



**Quick Look:**

- Devils Lake Plan
- DEQ 319 Grant
- Budget Calendar

**Devils Lake Water Improvement District**  
Post Office Box 974, 820 SE Hwy 101 Suite D, Lincoln City, Oregon 97367  
Phone: (541) 994-5330 Fax: (541) 994-6040  
[www.DLWID.org](http://www.DLWID.org)

**AGENDA 2011 January 6**  
Regular Meeting: 6 pm, DLWID Office

- I.** Minutes of the Previous Meetings 6 pm
- II.** Financial Report
- III.** Public Comment (Agenda Items, Please limit comments to 5 minutes per person)
- IV.** 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)
    - vii. The Café --- Union 50 (Joe Barnes)
  - c. Communications Report
  - d. Safety Report
  - e. Thompson Creek
  - f. Erosion Study
- V.** New Business (Agenda Support Item B)
- a. Dredging Costs
  - b. Budget Calendar, Budget Committee and Budget Officer
  - c. Projector
- VI.** Non-agenda Items
- VII.** Public Comment (Non-agenda Items, Please limit comments to 5 minutes per person)
- VIII.** Board Comments & Announcements
- IX.** Adjournment

## Unfinished Business

- a. **Lake Level:** Spoke with Greg Beaman, Oregon Water Resources Watermaster about the letter we requested. He said that he would write it, to which I asked to have it by our Jan 6<sup>th</sup> meeting. He stated that the reason for the conditions being placed on the permit would have to be researched. He said this would take some time, and thus he did not give a firm date that we could expect to have the letter. The permit was established before his tenure. He suggested that the conditions were probably associated with comments from agencies or individuals that provided input.
- b. **The Devils Lake Plan**
  - i. **DEQ 319 Grant:** The Database is scheduled to be sent to DEQ and to us by December 31, 2010 as required by our grant agreement. A separate file including just the DEQ Grade A Data will be forwarded on as well. These are data which passed the standards established by DEQ and are described in our Quality Assurance Project Plan (QAPP). The QAPP was also developed as part of this project. Notably the database according to the contractor however will not include some paper only files associated with phytoplankton and zooplankton prior to 2003 (Please reference 2010-12-08 daily report and Memo from E&S Environmental Chemistry forwarded to the Board on 2010-12-10 for greater detail). However, DEQ has assured me that this will not impact our contract with them for completion of the database portion of the project as there is not a mechanism currently to house such data by DEQ anyway. ODFW may have a means of housing these data, but this will not be required for our 319 Grant.

All other documents, digital data, and reports will have been completed and processed, though so by in large the database portion of the project will be complete. However these phytoplankton and zooplankton data are important for our own internal dataset and are an important part of the total water quality dataset being assessed. This assessment is to be included in the final written report to DEQ, due March 31, 2011. Thus we do need to get these paper documents digitized as soon as possible. As our grant was for \$15,000 and E&S portion is \$14,480, there are still \$520 DEQ dollars available. However other cash or staff resources of the District may also need to be utilized. In order to get these data entered and processed, there are basically three options as I see it.

1. Simply require the data to be processed under the existing contract. This would likely require a protracted process with potentially legal costs to the District which would also then need to be recovered. As to the legalities:
  - The consulting agreement references our RFP and their bid. RFP states in the introduction "...population of existing data into a newly developed MS Access database for Devils Lake."
  - Our RFP also states under Scope of Work, "A second primary objective is the assessment and data entry of the existing data into the newly created database. Data from existing files and reports shall be graded according to the District's Quality Assurance Project Plan (QAPP)."
  - Their bid states under heading of Understanding, "Many of the data are present only in paper form in one of the many reports produced by a variety of authors,"

- Further their bid also states, "The database should have a number of characteristics: It should include all available current and historical Devils Lake related data;"
2. Create a separate contract for the completion of the data processing for \$1,760. This is roughly at the \$40 an hour rate quoted in the contract for additional work of this nature. This also is roughly what a ten percent contingency would be of the initial contract of \$14,480.
  3. Enter the data in-house. This could also be completed by our recording secretary possibly, or by a short term hire. E & S has estimated the workload to be 44 hours. Linda Burt has quote us \$25 an hour should we seek to have her do it. This would be approximately \$1,100. Interns or temporary labor generally costs the District \$14/hour but this would require a hiring process which would be time intensive. Lastly there are the resources of the Project Management Specialist, and/or the Lake Manager both of whom could dedicate some amount of hours to the project.

