Wyoming Water Development Commission
Select Water Committee
Joint Workshop
Casper, Wyoming
November 9th, 2016

1. Chairman Sheridan Little called the workshop to order at 1:35pm.

2. Roll Call
   Commission attendance:
   Sheridan Little, Chairman
   Todd Werbelow, Secretary
   Karen Budd-Falen
   Bill Resor
   Rodney Wagner
   David Evans
   Jeanette Sekan
   Floyd Canfield
   Clinton Glick - absent
   Nick Bettas - absent

   Select Water Committee attendance:
   Senator Stan Cooper
   Representative Robert McKim
   Representative Stan Blake
   Representative John Eklund
   Representative Hans Hunt
   Representative Jerry Paxton

3. **Wyoming State Engineer's Report**
   - Colorado River Report
     Steve Wolff, Administrator, Interstate Streams Division, Wyoming State Engineer's Office and Chris Brown, Senior Assistant Attorney General, Water & Natural Resources Division, Wyoming Attorney General's Office presented a summary of "*Wyoming and the Colorado River: A report*" , by Pat Tyrrell the Wyoming State Engineer and the Wyoming State Engineer's Office.

4. **Update of "Bark Beetles, Snow Sublimation and Forest Water Budgets: Surprising Findings Improve Predictive Understanding" – Dr. Brent Ewers**
   - Dr. Brent Ewers – The forests in Wyoming are undergoing profound changes in their hydrologic partitioning of precipitation due to an ongoing epidemic of bark beetles. These forests are key components of major river watersheds

and could magnify any impacts on downstream users of water. Recent research at the forest stand scale has shown that as the trees die over the first several years of an outbreak, evapotranspiration declines, soil moisture increases, soil nitrogen increases and snowpack increases and melts faster. These changes in forest hydrology strongly suggest that streamflow should increase. However, ongoing streamflow measurements show no increase. This conundrum between stand processes and watershed processes was directly addressed by this project. Further, the length of time in which hydrological changes at the stand scale will persist is unknown because of lack of knowledge about how these stands will experience succession during and after bark beetle epidemics.

5. **Financial Status Report**

   Director LaBonde and Fiscal Officer Andrea Odell reviewed the preliminary fiscal projections for Water Development Accounts I, II, and III provided to the Commission and Committee.

6. **Funding Applications – Preliminary Review**

   Director LaBonde briefly reviewed a number of the projects, specifically:

   - Lake DeSmet – Purchase of Storage
   - Lance Creek Well Connection
   - Small Water Projects – New Development
   - Sponsor's Contingency Fund – New Development
   - Hog Island Water Master Plan
   - Small Water Projects – Rehabilitation
   - Sponsor's Contingency Fund - Rehabilitation
   - Greybull Valley Irrigation District Storage Enlargement, Phase III
   - Willwood Dam – Shoshone River
   - Stateline Dam Enlargement, Phase II
   - West Fork Reservoir, Phase III
   - Broken Wheel Ranch Groundwater Supply
   - Opal Well Improvements 2017

   Director LaBonde outlined the project review process for new Commissioners and Committee members.

Workshop adjourned 5:04 pm

Todd Werbelow, Secretary

Wyoming Water Development Commission
Select Water Committee
Joint Meeting
Casper, Wyoming
November 10th and 11th, 2016

1. Chairman Sheridan Little called the meeting to order at 8:36 a.m.

2. Secretary Todd Werbelow called the roll of commissioners:

Commission Attendance:
Sheridan Little, Chairman
Todd Werbelow, Secretary
Bill Resor
David Evans
Clinton Glick
Karen Budd-Falen
Floyd Canfield
Rodney Wagner
Jeanette Sekan
Absent: Nick Bettas, Vice-Chairman
Quorum present

Advisors in Attendance:
Greg Kerr, University of Wyoming
Chris Brown, Senior Assistant Attorney General
Abigail Boudewyns, Assistant Attorney General

Select Water Committee Attendance:
Senator Gerald Geis
Senator Stan Cooper
Senator Ogden Driskill
Senator Curt Meier
Senator Dan Dockstader
Representative Stan Blake
Representative Robert McKim
Representative Hans Hunt
Representative John Eklund
Representative David Northrup
Representative Jerry Paxton
Absent: Senator John Hastert

3. **Approval of Agenda** – Todd Werbelow made a motion to approve the agenda. Rod Wagner seconded the motion. The motion carried unanimously.

4. **Approval of Minutes** – A motion to approve the August 2016 workshop and meeting minutes was made my Todd Werbelow. Jeanette Sekan seconded the motion. The motion carried unanimously. The October 24, 2016 meeting minutes were not available for approval at meeting time.

   In a separate action the Select Water Committee approved the August 26, 2016 minutes of the Committee. Senator Stan Cooper made a motion to approve the August 26, 2016 minutes, seconded by Representative McKim. The motion carried unanimously.

