



Devils Lake Water Improvement District

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www.DLWID.org

Quick Look:

- Board Swearing In
- 319 Grant
- Native Vegetation
- Intern
- RARE

AGENDA

Regular Meeting & Executive Session (ORS 192.660, 2, i)
2009 July 2 at 6 pm. in the DLWID Office.

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|---|------|
| I. Swearing in of Board Members: Green & Skirvin | 6:00 |
| II. Board Elections: Chair, Vice, Sec/Treasurer | 6:05 |
| III. Minutes of the Previous Meeting | 6:10 |
| IV. Financial Report: Budget Filed with Assessor & Clerk | 6:15 |
| V. Public Comment (Agenda Items, Please limit comments to 5 minutes per person) | 6:20 |
| VI. Unfinished Business (Agenda Support Item A) | 6:45 |
| 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: SolarBees | |
| e. DLWID Internship | |
| f. RARE Internship | |
| g. Financial Oversight Committee Report | |
| h. Contract Review/Renewal | |
| VII. New Business (Agenda Support Item B) | 7:30 |
| a. Communications Committee Report | |
| b. Board Vacancy | |
| VIII. Non-agenda Items | |
| IX. Public Comment (Non-agenda Items, Please limit comments to 5 minutes per person) | |
| X. Announcements | |
| a. KBCH 1400 am: following Tuesday 7:15 am | |
| b. Oregon Lake Association: September 11 & 12, 2009 | |
| c. Erosion Control Seminar: October 8, 2009 | |
| d. NALMS: October 27-31, 2009 | |
| XI. Adjournment | 8:00 |

Note: Executive Session to be held at discretion of the Board of Directors in accordance with (ORS 192.660, 2, i)

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.

Unfinished Business

- a. Boat House/Docks: Sent email to Dan Avery of ODFW seeking finalize version of their recommendations.
- b. Land-use Complaints:
 - i. 2551 EDLR: Bio-restoration being considered. No new information
 - ii. 11th & EDLR: Fill to be removed by 2009-10-31
 - iii. Seid Creek: No new information
- c. Lake Level: Lake has been maintaining at about 9.40' this month and is still running over the top of the dam. We were instructed that 18" of dam boards would be allowed under the water right, which is what Steve Hoover our lake contractor reports we have in place. This 18" should provide a dam height of 9.53" above mean sea level if in fact the concrete is at 8.03" as recently stated. There is some apparent discrepancy. We have not received any complaints of water being too high from the campground, nor complaints of water being too low. When the water discontinues flowing over the dam, the height is expected to be approximately 9.30'.
- d. The Devils Lake Plan
 - i. DEQ 319 Grant: We were awarded \$15,000 grant from DEQ to complete the items listed in draft form in the post below. An agreement on this workplan is anticipated by DEQ to be signed by July 2009 with work to be completed by Nov 2010. I believe this all is doable from the District's stand point. We will have to ally with Dr. Jesse Ford of OSU for database management, and may have to hire some help with data entry and data mining which could be done in part with the grant money. I have yet to hear back again from Dr. Ford regarding what she might be able to create with the funds available, but I suggested to her that \$10,000 might be her portion with \$5,000 going to data mining and data entry. We would be required to provide In-Kind match equivalent to \$10,000. When we submitted previously, we had staff time valued at \$39.50/hr with \$13.80/hr overhead (rent, computers, software, etc.). Thus we would have to commit to 188 hours or approximately 5 weeks spread over the course of the project. If DEQ and Dr. Ford are on board I would like to have the District authorize this workplan as drafted below. Note that this workplan does not include the septic tank GIS layer, but I have included that project into the RARE internship. We can still obtain the expertise from the City of Lincoln City, specifically Sandy Gruber to construct this very useful tool. It was however not within DEQ's primary objectives for this 319 Grant, and has been excluded. That does not prohibit us from completing the project though, and with our new intern, and later with the RARE intern we should have the capacity to move both the data management project and the septic tank revitalization project forward.

