

September 24, 2026

WWDC Regular Meeting

E-NOTEBOOK



6920 Yellowtail Rd | Cheyenne, WY 82009



WYOMING WATER DEVELOPMENT COMMISSION

WWDC MEETING
WYOMING WATER DEVELOPMENT OFFICE
6920 Yellowtail Road | Cheyenne, WY
September 24, 2026 | 8:30 a.m.

To view the livestream, sign up for public comment, or to access the most recent Agenda and E-Notebook, please visit the Water Development Office's website: <https://wwdc.state.wy.us>.

MEETING AGENDA: Thursday, September 24th, 2026 | 8:30 a.m.

**Action Item*

1. Call to Order
2. Pledge of Allegiance
3. Recognition of members present to establish a quorum

**WWDC* 4. Approval of Minutes (A)

- August 6, 2026: WWDC/SWC Joint Meeting

**WWDC* 5. 2027 Planning Projects Consultant Selection Approval (B)
Level I Projects – New Development

- Central Campbell County ISD Water Master Plan
- Wamsutter Water Master Plan

Level II Projects – New Development

- Douglas Water Source 2027
- Hudson Regional Supply Evaluation
- Lake DeSmet Water Supply

Level I Projects – Rehabilitation

- LeClair Irrigation District Master Plan
- Riverton Valley Irrigation District Master Plan

Level II Projects – Rehabilitation

- GID Whalen Dam and Upper Fort Laramie Canal Infrastructure Study

Other

- Greys River Basin Instream Flows (2026)

- *WWDC
6. Planning Closeout Memos (C)
 - Douglas Test Well, Level II Study
 - Douglas Water Master Plan, Level I Study
 - Green River/Little Snake River Basins Conveyance Loss, Level I Study
 - Pioneer Canal Lake Hattie Irrigation District Master Plan, Level I Study
 - Salt River Watershed, Level I Study
 - Shoshone Municipal Pipeline Regional Water Master Plan, Level I Study
 7. Discussion
 8. Future Meetings Schedule (D)
 - November 4-6, 2026 WWDC/SWC Workshop, WWDC/SWC Joint Meeting (Preliminary Funding Recs prior to Wyo Legislature) (Casper)
 9. Adjourn



WYOMING WATER DEVELOPMENT COMMISSION

COMMISSIONERS

Robert “Bob” Choma, Chairman | Water Division IV
robert.choma@wyoboards.gov

Ron Kailey Jr. | Water Division I
ron.kailey@wyoboards.gov

Dennis Pince, Vice-Chairman | Water Division III
dennis.pince@wyoboards.gov

Mark Kot | Water Division IV
mark.kot@wyoboards.gov

Todd Hoese, Secretary | Water Division II
todd.hoese@wyoboards.gov

John Lawson | Water Division I
john.lawson@wyoboards.gov

Liisa Anselmi-Dalton | Member-at-Large
liisa.anselmi-dalton1@wyoboards.gov

Jared White Bull | Wind River Reservation
jared.whitebull@wyoboards.gov

Leonard “Lee” A. Craig | Water Division III
lee.craig@wyoboards.gov

ADVISORS

Patrick Kent
Attorney General’s Office

Greg Kerr
University of Wyoming

Brandon Gebhart
State Engineer

Josh Dorrell
Wyoming Business Council

STAFF

Jason Mead
Director

Jason Mead
Dams & Reservoirs

Dale Vanlandingham
Administrative/Fiscal Manager

Shawn Albrandt
High Savery Dam Technician

Holly Frank
Office Support Specialist

Cindy Hernandez
Project Manager

Katie Goodell
Business Office Coordinator

STAFF (Continued)

Barry Lawrence
Deputy Director – Planning

Sarah Bargsten
Grants Administrator

Keith Clarey
Project Manager

Jodie Jackson
Project Manager

Mabel Jones
Project Manager

Cheyenne Love
Project Manager

George Moser
Project Manager

Chace Tavelli
Technical Resource Coordinator

Bill Brewer
Deputy Director – Construction

Sol Brich
Project Manager

Jeffrey Kaiser
Project Manager

Larry Mallo
Project Manager

Riley Otto
Project Manager

Jennifer Russell
Principal Engineer

APPROVAL OF MINUTES



WYOMING WATER DEVELOPMENT COMMISSION

JOINT MEETING: WWDC/SWC
6920 Yellowtail Road | Cheyenne, WY
Thursday August 6, 2026

1. Vice-Chairman Dennis Pince called the meeting to order at 8:30 a.m.
2. The pledge of allegiance was recited.
3. Recognition of Members Present to Establish a Quorum – Secretary Todd Hoes

