

DANE COUNTY DRAINAGE BOARD MEETING

August 29, 2017

Location: Town of Bristol Hall, 7747 County Highway V, Sun Prairie, WI 53590

Drainage Boards Members Present: Scott Ringelstetter, Leonard Massie, Paul Maly

Others Present: John Mitby (Board Attorney), Tom Veith (Engr.- Sun Prairie), Adam Gallagher (Dane County Treasurer)

District Members present:

District No. 4 Corey Kualo, Bret Renk, Doug Tjugum, Delano Tjugum, Dennis Laufenberg, Grant Gallicker, Bob Voyt, Al Seltzner

District No. 9 Jerry Bradley, Josh Miller, James Yelk, Scott Freitag, Brad Freitag, Alan Rademacher

District No. 21 John Damm, Doug Tjugum

District No. 22 Allen Reuter, Kelli Bialkowski

District No. 28 Keith Rademacher, Brian Rademacher

District No. 25: Christine Lamm, Allen Reuter, Kelli Bialkowski

Others (no District indicated) Diane & David Iheand, Jerry Derr, Stuart Meier

Meeting called to order at 6:45 PM by Chairman Scott Ringelstetter.

Approval of minutes of previous meetings:

Moved by Massie to approve the minutes of the Board meeting of June 15, 2017 subject to changes based on financial statements as of August 31, 2017. Second by Paul Maly. MC 3 – 0.

Set date for annual inspection:

Scott and Paul will conduct the inspections after agreeing on the dates. They will let Mitby know so dates can be posted on the web site and on town's web site.

District No. 4:

Massie has studied the District maps and the size and profiles of the district main tile and laterals. The district tile system is adequate to remove $\frac{3}{4}$ inch/day. The system is old, could be deeper, and has a recurring problem at Mueller Road on the Renk property. The housing project on the west end of the district is pumping water into the district (Town Board has evidence of the pumping).

Moved by Maly to have a District 4 meeting within 30 days to set the plan of Action for the district. Second by Massie. MC 3 – 0.

District No 7:

Have bids to replace a bridge on the Zeigler field road with a culvert (approximately \$15,000). Paul Maly will work with Resource Engineering Associates (REA) to get the necessary permits.

Massie moved to make an assessment for cost in District 7 of \$20,000. Second by Maly. MC 3 -0.

District No. 8:

A reconstruction (clean-out) of the district main ditch from CTH N south to the outlet, and the lateral connecting to the District 9 main ditch (Koskonong Creek) is proposed. The lateral and main ditch south to the outlet is also Koskonong Creek. Resource Engineering Associates (REA) has toured the District with Maly and Massie.

REA will:

- (1) Prepare a preliminary plan view the sections of ditch to be cleaned. Volumes of earth to be removed will be calculated using cross-sections from district plans to meet permit requirements.
 - (2) Develop a conceptual plan with sections of ditch to be cleaned, spoil spreading locations, and tree removal and disposal locations.
 - (3) Assist in submitting requests for Chapter 30, DNR NOI, Dane County Zoning, and Dane County Erosion Control permits.
 - (4) After permits are obtained, will bid the projects, place grade stakes at places with known ditch cross-sections, and monitor progress weekly.
- Permission has been received to pile trees at McCarthy Park for later removal.

District No. 9:

A reconstruction (clean-out) of the main ditch (Koshkonong Creek) from the driveway into the Sun Prairie sewage treatment plant to the outlet into District 8 (roughly 10,000 feet) is proposed. Resource Engineering Associates (REA) has toured the District with Maly and Massie.

REA will:

- (1) Prepare a preliminary plan view the sections of ditch to be cleaned. Volumes of earth to be removed will be calculated using cross-sections from district plans to meet permit requirements.
- (2) Develop a conceptual plan with sections of ditch to be cleaned, spoil spreading locations, and tree removal and disposal locations.
- (3) Assist in submitting requests for Chapter 30, DNR NOI, Dane County Zoning, and Dane County Erosion Control permits.
- (4) After permits are obtained, will bid the projects, place grade stakes at places with known ditch cross-sections, and monitor progress weekly.

