, Evaluation of macrophyte control of 38 Florida Lakes. Abstracts from Western Aquatic Plant Management Society. Over 20 documents reviewed, plus well over 200 searches completed on leads or dead ends.

Feeding Preferences: In researching the feeding preferences of grass carp it is apparent there is some disagreement about what these fish will eat first. Grass carp are known as a general herbivore in that they will eat most anything eventually, but they do have favorites and those plants that they will not consume. A few published studies do provide some overlap and concurrence for some species while offering differing reports for other species. At some level we can use this knowledge to strategically plant those natives that are less affected such as the emergent species, Cat Tail (*Typha latifolia*), and at the same time target prevention and removal strategies for the invasive plants that are not readily consumed, such as Eurasian watermilfoil (*Myriophyllum spicatum*). Prevention strategies shall include the use of an ongoing public outreach campaign, watercraft rinse stations, and signage. Regular aquatic plant surveys will necessarily be conducted to identify possible introductions. Targeted removal strategies may range from bottom barriers at boat launches aimed to prevent infestations as much as retard them, to hand pulling, to diver assisted suction dredging.

Below are figures taken from the literature directed at assessing the feeding preference of grass carp.

Plant Preferences of Triploid Grass Carp

R. T. PINE AND L. W. J. ANDERSON¹

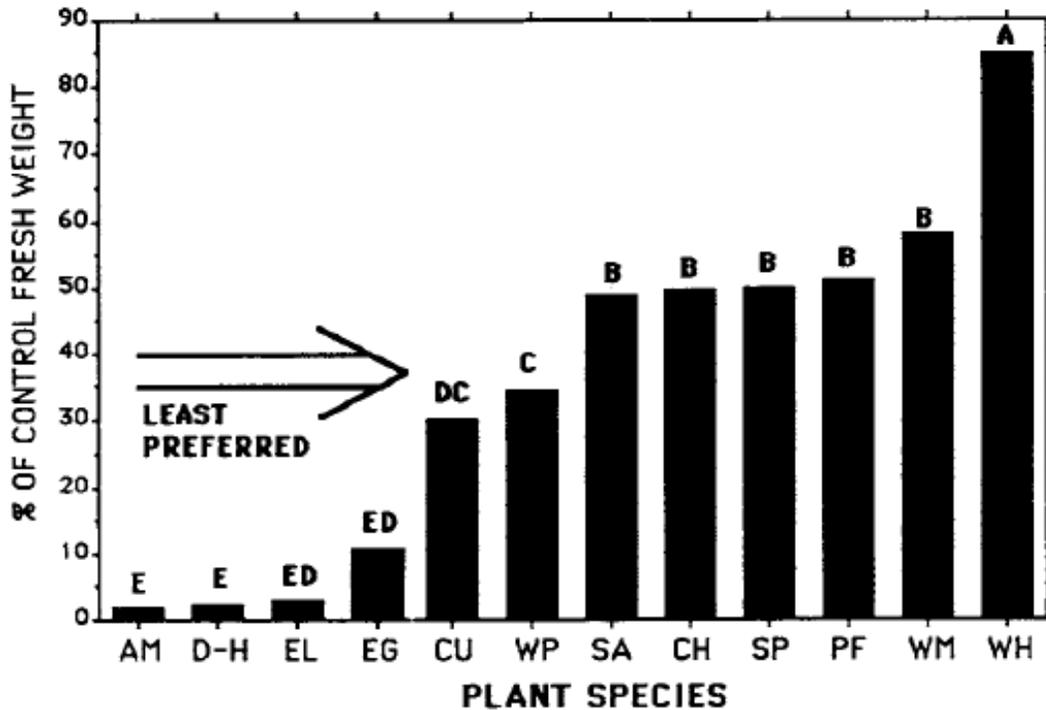


Figure 1. Comparison of triploid grass carp preference of thirteen plant species using plant fresh weight percent of control as the variable of comparison. Fresh weight percent of control was calculated by dividing the mean of control fresh weight plants into treatment fresh weight for each plant species and multiplying by 100. Each bar represents the mean of 4 values. Letters above bars = within experiment comparisons based on Duncan's Multiple Range Test done on arcsine transformed data ($P \leq 0.05$). Bars with similar letters are not significantly different. AM = American pondweed; D-H = dioecious hydrilla; EL = elodea; EG = egeria; CU = curlyleaf pondweed; WP = waterprimrose; SA = sago pondweed; CH = chara; SP = spikerush; PF = parrotfeather; WM = Eurasian watermilfoil; WH = waterhyacinth. Coontail was uprooted but not consumed and was not included in preference comparisons.

