



**MINUTES  
DEVILS LAKE WATER IMPROVEMENT DISTRICT  
REGULAR MEETING**

**DLWID OFFICE  
April 5, 2007  
6:00 P.M.**

- PRESENT:** Brian Green  
Otis Winchester  
Smokey Aschenbrenner  
Jack Strayer  
Robert Landhuis
- ABSENT:** None
- AUDIENCE:** Doug Pirie  
Don Sell  
Raylene Erickson, PADL Recording Secretary  
Pat Payne
- STAFF:** Paul Robertson
- MEDIA:** Garret Jaros, The News Guard

The meeting was called to order at 6:00 p.m. by Chair Winchester.

**Minutes of Previous Meeting**

Aschenbrenner moved that the minutes of both the previous month as well as the February 20 vegetation management meeting be approved as submitted, with the provision that the recorded version of the vegetation management meeting be available. The move was seconded by Strayer.

**Vote:** Unanimous. Motion passed.

**Financial Report**

Robertson explained that the financial report was the same as usual, except for a couple of late-arriving invoices. The \$350 item for Ocean 18 Media Services, a new vendor, is for website design. Strayer asked for a more detailed description on the services of Schooner Creek Construction. Robertson explained that this was an annual contract. Strayer asked if a log or a check-list of hours spent on specific projects could be created

to document work completed. Robertson replied that the vendor would provide information upon request. He explained that the vendor collects data daily and his projects vary from time to time. Next, Robertson explained the perceived change in the general fund was due to transfers to the TLC checking and money market accounts.

### **Public Comment**

None on agenda items.

### **Unfinished Business**

#### **Chetlo Place**

Robertson reported that there was virtually no change from last month. The land owner has been requested to provide information on his project to the State, and to date, he has not done so. Since there is no change on the property, it would appear that he has ceased his work at this time. Robertson will continue to monitor the progress and has asked that Erinn Birmingham from the State keep him apprised of any activities.

#### **Green Acres**

Robertson and Paul Katen did site visit Katen also went to Devils Lake Rock to obtain an estimate on gravel costs. The technical contact for infiltration design for the structure is Greg Beaman, District 1 Water Resources Department. Robertson said he has not been in contact with Randy Neals lately, but got the design through Beaman. Robertson should have completed the grant for obtaining funds by next week. Target date for everything in place is June, with a tentative starting date for work in July. Strayer asked for the diameter of the structure, which began a technical discussion of the design. Robertson said the clay seal will prevent pollutants from entering the well while keeping ground cover from seeping into the rock layer. Cost of the rock should be about \$600 for three loads at \$20 per load for delivery. The job estimate is approximately \$2,000 if labor is free.

#### **11<sup>th</sup> & EDLR**

No changes here. Robertson will continue to monitor the situation, along with the Chetlo Place project.

#### **Erosion IGA**

Robertson has talked with the city engineer, who has reviewed the letter and said that the City appears to be in favor of the partnership; however, they did not act on it. Aschenbrenner asked if a document existed. Robertson said he has sent two proposals, but has received nothing. Raylene Erickson reported that the mayor had called her and indicated that Richard Townsend was occupied with personal issues, but would address the request in about a month and present it to the City Council. Robertson said that if any members of the Board would be willing to call any of the City people, it might cause them to take action.

#### **Power Line Over Canal**

Robertson said Pacific Power had accomplished two projects—installing a new pole that raised the wire 15 feet, while a 2 x 6 extension on the other end raised it about five feet overall. Robertson said he was satisfied that they had responded as requested.

### **Thompson Creek**

Robertson reported that he had worked more than a week on the bacterial monitoring program that will begin in a couple of weeks. He is working to ensure that the report complies with the monitoring programs of the State DEQ so that DLWID will receive recognition for the project. Robertson created a draft from a previous bacterial monitoring protocol program and is molding it into their model. It is similar to a grant application in that it is very specific. It includes SAP's (Sampling and Analysis Plans) and BST (Bacterial Source Tracking). He stated that to complete the project he would require a new GPS system.

