



P.O. Box 202, Balsam, Lake, WI 54810

## **BALSAM LAKE PROTECTION AND REHABILITATION DISTRICT**

**Regular Meeting May 17<sup>th</sup>, 2014  
Polk Business Center Meeting Room**

### **MINUTES**

**CALL TO ORDER:** The meeting was called to order at 8:30 a.m. by Ray Sloss.

**COMMISSIONERS PRESENT:** Caroline Rediske, Ray Sloss, Dave Wagner, and Ed McGlynn.

**COMMISSIONERS ABSENT:** Carl Holmgren and Loren Johnson

**OTHERS PRESENT:** Mindi Anderson, Rod Preble, Carl Pentland and Glen Jones.

**APPROVE AGENDA:** A motion was made by Loren Johnson and seconded by Caroline Rediske to approve the agenda. Approved.

**APPROVE MINUTES:** A motion was made by Howard Seim and seconded by Loren Johnson to approve the minutes from April 19<sup>th</sup>, 2014. Approved.

#### **PUBLIC COMMENTS:**

- Rod Preble presented his study on Lake Savers LLC lake aeration project. Aeration in prevents anaerobic conditions which contribute to phosphorus release from the lake bed soils, and enzymes can be introduced to digest organic material. The system has not be tested in shallow basins. Therefore Raskin Bay is currently not a candidate for this project. It may be better suited for East Balsam. Rod will follow up with design and cost estimate based on information received from Lake Savers LLC.

#### **ANNOUNCEMENTS:**

- Caroline Rediske introduced Glen Jones who will be replacing her as the Village Appointee.
- Caroline Rediske presented on Raskin Bay dredging and Ayres Associates proposals.
- Jay Michels-Project Manager for the Raskin Bay dredging:  
5 Task: Task 1-Bathymetry Survey; Task 2- Base map Development, & Analysis, Task 3- Permitting, Task 4- Sediment Sampling & lab Analysis; Task 5- Dredging contractor Contact

### **Task 1 Bathymetry Survey**

This will determine the volume of material to be dredged from the bay, EOR will collect lake bathymetry by surveying transects across the bay. This will be collected using a sub-meter GPS; with elevations derived from survey grade DGPS equipment.

### **Task 2 Base Map Development & Analysis**

Points will be established in the survey will to be incorporated into base map showing the existing elevation contours of the canal. Once the existing elevations are determined, the quantity of sediment to be dredged will be computed based on the proposed depth of the canal.

### **Task 3 Permitting**

EOR will prepare the permit applications and work closely with the WDNR to obtain the required permits for the project. A report will be developed base on the results of the bathymetry survey, including sediment removal quantities based on the proposed canal depth. Lab results will also be included in the report. The Lab results will be reviewed by WDNR to determine if the dredged material requires disposal at a hazardous wasted facility or can be field applied.

### **Task 4 Sediment Sampling & Lab Analysis**

EOR has budgeted for the collection of up to 3 sediment cores for lab analysis. The location and depth of these cores will be determined in discussion with the WDNR. The effort will most likely require the samples being taken using a drill rig from atop the ice the ice. Braun intertec will be subcontracted to collect the samples and conduct the lab analysis. Samples to be analyzed for PCB's, PAH's, TVS,TKN,NH3,TOC, Total phosphorus, Organochlorine Pesticides, Non-Routine testing, metals, digestion, arsenic, cadmium, chromium, copper, iron, lead, manganese, nickel, zinc and mercury, although this is also determined in discussion with the WDNR.

### **Task 5 Dredging Contractor Contact**

EOR will assist in discussions with dredging contractors to determine the approach and process by which the dredged material will be removed and managed. EOR will work with WDNR to determine the final permit requirements. Any plans and additional permits necessary for this effort are not included in the current budget.

### **Budget**

EOR Project cost without Sediment Sampling, not to exceed \$8,700.00

Sediment Sampling, as described \$6,300.00

Project cost with Sediment Sampling, not to exceed \$15,000.00

### **Timeline**

The project will begin within three weeks of the notice to proceed.

## **AYRES ASSOCIATES- Christopher T. Goodwin**

### **Project Description:**

Boating and navigation in Raskin Bay has become difficult due to silting in and vegetation growth in Raskin bay. This proposal is for permit application, design, and assisting the Lake District in bidding the dredging work in Raskin Bay.