Effect of Triploid Grass Carp on the Aquatic Macrophyte Community of Devils Lake, Oregon

SCOTT A. BONAR,¹ G. L. THOMAS,² STEVEN L. THIESFELD,³
GILBERT B. PAULEY,⁴ AND T. BROCK STABLES⁵

Small grass carp:

= 10" or 264 mm +/- 18 mm

V. americana(x) > *M. spicatum*(y)
> *C. demersum*(yz) > *E. densa*(z).

Large grass carp:

= 16" or 414 mm +/- 22 mm

E. densa(x) > *V. americana*(xy)
> *M. spicatum*(xy) > *C. demersum*(y).

Plants were not removed at significantly different rates if their names are followed by a common parenthetic letter.

Feeding Preference on Pacific Northwest Aquatic Plant Species by Diploid and Triploid Grass Carp (*Ctenopharyngodon idella*)*

by
Karen L. Bowers,** Gilbert B. Pauley,** and Gary L. Thomas**

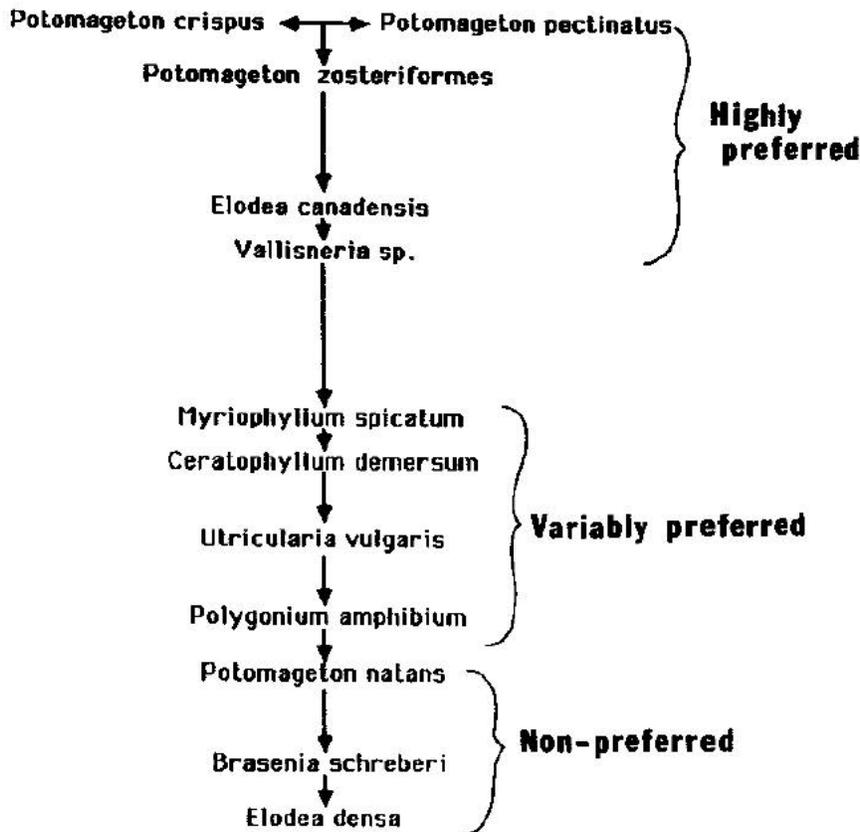


Figure 1. Overall preference ranking of 12 Pacific Northwest macrophyte species. Triploid grass carp relative preference is shown in descending order