Green asked about the "impaired" designation. Robertson replied that if water bodies fall below standards for anything, including temperature or chlorophyll a, they could be designated as 303d. It may also refer to bacterial pollution, such as that in Thompson Creek.

### **Boat Houses and Docks**

Robertson stated that he had received 136 responses on the survey, which is a high response. A 3% to 10% would be successful; but, nearly half the surveys were returned. Of the 280 lakefront owners that are not PADL members, 74 responded. It appears there is a lot of support for what DLWID is attempting to achieve. The survey results were discussed more thoroughly. With such a large response, Robertson feels that this will provide ammunition for the County to begin some action on an ordinance.

Strayer expressed his dissatisfaction with proposed restrictions. He said he feels if you have the land you should be able to install a dock. If you have a 12-foot right of way, you should be able to have a 12-foot dock. Green suggested that perhaps the restriction should be changed to the length of a dock's extension into the lake. Robertson agreed it would be more appropriate to leave the shoreline pristine and install an L-shaped dock, since boardwalk is not advantageous to the lake. Jerry Warner was the first one to note that land owners could build three-story boat houses and restrictions were imperative. Landhuis stated that many people have indicated they do not want their lake covered with boathouses and ODFW wants to restrict the structures. Robertson said the next step is to take the survey to the County and request that they change the ordinance. Robertson stated that this would provide the County the tools that they do not have in their code. Strayer replied that in his experience, once the County establishes a rule, residents have no recourse. Landhuis stated that the Board has been working on this for more than two years.

Green moved to continue communication with the County, take the survey to them and request that they act on it with an ordinance—perhaps tweaking the draft of the one that DLWID has already presented to them. Aschenbrenner seconded the motion.

**Vote:** Four to one in favor. Motion carried, with Strayer dissenting.

[www.DLWID.org](http://www.DLWID.org)

Robertson provided a demonstration of the new website. He explained that he is working with Michell Moore to change sizes of the documents for easier downloading. The Flash program allows the viewer to view pages as they go along and not have to wait for the entire document to download first. Three maps were included. Robertson stated that agendas and minutes of each monthly meeting will be installed; he will be updating the site with bacteria results and other activities that are on-going. The Board expressed their satisfaction with the site.

## **New Business**

### **Resolution 07-01 Special Reserve Funds**

Robertson explained that this Resolution would dissolve three separate accounts and place them into the general fund until July 1 when they would be placed into a special reserve entitled Improvement Fund that would include capital improvements and other projects designed to allow vegetation management projects. This Resolution will save bookkeeping funds and maintenance fees, allow more flexibility and could be abolished at any time. Robertson has checked the Resolutions establishing the funds and there is no indication that they would revert to a specific fund if not used. It was determined that if an expenditure is viable for more than one year, it can be considered a capital improvement. Green moved that the Resolution be adopted as written. Aschenbrenner seconded.

**Vote:** unanimous. Motion carried.

### **DLWID Archivist**

Special District Association of Oregon has a matching grant program for interns. Robertson explained that he needs assistance in organizing data. The data could be digitized and would benefit anyone wishing to obtain information. Winchester asked if there would be a candidate for such a position and Robertson said he hoped so. They could perform on a contract or even a stipend basis—no employee/employer relationship would be created. Last year, \$3,000 was placed into the budget for such a position. Landhuis asked about the length of the intern's project and Robertson replied it would be for approximately two months during the summer break. Aschenbrenner asked if the District might have any information on candidates. Strayer asked if the information would be placed on the website. Robertson said yes and that the study from the University of Washington was one example. Robertson said that submission for the internship must be by April 20 or sooner. He would seek a sophomore or junior student and would like to provide a learning experience for more than data entry; for instance, assisting in the bacterial monitoring and some other projects. Aschenbrenner asked if \$3,000 was the maximum that would be needed. Robertson responded yes, but that they would require a second computer, that was already in the budget. Green moved that Robertson apply for a grant in the amount of \$2,000 with the understanding that the District would match the amount within the time limit to do so. Landhuis seconded the motion.