Commission Attendance:

Robert “Bob” Choma, Chairman -Excused
Dennis Pince Vice-Chairman
Todd Hoes, Secretary
Liisa Anselmi-Dalton
Leonard “Lee” Craig
Ron Kailey, Jr.
Mark Kot
John Lawson
Ronald Vore - Excused
Jared White Bull

Select Water Attendance:

Representative Martha Lawley, Chairwoman
Senator Brian Boner, Vice-Chairman
Senator Gary Crum
Senator Ogden Driskill - Excused
Senator Mike Gierau - Virtual
Senator Stacy Jones
Senator Dan Laursen - Virtual
Representative Dalton Banks - Virtual
Representative Ken Chestek
Representative Justin Fornstrom
Representative J.T. Larson
Representative Tomi Strock

Advisor Attendance:

Patrick Kent, Attorney General’s Office
Greg Kerr, UW Office of Water Programs

4. Approval of Minutes
 - May 6th, 2026: WWDC Workshop Minutes
 - May 6th, 2026: WWDC Executive Session
 - May 7th, 2026: WWDC/SWC Joint Meeting Minutes

A motion was made by Secretary Todd Hoes to approve the minutes for the May 6th WWDC workshop and May 7th joint meeting. Commissioner Lee Craig seconded the motion; motion carried unanimously. Commissioner Mark Kot made a motion to accept the May 6th executive session minutes. The motion was seconded and carried unanimously.

5. Financial Status Update

Fiscal Manager Dale Vanlandingham went over the status of Water Development Accounts I, II, and III. The estimated balance available for Appropriation in Account I is \$46,284,610. The estimated balance for Appropriation in Account II is \$17,449,328. The estimated balance for Appropriation in

Account III is \$69,284,728. Fiscal Manager Dale Vanlandingham then discussed Reservoir Operations and Maintenance (O&M) Accounts and associated balances. Discussion ensued.

6. Construction Project Closeout Memos

Deputy Director of Construction, Bill Brewer, presented the following closeout memos:

- Gillette Regional Extensions Phase VI 2022
- Kirby Creek Spillway Replacement 2025
- Owl Creek ID System Improvements 2022

7. LaPrele Dam Update

Deputy Director of Construction, Bill Brewer, gave an update on the LaPrele Dam. A brief discussion ensued.

8. Other Items Requiring Commission Action

WWDO Grants Administrator, Sarah Bargsten, presented information regarding the Wyoming Water Development Office's proposal to apply for a \$10 million NRCS Regional Conservation Partnership Program (RCPP) grant to fund water efficiency, irrigation, and conservation projects throughout the North Platte River Basin. The five-year program would support both on-farm and off-farm irrigation improvements, water-loss reduction, aquatic habitat, streambank stabilization, and related conservation projects. As the lead partner, the Office would provide technical assistance and \$591,500 in staff time and future construction funding over five years.

Ms. Bargsten provided the Commission and members of the Select Water Committee with a handout containing information regarding the proposed geographic area for the newest RCPP proposal. Discussion ensued.

Commissioner Ron Kailey Jr. made a motion to move to authorize the Director of the Water Development Office to submit the Regional Conservation Partnership Program (RCPP) proposal, titled Wyoming's North Platte River Basin Water Efficiency and Conservation Projects, to the Natural Resources Conservation District before the deadline of August 24, 2026 and also to submit a partner letter that will contribute \$591,500 in staff time and future construction dollars toward the RCPP project over five years. The motion was seconded by Secretary Todd Hoes; motion carried unanimously.

9. Discussion

Director Jason Mead presented Technical Resource Coordinator, Chace Tavelli, with a 30-year service award and thanked Chace for his continued hard work, service and dedication to the State of Wyoming.

Following the presentation of Mr. Tavelli's award, Director Mead recognized Grants Administrator, Sarah Bargsten, for her efforts she brought forth in planning the joint August tour. Also recognized was Select Water Committee Chairwoman, Martha Lawley, for her involvement in regards to the tour.

WYOMING WATER DEVELOPMENT COMMISSION

10. Future Meetings Schedule

- WWDC – September 23-24 – Cheyenne – Consultant Selection Interviews & Meeting
- WWDC/SWC – November 4-6 – Casper – Joint Workshop & Meeting (Funding Recommendations)

11. Adjourn

A motion to adjourn the meeting of the Wyoming Water Development Commission was made by Secretary Todd Hoese. Commissioner Ron Kailey Jr. seconded the motion; motion carried unanimously. The meeting was adjourned at 9:35 am.