Table 1. Feeding preferences of grass carp on some common aquatic plants

HIGH	LOW
Elodea (American and Brazilian) Water celery Pondweed (thin leaved)	Cattail Arrowhead Bulrush Milfoil Parrot feather Reeds Sedges Filamentous Algae Water Hyacinth Waterlily Watermeal Watershield Yellow cowlily
MODERATE Bladderwort Coontail Duckweeds Fanwort Pondweeds (broad leaved) Water pennywort	

Stocking: The maximum stocking rate allowed by ODFW is 22/fish per acre. At 680 acres, Devils Lake could ultimately be stocked with 14,960 fish given a fully engrossed weed bed similar to the 1980's. However fish populations as low as 0.5 fish/acre are known to continue to suppress weed beds in previously treated lakes.

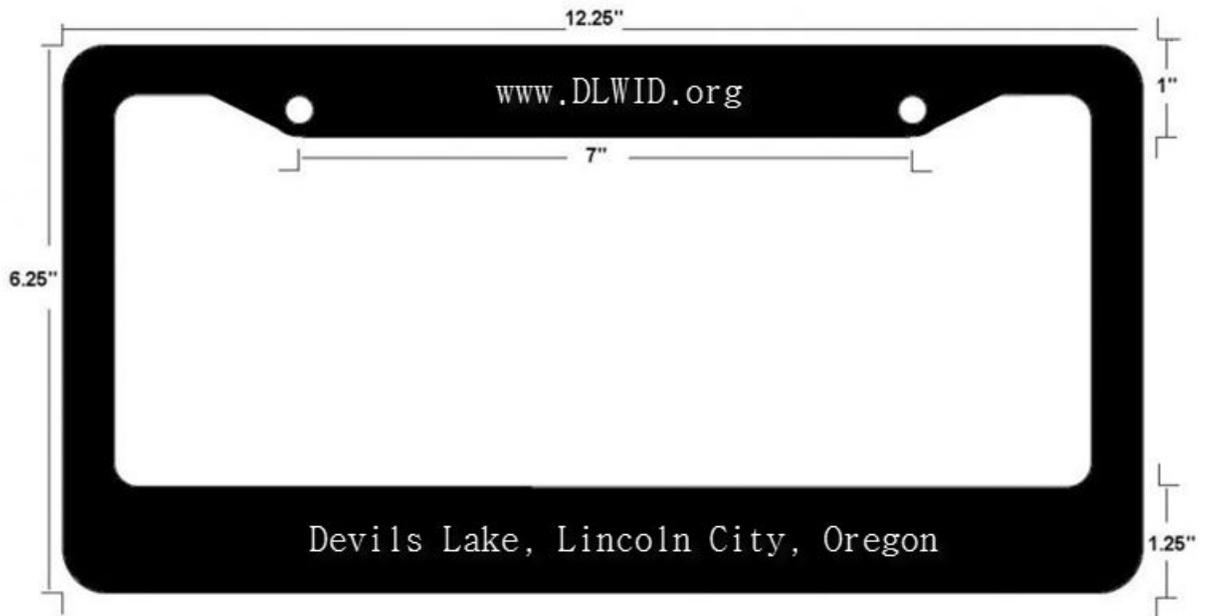
Cost: At \$20 a fish and at the maximum stocking rate we would need nearly \$300,000. If we stocked at the same rates as in 1994 5000/680 acres = 7.4 fish per acre than we would need \$100,000 worth of fish. If 0.5 fish per acre was suitable, than as little as \$6,800 would cover it. The cost is widely dependent on the number of fish obviously. I specific stocking plan needs to be completed which will address this.

Next steps: See Strategic plan.

vi. **Sewer** (Brian Green):

c. **Communications Report:**

License Plate Holders: PADL's Secretary Raylene Erickson has suggested an inexpensive method of raising the awareness of Devils Lake using personalized license plate frames. Frames could be given to volunteers, board members, Lake Steward award winners current and past, and SOS participating landowners as recognition for their support of DLWID and Devils Lake. I see it as an inexpensive way of promoting Devils Lake and getting out website out to the public. See sample below:



Cost: Set up \$35.00 \$1.75 each for 100 = \$175.00 = \$210 for 1st 100
 Given two holders per vehicle as a matching set, cost would be \$4.20 per set.