5. **Audience Introductions**

6. **Closeout of Planning Projects**
   - Byron Master Plan, Level I – Dave Myer, Project Manager provided a brief summary of the project findings. Floyd Canfield moved the acceptance of the Byron Master Plan, Level I Study project report as being complete and further, the WWDC makes the following findings relative to this project:

     That the Commission recommends proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor. Jeanette Sekan seconded the motion, the motion carried unanimously.
   - Cowley Master Plan, Level I – Dave Meyer, Project Manager provided a brief summary of the project findings. Jeanette Sekan moved the acceptance of the Level I Cowley Master Plan report as being complete and further, the WWDC makes the following findings relative to this project:

     That the Commission recommends proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor. Rod Wagner seconded the motion, the motion carried unanimously.
   - Deaver Irrigation District Master Plan Update Level I – Jodie Pavlica, Project Manager provided a brief summary of project findings. Rod Wagner moved the acceptance of the Deaver Irrigation District Master Plan Update Level I project report at being complete and further, the WWDC makes the following findings relative to this project:

     That the Commission recommends proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor. Todd Werbelow seconded the motion, the motion carried unanimously.

- Dry Creek Irrigation District Master Plan, Level II – Peter Gill, Project Manager provided a brief summary of project findings. Bill Resor moved acceptance of the Dry Creek Irrigation District Master Plan Level I project report as being complete and further, the WWDC makes the following findings relative to this project:
    1. That the Commission recommends proceeding to Level III of project development upon the submittal of an appropriate funding application by the sponsor.
    2. Based on the findings in the final report, the project is determined to be in the public interest.
    3. The project functions and services cannot realistically be provided by any person, association or corporation engaged in private enterprise.

  Rod Wagner seconded the motion, the motion carried unanimously.

- Heart Mountain Canal Rehabilitation, Level II – Dave Myer, Project Manager provided a brief summary of project findings. Todd Werbelow moved acceptance of the Heart Mountain Canal Rehabilitation Level II project report as being complete and further, the WWDC makes the following findings relative to this project:
    1. That the Commission recommends proceeding to Level III of project development upon the submittal of an appropriate funding application by the sponsor.
    2. Based on the findings in the final report, the project is determined to be in the public interest.
    3. The project functions and services cannot realistically be provided by any person, association or corporation engaged in private enterprise.

  Floyd Canfield seconded the motion, the motion carried unanimously.

- High Meadow Ranch, Level II – Kevin Boyce, Project Manager provided a brief summary of project findings. Jeanette Sekan moved acceptance of the High Meadow Ranch Level II project report as being complete and further, the WWDC makes the following findings relative to this project:
    1. That the Commission recommends proceeding to Level III of project development upon the submittal of an appropriate funding application by the sponsor.
    2. Based on the findings in the final report, the project is determined to be in the public interest.
    3. The project functions and services cannot realistically be provided by any person, association or corporation engaged in private enterprise.

  Rod Wagner seconded the motion. The motion carried with David Evans declaring a conflict interest and abstaining from the vote.

- LeClair Irrigation District Master Plan, Level I – Jodie Pavlica, Project Manager provided a brief summary of project findings. Rod Wagner moved acceptance of the LeClair Irrigation District Master Plan, Level I project report as being complete and further the WWDC makes the following finding relative to this project:

  That the Commission recommends proceeding to the next Level of project Development upon the submittal of an appropriate funding application by the sponsor.

  Todd Werbelow seconded the motion, the motion carried unanimously.

- Opal Master Plan, Level I – Kevin Boyce, Project Manager provided a brief summary of project findings. Todd Werbelow moved acceptance of the Opal Master Plan, Level I project report as being complete and further the WWDC makes the following finding relative to this project:

  That the Commission recommends proceeding to the next Level of project development for those projects which may be eligible for WWDC, DWSRF or RUS funding.

  Rod Wagner seconded the motion, the carried unanimously.

- Sublette Creek Reservoir, Level II, Phase II – Tony Rutherford, Project Manager provided a brief summary of project findings. Bill Resor moved acceptance of the Sublette Creek Reservoir, Level II, Phase II project report as being complete and further, the WWDC makes the following findings relative to this project:

  That the Commission recommends terminating further consideration of the proposed project.

  Floyd Canfield seconded the motion. Discussion followed with representatives from the Cokeville Development Company. The motion carried unanimously.

- Upper North Platte River Watershed Study, Level I – Peter Gill, Project Manager provided a brief summary of project findings. Todd Werbelow moved acceptance of the Upper North Platte River Watershed Study, Level I project report as being complete and further, the WWDC makes the following findings relative to this project:

  That the Commission recommends proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor.

  Rod Wagner seconded the motion, the motion carried unanimously.

7. **Update of Level III Construction Projects:** Bryan Clerking provided Project Updates for the following Level III projects:
   - Antelope Valley Regional Connection
   - Casper Zone II 2015
   - Lakeview Irrigation Rehabilitation 2016

- Meeteetse Tank SCADA Retrofit
- Midvale Rehabilitation 2013
- Sheridan 4MG Tank
- S-LSRCD Battle Creek Diversions
- South Big Horn County Pipeline
- South Thermopolis Water Supply Project

The information above was presented for information only, no action by either the WWDC nor the SWC was required.

