

**West Campus Cogeneration Facility (WCCF)
Advisory Committee Meeting Minutes
April 8, 2005**

Advisory Committee members present

Karen Carlson, RNA
Don Peterson, MGE
Steve Schultz, MGE
Brian Stone, RNA
Ann Varda, RNA
Jeff Schimpff, RNA

Others present

John Hausbeck, City of Madison
Bob Stoffs, MGE

The meeting was called to order at 7:35 a.m.

1. Review of previous meeting's minutes and review of today's agenda

There are no changes to the March 4, 2005, minutes. The minutes will be finalized, e-mailed to the Committee, and posted on the Web site.

2. Recent noise complaint

MGE reported that a complaint had been received on Tuesday, April 4, about noise from the cogeneration facility that occurred on the previous evening. The noise was most likely from a motor-operated, superheater, drain valve that opened unexpectedly and allowed high-temperature steam to vent into a tank which then vented into the atmosphere causing a loud noise. This valve is not supposed to open under these conditions. The control system is being checked to fix this glitch.

3. Cogen project updates

Don Peterson reported that construction of the WCCF is nearly complete. Work is now focused on checking and tuning operation and control systems of the heat recovery steam generators, the steam turbine generator, and the campus chillers. During the week of April 11, emissions testing will begin for the combustion turbines, heat recovery steam generators, and diesel black-start generator. A division of GE Environmental will conduct the tests, and Wisconsin Department of Natural Resources staff will be on-site to monitor the testing process. Brian Stone requested that emissions testing results be posted on the Advisory Committee Web site. MGE agreed to do this when the final results are available.

Efficiency and capacity testing for the electric generation along with the steam and chiller systems is scheduled for the week of April 18.

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Street reconstruction, including resurfacing Linden and curb and gutter on Linden and Walnut, will begin around mid-May. Landscaping around the facility is scheduled to begin during the last half of May.

Restoration of the West Natatorium playing fields is scheduled to begin in early June. Standing water due to the low ground level has often made the fields unusable for periods of time so during reconstruction, soil from the storage area will be spread out over the field to raise the surface and improve drainage. The new fields will be set up primarily for soccer and ultimate frisbee since these types of areas are most in need on campus.

Storm water will be handled with a new system of ponds on the north, east, and south sides and an infiltration field. MGE has worked with UW Professor Ken Potter to design a system that will provide as much groundwater infiltration as possible while slowing down and cleaning up the remaining water before it is released to Lake Mendota. The ponds will be planted with a range of wetland vegetation that will help retain the soil and further clean the water.

A question was raised about the potential for increased mosquito growth in the detention ponds. John Hausbeck indicated that the City Public Health Department will be sampling the ponds along with others in town to monitor the quantity and types of mosquitos. Control measures would be introduced if mosquitos are seen to pose a danger to human health.

The schedule for restoration work is as follows:

June - Aug. 2005:	Infiltration trench construction, soil movement, and grading
Aug. 2005 - Sept. 2006:	Plant and establish turf and storm water basin landscaping
Fall 2006:	Construction completion, begin approximately one-year growth period
Fall 2007:	Field open for use

MGE agreed to post details of the rec field restoration plans on the Advisory Committee Web site.

4. Further discussion of air-monitor data handling and presentation

Jeff Schimpff provided written information about the process and costs for including the air monitor owned by the City of Madison and MGE in the DNR Comparable Data Program and to allow the real-time data to be made available on the Web. This would involve the purchase and installation of a data logger or older model computer at the monitor site plus annual costs of about \$700 for data transmission. Jeff indicated the DNR does not have funds to cover the initial purchase or data transmission costs but would probably be able to get a grant from the U.S. Environmental Protection Agency to cover data transmission beginning in 2007.

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Access to this data would help the DNR fill in a geographic gap in south central Wisconsin and provide a comparison with other area monitors.

Don Peterson indicated MGE and the City would need to consider this possibility and check on the availability of start-up funding before a final decision could be made.

5. Agenda items for next meeting

- Facility status update
- Update on UW construction projects on west campus
- Review any new neighborhood concerns

The next meeting will be held May 6, 2005, at 7:30 a.m. at Blessed Sacrament Parish Center, 2116 Hollister Avenue.