*As a comparison, DLWID T-shirts cost about \$9.00 each and while I have seen people wearing them around town, they often sit in drawers, not driveways.

Recreation Brochure: (Seth Lenaerts) In the last six months the District has created and mailed out two different brochures. The first was an informational brochure about Devils Lake Water Improvement District that was sent out to all residents in the District. The second was a brochure that advertised the Native Planting Guide and was mailed to lakefront property owners. What the District does not have is an updated recreational guide. This guide would be helpful to both residents and visitors. The brochure could be displayed at hotels, VRD’s, chamber of commerce, Lincoln City Visitors and Convention Bureau and available online. The guide would include, park information, boat ramp access points, fishing information, hiking trails, picnic spots, wildlife and other applicable subjects.

The content and images could all be done in house, but for a brochure of this scale which will be used for several years, I think it is best to have the design, layout and printing done professionally.

I received a rough estimate from Quality Printing Services based on printing 5,000 and 10,000 as a reference point if the board would like to pursue creating the publication.

Quality Printing estimate for 3 fold brochure, color, printed on both sides				
Quantity	Printing Cost	Design Cost	Total	Cost per Brochure
5,000	\$922.10	\$45.00	\$967.10	\$0.19
10,000	\$1,191.56	\$45.00	\$1,236.56	\$0.12

Kiosk Holmes Road Park: I would like to propose the as part of our existing contract with B X Sexton Construction, that we use some (potentially all) of the 17 remaining hours of the 20

original contracted hours to build a Kiosk at Holmes Road. This would be similar to the Regatta Grounds Kiosk in size and nature and would house the large map, Water Quality Data and other announcements such as the prohibition for fishing for grass carp. Exact location and authorization would have to come from the City and Park and Rec. Material costs for the Regatta Grounds Kiosk was a few hundred dollars and with the existing pre-paid contract with BX Sexton, over all the project would be little additional cost to the District.

Portable sign: The Nestucca-Newskowin Watershed Council had one of these made. Very nice display and very portable too. Good for taking to presentations, having for volunteer days, etc. \$275 plus design. 39" x 80" Retractable with tote bag.
<http://www.postupstand.com/> Sample shown.



- d. **Safety Report:** No incidents
- e. **Thompson Creek:** In conjunction with the database, I will likely be heading to Corvallis in the next month to drop off the samples for analysis. This is being done to save the overnight shipping costs. Winter sampling days to be determined.
- f. **Erosion Study RFP:** Potential action by the board, following presentation. Options of awarding bid, offering partial award, or declining to award bid.

II. New Business

- a. **The Café --- Union 50:** This is conglomeration of some of the information I have collected thus far. The OCCC currently owns the building and has it listed at \$950,000 for the two parcels that make up the facility. A level one Environmental Assessment has been done and is available. Listing details are presented below:



1115 SE 1st St Lincoln City, OR 97367
MLS #10-2683

Rare lake front commercial property zoned GC. Existing building features 3646SF, includes two tax lots for a total of approximately .40AC. Located across the street from D-River State Park and centrally located in Lincoln City close to shopping and dining. Level 1 Environmental Site Assessment on file.

Contract Information

List Price 950,000 Bank Owned? No

General Property Description

Property Type	Commercial	Book Section	Commercial
Realtor.COM Type	Commercial	Area	NLSE - Lincoln City SE
Frontage	Lake	View	Lake
View 2	None	Total Bathrooms	2
Total SqFt.	3,646	Year Built	0
Lot Size	IRREG	Lot Acres	0.40
Garage Type	None	Garage Stall	0

Location, Tax and Other Information

County	Lincoln	Property ID	R261959
Taxes	0	Tax Year	2010
Parcel Nbr	071115AC-3600-00	Subdivision	NA
Zoning	Gen Cm	Hwy 101	East Side
Directions	Hwy 101 to SE 1st St to property.		