8. Planning Amendments

- *Clearmont Test Well, Level II Study, Amendment No. 1*

  An interim amendment to the engineering contract with Weston Engineering, Inc was presented. The amendment serves to increase the total Contract dollar amount by thirty thousand dollars ($30,000.00) adding to Phase I, Task 6 for the installation of a shallow alluvial test well. The total Contract amount hereby increases by thirty thousand dollars ($30,000.00) from five hundred sixty-seven thousand, four hundred dollars ($567,400.00) to five hundred ninety-seven thousand, four hundred dollars ($597,400.00).

  Todd Werbelow made a motion to approve the amendment, seconded by Rod Wagner. The motion carried unanimously.

  The Select Water Committee took similar action and approved the Clearmont Test Well, Level II Study, Amendment No. 1.

- *Nowood River Storage Study, Level II, Amendment No. 5*

  An interim amendment to the engineering contract with Trihydro Corporation was presented. The amendment serves to supplement existing and add additional Phase III tasks for permitting assistance on Alkali Creek Reservoir as provided herein, increase the total Contract dollar amount by one hundred forty-five thousand dollars ($145,000.00) to one million five hundred six thousand seven hundred forty dollars ($1,506,740.00) and to extend the term of the contract through March 31, 2020.

  Jeanette Sekan made a motion to approve the amendment, seconded by Rod Wagner. The motion carried unanimously.

  The Select Water Committee took similar action and approved the Nowood River Storage Study, Level II, Amendment No. 5.

9. 2017 Funding Recommendations – New Development Program

New Development Program – Account I

Level III Projects – Account I

- *Cody Tank 2017*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $2,412,000.00. The remaining funding of $1,188,000.00 will be provided by the sponsor, the City of Cody's reserve account funds.

- *Cowley Tank 2017*
  The Director's recommendation was to approve funding in the amount of a 67% grant only of $3,155,700.00. The remaining funding, $1,554,300.00 will be provided by the sponsor, the Town of Cowley, potentially utilizing funds from USDA/RD or DWSRF funding.

- *Gillette Regional Extensions 2017*
  The Director's recommendation was to approve design only funding as a 67% grant only in the amount of $361,800.00. The remaining funding of $178,200.00 will be provided by the sponsor, the City of Gillette with Support of the Campbell County Commission, utilizing Campbell County Facilities Tax.

- *Glenrock Transmission Pipeline 2017*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $254,000.00. The remaining funding of $125,400.00 will be provided by the sponsor, the Town of Glenrock.

- *High Meadow Ranch Well, Tank & Pipeline 2107*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $1,991,910.00. The remaining funding of $981,090.00 will be provided by the sponsor, the High Meadow Ranch Water District, potentially utilizing SRF/SLIB/RUS funding. The recommendation included the authorization for the Sponsor Purchase/Acquisition of the 2016 Level II Well @ $56,179.26.

- *Lake DeSmet – Purchase of Storage*
  The Director's recommendation was to approve negotiations and pursue acquisition of Lake DeSmet water assets with a requested appropriation of $4,500,000.00.

- *Opal Well Improvements*
  The Director's recommendation was to not approve the requested funding as a 67% grant only in the amount of $4,690.00. The remaining funding of $2,310.00 will be provided by the sponsor, the Town of Opal.

- *Pineview Tank & Booster Pump 2017*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $368,500.00. The remaining funding of $181,500.00 will be provided by the Sponsor, the Pineview Improvement and Service District, potentially utilizing funding from Campbell County District Support Grant and a SRF loan.

- *Pioneer Transmission Pipeline 2017*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $1,246,200.00. The remaining funding of $613,800.00 will be provided by the Sponsor, the Pioneer Water and Sewer District, as the WWDC recommends the Sponsor apply to the SRF program for funding to replace the WWDC loan request.

- *Thayne Tank 2017*
  The Director's recommendation was to approve funding as a 67% grant only in the amount of $589,600.00. The remaining funding of $290,400.00 will be provided by the Sponsor, the Town of Thayne, potentially utilizing a loan from SRF. The Sponsor is also responsible for $197,586.00 of ineligible costs.

- *Weather Modification Wind River Mountains 2018*
  The Director's recommendation was to approve funding as a 25%-75% funding split. The total estimated operations budget is $575,000.00 with Wyoming Water Development's share to be $143,750 with an additional $10,000.00 for WWDO oversight, an adjusted requested appropriation of $155,000.00 The remaining funding of $431,250.00 will to be provided by collaborative funding partners. If funding cannot be secured, the project will be cancelled.

- *Wheatland Wells 2017*
  The Director's recommendation was to approve funding as a 67% grant only, in the amount of $994,950.00. The remaining funding of $490,050.00 will be provided by the Sponsor, the Town of Wheatland, as the WWDC recommends the Sponsor apply to the SRF program for funding to replace the WWDC loan request.