Respectfully submitted,

Todd Hoese, Secretary

2027 PLANNING
PROJECTS
CONSULTANT
SELECTION
APPROVAL

2026 WWDC CONSULTANT INTERVIEW SCHEDULE

WEDNESDAY, SEPTEMBER 23RD

7:30 AM

Sponsor Briefing
Capitol Extension Rm #6

	Wamsutter Water MP	LeClair ID MP	Hudson Regional	GID Whalen Dam	
Room:	Capitol Extension Rm #1	Capitol Extension Rm #2	Capitol Extension Rm #4	Capitol Extension Rm #5	
8:00 AM	Sunrise Engineering	Trihydro Corporation	HDR Engineering	Ayres Associates	Commissioners <u>Open</u>
9:00 AM	Forsgren Associates	Engineering Associates	Ayres Associates	HDR Engineering	
10:00 AM	Inberg-Miller Engineers	RESPEC		WWC Engineering	
Team:					
Project Manager	Clarey	Jones	Moser	Tavelli	
Commissioner 1	Anselmi-Dalton	Craig	Kailey	Choma	Lawson
Commissioner 2	Kot	Pince	White Bull	Hoese	
Advisor	Mallo	Kaiser	Russell	Brich	
Sponsor	Romina Chavez	Sarah Trehearne	Sherry Oler	Kevin Strecker	

12:30 PM

Sponsor Briefing
Capitol Extension Rm #6

	Central Campbell Cty	Riverton Valley ID MP	Douglas Water Source	Greys R Basin ISF	Lake DeSmet Water Supply
Room:	Capitol Extension Rm #1	Capitol Extension Rm #2	Capitol Extension Rm #4	Capitol Extension Rm #5	Capitol Extension Rm #6
1:00 PM	WWC Engineering	J-U-B Engineers	Forsgren Associates	Follum Hydrologic Soln.	DOWL
2:00 PM		RESPEC			
3:00 PM		WWC Engineering			
4:00 PM		Sunrise Engineering			
Team:					
Project Manager	Clarey	Love	Moser	Tavelli	Bargsten\Hernandez
Commissioner 1	Choma	Craig	Anselmi-Dalton	Lawson	Hoese
Commissioner 2	Kot	Pince	Kailey	---	White Bull
Advisor	Brich	Kaiser	Otto	Bryce Marston	Mallo
Sponsor	Bob Zabel	Caleb Elder	Josh Oberlander	Sydney McAndrews	Christi Haswell\Dan Roberts Kevin Silbernagel

PLANNING CLOSEOUT MEMOS



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: **Douglas Test Well**
LEVEL: II
SPONSOR: City of Douglas
LOCATION: Douglas, Wyoming
PROGRAM: New Development
PROJECT MGR: Kevin Boyce / George Moser
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	65/186	2017/23	I	\$1,655,000	2026

CURRENT CONTRACT:

Consultant

Weston Engineering, Inc.

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
05SC0296967	6-13-17	\$1,655,000	\$1,083,579.51	\$571,420.49	6-30-26

PROJECT DESCRIPTION:

The City of Douglas is located in Converse County. The water system serves approximately 6,800 people. The water supply includes one surface water source (North Platte River) and two groundwater sources (Sheep Mountain No. 1 Well and Little Box Elder Spring). Groundwater supplies are from the Casper Formation and Madison Limestone.

The 2010 Water Master Plan found that summer demands were equal to the combined yields of the Little Boxelder Spring and the Sheep Mountain No. 1 Well. The 2010 Water Master Plan also found that extended periods of elevated turbidity in the North Platte River result in the inability to effectively operate the water treatment plant to meet maximum day demands. The 2010 Water Master Plan recommended a test well drilling program to help Douglas identify water sources to meet maximum day demands.

The City of Douglas requested a Level II Well Drilling Study in 2016. The project was intended to site a production-sized well to provide additional supply.

PROJECT FINDINGS/RECOMMENDATIONS:

The consultant completed a hydrogeologic evaluation and well siting study, and developed the well drilling and aquifer testing program. Unfortunately, access for test-well drilling was unusually protracted.

During 2022, the Sheep Mountain Well No. 2 drilling contract was advertised; however, the drilling budget was insufficient. Statutory amendments during the 2023 Legislative Session added additional budget. In 2023 a well-drilling contract was awarded and drilling began.