Status Change Info

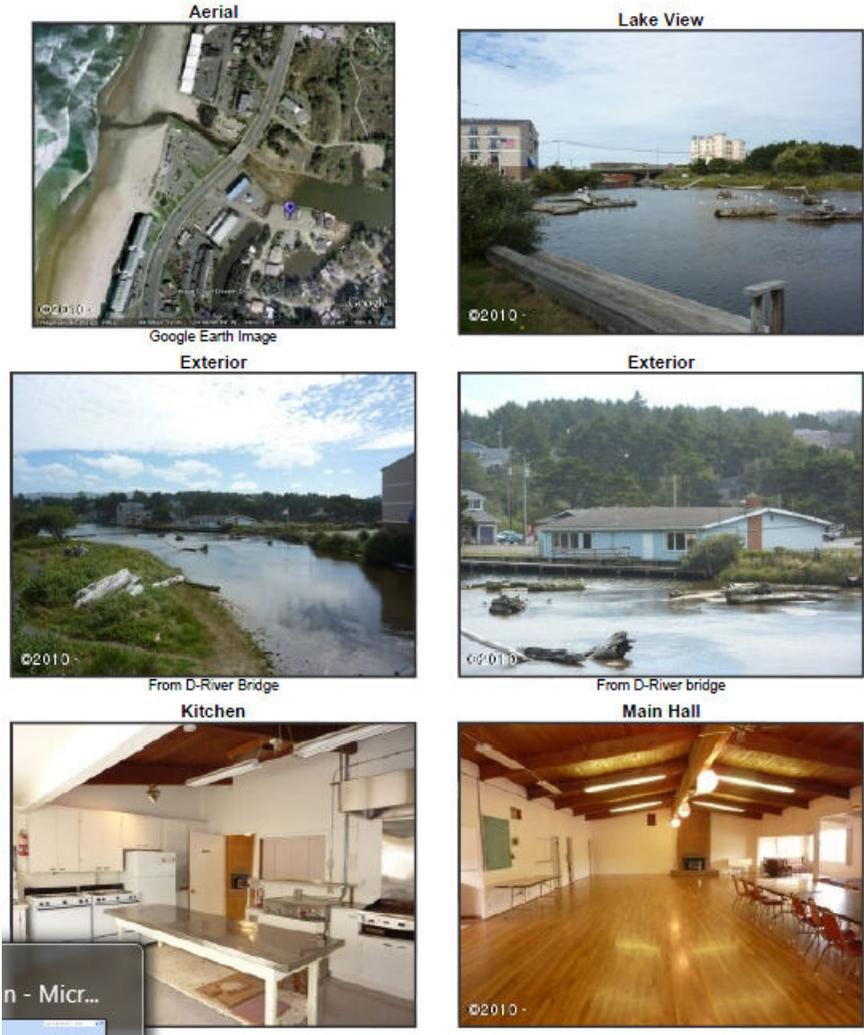
Status Active



Dennis Regen, CRS
Prudential Taylor & Taylor Realty
3891 NW Highway 101
Lincoln City, OR 97367
teamregen@realestatelincolncity.com
541-994-9111
<http://www.dennisregen.com>

Details

Legal:	Tax Map#: 07-11-15AC; Tax Lot#: 3500-3600; Block: 7; Lot: 1-4; Tax District: 412
General Info:	Building Type: Frame; Condition: Fair; # Units: 1; Levels: 1; Possession: NEGO; Exterior Color: Blue; Flood Plain: Flood Plain Addendum Required
External Features:	Roof: Other; Siding: T1-11; Foundation: Cont/Con; Street Surface: Paved
Internal Features:	Water Heater: Electric; Dishwasher; Range/Oven; Refrigerator; Ceiling: Vaulted; Floor: Hardwood; Walls: Paint
Utilities:	Sewer: City; Water: City; Electric: On Property; Gas: On Property; Heating/Cooling: Forced Air; Alternate Heat: Gas Fireplace
Seller Terms:	Cash; Conventional
Financial Info:	Escrow Preference: Western Title



Urban Renewal District: Both parcels are in the Urban Renewal District boundary which does make for an interesting opportunity we can explore further. I have been in contact with the Director and the Assistant Director about this project for a number of years. Not to say we have any agreement, but I do know there is interest in the District. In fact I am meeting with UR as early as next Monday, so I should be able to provide more details of what involvemtn they may be able and interested in playing.