Jeanette Sekan made a motion to accept the Director's recommendations on Account I, Level III projects, with the exception of Lake DeSmet – Purchase of Storage and Opal Well Improvement 2017. Karen Budd-Falen seconded the motion. The motion carried unanimously.

Karen Budd-Falen made a motion to not accept the Director's recommendation for Lake DeSmet – Purchase of Storage. Bill Resor seconded the motion. Karen amended her motion to defer this decision to the December 2016 meeting after a review of the Level I study and development of a proposal. Bill Resor seconded the amendment. Discussion followed. The motion carried unanimously.

Jeanette Sekan made a motion to reject the Director's recommendation for the Opal Well Improvements 2017 and by doing so allowed the funding of the project as a 67% grant only in the amount of $4,690.00. The remaining funding of $2,310.00 will be provided by the Sponsor, the Town of Opal. Rod Wagner seconded the motion, the motion carried unanimously.

Level III Project - Amendments

- *Gillette Madison Pipeline*
  The Director's recommendation was to extend the reversion date from July 1, 2017 to July 1, 2020.

- *Gillette Regional Extensions – Phase II*
  The Director's recommendation was to approve construction funding as a 67% grant only in the amount of $1,675,000.00 for Phase II of the Regional Extensions project. The remaining funding of $825,000.00 will be provided by the Sponsor, City of Gillette, and its share from the Campbell County Capital Facilities Tax.

- *Lance Creek Well Connection*
  The Director's recommendation was to closeout the project and revert the remaining funds back into Account I. The District expressed concerns with a clause in the WWDC project agreement that requires the District to pay a percentage (67%) of all bulk water sales to the WWDC. Because of the District's concerns regarding the bulk water sales language, the District has not signed their WWDC Project Agreement.

- *Laramie North Side Tank*
  The Director's recommendation was to approve construction funding as a 67% grant only in the amount of $7,303,000.00. The remaining funding of $3,597,000.00 will be provided by the Sponsor, the City of Laramie, potentially utilizing SRF funding.

- *Riverton Water Supply*
  The Director's recommendation was to extend the reversion date from July 1, 2017 to July 1, 2020. The project is underway and is taking more time than expected due to right of way issues involving the Wind River Indian Reservation.

- *Small Water Project Program – New Development*
  The Director's recommendation was to provide no additional funding at this time. The WWDO is recommending the authorization of the program be ongoing and is providing this recommendation as an update to the status of the program.

- *Sponsor's Contingency Fund – New Development*
  The Director's recommendation is to extend the reversion date from July 1, 2017 to July 1, 2025. No additional funds are requested at this time.

  Todd Werbelow made a motion to accept the Director's recommendations on Level III, Account I Amendments with the exception of Lance Creek Well Connection. Rod Wagner seconded the motion. The motion carried unanimously.

  The effect of the motion was to not cancel the Lance Creek Well Connection project at this time.

Level II Projects – Account I

- *Big Horn Regional Southern Water Supply*
  The Director's recommendation was to provide funding in the amount of $180,000.00 to allow the Hot Springs users to seek alternative means of source supply for long-term reliability and cost-effectiveness as has been successfully demonstrated by the Big Horn Regional Project and other similar regional drinking-water projects in the State.

- *Broken Wheel Ranch Groundwater Supply*
  The Director's recommendation was to decline the funding request in the amount of $350,000.00 to investigate the siting, construction, and testing of a new test/production well to ensure a reliable, long-term, and adequate groundwater

supply as the Sponsor, the Broken Wheel Ranch Property Owner's Association has yet to form a district and therefore are not yet a public entity.

- *Buffalo Groundwater Supply*
  The Director's recommendation was to provide funding in the amount of $180,000.00 to investigate the potential use of an existing deep Madison Aquifer ell as a groundwater supply for the City of Buffalo, Wyoming, the Sponsor.

- *Douglas Test Well Study*
  The Director's recommendation was to provide funding in the amount of $1,205,000.00 for the Sponsor, the City of Douglas. They are requesting a Level II drilling and testing program to explore for additional groundwater supply capacity and system supply redundancy.

- *First Mesa & Stateline Canal Enlargements*
  The Director's recommendation was to provide funding in the amount of $190,000.00 for the Sponsor, the Savery-Little Snake River Water Conservancy District to evaluate the feasibility of enlarging and/or extending the First Mesa and Stateline Canals to provide a water supply to new potentially irrigable lands and to service existing water rights more efficiently. There will also be an analysis to evaluate the potential for changing a point of diversion and water rights to put the Woodburry ditch into the Stateline Canal. The study will also inventory and evaluate structures along the canals for needed improvements to accommodate increased flow.

- *GR/RS/SC JPWB Wind River Zone Study*
  The Director's recommendation was to provide funding in the amount of $180,000.00 for the Sponsor, GR/RS/SC JPWB to investigate supplemental and redundant transmission/pumping capacity to the Wind River Zone in the City of Rock Springs. This need was identified in Task 6 of the 2009 WWDC GR/RS/SC JPWB Water System Master Plan.

