



# City of Madison

## Meeting Minutes - Final

### COMMISSION ON THE ENVIRONMENT

City of Madison  
Madison, WI 53703  
www.cityofmadison.com

*Jonathan Standridge, Chair; Keith Pierce, Vice Chair; Ald. Larry Palm; Michael Rewey;  
Roger Bannerman; Reginald Weide; Theresa Stabo; Executive Secretary Michael R.  
Dailey; Staff: Marilyn Bakken, Greg Fries, Genesis Bichanich*

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Monday, August 15, 2005

4:45 PM

210 Martin Luther King, Jr. Blvd.  
Room 103A (City-County Building)

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#### CALL TO ORDER

Chair Standridge called the Commission meeting to order at 4:55 p.m. noting for the record that the meeting was properly noticed and a quorum was present.

**Present:** Michael W. Rewey, Jonathan H. Standridge, Roger T. Bannerman, Reginald N. Weide and Keith W. Pierce

**Excused:** Ald. Larry Palm and Theresa Stabo

#### PUBLIC COMMENT

It was noted for the record that there were no items brought before the Commission not noted on the agenda.

Items brought before the Commission not indicated on the Agenda.

#### APPROVAL OF MINUTES

1. Approval of Minutes of the Commission Meeting of June 20, 2005  
[Meeting of July 18, 2005 was canceled due to lack of a quorum]  
**A motion was made by Pierce, seconded by Bannerman, to Approve the Minutes.  
The motion passed by acclamation.**
2. [01565](#) Authorizing the Mayor and City Clerk to enter into an agreement with MG&E to construct, maintain, and manage an active stormwater infiltration system in the Odana Hills Golf Course and Park. (20th Ald Dist)

A motion was made by Rewey, seconded by Bannerman, to Return to Lead with the Recommendation for Approval to the BOARD OF PARK COMMISSIONERS

Mr. Rob Montgomery with Montgomery Associates addressed the Board and gave a slide presentation explaining the need and purpose for the stormwater infiltration system in the Odana Hills Golf Course and Park.

He also introduced others who are available for questions:

Bill Poole, Natural Resource Consultant and ecological regulatory affairs consultant from Cottage Grove  
Steve Gaffield, also with Montgomery Associates in Madison  
Don Peterson, with MG & E  
Robert Stoffs, with MG & E

He distributed summary information to the Board stating that a detailed description of the project was given to the Commission in June. The packet distributed contained a description of the benefits to Lake Wingra, and more information on the project.

This groundwater recharge project is proposed for installation by MG & E and the State of Wisconsin to meet the requirements of the water withdrawal permit for the West Campus Cogeneration facility on the UW campus. The permit requires that at ultimate cogeneration facility capacity, approximately 80 million gallons per year of stormwater are to be infiltrated into the ground to provide recharge to the groundwater system, to compensate for the occasional pumping of lake water and for low-flow augmentation of the Yahara River. The groundwater recharge project will pump water from the large pond at the western end of the Odana Hills golf course which is part of the drainage system that discharges runoff to Lake Wingra. The diversion of stormwater from this pond to recharge the groundwater system will have several beneficial effects on the Lake Wingra watershed and on the Lake itself, including a reduction in overall stormwater volume discharge to the lake, creation of a modest amount of additional flood storage volume in the pond, and a projected increase in the flow of the natural springs that discharge into Lake Wingra.

He explained that the diversion of 80 million gallons per year from this pond will significantly reduce the volume of stormwater runoff that will discharge from the upstream watershed to Lake Wingra. An analysis indicates that the annual runoff volume passing through the Odana Hills averages about 250 million gallons per year, meaning that the recharge facility will divert approximately one-third of the runoff volume that would enter Lake Wingra via the outfall at Manitou Way. This reduction will reduce the stormwater pollutant loading to the Lake as well.

He also pointed out that pumping water from the Odana pond will lower its level slightly [about 6 inches], allowing additional storage capacity to retain runoff from upstream; which also reduces downstream discharge for smaller events and reduce erosive stormwater flowing from the outfall to Lake Wingra.

The runoff that is diverted from the surface water drainage system will flow slowly to Lake Wingra in the local groundwater flow system. A modeling analysis indicated that a substantial portion of the 80 million gallons per year of recharge water will discharge to Lake Wingra from natural springs in the southwestern portion of the lake.

He introduced Bill Poole with Natural Resource Consultants to discuss any affects on the habitat in the area.

Mr. Poole stated that he did two fish surveys and found that green sunfish and fathead minnows were the most abundant species in the pond; others included golden shiner, bluegill, black bullhead; he also found two common carp.

A breeding bird survey was done and the ecological evaluation indicated there is a variety of bird species that make this pond their habitat. Included were great blue heron, green heron, several duck species, kingfisher, and Canada goose. He did not however, find any amphibians in the Pond but that will have no impact. He found snapping turtle and painted turtle populations that are thriving.

Overall he did not see any adverse impact to the overall ecology of the Odana Pond.

An inquiry was made as to the cost to the City, and Mr. Montgomery responded that there should be no cost to the City of Madison. He also pointed out that maintenance agreements will be done.

Noted for the record was a letter of support received from Friends of Lake Wingra.

The motion passed by acclamation.

Enactment No: RES-05-00812

3. Idling Ordinance

A. Report on Education Program of Other Communities - [Genesis Bichanich]

Commissioner Rewey moved to refer the Report on Education Program of Other Communities relative to the Idling Ordinance to the September Commission meeting; motion seconded by Commissioner Bannerman; motion unanimously passed.

## REPRESENTATIVE REPORTS

- A. Board of Public Works - No report - Commissioner Rewey was on Vacation
- B. Board of Water Commissioners - Chair Standridge stated there was No Report
- C. Dark Sky Update - No report - Commissioner Rewey was on Vacation
- D. Solid Waste Advisory Commission - Commissioner Weide reported that the Commission meeting was canceled
- E. Staff Reports - Executive Secretary Dailey reported that there currently are two vacancies on the Commission - a Health representative will be selected at some point in the future. He has submitted the name of Bruce Dickie who is with Covance as a member who is to be confirmed shortly and hopefully ready to attend the September meeting.
- F. Subcommittee on Salt Reduction - Commissioner Bannerman stated that he will make a detailed reported to the Commission at its October meeting.

## ITEMS FOR NEXT AGENDA

- A. Idling Ordinance  
Report on Education Program of Other Communities - [Genesis Bichanich]
- B. Air Quality Update - [Stabo]  
B.A.C.T. [Best Available Control Techniques]
- C. Charter Air Quality - Bret Hulseley

## **FUTURE AGENDA ITEMS**

- A. Road Salt Report - [Hausbeck] - September
- B. Parking Lot Sealcoating - Coal Tar Use - [Bannerman] - October
- C. Salt Reduction Subcommittee Activities Update - [Bannerman] - October
- D. Dark Sky Update - [Rewey] - October

## **ADJOURNMENT**

Commission meeting adjourned at 5:36 p.m.

Minutes prepared by Marilyn Bakken, approved by Michael R. Dailey, P.E.,  
Executive Secretary, Commission on the Environment