*Staff Recommendation:* It is my suggestion that we do the work in house, contracting with Linda Burt for a short period during the month of January, possible as late as early February. We do need to have these data processed as part of the preliminary data report due March 31, 2011 and thus there isn't time to wait for an intern should the District even so choose to have one this year.

Billing Issues: DEQ will retain a percentage of the grant funds (estimated to be \$1,500 or 10% of \$15,000) based on their receipt of the final report. This final report is DLWID's responsibility. Should we determine that E & S and any other sub contracts (e.g. Linda Burt's Accent On Business) have completed their contracts before the final report and thus deserve final payment, DLWID can front those costs and then just be reimbursed by DEQ. This I believe is the simplest method, and with a motion from the board, will be how I handled these final payments.

- ii. **Native Vegetation:** Devils Lake Most Wanted and Least Wanted posters have been through multiple revisions, and are nearly ready for printing. This has largely been done by Seth who is going to investigate cost of printing in the next day or so as well. My intent is to have these framed or at least mounted on foam core for display in the hall and in the office.
- iii. **Septic Tank Revitalization Program** (Seth Lenaerts)

I met with David Hawker a couple of times this month. In those meetings we discussed the District's willingness to consider assisting in administrating the septic inspection ordinance. In addition, I reported that the Board is open to the idea of the ordinance having a provision that would allow for one tier to be inspected and the remaining tiers to be inspected "as funds become available". In both conversations Mr. Hawker has reiterated that the "as funds become available" provision is seen as a favorable approach. Ordinance release date has not been set.

### **Fact Sheet**

Fact and informational sheets have been created. I hope that these sheets are helpful to show the reasons and many benefits to having an inspection ordinance. Additionally, the intention for the sheets is to help frame the ordinance in the context of the District's current and future goals.

The information is meant to be a quick overview of what has been done thus far and what is now known. These sheets also should serve to guide conversations with City Councilors and offer a convincing and consistent message of the importance of a septic ordinance.

These sheets are simply intended to be guides and can be changed and updated. Feedback and suggestions are welcome.

### **Councilor Discussions**

Ideally, at this point there would be a firm date to expect the ordinance to be finished and subsequently released. Short of an actual ordinance, the timing of when to begin to talk to councilors may or may not be a moving target. Although, it would be reasonable to wait until there is a draft, I think it would be better for us to get our message out now. With the combination of the New Year and the new City Council, January provides a logical opportunity to refresh the re-elected councilors and to introduce new councilors to the inspection ordinance.

### **DEQ Improving the Onsite Septic System Program.**

DEQ recently released policy package #120 which pertains to onsite septic systems. The policy package consists of a few recommendations that were created by the Onsite Advisory Committee, which met in 2009 to come up with recommendations to improve the Onsite program in 2010.

The relevant policy initiatives in #120 include, a time of property transfer inspection for all properties located in the Coastal Zone, creation of a Subsurface Sewage Disposal System Improvement Fund and mandatory maintenance agreements for owners of sand filter systems.

For Policy Package #120 to be successful, the support of both the State Assembly and Senate is essential. Assembly member and Senators want to know that there is a need for this and that it is relevant to their constituents. What Devils Lake Water Improvement District and the City of Lincoln City are doing certainly shows relevance. Therefore, I suggest that the District draft a letter in favor of this Policy Package and send it to local representatives and committee members.

Since the 2011 session begins in early January, I will have a draft letter available at the meeting for the Board's Review, if we choose to move forward.

#### **iv. Save our Shoreline Campaign** (Seth Lenaerts)

**EDLSP:** Katie is happy with the initial plans. She will share them with John who is responsible for maintenance and upkeep of the park. The intention is to do the planting next fall. We will cover it with plastic throughout the summer and hopefully that will kill most of the Reed Canary Grass. Then the planting can take place in fall.

**Regatta Grounds:** I will have met with the Assistant Engineer, who I have been working with on this project to show him my grading plans and intend on meeting with Ron Ploger the head of the parks department shortly after.

**Plantings:** Contact was made with two people interested in taking part in the Save our Shoreline campaign. I met with one of them and did a site evaluation. The second was requesting more information and we will touch base again in the spring.

