

CITY OF DELAFIELD LAKE WELFARE COMMITTEE MEETING MINUTES

Call Meeting to Order

K. Attwell called the meeting to order at 6:00 p.m.

Pledge of Allegiance

The Pledge of Allegiance was recited.

ROLL CALL

Present

Kent Attwell  
Jerry Bills  
Jerry Dunnick  
Gayle Gaborsky  
Dave Greenway  
Lynn Morrison  
Don Tills

Absent

Jerry Burg  
Gary Pratt  
Dan Sisulak  
Lou Scopp

1. Correct and approve minutes of August 11, 2010

**L. MORRISON MOVED TO APPROVE THE LAKE WELFARE COMMITTEE MEETING MINUTES OF AUGUST 11, 2010 AS AMENDED ON PAGE 6, ITEM 4G, PARAGRAPH 2, SENTENCE 4, CHANGE "D. GREENWAY" TO "G. PRATT". D. GREENWAY SECONDED THE MOTION. THERE WAS NO FURTHER DISCUSSION. ALL WERE IN FAVOR. MOTION CARRIED.**

2. Citizen's comments pertaining to items on the agenda

There was no one present wishing to speak at this time.

3. Old Business

- a. New navigational buoys are installed at Kettle entrance and warning buoys are installed near hazards

K. Attwell explained he had reviewed the location of the buoys at the Kettle entrance. Buoy locations were reviewed and hazardous areas noted. The buoy locations would be noted by Global Positioning System (GPS) location by the Department of Natural Resources (DNR) for accurate placement next year as well.

- b. Update of City letter to DNR asking for 2 year extension of Chapter 30 permit dated July 7<sup>th</sup> 2010

K. Attwell stated that the two year extension had been granted by the DNR for the Chapter 30 permit.

K. Attwell moved to Item 4b at this time without objection from the Committee.

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- c. Discuss Watershed signs at Bleeker and Nagawaukee Park, Need Park and Rec Approval and Waukesha County approval before Public Works can make signs and install

K. Attwell stated watershed signage could be placed at Bleeker Street boat launch once the Park and Rec. Commission had agreed to the placement. City Staff will assist in working with the County to get the signs placed in Nagawaukee Park. The City's Public Works Department could make and install the signage in the next three months.

- d. Update on LWC recommendation to set specific "No Wake" water level set at 10 inches over target water elevation.

City Staff had agreed with the recommendation from the Committee that the specific "No Wake" level should be set at ten inches over the target water elevation. City Staff will draft ordinance language for placement on the next Common Council agenda for discussion and consideration. In addition, "real time" data for the water levels would be listed on the City website in the next few weeks.

- e. Update on Nashotah run off corrective actions to slow water down and work with Merton Farm to reduce run off

K. Attwell explained the letter to Village of Nashotah officials regarding corrective actions for storm water runoff would be sent in the next two weeks.

- f. Review of Goose Round-Up info and action plan to recommend to council and publish in Communicator

The Committee reviewed the information written by G. Gaborsky about Goose Round-Up operations to be placed in The Communicator. On behalf of the Committee, K. Attwell thanked G. Gaborsky for a job well done.

- g. Update on Anderson Group dredging permit request and continue discussion on Bleeker Street ordinance

K. Attwell noted the Anderson Group dredging permit request had been discussed as part of Item 4b. He also distributed historical City of Delafield Common Council minutes that stated the gift of deed for the Bleeker Street parking area was for City residents only. Village of Nashotah residents were also allowed to use the launch.

Discussion ensued regarding parking requests by non-City residents. D. Tills stated he thought the language was adequate as written. There were other ways to gain access to the lake for area residents. D. Greenway agreed.

**J. BILLS MOVED TO RECOMMEND THAT THE CURRENT ORDINANCE LANGUAGE REMAIN THE SAME IN THAT ONLY CITY AND VILLAGE OF**

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**NASHOTAH RESIDENTS SHOULD BE ABLE TO PURCHASE A PARKING PERMIT FOR USE AT THE BLEEKER STREET BOAT LAUNCH. D. TILLS SECONDED THE MOTION. THERE WAS NO FURTHER DISCUSSION. FIVE WERE IN FAVOR. L. MORRISON VOTED NAY.**

- h. Update on Lake level change from DNR

L. Morrison explained she had received communication from DNR Staff regarding a willingness to work with the City on a change to the annual adjustment to the lake level. A public notice for the lake level change would be initiated.