Significant difficulty was encountered during the winter of 2023/2024 and the contractor was not able to advance the borehole to total depth. In early 2025, the Sheep Mountain No. 2 Well was drilled and completed. The well has 13 3/8-inch casing installed to 455 feet below ground surface, and a 12 1/4-inch borehole extends to 1,350 feet below ground surface.

The Sheep Mountain No. 2 Well was pumped and water-quality samples were collected. The constant production rate is about 200 gallons per minute (gpm) and the water exceeds drinking-water quality standards for gross alpha content, radium 226, and combined radium 226 and radium 228.

Multiple alternatives were evaluated for the Sheep Mountain No. 2. These alternatives are summarized as:

1. Do not connect the Sheep Mountain No. 2. This scenario would not cost Douglas any money.
2. Purchase the Sheep Mountain No. 2. This scenario would allow Douglas to take ownership of the well for \$610,838. It allows future flexibility but does not add any water to the system at the present time.
3. Connect the Sheep Mountain No. 2 to the Sheep Mountain No. 1 transmission line. This alternative would allow blending up to 36 gpm to maintain compliance with drinking-water quality standards. This project would cost approximately \$4,100,000 or about \$1,500 per tap.
4. Connect the Sheep Mountain No. 2 to the Little Box Elder Spring transmission line. This alternative would allow blending up to 200 gpm. The project would cost approximately \$15,500,000 or about \$5,600 per tap.
5. Treat the water and connect to the Sheep Mountain No. 1 transmission line. This alternative would include constructing an ion-exchange water treatment system and upgrading the existing transmission line for 200 gpm of additional supply. The project would cost approximately \$4,700,000 or about \$1,700 per tap.

Weston Engineering concluded that it is not financially feasible to connect the Sheep Mountain No. 2 to the Douglas drinking water system, and recommended Alternative No. 1. The findings of the exploration program were presented to the Douglas City Council during a regularly-scheduled meeting on August 11, 2025. After deliberation, the City Council chose Alternative No. 2 and passed a resolution to purchase the Sheep Mountain No. 2 from the Commission.

Douglas's proposal was presented to the Commission on November 5, 2025 and the Commission voted to accept the proposed purchase. The well transfer was authorized by the 2026 Legislature (2026 Session Laws, Chapter 73). The Commission approved a Well Transfer Agreement on March 18, 2026 and it was fully executed on March 23, 2026.

WWDO RECOMMENDATION:

The WWDO recommends acceptance of the final report submittals, closing the consultant services contract, and terminating further study for this Project.

WWDC PROPOSED MOTION:

I move acceptance of the Douglas Test Well, Level II Study project report as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Terminating further consideration of the proposed project.



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: Douglas Water Master Plan
LEVEL: I
SPONSOR: City of Douglas
LOCATION: Douglas, Wyoming
PROGRAM: New Development
PROJECT MGR: Julie Gondzar / Lonnie Olson
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	98	2024	I	\$286,000	2027

CURRENT CONTRACT:

Consultant

HDR Engineering, Inc.

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
029CM0097010	4-1-24	\$285,042	\$284,292.19	\$ 749.81	6-30-26

PROJECT DESCRIPTION:

The City of Douglas is located in Converse County. The water system serves approximately 6,800 people. The water supply includes one surface water source (North Platte River) and two groundwater sources (Sheep Mountain Well and Little Box Elder Spring). Groundwater supplies are from the Casper Formation and Madison Limestone. The system has four water storage tanks totaling 6,100,000 gallons.

PROJECT FINDINGS/RECOMMENDATIONS:

The study evaluated the existing infrastructure, developed demand projections, reviewed water sources, and developed recommendations for upgrades and enhancements. The Study found that the Douglas water system is in good condition, but that it still requires proactive maintenance and replacement to ensure system reliability.

Overall, the study recommended 26 separate projects that fit within the following four categories:

- **Water Supply Augmentation-** When the North Platte River has high turbidity the surface-water treatment plant typically cannot be used. During high demand and high turbidity periods, the City must rely on other water sources. The study identified upgrading the Water Treatment plant as the key step to improving the water supply reliability. The Study recommended a raw water quality analysis and pilot testing program to inform design of a new water treatment plant. In addition, the study also recommended an evaluation of storage water contracts to augment supply during periods

of priority administration. Finally, due to the potential implications of the Platte River Recovery Implementation Program, the Study recommended evaluating sources of supply which would not be considered hydrologically connected to the North Platte River. Some projects (or portions of projects) within this section are potentially WWDC eligible.