- v. **Vegetation Management:** The latest copy of the Devils Lake Plan will be sent out Monday Jan 3, 2011. At our upcoming meeting, the board needs to decide if the document is ready for public input. If so, I have tentatively scheduled two open houses in late January which hope to reach both agency folks as well as the general public. Proposed dates and times are posted below. Additionally we have our February meeting to receive public input. If these dates and time are acceptable, I will send out stakeholder letters requesting participation, include copies of the document, plus an input survey form I developed. If acceptable, I can send these out as early as the Monday following our meeting. I have also been working on a slideshow presentation for the release of the document which will air at the open houses and be available for viewing online on our Projects page. The presentation focuses on the action items in the plan, and should be a good way of reminding people about the many facets of the plan as we seek input. A copy of the survey form is attached below.

**Proposed Open Houses:**

January 29, 2011, 2 pm – 4 pm  
 January 30, 2011, 10 am – 12 pm

Devils Lake Water Improvement District  
 820 SE Highway 101, Suite D  
 Lincoln City, Oregon 97367

Copy of Survey Form

Name: \_\_\_\_\_  
 Affiliation: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

	<i>We are interested in partnering.</i>	<i>A permit is required from my agency.</i>	<i>We may have or know of funding sources.</i>	<i>Please rank in priority 1st, 2nd, 3rd ... last</i>	Please provide specifics regarding ways you can partner, specifics on permits required, funding opportunities, and other individual comments:
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Septic Tank Revitalization					
Stormwater Management					
Wetland Preservation, Creation & Enhancement					
Shoreline & Riparian Vegetation					
Erosion Prevention and Sediment Control					
Sanitary Sewer					
Phosphorus Reduction					
Low Impact Development					
Pesticide Reduction					
Heavy Metal Reduction					
Hazardous Materials Team					
Invasive Species Prevention					
Native Vegetation					
Invasive Species Control					
Grass Carp					
The Center for Applied Freshwater Ecology (The Café)					
Water Quality Monitoring					

Additional Comments & Suggestions:

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Signed: \_\_\_\_\_

Dated: \_\_\_\_\_

Grass Carp: While the primary current objective on the Grass Carp Strategic Plan is the adoption of the Devils Lake Plan, other fact gatherings continue as well. A formal public information request has been sent to ODFW regarding information leading up to the rule changes for grass carp. I also requested information on applications that have come up on appeal. We have already downloaded a couple of such appeals, and have acquired many additional documents on grass carp to date. ODFW is still processing our request at the time of this staff report. Should I receive all these requests in a timely manner, it is my intention to have completed a review of all these documents by our February meeting. As to the rest of the Grass Carp Strategic Plan, I am proceeding with items in sequence, and encourage the board's ongoing input and direction. Should there be changes or additional suggestions please provide them such that we can incorporate them as early as possible. The latest copy from 2010-12-27 has been provided separately.

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

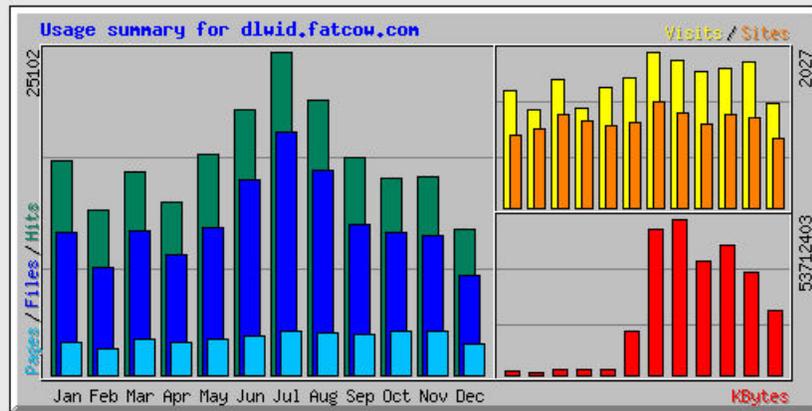
Manager's Note: I heard from Brian that petition was to be filed 2010-12-29 with over 70% of property owners signed up. Great work!

vii. **The Café --- Union 50** (Joe Barnes)

- c. **Communications Report:** With the close of 2010, I am providing a brief summary of some data collected about our website and listserv as well as other items in the 2010 draft of the Communication Plan. As time is available an update to a 2011 plan should be developed. Much of the outreach mechanisms however will likely be repeated in the upcoming year. I am pleased to announce that we have made use of much if not nearly all of the intentions placed in the plan. This includes local radio broadcasts, the website, direct mail, a budget publication timeline, the Devils Lake Radio 1610 AM, weekly water quality postings at the kiosks throughout the summer, and more. We also recently added a Facebook page something that was not forecasted, and continue to use Twitter although modestly. As of today (2010-12-29) we have reached the 25 fans necessary to get a friendly URL for our Facebook page: [www.facebook.com/DevilsLake.Oregon](http://www.facebook.com/DevilsLake.Oregon) Facebook certainly accounts for growing segment of our outreach.

