



Approved Minutes for **January 12, 2016**

An audio recording was not made for this meeting.

CALL TO ORDER: The West Dakota Water Development District convened for its regular board meeting at West River Electric, 3250 SD Hwy. 44 Rapid City, SD. Chairperson Deurloo called the meeting to order at 6:01 pm by leading the Pledge of Allegiance and giving an opening prayer. Directors present: Kenn Moss (District 1), Dan Richer (District 2), Mike Mueller (District 3), Lavern Koch (District 4), Robert Akers (District 5), Tim Rogers (District 6), Ken Steinken (District 7), Sandra Beshara (District 8), Jeannette Deurloo (District 9).

A quorum was declared.

Employees present: Emily Martinez (Administrative Manager), Leon Ewert (Parliamentarian).

Others in attendance: Lisa Kunza (SDSM&T), Larry Deibert (Hisega Meadows), Terry Cash (FourFront Design), Joanne Noyes (SDDENR Geological Survey), Aaron Tieman (SDDENR Water Rights), Jessie Allard (SDSM&T), Bill Eldridge (SDSM&T), Arden Davis (SDSM&T), Chris Ewert (H2E), and Jason C. Wright (Citizen of Call)

APPROVAL OF AGENDA – Moved by Rogers and seconded by Mueller to approve the agenda. Motion passed.

APPROVAL OF PREVIOUS MEETING MINUTES – Moved by Rogers and seconded by Richer to approve minutes from the previous meeting. Motion passed.

- October 13, 2015

DESIGNATION OF MEETING SCHEDULE AND OFFICIAL NEWSPAPERS

2016 Meeting schedule - Moved by Richer and seconded by Steinken to approve the proposed schedule with the August meeting being changed to Tuesday, August 16. Motion passed. Akers added that the July date was incorrect and that the second Tuesday would be July 12.

Designation of official newspapers - Moved by Steinken and seconded by Rogers to designate Rapid City Journal, Hill City Prevailor and New Underwood Post as the official newspapers for posting WDWDD legal notices. Motion passed.

TREASURERS REPORT

Bills requiring a vote - Moved by Rogers and seconded by Moss to pay Bills Requiring a Vote as presented by the Treasurer. Motion passed.

Approval to move uncompleted projects to 2016 - Moved by Moss and seconded by Beshara to move uncompleted 2015 projects to 2016. Motion passed

ELECTION OF OFFICERS

Chairperson Deurloo turned the meeting over to Parliamentarian Leon Ewert to run election of officers. Elections were held by written ballot. Secretary Steinken and Ewert tallied results with Administrative Manager Martinez taking Steinken's place to tally votes for secretary.

Officers elected for 2016: Mike Mueller (Chairperson); Dan Richer (Vice-chairperson); Ken Steinken (Secretary); Tim Rogers (Treasurer).

SDSM&T WELL TESTING STUDY

Dr. Arden Davis of South Dakota School of Mining & Technology (SDSM&T) began his presentation by thanking WDWDD for funding the "Crystalline Aquifers of the Central Black Hills, SD" study. Davis reported that results of testing nearly 200 private wells in the Pre-Cambrian layer of the area around Hill City are available online at *aquifers.SDSM&T.edu*. Some wells showed 5 to 15 times the nationally recommended level of arsenic, which likely comes from naturally occurring minerals in the rock. Tests were conducted with well-owners' permission and owners received test results. Private wells are not regulated by the government, so it is up to the owner to remediate for negative results of the tests. Several methods are available to make the well water safe. Davis requested a 6-month no-cost extension of the study.

Moved by Rogers and seconded by Richer to extend the study at no-cost to WDWDD to June 30, 2016. Motion passed.

HAWTHORNE DITCH

Tina Mulally representing Concerned Citizens of Call narrated (via speakerphone) a video presentation outlining issues related to flooding and oversaturation of soils in areas surrounding the Hawthorne Irrigation Ditch in Rapid Valley. Mulally reported that developers have cut stormwater runoff ditches into the irrigation ditch. Some septic systems in the vicinity of the ditch have failed county inspections, but have been granted extensions to allow time to investigate reasons for soil saturation and to develop remediation plans. Mulally said that in the future affected residents may petition WDWDD for assistance getting septic systems in compliance. She will contact the Hydrology Department at the SDSM&T to request assistance in researching the cause of oversaturation in areas near the ditch.