- *Rolling Hills Groundwater Supply*
  The Director's recommendation was to provide funding in the amount of $750,000.00 for the Sponsor, the Town of Rolling Hills, to investigate developing an additional groundwater supply well for the Town of Rolling Hills, Wyoming.

  Jeanette Sekan made a motion to accept the Director's recommendations with the exception of First Mesa & Stateline Canal Enlargement. Bill Resor seconded

the motion. Jeanette amended her motion to also handle the Broken Wheel Ranch Groundwater Supply separately. Bill Resor seconded her amendment. The motion carried unanimously.

Karen Budd-Falen made a motion to not accept the Director's recommendation regarding the Broken Wheel Ranch Groundwater Supply and instead fund the project with a footnote to be included in the Omnibus Water Bill – Planning indicating funds are withheld pending public entity formation. Todd Werbelow seconded the motion. The motion carried unanimously.

Jeanette Sekan made a motion to defer First Mesa & Stateline Canal Enlargements funding decision until the December meeting pending an opinion from the Attorney General's Office. Floyd Canfield seconded the motion. The motion carried unanimously.

Level I Projects – Account I

- *Beaver Creek Watershed Study*
  The Director's recommendation was to provide funding in the amount of $300,000.00 to conduct a watershed study to evaluate current watershed function, irrigation diversion/conveyance systems, and upland livestock/wildlife water management and rehabilitation opportunities. Sponsor: Weston County Natural Resource District.

- *Bitter Creek/East Flaming Gorge Watershed*
  The Director's recommendation was to provide funding in the amount of $300,000.00 to conduct a watershed study to evaluate current watershed function, water availability and the hydrology/hydrogeology in the Bitter Creek, Killpecker, and Flaming Gorge (eastern portion) watersheds. Sponsor: Sweetwater County Conservation District.

- *Greybull River Watershed Study*
  The Director's recommendation was to provide funding in the amount of $325,000.00 to conduct a watershed study to evaluate current watershed function, irrigation diversion/conveyance systems, and upland livestock/wildlife water management and rehabilitation opportunities. Sponsor: South Big Horn Conservation District; and Meeteetse Conservation District.

- *Hog Island Water Master Plan*
  The Director's recommendation was to provide funding in the amount of $165,000.00 for master planning a new rural public water supply system. Sponsor: Hog Island Improvement and Service District (Pending Teton County Commission Order for Formation). The Director recommends waiving, for this Level only, the requirement the Sponsor be a public entity.

- *Horse Creek Watershed Study*
  The Director's recommendation was to provide funding in the amount of $300,000.00 to conduct a watershed study to evaluate current watershed condition and function. Wetland and riparian areas within the drainage will be analyzed, an investigation of stock water need across the basin will be completed, a geomorphic classification of the rivers and streams will be provided, and hydro-geologically based recommendations for future groundwater resource utilization and recharge will be developed. Sponsor: South Goshen Conservation District.

- *Lower Laramie River Watershed Study*
  The Director's recommendation was to provide funding in the amount of $325,000.00 to conduct a watershed study to evaluate current watershed function, irrigation diversion/conveyance systems, and upland livestock/wildlife water management and rehabilitation opportunities. Sponsor: Platte County Resource District.

- *Middle Big Horn River Watershed Study*
  The Director's recommendation was to provide funding in the amount of $325,000.00 to conduct a watershed study to evaluate current watershed function, irrigation diversion/conveyance systems, and upland livestock/wildlife water management and rehabilitation opportunities. Sponsor: South Big Horn Conservation District; and Washakie County Conservation District.

- *Niobrara/Lower N. Platte Watershed Study*
  The Director's recommendation was to provide funding in the amount of $300,000.00 to conduct a watershed study to evaluate current watershed condition, function and to help identify opportunities for river bank stabilization and erosion control projects. Sponsor: Niobrara Conservation District.

  Todd Werbelow made a motion to accept the Director's recommendations on all Level I, Account I, New Development Projects. Rod Wagner seconded the motion. The motion carried unanimously.

General – Account I

- *Statewide Water Research*
  Greg Kerr, Director of the Office of Water Programs indicated 5 proposals (A-F) were received and were listed with their non-technical statement in the meeting materials, the full proposal is available through the web address provided. The WRP Advisory Committee ranked the top four proposals A, E, C and F in that order. Karen Budd-Falen made a motion to fund proposals A. (Developing a Framework for Estimating Groundwater Connections to Wyoming Reservoirs) for $173,319.00 and C. (Numerical Simulations of the Impact of Cloud Seeding in the Wind River Range on Precipitation, Snowpack and Streamflow) for $211,210.00. Jeanette Sekan seconded the motion. The motion carried unanimously.

  The Select Water Committee took similar action and in a split vote approved funding of Proposals A and C.

