



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; Bruce Dickie; Bill Sonzogni;
Executive Secretary Michael R. Dailey; Staff: Greg Fries, Genesis Bichanich*

Monday, February 19, 2007

4:45 PM

Meets the 3rd Monday of the month;
Room 103A, City-County Building
210 Martin Luther King, Jr. Blvd.

CALL TO ORDER

Chair Standridge called the meeting to order at 4:45 PM.

ROLL CALL

Present: Larry Palm, Michael W. Rewey, Bill Sonzogni, Jonathan H. Standridge, Bruce C. Dickie and Keith W. Pierce

Excused: Theresa Stabo, Roger T. Bannerman and Reginald N. Weide

PUBLIC COMMENT

APPROVAL OF MINUTES

A motion was made by Pierce, seconded by Dickie, to Approve the Minutes with modification to Item 2, File #05329, which incorrectly indicated that Chair Standridge was absent; it has been updated to indicate he was present. The motion passed by acclamation.

NEW BUSINESS ITEMS

2. [05026](#) Amending Section 10.085(3)(a)3. of the Madison General Ordinances to permit the use of outdoor fluorescent lamps and amending Section 12.03(4) of the Madison General Ordinances to require cutoff or full cutoff direct street lighting and clarify the street light requirements for different areas.

A motion was made by Rewey, seconded by Pierce, to **RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER**
Commissioner Rewey noted that parking lots are not included in this ordinance; it only relates to city streets. The motion passed by acclamation.

1. Lakes and Watershed Commission Retreats (Jim Lorman)

Jim Lorman, City representative on Lakes and Watershed Commission, discussed retreats that the members of that commission have done in order to have more in-depth discussions on specific issues. One idea that came out of the retreats was to host a workshop in the next year as a venue to receive public input on the subject of water quality and what is most important. There is a possibility for the Commission on the Environment (COE) to get involved as a co-sponsor, with other interested groups participating as well. The product would be a large-scale implementation plan for area surface water. It is very early on in the

thinking/planning process, but Jim wanted to get feedback from COE members.

COE members would like to see a summary of existing plans and goals before spending a lot of time and energy creating a new plan. One idea would be to focus only on one major issue, such as road salt use. The COE/Lake and Watershed Joint Task Force shall review this and keep COE members up to date.

3. [05700](#) Approving the formation of an Air Quality Subcommittee to the Commission on the Environment.

A motion was made by Rewey, seconded by Palm, to Refer for Introduction. The motion passed by acclamation.

OLD BUSINESS

4. [05291](#) Approving the report of the Salt Use Subcommittee to the City's Commission on the Environment and adopting the recommendations of the report

A motion was made by Sonzogni, seconded by Palm, to RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER

The following specific list of recommendations shall be adopted from the Report of the Commission on the Environment Road Salt Subcommittee.

1. Provide a weather/temperature monitoring station on southwest side -- This would allow city crews to get detailed weather information sooner since most winter storms come from that direction -- Initial cost is \$30,000 to \$50,000; annual operating cost is \$2,200 to \$2,400.
2. Demonstrate anti-icing technique with salt brine using Dane County equipment in Odana Golf Course Pond watershed -- Golf course pond already has extensive monitoring equipment installed -- Cost is \$5,000 to \$10,000 for one winter season.
3. Increase snow plow driver training to prevent excess use of salt -- Cost approximately \$500 per session.
4. Reduce salt content of sand from 20% to 5% (salt is added to prevent sand from clumping) -- The material savings would be about \$500 per 100 tons of sand used.
5. Over a period of 5 years, decrease the amount of salt used per lane mile by 10 pounds per year (from 150 pounds to 100 pounds per lane mile). This would be done in conjunction with a driver awareness program -- At the 100 pounds per lane mile application rate, the savings would be \$75,000 to \$90,000 per winter season.
6. Have on board temperature sensors installed in supervisor's trucks -- Cost is \$400 to \$800 each.
7. Provide educational material and training for private applicators -- City-sponsored training would cost approximately \$3,000 for one two-day session.
8. Calibrate private operator equipment.
9. Provide educational material to homeowners.
10. Develop ordinances for regulating private application, including reporting requirements -- likely a consultant would need to be hired for this.
11. Use computer modeling to determine future levels of chloride in Madison lakes and streams -- staff would need to consult with USGS to do this.
12. Develop a driver alert program for classifying winter weather and road conditions.
13. Conduct extended monitoring of sodium and chloride levels in storm water runoff, lakes, and groundwater to provide sufficient data for expanded modeling program -- This would require additional funds for Health Department staff.
14. Report progress annually to Commission on the Environment.

The motion passed by acclamation.

REPRESENTATIVE REPORTS

Board of Public Works (Rewey)

None to report

Board of Water Commissioners (Standridge)

None to report

Solid Waste Advisory Committee (Weide)

Not present

Air Quality Subcommittee (Stabo)

Not present

Staff Report (Dailey)

None to report

FUTURE ITEMS

ADJOURNMENT

A motion was made by Sonzogni, seconded by Rewey, to Adjourn. The motion passed by acclamation.