As to the rest of the Communication Plan, notable changes this year include the creation of the listserv and the new brochures that were mailed out reaching every lakefront property owner twice in the year. One brochure was a general introduction to the District, the listserv, our website, and the board. The other mailer covered the Native Planting Guide and the SOS program. Additionally in the year we revamped our Cyanobacteria postings from a year ago, which was identified as part of one of the Top 5 Goals for the year. Lastly the District increased its time on the lake promoting the District to the community. We participated in a number of events on the lake including the Stand Up Paddle and Lake swim, as well as stopped and met with hundreds of individuals one – on – one throughout the summer handing out fliers, getting feedback, and answering questions.

The website continues to get a lot of traffic. The first graphic is from Fatcow, our server; the second series of graphics are from Google Analytics. By Fatcow's account we received over 200,000 hits in 2010 and nearly 20,000 visits. This is a significant amount of inquires considering the District itself serves maybe some 9,000 individuals. By all accounts having and maintaining a website will continue to serve the District well and as a result should potentially get an overhaul to increase its usability and attractiveness.

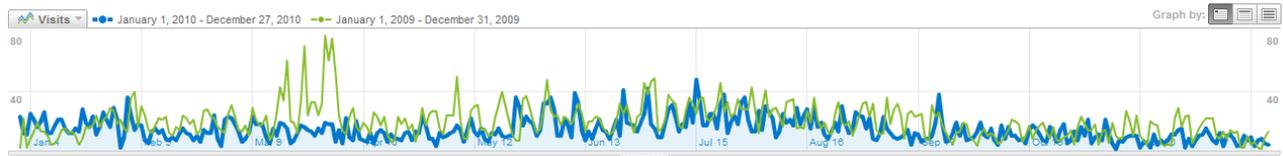


Summary by Month										
Month	Daily Avg				Monthly Totals					
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files	Hits
<a href="#">Dec 2010</a>	421	285	87	50	890	21943194	1364	2372	7711	11367
<a href="#">Nov 2010</a>	514	360	112	62	1166	35535497	1887	3383	10826	15440
<a href="#">Oct 2010</a>	492	356	111	58	1215	44843349	1819	3450	11051	15278
<a href="#">Sep 2010</a>	562	391	106	59	1094	39455621	1778	3192	11737	16876
<a href="#">Aug 2010</a>	686	511	104	61	1232	53712403	1905	3237	15852	21292
<a href="#">Jul 2010</a>	809	607	108	65	1368	50100839	2027	3370	18832	25102
<a href="#">Jun 2010</a>	686	503	101	56	1112	15053945	1681	3050	15103	20591
<a href="#">May 2010</a>	551	369	89	50	1065	2101965	1564	2769	11456	17104
<a href="#">Apr 2010</a>	447	309	83	43	1137	1889686	1298	2492	9281	13420
<a href="#">Mar 2010</a>	510	359	87	53	1206	1654294	1657	2722	11142	15823
<a href="#">Feb 2010</a>	456	298	73	45	1015	995013	1278	2053	8345	12770
<a href="#">Jan 2010</a>	537	355	81	49	943	1432632	1521	2524	11027	16670
<b>Totals</b>						<b>268718438</b>	<b>19779</b>	<b>34614</b>	<b>142363</b>	<b>201733</b>

Google Analytics clipped below is shown displaying two years worth of data with percent change between the years. It shows that we trending more or less the same in most of the month to month comparisons, although overall visits are down in 2010. Notably, there was a spur of interest in the District in March of 2009 which certainly skews the data. It may also be that people are getting their information through other means, such as our listserv, which began in 2010.