Ernie Getty, a 35-year Rapid Valley resident and member of Concerned Citizens of Call, spoke about oversaturation issues on his three properties near the ditch. These included a rise in his well level when water begins running through the ditch in the spring, 18 inches of water in his crawl space and his septic system filling up while his house was vacant for two months.

Director Koch left the meeting at 7:18 pm.

SD GEOLOGIC SURVEY REQUEST FOR FUNDING

Joanne Noyes of the South Dakota Department of Environment and Natural Resources Geological Survey Program appeared on behalf of the Western Hydrology Conference coordinating committee. She requested that WDWDD provide \$2,000 to continue its tradition of sponsoring the John T. Loucks Distinguished Lecture speaker at the conference in April. She

reported that the committee had decided to provide one free registration to a WDWDD Board member. Additional board members can attend for a reduced fee of \$50 each.

Moved by Rogers and seconded by Beshara to provide \$2,000 to sponsor the John T. Loucks Distinguished Lecture speaker at the 2016 Western Hydrology Conference. Motion passed. Richer and Moss opposed.

RAPID CREEK DIDYMOSPHENIA GERMINATA PRESENTATION

Dr. Lisa Kunza of SDSM&T presented a summary of findings from this study funded by WDWDD. The study, which analyzed the gut content of mayflies, concluded: "The alteration in the availability of benthic resources in Rapid Creek was driven by discharge and can have direct effects on the stability of Rapid Creek's food web and possibly limit production at higher trophic levels."

HISEGA MEADOWS WATER FUNDING REQUEST

Larry Diebert of Hisega Meadow Water (HWM) presented probable cost estimates provided by FourFront Design for two different options to upgrade its current pumphouse and water treatment facility. Option 1 cost \$234,300. Option 2 cost \$399,000. Directors Rogers, Beshara and Akers expressed reservations about providing the \$160,000 level of funding that was included in the 2016 budget. Directors were concerned that \$160,000 was too much to spend on a single project considering that WDWDD receives approximately \$200,000 per year from the county in tax revenue.

Moved by Deurloo and seconded by Rogers for HWM to provide WDWDD at its March meeting estimates of only the cost needed to make the water system operationally safe. Motion failed.

Moved by Beshara and seconded by Akers to come up with an amount that WDWDD would be willing to provide and be done with it. Chair Mueller requested a roll call vote. Directors Akers, Beshara, Steinken and Mueller voted Yes. Directors Richer, Rogers and Deurloo voted No. Moss abstained. Motion passed, 4-3.

Moved by Rogers and seconded by Deurloo to provide HWM with \$40,000 to apply to the project. Motion passed with 2 opposed. Richer pointed out that two votes are required on grant funding requests so the board will vote again on the request at the March meeting.

CANYON LAKE DREDGING PROJECT

Rogers reported on the Memorandum of Understanding draft (included in the board packet) that would "outline the procedures and responsibilities regarding purchase, operation, maintenance and ownership" of a dredge that would be purchased and used to remove sediment from Canyon Lake and then be used to dredge other bodies of water. The agreement is between four agencies: South Dakota Game, Fish and Parks, West Dakota Water Development District, City of Rapid City, and South Dakota Department of Environment and Natural Resources. Rogers asked for directors to let him know of any concerns they had with the MOU so that they could be incorporated into the final version of the document, which will need to be signed by all four agencies.

ITEMS FROM DIRECTORS

Contractor and Attorney contracts

Rogers, Akers and Deurloo will meet with Sarah Frankenstein to come up with contracts for services provided by H2E and Frankenstein.

ITEMS FROM ADMINISTRATION

Upcoming water-related meetings:

Legislative breakfast on January 13 in Pierre, SD

H2E staff Leon Ewert and Martinez and Director Deurloo will attend. H2E cover travel costs.

Interagency water meeting on January 21, 9 am at Forest Service Office (on S Hwy 16)

Mueller, Rogers and Deurloo interested in attending.

Director Term Expirations

Martinez reported that terms expire at the end of 2016 for directors representing even-numbered areas: Richer (2), Koch (4), Rogers (6), Beshara (8). She provided written information on the procedure to run for re-election

ITEMS FROM THE PUBLIC – The floor was opened to the public. No public comment.

Meeting adjourned at 9:18 pm.

Respectfully Submitted,

Ken Steinken, Secretary