Portland State University: PSU house the Center for Lakes and reservoirs. I have alerted PSU again as to the Café idea and have garnished the support to at least explore the idea again. The school itself is short on cash it was suggested, but that might not preclude the PSU Foundation’s support for this rare opportunity.



SDAO Flex-Loan Program: Marketed now as the cooperative financing programs through Wedbush, this loan program available to special districts like our own allows for lower interest loans based on the security of a taxing authority. Payments are semi-annual, due July 1 and Jan 1 which befits the tax collection structure of the District. Loans are 15-25 year fixed loans with rates currently in the 3.5-4% range. Loans can be made for land, buildings, improvements and equipment.

On a 20 year loan figure annual cost of \$7,500-8,000 per \$100,000 borrowed. If the District borrowed 500,000 then it would need \$37,500-\$40,000 a year.

Local Lending: I spoke with Oregon Bank and TLC federal Credit union as well. Rates start around 6.5% and for Oregon Bank with 25-30 year amortization schedules with a shorter maturity (ballon payments). TLC would be similar but are statutorily limited to 15 years for loans. TLC would also want 25% down.

Urban Renewal Façade Improvement Loan: The facility will need a new roof shortly as there are currently leaks as I understand but there are many opportunities to roll an improvement loan into a purchase agreement or the like. Should the District acquire the property, it could then apply for a façade improvement loan which could cover the cost of a new roof and necessary improvements up to \$50,000 for one project and up to \$100,000 in total with a second loan. These are 0% interest loans. Some origination fees apply. This would be an even lower cost alternative to adding in the improvements to a SDAO Flex Loan.

Operation Costs:

Electric, Water & Gas = \$200-\$250 a month when used as bingo & potluck hall
 Garbage: \$30

Insurance: \$1,000 - \$1,400

Phone and internet: \$120 (same as we are paying now)

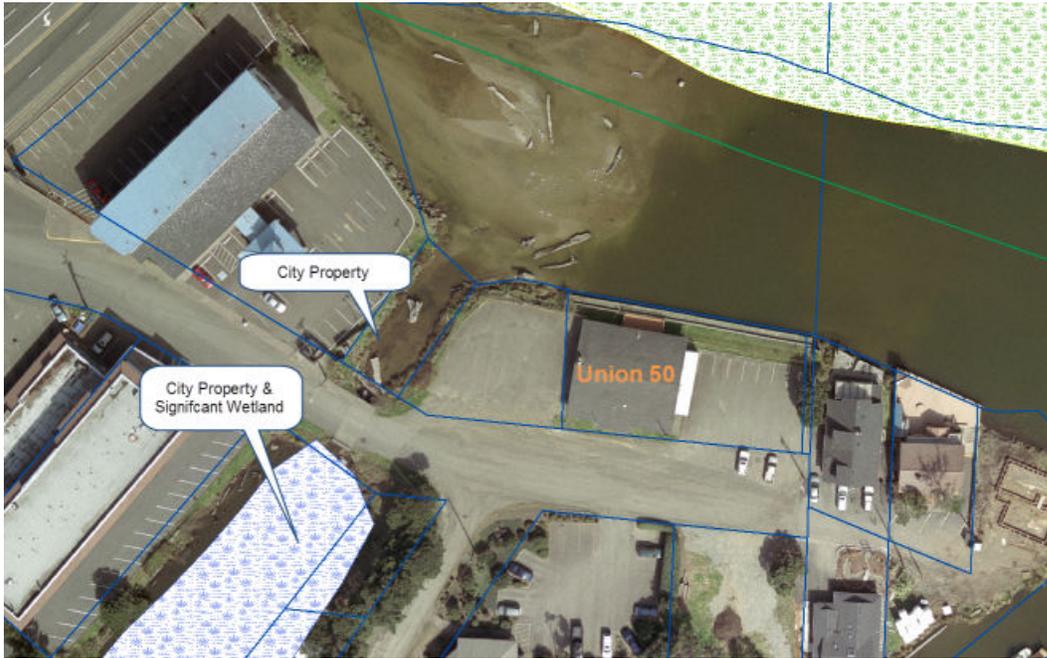
Funding & Affordability: Currently we are spending approximately \$14,400 a year just on rent, plus another \$1,500 a year on boat storage. If we had \$40,00 annual debt service, that would leave approximately \$24,000 a year we would have to come up with, which is easily doable. We have netted approximately \$40,000 on average each of the last 5 years since I have been manager and took over as budget officer. Also like the City of LC and NLFR when the Urban Renewal District sunsets, DLWID will increase its revenue receipts. For us that means some \$25,400 in 2010 dollars. This occurs in 2013 and will be available in the 2013-2014 tax year as I understand. The District also has some \$360,000 in Reserve currently, a portion of which (\$100,000) is set aside for Vegetation Management. This leaves a sizeable amount of money for down payment opportunities or matching money for grants that could be explored. We also need to investigate other potential partnerships such as the Siletz Tribe which conceivable may be interested in a partnership based on cultural aspects of the area as well.