## Dashboard

Jan 1, 2010 - Dec 27, 2010  
Comparing to: Jan 1, 2009 - Dec 31, 2009



### Site Usage



**5,197 Visits**  
Previous: 7,262 (-28.44%)



**14,657 Pageviews**  
Previous: 21,717 (-32.51%)



**2.82 Pages/Visit**  
Previous: 2.99 (-5.69%)



**46.26% Bounce Rate**  
Previous: 47.26% (-2.12%)



**00:02:26 Avg. Time on Site**  
Previous: 00:02:27 (-0.65%)



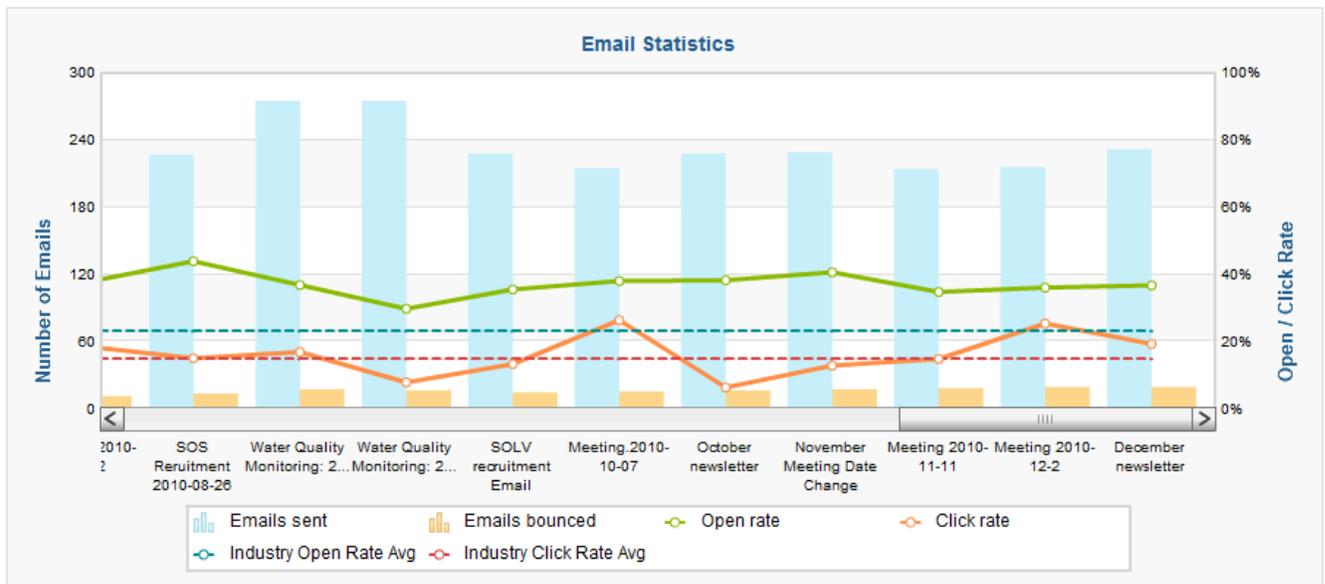
**60.67% % New Visits**  
Previous: 56.79% (+6.83%)

Also shown by Google Analytics are the 144 referring sites which was dominated by Lincoln City.org. This is the City Government site which I has able to get a prominent hot link on their homepage back in 2009. I also just this last year got the Visitor's and Convention Bureau to place some ten or so hot links to [www.DLWID.org](http://www.DLWID.org) on multiple pages scattered about their website. Hits from these links placed 12<sup>th</sup> overall, and will likely increase over time. Google searches ranked second and third, followed oddly by the Coho, a lodging property in Lincoln City. This is an audience we hadn't really marketed too assertively, but with the new recreation brochure coming out, maybe other lodging sites will also add us to their websites. Other noteworthy referring sites were the Devils Lake Navigator, the Lincoln City Chamber, Wikipedia, links from emails sent through FatCow, PADL's blue green thumb site, and our listserv, Constant Contact.