4. New Business

- a. Presentation by Pam Anderson on her project and LWC to consider recommendation to planning commission. Planning Commission will then consider approval of temporary plan of business operation

L. Morrison congratulated P. Anderson on her project work.

P. Anderson provided a project description that had been approved by the Wisconsin Department of Natural Resources (DNR) for dredging in her neighborhood. She noted two people opted out of the project due to cost and that the estimates were what the City had proposed. She also noted it would cost approximately \$27 per cubic yard for the project, without licensing and fees. Preparation of dewatering sites, including clearing and leveling sites, required substantial fees. The dewatering sites had to be flat, so the homeowner's incurred significant costs (estimated at \$4000-\$5000) to clear and fill the properties adequately to allow this to happen. Legal fees were anticipated to be approximately \$1000 for the project. She noted critical portions of the Chapter 30 permit were utilized in the project and would have cost a great deal for a private landowner to have done on her own. The contracts with the dredger had been completed at this point in the process and money placed in a trust for the project. Similarities and differences were noted between the City's project and this private project. Differences were noted with regard to the dredging scope, volume of sediment and dewatering/disposal site actions. There was a five foot "no touch" zone along the shore and the dredging could not go out into the lake further than 150 feet from shore. While the DNR had approved a distance of 150 feet for the permit, her project would only go out a distance of 140 feet.

K. Attwell noted it was interesting that this private dredging project was allowed more cubic footage for the dredging spoils than the City was allowed in this project. P. Anderson stated she ended up with approximately 10,000 cubic yards for all five properties. Once two property owners dropped out, more poling was done to measure the depth of the water out to 140 feet for the dredged properties and a geometry model used to calculate the cubic yardage. To calculate this amount, she had started five feet from shore and followed the natural slope of lake bed to a distance of 140 feet from shore. Once at that point, a gentle slope was initiated to return to the water surface. This gentle slope was purposeful to

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lessen the siltation returning quickly to the dredged area. She estimated there would be approximately 4200 cubic yards of spoils to be dewatered from three properties.

L. Morrison stated it was interesting that the dewatering process was utilized and the private dewatering sites approved. P. Anderson stated she had conducted a great deal of research on this process and found that arsenic impacted the cost. Dredging spoils could be buried in the geo-tube or be trucked to a special site that handled arsenic removal; however, this action would increase the cost. With the geo-tube method of disposal and little arsenic in the spoils, the water would come out clean and be returned to the lake. Without the arsenic, the fill could be dried and then used. P. Anderson noted that to have the bags in one area, an anticipated cost would be \$24 -\$30 per foot. Dredging cost estimates varied because the dredgers did not quote the same way. She had found three reputable dredgers in her opinion and she shared the names with the Committee.

A slideshow presentation of the project was provided to the Committee at this time. Various questions from the Committee were presented relating to the anticipated timeframe before the next dredging, sloughing of the sedimentation from non-dredged areas, plant restoration, containment walls, and disposal of the dewatered spoils. P. Anderson stated she thought the dredging would need to be redone in ten to fifteen years. In addition, the project would take approximately four weeks to complete operating six days a week. The expense of the project would be borne completely by each property owner. While the expenses were great for the project, she thought her property values would continue to drop without dredging. Access problems were just the beginning of losing her lakeshore and navigability so she was hopeful that the dredging would help for the future.

**L. MORRISON MOVED TO RECOMMEND THE DREDGING PROJECT AND TEMPORARY BUSINESS PLAN OF OPERATION ASSOCIATED WITH THE ANDERSON DREDGING PROJECT FOR APPROVAL BY THE PLAN COMMISSION AS PRESENTED. D. GREENWAY SECONDED THE MOTION. THERE WAS NO FURTHER DISCUSSION. ALL WERE IN FAVOR. MOTION CARRIED.**

Without objection from the Committee, K. Attwell returned to Item 4b.