10. 2017 Funding Recommendations - Dams and Reservoirs Program

Dams and Reservoirs Program – Account III

Level III Projects – Account III

- *Big Sandy Reservoir Enlargement*
  The Director's recommendation was to provide construction funding in the amount of $8,400,000.00 to be divided into an 80% WWDC grant for $6,720,000.00 and a 20% loan with terms of 50-years and 4% interest for $1,680,000.00 to the Sponsor, Eden Valley Irrigation and Drainage District. The WWDC is pursuing MOA funds to help offset the costs.

- *Middle Piney Reservoir*
  The Director's recommendation was to provide construction funding in the amount of $12,168,000.00 as a WWDC grant to reconstruct the Middle Piney Dam. The Sponsor, the State of Wyoming (WWDC). Through Agreement with the U.S. Forest Service, the State will be granted the authority to manage the facility and release stored water impounded by Middle Piney Dam.

  Karen Budd-Falen declared a conflict of interest as discussion began and excused herself from the Commission table to the audience. The Commission chose to handle this project separately so Commissioner Budd-Falen could

return to the discussions. Bill Resor made a motion to accept the Director's recommendation on the Middle Piney Reservoir. Floyd Canfield seconded the motion, the motion carried with Karen Budd-Falen abstaining.

- *Alkali Creek Reservoir*
  The Director's recommendation was to provide construction funding in the amount of $35,000,000.00 to be divided into a 94% WWDC grant for $32,900,000.00 and a 6% loan with terms of 50-years and 4% interest for $2,100,000.00. Sponsor: Nowood Watershed Improvement District.

- *Leavitt Reservoir Expansion*
  The Director's recommendation was to provide construction funding in the amount of $41,000,000.00 to be divided into a 95.9% WWDC grant for $39,319,000.00 and a 4.1% loan with terms of 50-years and 4% interest for $1,681,000.00. Sponsor: Shell Valley Watershed Improvement District.

Bill Resor made a motion to approve the Big Sandy Reservoir Enlargement, Alkali Creek Reservoir, and the Leavitt Reservoir Expansion. Jeanette Sekan seconded the motion. The motion carried unanimously.

Level II Projects – Account III

- *Big Wind River Storage Study, Phase II*
  The Director's recommendation was to provide funding in the amount of $475,000.00. Phase II would include hydrologic model refinement, in-depth geological/geo-technical analysis, wetland delineation, cultural resource survey and further economic analysis. Sponsor: Eastern Shoshone & Northern Arapaho Tribes.

- *Greybull Valley Irrigation District Storage Enlargement, Phase II*
  The Director's recommendation was to provide funding in the amount of $500,000.00. The Phase II study will continue the evaluation of the most feasible projects as outlined in the Phase I report, including the water conservation aspect. Sponsor: Greybull Valley Irrigation District.

Todd Werbelow declared a conflict of interest as discussion began and excused himself from the Commission table to the audience. The Commission chose to handle this project separately so Commissioner Werbelow could return to the discussions. Floyd Canfield made a motion to accept the Director's recommendation on the Greybull Valley Irrigation District Storage Enlargement,

Phase II funding. Jeanette Sekan seconded the motion, the motion carried with Todd Werbelow abstaining.

- *Little Wind River Storage Study, Phase II*
  The Director's recommendation was to provide funding in the amount of $475,000.00. Phase II would include hydrologic model refinement, in-depth geological/geo-technical analysis, wetland delineation, cultural resource survey and further economic analysis. Sponsor: Eastern Shoshone & Northern Arapaho Tribes.

- *New Fork Lake Dam Enlargement, Phase II*
  The Director's recommendation was to provide funding in the amount of $450,000.00 to further analyze the enlargement of New Fork Lake Dam and to focus on bathymetric and topographic surveys, hydrologic refinement, environmental field work, geotechnical investigation, alternatives evaluation and refinement, and continued coordination with the local community and appropriate agencies. WWDO proposes amending the RJH Consultants' contract to carry out the work, thereby retaining project knowledge and continuity. Sponsor: New Fork Lake Irrigation District.

- *Stateline Dam Enlargement, Phase II*
  The Director's recommendation was to deny funding in the amount of $300,000.00. Key information from the ongoing Meeks Cabin study is still being assembled for the draft report. Specifically, the economic analysis is incomplete, the final hydrologic modeling results are being refined, and Reclamation's determination of whether or not non-Lyman Project lands may be included in an enlargement project has not been received. Additionally, since the enlargement of Stateline Dam would also require technical assistance, Reclamation, the facility owner, further discussion regarding a draft Technical Service Agreement will be required to provide detail for the future scope of work and budget for this project. Discussion followed. The Commission chose to handle this item separately. David Evans made a motion to approve funding for Phase II upon completion of the Phase I Meeks Cabin report. Rod Wagner seconded the motion. The motion carried unanimously. Sponsor: Bridger Valley Conservancy District.

- *West Fork Reservoir, Phase III*
  The Director's recommendation was to provide funding in the amount of $6,220,000.00. The balance of the 2013 appropriation not obligated under contract ($6,220,000.00) reverted to Water Development Account III as of July 1,

2016 and this recommendation requests the re-appropriation of those funds to move forward with the permitting, design, and any ancillary data gathering needed to prepare the West Fork Battle Creek Reservoir project for construction. Sponsor: Savery-Little Snake River Water Conservancy District.