319 PROJECT WORKPLAN for DLWID

– draft June 17, 2009 (rdw)

Component 1: Quality Assurance Project Plan (QAPP) Development and Approval

Task 1: Recipient will develop a Quality Assurance Project Plan (QAPP) and an associated Sampling and Analysis Plan (SAP). The QAPP will be developed according to DEQ Laboratory Volunteer Monitoring Program guidelines (<http://www.deq.state.or.us/lab/wqm/volmonitoring.htm>) and (<http://www.deq.state.or.us/lab/wqm/docs/DEQ04LAB0047QAPP.pdf>). The QAPP and SAP will identify the parameters to be measured and methods that will be utilized to collect and manage data, sampling sites, frequency of sampling, QA/QC procedures and a schedule for conducting and completing all primary tasks. Recipient will develop data validation and management procedures for inclusion into the QAPP no later than _____.

The SAP will contain Recipient's field operations methods for specific data collection projects.

Recipient will submit a draft QAPP and the SAP to DEQ for review and comment no later than _____. The QAPP must be approved by DEQ prior to data collection using 319 funds.

(NOTE: The SAP is not needed since we aren't paying for data collection with the 319 grant. The SAP is useful in conjunction with a QAPP that acts as the template for all data collection & QA/QC (irrespective of project). The project-specific SAP IDs locations, data to be collected, dates, personnel, equipment, safety, etc...) there's lots of specifics here:

<http://www.deq.state.or.us/lab/techrpts/technicaldocs.htm>

Task 2: Recipient will incorporate DEQ comments and prepare the final QAPP for approval by DEQ before field work begins using 319 funds. The QAPP is in effect when all parties have signed the cover page to the document and DEQ concurrence is received by Recipient via email or hardcopy. The official copy will be maintained at the DEQ lab.

Component 2: Assess data quality, conduct data analysis and prepare data report

Task 3: Recipient will maintain analytical data collected under this Agreement following data management procedures in the QAPP. Data collected in previous projects will be assessed and managed in a Microsoft Access database or similar; water quality data will be graded according to the QAPP and will be submitted to DEQ for incorporation into the LASAR database in cooperation with DEQ's Volunteer Monitoring Coordinator. Water quality monitoring and data management activities will be completed by _____.

Task 4: When Recipient utilizes contract laboratories for sample analyses and data reporting for those analyses not conducted in the field or at Recipient's laboratory, Recipient will assess QA/QC procedures for contract laboratories to ensure consistency with Recipient's project QAPP, including data quality validation (i.e., grading). For past projects, Recipient will attempt to identify the applicable QA/QC plans in effect at the time data was collected. For example, laboratories must maintain documentation for Oregon Environmental Laboratory Accreditation Program (ORELAP) and National Environmental Laboratory Accreditation Conference (NELAC) that is tracked by date/version (for more information, see <http://www.deq.state.or.us/lab/orelap/orelap.htm>)

Deliverables: (a menu of options that we can discuss)

1. Recipient will prepare an Interim Data Report summarizing all data collected, validated and compiled into the database through _____ to DEQ by _____.
2. Recipient will prepare a Data Quality Compliance Report for water quality data collected from (dates) _____. The report will address compliance with completion targets for the collection of data that meets precision and accuracy targets listed in the QAPP or other applicable QA/QC plan.
3. A Microsoft Access database (or similar database) of all data evaluated by Recipient for data quality, and data collected and managed according to the QAPP & SAP developed under this Agreement, will be provided to DEQ no later than _____ for incorporation into the DEQ LASAR database.
4. Recipient will submit a final Data Report, a Data Quality Compliance Report, and a preliminary (*summary?*) lake water quality assessment report to DEQ no later than _____.

ii. Native Vegetation:

1. Tetra Tech: Have received some feedback from Dr. Pennington at Tetra Tech regarding the project. She has provided a template document similar to what they might provide to us with provisions for riparian, wetland, and aquatic plants. She said she would have a scope of work for us by our next meeting.
2. ODFW: Below are questions Jack sought answers to from ODFW regarding Native Revegetation with a summary of their responses in BOLD. I met with John Spangler of ODFW 2009-06-17 for two hours at ODFW's office in Newport.