**Vote:** Unanimous. Motion carried.

### **GPS Purchase Proposal**

Robertson said that he has been searching for his personal GPS system that was lost. He requires one to perform his work. Aschenbrenner asked about the differences between GPS systems. Robertson responded that the Magellan Explorist model #210 would be the best, since he could use his existing software. Aschenbrenner moved that Robertson be allowed to purchase a GPS system that would be compatible with the existing software at the best price; Green seconded the motion.

**Vote:** Unanimous. Motion Carried.

### **Wind-Powered Circulators**

Landhuis stated that he has been researching methods of circulating water, which seems to be what the Board is ultimately interested in to partially solve the problems. Solar Bees are expensive, said Landhuis, and there are hundreds of methods of stirring up water. He found a wind-powered circulator of a company that has been in business for 25 or 30 years. They circulate water for drinking and for septic systems. The Board studied the literature distributed, along with the proposal. The machine is stainless steel, durable, and the company feels Devils Lake is in a good location for wind energy. The price range of savings would be from 30 to 40 percent less than the Solar Bees. It was determined that 21 would be required for the entire lake. The minimum wind factor for functioning would be 4 mph. Strayer stated that he liked the simplicity of the circulator—it would be easier to install and maintain. Winchester asked if there were any close to Oregon that could be checked. Utah, was the response. Strayer asked about the size of the tubes and how they are anchored. Winchester said that they could hold another workshop to discuss the circulators. Green said there is no application where they have any experience that would be similar.

Strayer said that he had heard that the Solar Bees had been removed from Steilacoom. Robertson said he would call and ask if they had been removed, since he recalled that they had had the option of returning them.

A lengthy discussion ensued about the pros and cons of the wind circulators. Pirie provided some information about wind factors on the lake, since he sails frequently. It does not appear that formal data exists about wind factors within the District, but the other sources NOAA for instance might be able to provide such data, as well as solar data. Landhuis said a list of questions should be compiled and a representative asked to come and meet with the Board. Green stated that he is going to Bend in June and would check out the wind circulating operation in LaPine while he is there.

### **Blue Frog – Absolute Aeration**

Robertson distributed information about the Blue Frog circulating systems. He obtained this information via a call from a vendor he had met in Reno asking about becoming a part of DLWID's erosion control program. The product is a much smaller application of circulating lake water for lake management.

### **Bacteria Monitoring Program**

Robertson will begin this program on April 16. He will use the same sites as last year. He will obtain the samples each week and post the data which are color coded as to associated risk (Red, Yellow, and Green). The program should begin after the weather becomes warmer.

### **Lake Map at D River Space**

Lake maps are installed around the lake. Robertson obtained permission to place one at D River. Since the existing maps include boating regulations for boat launches, new stickers will need to be created for placement on half the sign to provide statistics, information and the website address to make the new signs more useful. There is a gate on the DLWID lot, and Ron Ploger has installed a lock to prevent people from accessing the property.

### **Non-agenda Items**

Robertson received a call from a land owner asking for information on shoreline bank stabilization other than riprap and concrete. There are no resources readily available through the District. Robertson said that he will try to compile some information to share. Another land owner asked about what wetlands plants she can use to rehab her property. Robertson said it will be a very busy month trying to dedicate some time to find resources for these two issues. He would like to install links on the website with the information.

### **Public Comment**

Raylene Erickson reported that there are two lots for sale north of the wetlands area near Blue Heron Landing. She asked if this might be something for Lincoln Land Legacy to research, since the lots are not developable.

### **Announcements**

Robertson announced that the Statewide Stream Award will be presented by the Governor on April 10 to Paul Robertson and other volunteers who worked to modify Rock Creek Dam. The state will issue a press release.

Robertson will speak on KBCH 1400 am at 7:00 a.m. on Thursday, April 12, 2007.

The meeting adjourned at 8:15 p.m.

Respectfully submitted,

Linda Burt