- **Storage Considerations-** The two-million-gallon Cemetery Tank sits lower than all pressure zones within the city and requires a bypass pump to move water out of the tank. Consequently, the main recommendation related to storage is to install a new tank to better service the pressure zones and future demands of the system. In addition to the new tank the Study recommended retrofitting the existing Cemetery tank to service some of the large-scale landscape watering needs. Finally, the Study recommended relining of the Orpha Tank. Depending on future growth and demands, storage tank upgrades are potentially WWDC eligible.
- **Water Line Projects-** The Report recommended installing loops in some areas and replacing suspected leaky pipes. In addition, the report recommended replacing all of the non-PVC piping in the service area and implementing a 20-year schedule for maintenance and part replacements. The water-line projects are not WWDC eligible.
- **Non-Capitol Projects/Generalized Recommendations-** The report recommended working with the State Engineer's Office on some existing water rights, establishing more baseline data for groundwater supplies, and conducting an evapotranspiration study to better understand proper application of water on green spaces. These projects are not WWDC eligible.

PUBLIC REPORT PRESENTATION

HEARING: N

Date

Location

City/Town

8-20-25

Douglas City Hall, 101 N 4th Street

Douglas

WWDO RECOMMENDATION:

The WWDO recommends acceptance of the final report submittals and closing the consultant services contract.

WWDC PROPOSED MOTION:

I move acceptance of the Douglas Water Master Plan, Level I Study project report as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor.



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: Green River/Little Snake River Basins Conveyance Loss
LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Green and Little Snake River Basins
PROGRAM: New Development
PROJECT MGR: Chace Tavelli
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	186	2023	I	\$500,000	2026

CURRENT CONTRACT:

Consultant

Stantec Consulting Services Inc.

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
029CM0090957	1-3-24	\$499,995.35	\$403,908.81	\$96,086.54	12-31-26

PROJECT DESCRIPTION:

The Green River/Little Snake River Basins Conveyance Loss Level I Study set out to improve the understanding of irrigation conveyance losses within the Green River and Little Snake River Basins in Wyoming through targeted field data collection and regional analysis. This was to be accomplished by identifying representative ditches, measuring losses, and developing a regional tool designed to help estimate conveyance losses throughout both river basins.

Site Selection\Flume Installation Process

- Identify 20 representative reaches distributed throughout both of the basins that demonstrated a spectrum of sizes and conveyance characteristics such as underlying soils.
- Install 20 measuring flumes to be paired with an existing upstream measuring device.
- Targeted canals with a median flow rate of 1.6cfs to 2.2cfs. (Scoping meeting input suggested consideration of much larger canals which the Consultants attempted to accommodate and began looking for ditches between 2 and 20cfs.)
- Coordinated extensively with cooperating land owners including access agreements.

Project Challenges

- Landowner participation was extremely limited.
- Lack of existing measurement devices on ditches (for pairing).
- Difficulty in accurately understanding ditch flow rates and operational schedules.
- Presence of intermediate turnouts that were not anticipated to be exercised.

- Anomalous observations such as 3 reaches being “gaining reaches” or minimal loss reaches.

The intent of the study was to analyze 20 reaches. Due to limited landowner participation and a lack of existing measurement devices, the number of reaches was limited to 12. After data collection, anomalous observations further limited the number of reaches with reliable data. This ultimately led to a very limited sample size resulting in a lack of statistical significance for larger basin characterization. Because of this the Office instructed the Consultant to cease further efforts and to prepare a technical memorandum summarizing the work, the project challenges, and ultimately the lack of statistical significance in the data. This technical memorandum has since been completed by the consultant.

WWDO RECOMMENDATION:

The Office has received the final technical memorandum and recommends that the study be considered complete, not advanced further, and closing the consultant services contract.

WWDC PROPOSED MOTION:

I move acceptance of the Green River/Little Snake River Basins Conveyance Loss project technical memorandum as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Terminating further consideration of the proposed project.



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: Pioneer Canal Lake Hattie Irrigation District Master Plan
LEVEL: I
SPONSOR: Pioneer Canal Lake Hattie Irrigation District
LOCATION: Laramie, Wyoming
PROGRAM: New Development
PROJECT MGR: Cheyenne Love
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	56	2025	I	\$236,000	2028

CURRENT CONTRACT:

Consultant

Western Water Consultants, Inc. d/b/a WWC Engineering

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
029CM0091383	3-31-25	\$235,260	\$229,844.38	\$ 5,415.62	6-30-27

PROJECT DESCRIPTION:

The Pioneer Canal Lake Hattie Irrigation District (PCLHID) is located in Albany County within the North Platte River Basin. PCLHID primarily diverts water from the Big Laramie River to both supply irrigation water to approximately 19,895 acres and fill Lake Hattie. Lake Hattie is also supplemented, when needed, with water diverted from the Little Laramie River.