### Referring sites sent 1,659 visits via 144 sources

Site Usage		Goal Set 1		Views: [Grid] [List] [Table] [Full]		
Visits	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate		
<b>1,659</b>	<b>2.82</b>	<b>00:02:01</b>	<b>60.40%</b>	<b>46.29%</b>		
% of Site Total: 31.92%	Site Avg: 2.82 (-0.04%)	Site Avg: 00:02:26 (-16.97%)	Site Avg: 60.67% (-0.45%)	Site Avg: 46.26% (0.08%)		
Source	None	Visits ↓	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
1. lincolncity.org		472	3.34	00:01:42	77.12%	47.03%
2. google.com		119	2.34	00:01:52	74.79%	42.02%
3. images.google.com		98	1.73	00:02:43	40.82%	67.35%
4. thecoholodge.com		84	2.90	00:01:04	97.62%	50.00%
5. email.fatcow.com		72	3.43	00:02:53	1.39%	31.94%
6. dlakeoregon.wordpress.com		59	3.03	00:04:03	8.47%	28.81%
7. lcchamber.com		56	4.77	00:02:51	83.93%	33.93%
8. bluegreenthumb.com		46	1.85	00:01:08	2.17%	39.13%
9. en.wikipedia.org		41	4.34	00:03:11	85.37%	29.27%
10. campaign.constantcontact.com		34	1.88	00:01:35	26.47%	64.71%

As to our listserv, there are a total of 286 active contacts on the listserv, of which 232 are signed up for the quarterly newsletter. Our winter edition of the e-Newsletter, Clearwater was sent out 2010-12-16. Of those signed up to receive it, 78 individuals have opened the newsletter. However this number is often misinterpreted by the tabulating software as certain accounts or forwards will not register correctly. The listserv has also served to drive traffic to the website, as it did also rank on the Google Analytics referring site report in tenth place. Below is a summary of some of the recent listserv activity. Note the dashed lines which indicate the industry standard for opens and clicks for this type of outreach which we largely have been exceeding.



d. **Safety Report:** No incidents

- e. **Thompson Creek:** I delivered 3 days worth of samples, blanks, replicates, and splits to OSU in early December. Analysis to be completed soon, and was dependent on their holiday schedules and acquiring additional samples from other studies. I will forward on the result as we get them. After that time we will need to discuss the future of additional sampling days. We will have only characterized a few days associated with low, late summer flows. Typically there is a desire to also capture winter flows in these types of studies as the dynamics and impacts can change rapidly under raining conditions.

**Update:** This report sent was 2010-12-28. A supplemental spreadsheet was also sent. I will provide discussion about what this means and what might be future steps at our upcoming meeting.

## Molecular Source Tracking Report for Devil's Lake December 2010

To: Paul Robertson

From: Hyatt Green and Kate Field, Dept. of Microbiology, Oregon State University

See attached: 1) "Devil's Lake MST Dec '10.xls"

This report summarizes the methods used for sample processing and results of host directed real-time polymerase chain reaction (PCR) on samples received December 2010.

### Methods (Field Lab)

#### Sample Processing

Water samples were stored at -20°C upon receipt. A modified protocol for increased inhibitor removal and cell lysis was used. Upon DNA extraction a recovery control was used to indicate sufficient DNA extraction and PCR inhibition caused by associated sediment or dissolved organics.

#### Marker Specificity

DNA extracts from human, cow, gull, goose, duck, chicken, sheep, cat, and dog were tested by each assay previously. CF128 and CF193 are specific to ruminants. Human (HF134 and HF183) and dog (DF155) assays were specific to their intended hosts as expected. GFD is specific to gulls, ducks, geese, chickens, and some other birds. GFC is specific in Western Gulls. Ho597 is specific to Horses. GenBac (GB) is *Bacteroides* specific and does not identify a specific contaminant source.

### Results

Processing controls indicate that the sample limits of quantification (sloq) on these samples averaged about 41,000 molecular marker copies per 100 ml. Had source tracking markers been present at concentrations at or above a sample's limit of quantification, we would have expected to detect them. Of the 28 'unknown' (non-blank) samples, the dog marker, DF155, was most prevalent occurring in 12 samples. The bird marker, GFD, occurred in one of the 28 samples. Both ruminant (cow, elk, etc.) markers, both human markers, the horse marker, and the gull marker were not detected in any of the samples. All processing blanks were negative for all markers indicating a 0.0% contamination rate.

### Discussion

Dogs are a likely source of fecal bacteria in 12 of the samples provided. Other sources may be contributing to the fecal contaminant load in the system but were below detection limits for our method. Increased sampling targeted to suspect areas and times of high fecal contaminant load may provide additional information on contaminant origin(s).

- f. **Erosion Study:** I reviewed the contract and sent questions and concerns to our Chair. Brian provided some slight modifications to the language of the contract. I have since sent those change requests back to Tetra Tech, and have heard verbally that those changes should not likely be an issue. A revised contract is expected shortly, pending review by their legal staff.