- b. **Canal Dredging:** Spoke with Carrie Landrum of DSL. We do not need a permit to just remove logs. To remove sand or other sediment however we would and would be classified as Maintenance Dredging. Permit would also be required if we were to transport sand by fluidizing it and pumping it out to the main channel for instance as that would be removal and fill. Whatever method might be employed would be scrutinized by ODFW. Property in the canal is under City ownership so we would have to get their permission. Property on the south side of the small bridge is also under city ownership but is also Significant Wetlands and thus there may be additional prohibitions doing work in that parcel in that regard.

Entity	Activity	Cost	Volume	Conditions
Private Party	Removal Only	\$88	<500 cubic yards	Upland Disposal
Public or Commercial	Removal Only	\$258	<500 cubic yards	Upland Disposal
Private Party	Fill*	\$259		
Public or Commercial	Fill*	\$643		

*Removal and Fill projects require one permit at higher of two fees.

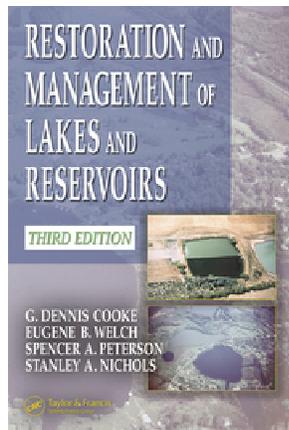
COST: The cost to excavate and remove materials by one estimate is \$270 hour plus some for disposal. This included two trucks and an excavator. When calculating the area from under the D River bridge to the east side for Emergency Dredging we estimated 10 truck loads and with disposal, the contractor estimated this would cost around \$1100-1200 dollars. This was a 300' x 3' x 3' or 100 cubic yards. Access is not as simple as there are private lands involved as well as the higher elevation from which an excavator would have to be placed relative to the north shore which is about at the same height as the lake (at least when the lake was where it was). The volume in just the north parcel might be estimated to be 100' x 20' x 3' = 222 yards which is about double the Emergency channel dredging estimate, some \$2,500. This would likely be an annual endeavor.



- c. **Contract:** The Manager’s Contract was extended in July 2010 until Dec 31, 2010. Staff is requesting to negotiate a new contract beginning January 1, 2011.
- d. **Library:** Seeking authorization to purchase book to expand the District’s library. Cost \$162.95 plus S&H. Authors are highly respected and the book is comprehensive with 616 pages including a section dedicated to Grass Carp.

Restoration and Management of Lakes and Reservoirs, Third Edition

G. Dennis Cooke, *Kent State University, Ohio, USA (RETIRED)*; Eugene B. Welch, *University of Washington*, A. Nichols, *University of Wisconsin, Wisconsin, USA*



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- e. **Vacation Request:** I am taking Nov 12 off in lieu of Veterans Day which is our meeting date this month, but am requesting the following days off: November 15, 26 & Dec. 31, 2010. I currently have 5.5 days left under my expiring ½ year contract, and thus would request the other hours be available for use at my discretion provided it di not run in conflict with any meetings.