The PCLHID Master Plan Level I Study was requested by the District to address aging infrastructure and operational challenges. This included infrastructure assessment and inventory, water rights review, Supervisory Control and Data Acquisition Analysis (SCADA) analysis, seepage analysis, rehabilitation management plan development, conceptual level designs, cost estimates, and an economic analysis.

PROJECT FINDINGS/RECOMMENDATIONS:

The objective of the PCLHID Master Plan Level I Study was to provide the District with a thorough system assessment and evaluation to address system improvements. Specific project recommendations include;

- Advance the Big Laramie River Dam and Diversion Automation and Conveyance Improvement Project.
- Advance the Little Laramie River Dam and Supply Canal No. 2 Improvement Project.
- Replace or rehabilitate structures identified as Failing or Poor in the Critical Aging Irrigation Infrastructure (CAII) Rehabilitation Priority Index.
- Implement a phased SCADA and automation program.
- Continue monitoring and evaluating seepage losses.
- Develop an annual rehabilitation and maintenance program.

- Maintain and update the GIS asset management database.
- Pursue external funding opportunities aggressively.
- Continue coordination with local, state, and federal partners.
- Update this Master Plan periodically.

The following two (2) projects were identified and prioritized as part of the PCLHID Master Plan Level I Study;

- 1) Big Laramie River Dam and Diversion Automation and Conveyance Improvement Project
The Big Laramie River Dam and Diversion Automation and Conveyance Project is comprised of the following six (6) components;
 - a. Big Laramie Dam Improvements – Installation of a fishway rock ramp along the crest of the dam to provide fish and floater passage.
 - b. Big Laramie Diversion Improvements – Addition of two (2) gates to regulate flows remotely.
 - c. Big Laramie Diversion Liner Replacement – Replacement of the concrete apron downstream of the diversion.
 - d. Ditch Bank Riprap Revetment – Addition of riprap bank revetments to stabilize Supply Canal from further instability and erosion.
 - e. Parker Check Replacement – Replacement of the existing Parker Check with a more formal check structure.
 - f. Sodergreen Lake Improvements – Addition of SCADA monitoring for lake levels.

Total WWDC eligible project costs associated with this project are estimated at \$2.8M.

- 2) Little Laramie River Dam and Supply Canal No. 2 Improvement Project
The Little Laramie River Dam and Supply Canal No. 2 Improvement Project is comprised of the following two (2) components;
 - a. Little Laramie Dam Improvements – Installation of a fishway rock ramp along the crest of the dam to provide fish and floater passage and minor repairs to dam crest.
 - b. Little Laramie Diversion Improvements – Addition of four (4) gates to regulate flows remotely.

Total WWDC eligible project costs associated with this project are estimated at \$1.4M.

PUBLIC REPORT PRESENTATION

HEARING: N

Date
7-7-26

Location
381 Pahlow Lane

City/Town
Laramie

WWDO RECOMMENDATION:

The WWDO recommends acceptance of the final report submittals and closing of the consultant services contract.

WWDC PROPOSED MOTION:

I move acceptance of the Pioneer Canal Lake Hattie Irrigation District Master Plan, Level I Study project report as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor.



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: **Salt River Watershed Study**
LEVEL: I
SPONSOR: Star Valley Conservation District
PROGRAM: New Development
PROJECT MGR: Mabel Jones
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	98	2024	I	\$344,000	2027

CURRENT CONTRACT:

Consultant

Y2 Consultants, LLC

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
029CM0091017	4-3-24	\$343,866.80	\$333,799.00	\$10,067.80	6-30-26

PROJECT DESCRIPTION:

The Star Valley Conservation District requested a watershed study to evaluate current watershed condition and function. The Salt River Watershed project area is located in western Wyoming and lies entirely within Lincoln County, encompassing a diverse landscape that stretches from the valley floor of Star Valley to the high elevation peaks of the Salt River Range.

The watershed contains roughly 220 miles of streams, anchored by the 80-mile mainstem of the Salt River, which flows northward through Star Valley before joining the Snake River at Palisades Reservoir. This mainstem is fed by an extensive network of tributaries originating in both Wyoming's Salt River Range and Idaho's Caribou Range. Major tributaries include Jackknife Creek, Tincup Creek, Strawberry Creek, Willow Creek, Stump Creek, Swift Creek, Dry Creek, Cottonwood Creek, Spring Creek, and Crow Creek, along with numerous spring-fed channels that emerge from the valley bottom.