**Update:** Contract received, forwarded on to our Chair for signature, and posted back to Tetra Tech on 2010-12-29.

- a. **Dredging Costs:** The cost to excavate and remove materials by one estimate (James Drayton) is \$270 hour plus some possibly for disposal. If the materials were just logs as we discussed at the last meeting, then the disposal cost could be waived as the contractor can haul the logs for pulp and recover his costs. This would make a positive use out of the debris as it would be recycled. The \$270 includes the use of 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. For 10 or so logs, he estimated about 3 hours, which would be about \$810. He suggested he could also make use of an "end dump" which I assume is a truck loadable tote. This could shave approximately \$30 an hour off the cost of operations, but would also require extra staging area. I also have a request for another informal quote from Devils Lake Rock which I expect after the first of the year.
- b. **Budget Calendar, Budget Committee and Budget Officer:** A proposed budget calendar is attached. The current budget committee has four vacancies. We have alerted the media and have highlighted this information in our e-newsletter of late. For applications please visit the meetings page of our website. A formal nomination of the Budget Officer, traditionally the Lake Manager, is required as we begin the budget process. Actual work on the budget will begin in March, with a release in late April or early May.
- c. **Projector:** Our projector mysteriously fell off the shelf and is no longer working. Five years of sitting in one place??? I anticipate using a projector for the Devils Lake Plan open houses and thus near immediate replacement of a projector is needed. Projectors are available locally though Shutterbug starting at \$499, but they will also honor an online price I found of \$399. I also checked BiMart and Radio Shack, neither of which carry these products.

Canon LV 7245 \$399 refurbished by Canon at 40% discount over regular pricing.



**Canon LV-7245 Multimedia Projector SVGA - 2500 Lumens**

**Our Price: \$399.99**

**SKU:** 0912B008

**Condition:** Refurbished

**In Stock**

Usually ships in 1-2 business days

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**1 used & new** available from **\$399.99**

**Description:**

Around the world, Canon products are synonymous with optical excellence, advanced image processing, and superb performance. And Canon projectors are no exception. The family of Canon projectors includes an impressive array of portables and ultra-portables. You can carry them effortlessly from boardroom, to office, to classroom, to home theater -- and when you get there, you have the brightness you need. Each combines optical excellence with an array of features that make them a perfect blend of performance and functionality. With the LV-7245's 2500 ANSI lumens power, you get Canon's brightest, portable XGA native resolution projector. Wherever you take this brilliant performer, the LV-7245 will put on a dazzling show. Plus, with features like automatic keystone correction, projection modes and color control, all that brilliance is easy to use.

**Features:**

- Bright 2500 ANSI lumens
- Native XGA (1024x768) resolution is the perfect resolution match for your laptop computer.
- The wide focal length range gives you the flexibility to project a screen from 21" to 300" in (diagonal) size.
- Weighs in at only 7.0lbs and measures only 11.6" x 10.2" x 3.7"
- Compatible with NTSC, PAL, SECAM, NTSC 4.43, PAL-M and PAL-N signals for global portability.

Canon LV 7370 \$650 refurbished by Canon, Shutterbug may also honor lower online price of \$499, but not confirmed with local store for this model.

**Canon LV-7370 Projector**  
**Digital Multimedia Projector**  
 3000 Lumens, 500:1 Contrast, 7.3 lbs, 0.6" 3 LCD Projector [Add to my Compare List](#)

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**Help us understand your needs:**  
 My primary use for the Canon LV-7370 is:

[Top 10 Conf. Room Projectors](#) [LV-7370 Reviews](#) [Local Merchants](#)  
[New Conf. Room Projectors](#) [Rate the LV-7370](#) [Comparable Projectors](#)  
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**Canon LV-7370 Projector Specifications**  
 (show metric units)

[Product Sheet](#) [User's Manual](#)