In response to a question, P. Anderson stated there were people that had offered their property for use of dewatering for the basin portion of the dredging project proposed by the City in the past. In addition, she thought it made sense to do the basin portion of the project as it affected the entire lake and City as a whole.

- b. Presentation by Plan B on financial cost calculations for our review and feedback
  - A. Zietlow and M. Hausman were present from the Dredging Plan B Committee to provide an update on Committee activities and also to provide information regarding potential financial cost models. A. Zietlow explained the City Code had a chapter regarding a district for storm water that could be utilized in funding the

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dredging for Nagawicka Lake. Raffi Shirikian of the Dredging Plan B Committee had created a funding model based on the same structure found in the City Code. Several options for funding were considered by the Committee including formation of a lake management district, creation of a formula utilizing impervious surfaces calculations and the model created by R. Shirikian. The Committee continued to discuss ways to fund immediate dredging needs. The formulas discussed would include a mechanism to allocate monies for long term maintenance of the lake. Discussions of the possibility of phasing the dredging project were also ongoing. Dredging of the basin area was considered to be a potential first phase. City Staff had been asked to calculate whether the Kettle project, if done alone, could be done differently. Arsenic in the dredging spoils had impacted the overall dewatering cost of the project. It was questioned whether the project costs would change if the areas with little arsenic were done as a separate project. Additional calculations were needed from City Staff on various elements of the funding models for future discussion by the Committee.

J. Dunnick questioned the responsibility of the City owned property, such as park land, with regard to the funding models presented. The riparian owners and the City as a whole had a degree of responsibility to pay for the project. A. Zietlow stated part of the discussion being had by the Dredging Plan B Committee included consideration of benefit and related degree of financial responsibility. Discussion ensued regarding allowing people that were not interested in being dredged to be removed from the funding models. A. Zietlow stated an alternate had been developed with various property owners removed from the funding formula.

D. Tills questioned whether any portion of the project would be ready to be put to a referendum in November of this year. A. Zietlow stated it would be unlikely at this point. D. Tills expressed concern about this as he thought it would be too late to do any bidding to allow the project to take place next year. It was thought that if too much time elapsed, despite the extension of the Chapter 30 permit, the project would not be able to progress and would become more expensive if completed in smaller projects instead of doing the dredging all at once. A. Zietlow stated once a definitive model was determined for the costs of the dredging project, it would be presented to the Council.

Without objection from the Committee, K. Attwell moved to Item 4a at this time.

K. Attwell returned to this item after consideration and discussion of Item 4a.

R. Shirikian was now present and explained several funding models had been developed in this matter related to the City's Chapter 26 stormwater code. Numerous formulas were presented originally related to the entire dredging project. R. Shirikian briefly described each of the formulas to the Committee. Short term and long term proposals were explained. Long term, it was suggested that the City should set aside 2% of taxes for long term lake maintenance as all lake and non-lake residents benefited. He thought this action would result in \$100,000 per year yielding the necessary one million dollars anticipated as cost for future dredging.

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K. Attwell stated all Committee members should read Chapter 26 of the City Code prior to the next meeting in order to more fully understand the funding information being presented over the next few months. Discussion further ensued regarding the funding ideas presented and what the priority portion of the dredging project might be at this time. In addition, the potential for moving forward was discussed. Data supported the need for dredging of the sediment trap and moving forward with that portion of the project. Information to be presented to the Common Council and area residents was also discussed.

K. Attwell recessed the meeting at 8:40 and reconvened the meeting at 8:45 p.m.

Without objection from the Committee, K. Attwell moved to Item 3c on the agenda.

5. ADJOURN

**J. DUNNICK MOVED TO ADJOURN THE SEPTEMBER 8, 2010, LAKE WELFARE COMMITTEE MEETING AT 9:08 P.M. J. BILLS SECONDED THE MOTION. ALL WERE IN FAVOR. MOTION CARRIED.**

Minutes prepared by:

Accurate Business Communications, Inc.