PROJECT FINDINGS/RECOMMENDATIONS:

Project Recommendations

The study recommends advancing high-priority watershed improvement projects across the Salt River Watershed. These projects address resource concerns identified during the Level I assessment and were selected for their technical feasibility, ecological value, and alignment with potential funding programs. Together, they represent over \$11.3 million in proposed investment and are eligible for multi-agency support. Project groups and examples include the following:

Irrigation Projects: These projects focus on replacing aging, undersized, or failing diversion structures. Benefits include improved water delivery, reduced maintenance needs, protection of adjacent streambanks and habitat. Specific projects include diversion replacement projects to modernize intake structures and improve sediment and debris management; headgate replacement projects to provide more precise flow control at diversion points; and a project consisting of a series of culvert replacements to restore conveyance capacity, reduce erosion, and ensure reliable roadway and ditch crossings.

Pipeline Projects: Projects include replacing aging or undersized pipelines to improve conveyance efficiency, reduce leaks and energy losses, and lower ongoing maintenance requirements. Ditch-to-pipeline conversions are also recommended to replace open conveyances with a buried pipeline to eliminate seepage and evaporation losses, reduce sediment transport, and free up former ditch corridors for restoration or productive use. Together, these projects aim to enhance water delivery reliability, conserve resources, improve water quality, and reduce lifecycle costs for the water system.

Environmental Projects: Environmental projects focus on channel and streambank restoration to reduce incision and erosion, reconnect floodplains, and rehabilitate riparian habitat through bank stabilization measures, revegetation, and habitat-enhancement features to improve water quality, reduce sediment delivery, and support fish and wildlife.

Fire Suppression Projects: Water storage and delivery projects for fire-suppression projects were identified for development and further evaluation. Two projects involve retrofitting existing water delivery systems to provide reliable, code-compliant water supplies for local fire response—upgrades include pump and control replacements, improved suction fittings, strainers, frost protection, secured enclosures, and standardized fire-department connection points to ensure required flow and pressure. An additional project includes adding new delivery systems at an existing pond, including development of the spring/pond intake or installation of a screened suction, a hardened pump pad and access, piping and turnout connections, and appropriate inlet/outlet protection and screening to prevent clogging and protect water quality. Collectively, these efforts will enhance community fire protection, improve emergency response capability, reduce wildfire and structure-loss risk, and provide durable, low-maintenance water infrastructure for first responders.

Livestock Watering and Upland Water Supply Projects: Recommendations included projects to provide reliable water sources to help distribute livestock use more evenly across landscapes and reduce pressure on riparian corridors. Projects include solar arrays paired with pumps, pipe and troughs. Spring development projects were also identified which include stabilization of degraded spring sources, piping, troughs and exclusion fencing.

Recreational Projects: Several projects were identified to improve habitat conditions at public recreation areas. These projects include a subset of components eligible for Small Water Project Program funds. Other components would not be eligible and would need to be picked up by project sponsors. Benefits of the projects would be to enhance recreational safety, reduce resource damage, and improve site functionality across public access areas.

Additional Partnership and Operational Recommendations

Additional recommendations for the Conservation District were identified and are summarized as follows:

- Prioritize Small Water Project Program Implementation through partnerships, outreach on program opportunities, and communication of benefits to landowners.
- Utilize partnerships to create projects with multiple benefits and diverse funding sources.
- Utilize and maintain analytical tools including the project GIS developed for the watershed study.

- Promote community involvement in stream restoration.
- Maintain communication and outreach.
- Develop a centralized database of ponds within the watershed.

PUBLIC REPORT PRESENTATION HEARING: N

<u>Date</u>	<u>Location</u>	<u>City/Town</u>
2-2-26	Civic Center, 150 Washington Street	Afton

WWDO RECOMMENDATION:

The Salt River Watershed Study provides an analysis of watershed conditions, and through the projects identified in the Management and Rehabilitation Plan, demonstrates how these types of projects provide public benefit. Based on this study, the Office recommends supporting the funding of Small Water Program projects and conventional projects within this watershed on a case-by-case basis.

WWDC PROPOSED MOTION:

I move acceptance of the Salt River Watershed, Level I Study project report as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor.



**FINAL PROJECT CLOSEOUT MEMO
FOR LEVEL I AND II PLANNING PROJECTS
WYOMING WATER DEVELOPMENT OFFICE
PLANNING DIVISION**



The Planning Project listed below is complete and scheduled for closeout. This memo serves to summarize the findings of the final report and to document the final contract amount.

