



**DES MOINES METROPOLITAN
WASTEWATER RECLAMATION AUTHORITY**

CITY OF DES MOINES, OPERATING CONTRACTOR

August 8, 2008

To: WRA Technical Committee Members:

Jim Utter, Altoona
Pat Collison, Bondurant
Carl Elshire, Des Moines
David Cubit, Johnston
Brent Bean, Polk County
Paul Drey, UWHSD
Dean Yordi, City of Norwalk
John Gibson, City of Waukee

Jolee Belzung, Ankeny
Bart Weller, Clive
Phil Koundakjian, Des Moines
Gary Patterson, Pleasant Hill
David McKay, Urbandale
David Brick, UWHSD
Larry Read, West Des Moines

Re: WRA Technical Committee Meeting (August 12, 2008)

A meeting of the WRA Technical Committee has been scheduled for Tuesday, August 12, 2008 at 1:30 p.m. The meeting will be held in the Administration Building Conference Room at the Des Moines Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa. A meeting notice, agenda, and exhibits for the meeting and minutes from the July 8, 2008 meeting are attached. The notice, minutes, exhibits, and agenda will be sent via e-mail. Copies will be available at the meeting.

If you have questions please contact me at 981-0228 or Mike Hall at 323-8135.

Very truly yours,

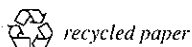
FOR
Dean Yordi
Chairperson
WRA Technical Committee

DY:DMH

Attachments

WORKING TOGETHER FOR CLEAN WATER

Phone 515/323-8000 • Fax 515/323-8050 • www.dmmwra.org
3000 Vandalia Road • Des Moines, Iowa 50317-1346



NOTICE OF MEETING

**DES MOINES WASTEWATER RECLAMATION AUTHORITY
TECHNICAL COMMITTEE**

Des Moines Wastewater Reclamation Facility

3000 Vandalia Road

Des Moines, Iowa

August 12, 2008

1:30 p.m.

AGENDA

- ITEM 1: Call to Order
- ITEM 2: Roll Call
- ITEM 3: Minutes for the July 8, 2008 meeting-Approval
- ITEM 4: Flow Monitoring Improvements-Discussion
- ITEM 5: WRF Chlorine Line Replacement-Bid Review & Recommendation
- ITEM 6: WRF Tunnel 45-1 Return Sludge Line Repair- Bid Review & Recommendation
- ITEM 7: WRA Tree/Reforestation Guidelines-Discussion
- ITEM 8: Industrial Waste Ordinance-Information
- ITEM 9: Microsludge Update-Information
- ITEM 10: Other Business
- ITEM 11: Adjourn

**DES MOINES METROPOLITAN WASTEWATER
RECLAMATION AUTHORITY**

**TECHNICAL COMMITTEE
MEETING MINUTES**

July 8, 2008

1:30 p.m.

**Des Moines Metropolitan Wastewater Reclamation Facility
3000 Vandalia Road
Des Moines, Iowa**

ITEM 1: Call to Order

Dean Yordi, Chair, called the July 8, 2008, Technical Committee meeting to order at 1:30 p.m.

ITEM 2: Roll Call

Technical Committee Members in Attendance

Jim Utter, Altoona
Karen Oppelt, Altoona
Jolee Belzung, Ankeny
Bart Weller, Clive
David Miller, Des Moines
Dean Yordi, Norwalk
Bret Vandelune, Polk County
David McKay, Urbandale
John Gibson, Waukee
Larry Read, West Des Moines
Phil Koundakjian, WRF
Royce Hammitt, WRF

Others in Attendance

Bill Stowe, Operating Contractor
Mike Hall, Operating Contractor
Scott Hutchens, Operating Contractor
Kathy Vanderpool, Operating Contractor
Dan Schrad, Operating Contractor
Vicki Gustafson, Operating Contractor
H. R. Veenstra Jr., Veenstra & Kimm, Inc.
Chuck Lewis, Brown & Caldwell
Brian Bakke, HDR

ITEM 3: Approval of Minutes for the May 13, 2008, Technical Committee meeting

Jolee Belzung made a motion to approve the minutes of the May 13, 2008, Technical Committee meeting. Jim Gibson seconded the motion. The motion carried.

ITEM 4: Flow Monitoring Improvements – Discussion

Dan Schrad of the IT Department gave a presentation about the technical side of flow monitoring. The Operating Contractor employees who had the opportunity to visit Boston looked at that city's Telog system hardware and software, which is the same as the WRA will be using. Dan distributed a document titled "WRA Flow Monitoring Project" that contains the flow meters' test site and data address. He also distributed a sample of what the flow meter reports will look like. The software has a lot of possibilities and will work with every flow meter the WRA has.

Bob Veenstra told the group that if a community wants more meters besides those that WRA will furnish, let Bob or Mike Hall know before September 2008. He said there will probably be 84 to 100 WRA meters.

ITEM 5: WRA Guidelines Regarding Core Community Participation in an Expansion Community Project – Discussion

Dean Yordi led a discussion about the guidelines that were sent out in the meeting packet. The discussion led to two changes being made to the wording in the "after construction" portion of the guidelines. In the second bullet item, the word "communities" will be substitute for the word "community." In the third bullet item, the word "approve" will be substituted for the word "determine."

Dave McKay made a motion to accept the guidelines and to include the changes in the motion; Larry Read seconded the motion. The motion carried.

ITEM 6: 28E Agreement between Polk County, Ankeny, and WRA for Participation in Four Mile Interceptor Extension Sewer – Discussion

It was reported that Ankeny, Polk County, and the WRA have approved this 28E agreement.

ITEM 7: WRA Tree/Reforestation Guidelines – Discussion

Bill Stowe reported that the city of Des Moines will parallel the set of guidelines that was included in the meeting packet mailing. He summarized the guidelines and led a discussion and answered questions. On-site tree replacement or mitigation will become part of future project costs. A list of approved species will be brought back to the next Technical Committee meeting.

ITEM 8: 2008 Flood – Information

Mike Hall distributed a document titled "Flood of 2008/WRA Facilities Status." He summarized the damages for the group. The document describes the damage to the Westside Basin, the Southern Tier Pump Station and Basin,

the Southwest Basin, the Collection System, and the Wastewater Reclamation Facility. Mike and Scott Hutchens complimented Waldinger, Electric Pump, Oakview and other contractors who worked many hours on the weekends and the holiday in an attempt to get the basins and pump stations back to temporary operating status as soon as possible. The collection system needs to be inspected to determine the extent of damage, and the pumps and equipment at the WRF need to be cleaned in order to remove the grit and silt that has settled in them.

The total damage costs for cleanup and repairs that do not include emergency protection measures or mitigation for all the WRA/WRF facilities is estimated to be approximately \$2.5 million.

Bob Veenstra distributed a memorandum titled "June 2008 Elevated Flow Event/Flow Hydrographs." Bob summarized the memorandum and went over each of the attached hydrographs of flow meters that are being evaluated for extraneous flow on the WRA conveyance system.

ITEM 9: Benchmarks – Discussion

Deferred until the August meeting.

ITEM 10: Industrial Waste Ordinance – Information

Deferred until the August meeting.

ITEM 11: MicroSludge Update – Information

Deferred until the August meeting.

ITEM 12: Other Business

None

ITEM 13: Adjourn

It was moved and seconded to adjourn the meeting; the motion carried. The meeting adjourned at 3:21 p.m.