### **Scope of Services**

1. Meet with residence on Balsam Lake and Raskin Bay to evaluate the problem. A site visit. Review with the Lake District officials the anticipated dredging and disposal methods and issues, if any, we see the overall plan.
2. Contact the WDNR permit staff to review the project goals and permit requirements.

3. Conduct a bathymetric of Raskin Bay.
4. Prepare a preliminary dredging plan and pre-application permit to be submitted to the WDNR. In addition to general project particulars, this plan will include:
  - a. Estimated volume of dredge material
  - b. Anticipated dredging methods.
  - c. Anticipated disposal site construction methods.
  - d. Pre and Post dredge mapping.
  - e. Schedule
5. Submit the pre-application to the WDNR and conduct a conference call to review the pre-application and answer any questions the WDNR has on the application.
6. With approval of the pre-application, submit the Water Resources Application for Projects permits (WRAPP) to the WDNR for approval. A Lake District official will be responsible for signing permit application and the Lake District will pay any permit review fees.
7. We will design the disposal site. Our assumptions for this proposal are that the disposal site design is limited to a site visit, environmental evaluations and inventory of available space. We will provide a plan for disposal, including limits of allowable dredge spoils and erosion control measures, but no geotechnical evaluation of disposal site or topographic survey of disposal site is included. If these are needed they will be additional services.
8. Prepare and submit local Town, County and US Army Corps of Engineers permits.
9. Once a permit is issued by the WDNR, we will assist the Lake District in bidding the dredging work. This will include:
  - a. Preparing plans and specifications for contractor to bid the work.
  - b. Preparing addenda as required for project bidding.
  - c. Assist the Lake District in evaluating bids and with award of the contract to the successful bidder.
10. Construction phase services can be provided, but the scope and fee for these services will be additional services and provided after a contractor is selected.

### **Responsibilities of Owner and Others**

Owner will provide proof of ownership for the disposal site, pay all permit review fees and sign, permit applications.

### **Additional Services**

Additional services such as additional meetings with the Lake District, or construction phase services can be provided as an additional service. These services will be not be provided without written approval from the Lake District.

### **Time Schedule**

The preapplication will be completed within 90 days of notice to proceed (assuming notice to proceed is provided by September 1, 2014) The final permit application will be prepared and released for bids within 45 days of receipt of permits. These time schedules can possibly be shortened depending on the overall project schedule.

### **Fee**

We will perform the above services for an amount equal to the direct labor costs times a factor of 32, plus reimbursable expenses and sub consultant charges. The estimated cost of services is \$19,000.00. We will not exceed an amount of \$19,000.00 without your prior approval.

## **TREASURER'S REPORT:**

- Ray reported that as of May 17<sup>th</sup>, 2014 we had a Bank Balance of \$80,397.64 (includes Checking, Protection Fund Checking, and Savings) and payment of Claims totaling \$13,651.50 for the period April 19<sup>th</sup> thru May 17<sup>th</sup>, 2014.

A motion was made by Howard Seim and seconded by Loren Johnson to approve the Treasurer report and pay claims as presented. Approved.

## **COMMITTEE REPORTS:**

- **AQUATIC PLANT CONTROL:** (Loren Johnson)
  - Everything is going along as planned.
  - Haven't done the update to the 5 year plan, will be working on that with Amy
  - When the spraying gets done, everyone can ride with and see how it works.
  - Per DNR they would like grab samples right after they spray.
  - Follow-up will be done after the spraying. Would like Kevin Wagner to do it again if it works with his schedule, if he can't we will need a backup plan.
- **CLEAN BOATS CLEAN WATER:** (Carl)
  - April 29<sup>th</sup> will be training at Unity school with help from LAWRD Staff. (10:30-11:30)
  - 20 students have expressed interest.
  - We will schedule various times covering the 4 public landings as in past years.
  - Landing Blitz is July 4<sup>th</sup> and will distribute ice packs.
- **DOCKSIDE NEWSLETTER:** (Ray)
  - April 1<sup>st</sup> was mailed to Lake District residences. Feedback on the articles has been positive.
- **PUBLIC APPOINTMENTS:**
  - Balsam Lake Village:** (Caroline)
    - Governor's Fishing Opener was a HUGE success.
    - Caroline Rediske stepped down from the BLPRD and Glen Jones has taken her spot.
    - Spring clean up day is May 24<sup>th</sup>.
  - Polk County:** (Carl)
    - 15 board members are regrouping
    - Carl hasn't been reassigned yet.
    - William Johnson was re-elected as and working on committee structure.
- **BLPRD PUBLIC INFORMATION:** (Ray)
  - Will put an article in the newspaper for Aquatic Herbicide treatment

- **SEDIMENTATION PROJECT:**

- **Little Balsam:**

- Core sample Little Balsam
- Depending on money, we postpone until 2015
- Lake mapping, we have a year, look at doing East Balsam or at least a good chunk of East Balsam
- Consider action on Raskin Bay
- Dave noted the \$1,850 annual fee for the service. Use to watch the “tough” spots in lake.
- Need to look at where to store all the data that we collect. There is a link with company, but maybe look at putting it on a jump drive or something similar.

