

Workshop Meeting
South Washington Watershed District
Tuesday, February 26, 2008
6:00 p.m.
Woodbury Public Works Building
2301 Tower Drive, Woodbury, MN

1. Call to Order and Setting of Agenda

Manager Lavold called the meeting to order at 6:02 p.m.

Addition to agenda;

4. – Wilmes Lake Update

Roll Call:

Jack Lavold - President

Denny Hanna – 1st Vice President

Brian Johnson – 2nd Vice President

Mike Pouliot – Treasurer

Don Pereira - Secretary

Staff:

Matt Moore, SWWD Administrator, Melissa Imse, Administrative Assistant

Others:

Mr. Michael Johnson, HDR Engineering, Inc.

2. Bailey Lake/East Ravine Update

- Sub-watershed Updates and Modeling-Mr. Michael Johnson from HDR Engineering, Inc., presented an update on the November 2007 Model Update and Analysis Report on Bailey Lake and the Central Draw. This same report was presented to both the City's of Woodbury and Cottage Grove on February 6, 2008. Mr. Johnson explained that the City's of Woodbury and Cottage Grove used a model formulated by Bonestroo. Both HDR and Bonestroo's models are generally similar. Manager Lavold questioned if the Bonestroo's models were the same for the City of Cottage and Woodbury. Mr. Johnson explained that they are currently using different models for each city. However, noted that communication and understanding of each of the models are happening between Bonestroo and the City's.

- Modeling Results-Mr. Michael Johnson from HDR Engineering, Inc. presented to the Board the results of the Model. Mr. Johnson explained that the Bailey Lake pump station at its current operation has the ability to store water in CD-P86 with about 1 foot of freeboard. The concern is that as the growth and development occurs within the East Ravine area of Cottage Grove and Woodbury, the need for water storage and an overflow plan needs to be place. The Model showed a potential overflow of 906 feet across 70th Street in Cottage Grove. To control this potential overflow, a 48" overflow pipe would need to be constructed to keep the level at 901 feet.

- Inter-Community Flows and Assessment Points- Mr. Johnson explained that to ensure adequate down stream capacity, certain assessment points should be used as monitoring points for both Cottage Grove and Woodbury.

- Summary of Study Results- The present modeling indicates a 48-inch diameter pipe capacity, at a minimum, is required to adequately convey the overflow. An

implementation plan for the overflow should be in place before development is complete.

- Critical discussion points- Mr. Johnson concluded his presentation by providing the Board critical points for discussion and follow-up:
 - CDP-85 inflows
 - Flow across Municipal Boundaries into Cottage Grove
 - Inflow rate and volume into Bailey Lake
 - SWMP layout and infrastructure for Cottage Grove

3. Board Discussion

- The Board followed up with discussion on the critical points presented. Manager Lavold would like to evaluate the operation of the Bailey Lake pump station. The Board was in agreement to continuing working with the City of Cottage Grove regarding the Central Draw Storage Facility continue to promote the use for local drainage without compromising the regional needs. Further discussion of the financing will be included in the upcoming workshop on Stormwater Utility calculations. The issue of timing of construction of the overflow will be a continued discussion element to ensure adequate planning.

4. Wilmes Lake Update

- Administrator Moore stated that the next meeting on Wilmes Lake is on Thursday, February 28th. This meeting will include the residents of Wilmes Lake, City of Woodbury Officials, and members from the DNR. The two main discussion points are: The lowering of the water level of the Lake and the emergency overflow analysis. Administrator Moore stated that he would continue meeting with the City and work together to start providing resolutions for the residents. Administrator Moore notified the Board that the flood-proofing item has been removed for the upcoming City Council meeting on March 5th.

Meeting adjourned at 7:38 p.m.