Todd Werbelow made a motion to accept the Director's recommendations on the Big Wind River Storage Study, Phase II; Little Wind River Storage Study, Phase II, New Fork Lake Dam Enlargement, Phase II; and West Fork Reservoir, Phase III. Rod Wagner seconded the motion. The motion carried unanimously.

Adjournment at 6:07pm.

Wyoming Water Development Commission
Select Water Committee
Joint Meeting
Casper, Wyoming
November 10th and 11th, 2016

Chairman Sheridan Little called the meeting to order at 8:32 a.m., Nov.,11, 2016.

Secretary Todd Werbelow called the roll of commissioners:

Commission Attendance:
Sheridan Little, Chairman
Todd Werbelow, Secretary
Floyd Canfield
David Evans
Travis Brockie
Karen Budd-Falen
Rodney Wagner
Jeanette Sekan
Clinton Glick
Absent: Nick Bettas, Vice-Chairman
Quorum Present

Advisors in Attendance:
Greg Kerr, University of Wyoming
Abigail Boudewyns, Assistant Attorney General

Select Water Committee Attendance:
Senator Gerald Geis
Senator Stan Cooper
Senator Ogden Driskill
Senator Curt Meier
Senator Dan Dockstader
Representative Robert McKim
Representative Stan Blake
Representative Hans Hunt
Representative John Eklund
Representative David Northrup
Representative Jerry Paxton
Absent: Senator John Hastert

11. 2016 Funding Recommendations – Rehabilitation Program

Rehabilitation Program – Account II

Level III Projects – Account II

- *Casper CY Booster Station Replacement 2017*
  The Director's recommendation was to provide funding as a 67% grant only in the amount of $852,910.00. The remaining funding of $420,090.00 will be provided by the Sponsor, the City of Casper, using their Water Fund Reserves account.

- *Deaver ID Flume Replacement/Laterals 2017*
  The Director's recommendation was to provide funding as a 100% materials only grant only in the amount of $91,000.00. The remaining funding of $247,433.00 will be provided by the Sponsor, the Deaver Irrigation District. The Sponsor share is all costs excluding materials.

- *Dry Creek Irrigation Pipeline Replacement 2017*
  The Director's recommendation was to provide funding as a 67% grant in the amount of $448,900.00 and a 33% loan in the amount of $221,100.00 with a 20 year term at 4% interest. Sponsor: Dry Creek Irrigation District.

- *Eden Valley Irrigation District SCADA 2017*
  The Director's recommendation was to deny funding as a 67% grant only in the amount of $150,750.00. The remaining funding of $74,250.00 will be provided by the United State Bureau of Reclamation. Sponsor: Eden Valley Irrigation & Drainage District.

- *Goshen Irrigation District Rehabilitation 2017*
  The Director's recommendation was to provide funding as a 100% materials only grant in the amount of $214,000.00. The remaining funding of $184,526.00 will be provided by the Sponsor, Lakeview Irrigation District. The Sponsor share is all costs excluding materials.

- *Heart Mountain Irrigation District Rehabilitation 2017*
  The Director's recommendation was to provide funding as a 100% materials only grant in the amount of $410,000.00. The remaining funding, $753,682.00, will be provided by the Sponsor, Heart Mountain Irrigation District. The Sponsor share is all costs excluding materials.

- *Midvale Pilot 27.0 A Lateral 2017*
  The Director's recommendation was to provide funding as a 100% materials only grant in the amount of $355,000.00. The remaining funding, $200,000.00 will be provided by the Sponsor, Midvale Irrigation District. The Sponsor share is all costs excluding materials. The project was identified by the Sponsor as their #1 priority.

- *Midvale Sand Butte G Lateral 2017*
  The Director's recommendation was to deny funding as a 100% materials only grant in the amount of $300,000.00. The remaining funding, $150,000.00 would have been provided by the Sponsor, Midvale Irrigation District, with their share being all costs excluding materials. This was identified by the Sponsor as their #2 priority.

- *Shoshone Irrigation District Rehabilitation 2017*
  The Director's recommendation was to provide funding as a 100% materials only grant in the amount of $234,000.00. The remaining funding, $248,000.00 will be provided by the Sponsor, Shoshone Irrigation District. The Sponsor share is all costs excluding materials.

- *Sidon Irrigation District Rehabilitation 2017*
  The Director's recommendation was to provide funding as a materials only grant in the amount of $483,000.00. The remaining funding, $376,740.00 will be provided by the Sponsor, Sidon Irrigation District. The Sponsor share is all costs excluding materials.

- *Thermopolis Pipeline Replacement 2017*
  The Director's recommendation was to provide funding as a 67% grant in the amount of $1,199,300.00. The remaining funding of $590,700.00 will be provided by the Sponsor, the Town of Thermopolis, potentially utilizing SRF loan funding. This is partial funding of the Town's request. The Commission asked for a staff evaluation of cost savings that may result from finding the full project.