First - I would like the ODFW to join with the DLWID in the aquatic vegetation project. The DLWID could provide the people, property, supplies and equipment. The ODFW would provide oversight and get the credit for any success.: **Not feasible with current staffing. This is a DLWID project who should get all the credit for its success. ODFW would provide comments on DSL permit pre-submission.**

Second - some procedural questions.

Do you have a general ideas of how your alternative would work at Devils Lake? Sites? Size? Construction? Limitations? Etc? **Suggestions are conceptual. Recommend meeting with Sam Chan, OSU extension and conferring to comparable studies such as Waggy MSc. DLWID to determine size. Would recommend evaluating structural needs based on wind driven debris, the exclosures might encounter. Could locate to limit debris exposure.**

Will the R/F permit need to be reissued? Does the ODFW get an exemption for their projects using no - R/F? Since all structures are temporary and will be removed - we should not need a R/F permit. **Permit--Yes, Exemption--No Temporary structure also require R/F permit. If doing restoration, may be eligible for a no-fee permit.**

Do you have suppliers or manufactures of the 1/8" mesh? Could the mesh be enlarged is the 1/8" is not commercially available? The small mesh could clog and reduce the free flow of water around the plants. **Memphis Net & Twine can build to suit. Should be available in metal mesh as well as fabric. Design would be picket fence type design, so plants would be exposed to sun directly and thus clogging would not impair photosynthesis. Clogging around the net may reduce wave action, but should not impair oxygen exchange.**

How do you define the "littoral zone?" The dictionary defines it as, "pretaining to the shore of the lake." Do you have some ideas about what you would like to see about the size and project locations? **Nearshore with connection to shoreline. Possible half-moon shaped or rectangular shaped with open access from shoreline. Size would be for DLWID to decide given upland land owners consent or partnership.**

Can you describe the monitoring and reporting that you would want to see? **Primary concern is keeping fish out. Could develop partnership with Gary Galowich, ODFW to electroshock the exclosures. Key would be to make the exclosures accessible for shocking from their boat. As to other monitoring, it is up to the District to decide if we want to make this Research or Restorations. The latter would be simpler. Either way must clearly state our objectives, and how we will seek to identify how these objectives will be met.**

Could ODFW draft the outline of an aquatic vegetation project that would answer all of your concerns? That you could be a partner? **ODFW would review DLWID's application pre-submission.**

- iii. Whole Lake Circulation: SolarBees: Project on hold until additional information can be ascertained about cyanobacteria toxicity and boating hazards. Toxicity monitoring will likely begin shortly given the current proliferation of cyanobacteria in Devils Lake.
- e. DLWID Internship: Hired Hannah Nicholls, and UO student studying Marine Biology. She is starting 2009-06-29 full time and had a training day two weeks prior. She is a local person, graduating from Taft High School and has residence in the community.
- f. RARE Internship: Submitted the RARE application via email and through US Postal Service. District has committed to the \$19,000 match, to be funded out of the improvement Fund. Projects to be conducted include creation of a septic tank revitalization program, Share our Shoreline education campaign and water quality testing. Intern will serve from Sept 09- Aug 2010. Interviews to be held July 27-31.
- g. Financial Oversight Committee Report: It may be premature for a report from this newly formed committee, but this is a placeholder for that committee should they have information to report.
- h. Contract Review/Renewal: Manager's contract to be reviewed.

New Business

(Agenda Support Item B)

- a. Communications Committee Report: It may be premature for a report from this newly formed committee, but this is a placeholder for that committee should they have information to report. I would like to obtain a contact name for future reference.
- b. Board Vacancy: I have notified the media of the vacancy for the board. We had two names provided from previous meeting, and I have had one person call in reference to the opening, but no applications received at this time. We are providing until July 15th for interested parties to submit applications, with the intent of interviewing applicants at the August meeting, and appointing in September, 2009.