PROJECT: Shoshone Municipal Pipeline Regional Water Master Plan
LEVEL: I
SPONSOR: Shoshone Municipal Pipeline
LOCATION: Cody, Wyoming
PROGRAM: New Development
PROJECT MGR: Lonnie Olson
WWDC MTG DATE: September 24, 2026

AUTHORIZING LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	98	2024	I	\$216,000	2027

CURRENT CONTRACT:

Consultant

DOWL, LLC

<u>Contract Number</u>	<u>Executed</u>	<u>Original Contract Amount</u>	<u>Final Contract Amount</u>	<u>Contract Savings Amount</u>	<u>Expiration Date</u>
029CM0091018	3-27-24	\$215,420	\$214,896.06	\$ 523.94	6-30-26

PROJECT DESCRIPTION:

The Shoshone Municipal Pipeline (SMP) serves communities and users in Park and Big Horn counties. Seven entities are served by SMP which include Cody, Powell, Byron, Lovell, Deaver, Frannie, and the Northwest Rural Water District. The system's water source is the Buffalo Bill Reservoir in the Shoshone River Basin. The SMP has not had any master planning since the system was built and started delivering water in 1991.

The Level I regional water master plan conducted a detailed analysis of the entire water system, including proposed improvements to the supply and transmission systems. The study also updated the SMP geographic information system, identified improvement projects, and evaluated funding sources for said improvement projects.

PROJECT FINDINGS/RECOMMENDATIONS:

The study found that the water system is operated, maintained, and finically managed very well. The recommendations within the report can broadly fit within the following three categories:

- **SMP Intake and Raw Water Facilities.** The raw water facilities are adequate to supply the current treatment capacity of 16.5 MGD by gravity when fed through the penstock off the dam. The Emergency Pump Station is used to supply water when the penstock is offline for scheduled maintenance or in case of an emergency. In its current configuration the Emergency Pump Station is able to supply average daily demands until 2051 based on projections, but needs to address required redundancy for extended

periods of reliable use. The project for the Emergency Pump Station addresses the required redundancy concerns by replacing the existing pumps with higher flow units or expanding to triplex operation to supply 8MGD, this is expected to take place in 2028. As the system develops and more demand exists the Booster Pump Station will need to be upgraded to install the fourth pump to maintain the required redundancy for running three pumps simultaneously. The Booster Pump Station initially will be needed during high demand times or when the Emergency Pump Station is operational, the equipment is projected to be used minimally at first but will be needed more regularly when the Water Treatment Plant is fully built out. [Approximately \$3,665,000]

- Water Treatment Plant 22 MGD Expansion (non-WWDC eligible). Major plant improvements are expected to take place in the mid-2050's based on current water use and will result in the expansion of the full build out of the plant. Other recommendations for the plant include performing an optimization study for settle water turbidity performance, aeration improvements, adjustments to the flash mix basin, and the replacement of the filter media will need to be done within the planning period of the planning study. [Approximately \$19,980,000]
- Potable Water Supply System. The major recommendation for this category is the phased reconstruction of the connection buildings to Cody, Powell, Lovell, Deaver, and Frannie and six pressure control stations to extend the useful life of the valves and equipment to match the expected useful life of the pipeline. [Approximately \$3,085,500]

PUBLIC REPORT PRESENTATION

HEARING: N

Date

Location

City/Town

7-14-25

Shoshone Municipal Pipeline, 50 Agua Ave

Cody

WWDO RECOMMENDATION:

The WWDO recommends acceptance of the final report submittals and closing the consultant services contract.

WWDC PROPOSED MOTION:

I move acceptance of the Shoshone Municipal Pipeline Regional Water Master Plan, Level I Study project report as being complete and further, the WWDC makes the following findings relative to this project:

1. That the Commission recommend:
 - Proceeding to the next Level of project development upon the submittal of an appropriate funding application by the sponsor.

Future Meeting Schedule

2026 WWDC/SWC MEETING SCHEDULE

<u>Date</u>	<u>Day</u>	<u>Program</u>
<u>NOVEMBER</u>		
November 4, 2026	Wednesday	WWDC/SWC Workshop (Casper)
November 5-6, 2026	Thurs-Fri	WWDC/SWC Joint Meeting (Preliminary Funding Recs prior to WyoLeg) (Casper)

DECEMBER

December 15-16, 2026	Tues-Wed	WWDC Workshop/Meeting – Review draft bills (Cheyenne)
December 17, 2026	Thursday	SWC – Review draft bills (Cheyenne)