  Bill Resor made a motion to accept the Director's recommendations on all Level III, Account II projects. Rod Wagner seconded the motion. The motion carried unanimously.

Level III Projects – Amendments – Account II

- *Dull Knife Reservoir Spillway Rehabilitation*
  The Director's recommendation was to provide increased funding as a 35% grant in the amount of $252,000.00. The NRCS will provide 65% grant funding in the amount of $468,000.00. Sponsor: Dull Knife Irrigation District.

- *LeClair Irrigation District Rehabilitation 2016*
  The Director's recommendation was to provide increased funding in the amount of $770,910.00. $665,310.00 as 67% grant, $105,600.00 as 11% WWDC loan with additional 22% from Cemetery District funding. The sponsor, LeClair Irrigation District, is asking for an increase to the 2016 appropriation to complete the high priority sections and requesting that the loan term be changed from 25 to 30 years.

- *Small Water Projects – Rehabilitation*
  The Director's recommendation was to provide no additional funding be provided at this time. The WWDO is recommending the authorization of the program be ongoing and is providing this recommendation as an update to the status of the program.

- *Sponsor's Contingency Fund – Rehabilitation*
  The Director's recommendation is to extend the reversion date from July 1, 2017 to July 1, 2025. No additional funds are requested at this time.

- *Willwood Dam – Rehabilitation*
  In view of the water quality and fish kill problems that occurred in October 2016, the Director recommended the project reversion date be extended one year to July I, 2018.

  Jeanette Sekan made a motion to accept the Director's recommendations on all Level III Project Amendments with the exception of LeClair Irrigation District Rehabilitation 2016 and the Willwood Dam Rehabilitation. Karen Budd-Falen seconded the motion. The motion carried unanimously.

  Jeanette Sekan made a motion to cancel the LeClair Irrigation District Rehabilitation 2016 project and develop a recommendation for a new LeClair Irrigation District Rehabilitation 2017 project. David Evans seconded the motion. The motion carried unanimously.

Karen Budd-Falen made a motion to extend the Willwood Dam Rehabilitation end date for 1 year, with no additional funds. Jeanette Sekan seconded the motion. The motion carried unanimously.

Level II Projects – Account II

- *Cody Canal Laterals*
  The Director's recommendation was to provide funding in the amount of $180,000.00 for a Level II Feasibility study to identify and prioritize converting open laterals to pipe to improve safety, conserve water, and decrease maintenance issues. Sponsor: Cody Canal Irrigation District.

- *Kirby Ditch Rehabilitation*
  The Director's recommendation was to provide funding in the amount of $100,000.00 for a Level II Feasibility study to assess and provide recommendations and cost estimates to remedy slope stability and diversion issues.
  Sponsor: Kirby Ditch Irrigation District.

- *Wheatland Irrigation District Tunnel Dam Rehabilitation*
  The Director's recommendation was to provide funding in the amount of $150,000.00 for a Level II Feasibility Study to identify rehabilitation or replacement alternatives for the aging structure and to investigate permitting, water measurement, and economics based on conceptual designs created as part of the project. Sponsor: Wheatland Irrigation District.

Todd Werbelow made a motion to accept the Director's recommendations for all Level II Projects. Floyd Canfield seconded the motion. The motion carried unanimously.

Level I Projects – Account II

- *Hanover Irrigation District Master Plan, Phase II*
  The Director's recommendation was to provide funding in the amount of $120,000.00 for a Level I Study to inventory and assess their canal system, investigate conveyance losses, and identify and prioritize capital improvement projects for financial planning. It will also analyze the pump stations and other appurtenances for automation, produce a GIS to assist in the management of the system, and recommend any needed operational changes. Cost estimates will be produced to include both a total and phased approach to construction and

replacement according to a recommended rehabilitation schedule. Sponsor: Highland Hanover Irrigation District.

- *LaPrele Irrigation District Master Plan*
  The Director's recommendation was to provide funding in the amount of $190,000.00 for a Level I Study to inventory and assess the system, investigate conveyance losses, and make recommendations relative to the prioritization of needed repairs and replacement of structures, along with other system upgrades is needed. Sponsor: LaPrele Irrigation District.

Todd Werbelow moved to accept the Director's recommendations on both Level I Projects. Rod Wagner seconded the motion. The motion carried unanimously.

12. Director's Comments

Director LaBonde reminded the WWDC their financial disclosure forms are due to the Secretary of State's Office by December 31, 2016.

13. Future Meetings Schedule

The next meeting will be in Cheyenne on December 14-15, 2016. The Select Water Committee will meet the following day on December 16, 2016. The meetings will be held at the WWD Office in the downstairs conference room.

March 2-3, 2017 will be the first meeting of 2017 and will also be held at the WWDO.

There being no further business, Floyd Canfield made a motion to adjourn at 10:51am, seconded by Bill Resor. Motion carried unanimously.

Respectfully,

Todd Werbelow, Secretary