<b>Street Price (USD) :</b> <a href="#">\$730</a> <b>MSRP (USD) :</b> \$999 <b>Brightness (Lumens) :</b> 3000 ANSI <b>Contrast (Full On/Off) :</b> 500:1 <b>Variable Iris:</b> No <b>Audible Noise:</b> 35.0 dB <i>Eco-Mode:</i> 29.0 dB <b>Weight:</b> 7.3 lbs <b>Size (inches) (HxWxD) :</b> 4.4 x 12.5 x 13.2 <b>Std. Lens:</b> <i>Focus:</i> Manual <i>Zoom:</i> Manual, 1.20:1 <b>Throw Dist (feet) :</b> <a href="#">3.3 - 30.8</a> <b>Image Size (inches) :</b> 27.6 - 299.2 <i>Optional Lenses:</i> No <b>Digital Zoom:</b> ** <b>Digital Keystone:</b> Vertical <b>Lens Shift:</b> No <b>Warranty:</b> 3 Years	<b>Compatibility:</b> <i>HDTV:</i> 720p, 1080i, 576i 576p <i>EDTV/480p:</i> Yes <i>SDTV/480i:</i> Yes <i>Component Video:</i> Yes <i>Video:</i> Yes <i>Digital Input:</i> DVI-I (HDCP) <i>Computers:</i> Yes <b>Display:</b> <i>Type:</i> 0.6" 3 LCD <i>Native:</i> 1024x768 Pixels <i>Maximum:</i> 1600x1200 Pixels <i>Aspect Ratio:</i> 4:3 (XGA) <b>Light Source:</b> <i>Type:</i> 230W NSH <i>Life:</i> 3000 hours <i>Eco-Mode Life:</i> 4000 hours <i>Quantity:</i> 1 <b>Speakers:</b> 7.0W Mono <b>Max Power:</b> 295W
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**Canon LV 7370 XGA (1024 x 768) LCD projector - 3000 ANSI lumens** from Canon in Projectors

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 **\$779 online**

**Online stores**

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Relevance	Seller rating	Condition	Tax and shipping	Total price	Base price
<a href="#">Performance Audio</a>	<a href="#">2 seller ratings</a>	New	No tax + Free shipping	\$899.00	<b>\$899.00</b>
<a href="#">www.topedgeonline.com</a>	<a href="#">10 seller ratings</a>	New			<b>\$813.88</b>
<a href="#">Unique Photo</a>	<a href="#">★★★★★ 437 seller ratings</a>	New	No tax + Shipping: \$8.99	\$907.99	<b>\$899.00</b>
<a href="#">HawkExpress.com</a>	No rating	New	No tax + Shipping: \$17.33	\$866.91	<b>\$849.58</b>
<a href="#">Home Cinema Center</a>	<a href="#">9 seller ratings</a>	New			<b>\$999.00</b>
<a href="#">RedFlareKits.com</a>	No rating	New	No tax + Free shipping	\$1,095.71	<b>\$1,095.71</b>
<a href="#">Neworldit.com</a>	<a href="#">6 seller ratings</a>	New	No tax + Shipping: \$16.41	\$852.97	<b>\$836.56</b>
<a href="#">TVsZone.com</a>	<a href="#">20 seller ratings</a>	New	Free shipping		<b>\$779.00</b>
<a href="#">Best-Savings-And-Service...</a>	<a href="#">1 seller rating</a>	New	No tax + Free shipping	\$856.49	<b>\$856.49</b>
<a href="#">The Shutterbug</a>	No rating	Refurbished			<b>\$499.99</b>

**Staff Recommendation:** Appropriate up to \$500 from Contingency Funds to Capital Outlay and authorize purchase.

Devils Lake Water Improvement District  
2011-2012  
Budget Calendar

January 6	Appoint Budget Officer (ORS 294.331)
January 6	Establish Budget Calendar
February 3	Appoint Budget Committee (ORS 294.336)
March - April	Budget Officer Prepares Budget (ORS 294.331)
April 13	Publish 1 <sup>st</sup> Budget Committee Meeting Notice (ORS 294.401)
April 20	Publish 2 <sup>nd</sup> Budget Committee Meeting Notice (ORS 294.401)
April 29	Proposed Budget Available (ORS 294.401 (6), (8))
May 9	Budget Committee Meets (ORS 294.401)
May 9	Budget Committee Approves Budget (ORS 294.40(6))
May 18	Publish Budget Summary & Hearing Notice (ORS 294.416)
June 2	Budget Hearing Held (ORS 294.430)
June 2	Budget Adopted, Appropriations Made, Taxes Declared and Categorized (ORS 294.435)
July 15	Taxes Submitted to County Assessor: 2 Copies of LB-50, 2 copies of Resolutions (ORS 294.555)
September 30	Copy of Budget Sent to County Clerk (ORS 310.060 (7))