- **Sedimentation Basin (1):** None

- **WATERFRONT RUNOFF PROGRAM (WRP):**

- Have had a couple of people interested.
- NIGHT SKY: Dave Wagner was contacted by an individual on the lake that would like to talk more about this.

- **WEBSITE:**

- Updated recently
- Ray will check to make sure that all meeting minutes are on there.

- **WATERSHED PROTECTION**

- Water Quality:** None

- **CONSERVANCIES:**

- Ray did a walk down of all our conservancies. All looked great.

- **VOLUNTEER ACTIVITIES:**

- **Secchi Disk Measurement:** Milt Stanze will still be doing it, along with the possibility of Dick Miller.
- **Water Temperature:** None.
- **Chemical Balance:** None.

- **BLPRD EXECUTIVE:**

- None

## **OLD BUSINESS:**

- **Culvert Replacement Project (Bridge Project):**

- Spent the last \$10,000.00
- We owe \$13,383.76 Land & Water, tabled this until June meeting when Carl is present.

## **NEW BUSINESS:**

- **2014 ANNUAL MEETING**

- Dan Harrington is scheduled to present. However, Howard has the final decision

- Carl sent out an email as to what everyone is in charge of.
- Email communications with homeowners. (Ask homeowners for their emails at the annual meeting.) This was discussed and determines to be impracticable due to database management.

- **DISCUSSION ON UW STOUT'S PROPOSAL FOR EAST BALSAM**

Bill James

- Study before DNR alum treatments: \$15,255.00
- Sampling \$2,100.00
- Lab, Diffuse sediment \$15,000.00 (x2)
- Vertical special extraction \$2,500.00
- Metals looking at around \$3,000.00 (dosage assessment per sections, for 3 sections)
  - Maximum allowed dosage
  - Concentration & Cost
  - Seasonal
- Putting it all together in a report \$15,000.00
- Get multiple proposals (Barr, Cedar)
- 319 funds, Grants: apply for cost of project and then we would find out what dollar amount we would get.
- Need to find out what DNR guidelines are
- Need to find a skilled person in writing 319 grants

- **2014 & 2015 BUDGET worksheet - first cut.**

Increase Printing from 3,800 to 5,600; reason printing cost escalation and Annual Meeting handout.

Decrease Office from 3,300 to 2,000 based on 2014 data

Decrease CBCW from 20,000 to 15,000 based on 2013 data

Increase Water Quality Project from 20,000 to 40,000; reason two new projects, East Balsam and Raskin Bay

Decrease VOBL from 10,000 to 5,000

ADD Long Range Plan to 10,000; based on estimated from our consultant

Increase Audit from 1,000 to 1,100 added escalations

Legal increase from 1,000 to 2,500; expected to support Raskin Bay project.

**TOTAL OPERATING COST OF: \$174,700**

This would result in a 9.962% Increase in Lake District levy from \$131,500 to \$144,600 if approved at the annual meeting.

Treasurer has not had an opportunity to review this work.

Under Balsam Lake Protection Fund Expenses

Zero out: Millpond/Lake Access; Rice Creek Sedimentation and Conservancy

**Review New Action Items:**

- **Loren:** Getting a bid together for Clean Lakes Inc.
- **Carl:**
- **Ed:**
- **Ray:**
- **Howard:**
- **Caroline:**

- **Dave:**

**FUTURE AGENDA:**

- Work on 2015 budget
- Annual Meeting
- Steve-Dark Skies
- Jon Tucci-Lake Savers

**ADJOURN:** There being no further business, a motion was made by Ed McGlynn and seconded by Caroline Rediske to adjourn the meeting at 12:00 a.m. Approved.

**Respectfully submitted:**  
**Carl Holmgren/Secretary**

**Next meeting: June 21<sup>th</sup>, 2014 at 8:30 a.m. at the Polk Business Center**