A proposed assessment for costs on the properties within the City of Sun Prairie will be prepared and shared with the City. The objective is to have the City share the construction cost rather than the individual property owners. The Drainage Board and the City have on-going discussions about transferring that portion of the district inside the city limits to the city. This may be the time to accomplish the transfer and determine what portion of the costs for future management and maintenance of the district should be paid by the city.

The City of Sun Prairie (Tom Veith) will provide an estimate of the percentage (%) of main ditch capacity used by the city's runoff and sewage treatment plant discharge.

District No. 11:

Owners of lands adjoining the main ditch have sprayed for brush control, and plan to spray again this fall.

District No. 21:

A reconstruction (clean-out) of Lateral 1 and the main ditch east of CTH N is proposed. Owners that cut and remove the trees along the ditch will receive a credit on their assessment for costs.

Maly moved that an assessment for costs of \$50,000 be made in District 21 to do the reconstruction. Second by Massie. MC 3 – 0.

District No. 22:

The transfer of District 22 lands that are within the Village of DeForest has been accomplished. Each member of the Drainage Board will send a bill for expenses of \$100 for work on the transfer to John Mitby.

DNR (Wendy Peich) has been contacted to determine if the main ditch along Hickory Lane west of I39-90-94 has a stream history. A clean-out needs to be done this fall. Permits are needed from Dane County land and Water (Jason Tuggle) and Dane County Zoning (Hans Hilbert).

District No. 25:

Massie reported on a visit by Paul Maly and himself to Christine Lamm's property on July 29, 2017. The issue being investigated was damage to Lamm's property by runoff from a Village of DeForest Business Park. A letter was prepared to describe what was seen for review by the Drainage Board. The letter included several questions about the design of the runoff control system, particularly the design storm used to size the runoff control system. The letter was shared with the Village of DeForest. Vierbicher, the designer of the DeForest Business Park Stormwater Drainage, provided a letter describing the regulations and best management practices to meet the design criteria. Design storms of 1, 2, 5, 10, 25, 50 and 100 year frequency were used. Vierbicher also reported that 1.08 feet of sediment has accumulated in the swale west of the box culvert through Grinde Road on Lamm's land. They requested that the Drainage Board perform the necessary maintenance on the swale. The swale is on private property and not a drainage district facility. The Board cannot spend district 25 funds on private lands. The Attorney representing the Village repeated the contents of the Vierbicher letter, and argued that the Village had no responsibility for damage on the Lamm property by runoff from the business park. Possible crop damage and loss on the Quamme lands west of Lamm's property will be determined during the annual district inspection in September. There was no response to the observation that the topsoil from the developed area was piled in the original natural watercourse, and is being washed through the box culvert into the drainage district in violation of the requirement that the sediment loading achieve a minimum 80% reduction in Total Suspended Solids as compared to pre-developed conditions.

No action was taken by the Board because damage to the Quamme was not known.

District No. 28:

Moved by Maly to reimburse the monies in excess of the actual cost of cleaning out Laterals 4, 5, and 7 to the District members who provided the funds for the project based on estimated cost. Second by Massie. MC 3 – 0.

An assessment for costs must be made in District 28 for the cleanout of laterals 4, 5, and 7. The members of the district that funded the project will be credited for their share and reimbursed for any amount in excess originally provided.

A preliminary investigation to restore the ditch cross-section and profile on the Merrick property is needed. The Board needs an estimate of engineering and construction cost for the project.

Assessments:

Massie moved that the Board prepare assessments for cost in the following Drainage Districts subject to the Board issuing an order to implement the assessment for costs in each district. Second by Maly. MC 3 -0.

District 4	\$12,000
District 7	\$20,000
District 8	\$10,000
District 10	\$10,000
District 11	\$10,000
District 16	\$10,000
District 21	\$50,000
District 22	\$12,700
District 25	\$10,000
District 28	\$50,000

Moved by Maly to adjourn the meeting. Second by Massie. MC 3 – 0. Meeting adjourned at 10:00 PM.