2022 LEGISLATIVE REPORT

Wheatland Irrigation District Tunnel Dam Rehabilitation

WYOMING WATER DEVELOPMENT COMMISSION

2022 LEGISLATIVE REPORT
WYOMING WATER DEVELOPMENT PROGRAM

Wyoming Water Development Commission (029)
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December 2022

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WYOMING WATER DEVELOPMENT PROGRAM

CHAPTER 1 - WYOMING WATER DEVELOPMENT PROGRAM

I. Introduction

A. Vision

We envision a Wyoming where people can develop the skills needed to seize the opportunities to live their individual dreams; a Wyoming where people enjoy an environment free from contaminants and secure from harm; a Wyoming where people can attain a quality standard of living; and a Wyoming where people can enjoy the benefits of our bountiful resources and natural beauty.

B. Philosophy

The Wyoming Water Development Program was founded on the sound philosophy of utilizing a portion of the income the state receives from the development and use of its non-renewable resources, such as coal, oil and gas, to develop and manage a renewable resource, water. One way in which water resource management is achieved is by evaluating development and rehabilitation strategies, and selecting the best alternatives for constructing new or rehabilitating existing infrastructure. In this manner, the Wyoming Water Development Program will ensure the delivery of water to Wyoming citizens in an economical and environmentally responsible manner. Sound water planning and use will preserve Wyoming's water entitlements and will promote the effective and efficient use of the state's water resources.

C. Contribution to Wyoming Quality of Life

This agency contributes to the quality of life by addressing the water resources needs of our citizens through the construction of new water supply projects and the rehabilitation of existing water supply projects. As a result, Wyoming's water resources are managed, developed, and maintained for the enjoyment and beneficial use of current and future generations of Wyoming. The Wyoming Water Development Program benefits the entire population, as well as all visitors to the state, by providing and maintaining adequate water supplies and planning for future needs.

II. Duties and Responsibilities

Each year precipitation events and runoff generate an average of 15 million acre-feet of surface water within the State of Wyoming. An additional 2 million acre-feet of stream flow originates from other states. Wyoming is entitled, under the various interstate river compacts and court decrees, to use or consume approximately 6 million acre-feet per year. Presently, the state uses 3 million acre-feet of surface water per year. Therefore, approximately 3 million acre-feet of surface water remains available for Wyoming's future use. Of this available water, approximately 2.5 million acre-feet is in the Wind/Big Horn River Basin.

Water availability is a key ingredient for development of a stable Wyoming economy. Implementation of water management opportunities provides short-term economic benefits to the state in the form of jobs, increased material and equipment sales, improved recreational and hunting and fishing opportunities, and other indirect benefits to local and state economies.

A. Water Resource Development

In 1977, the revenue sources that fund the New Development Program were established. In 1982, the Governor proposed and the legislature implemented the framework for the present Water Development Program. In 1983, the revenue streams that fund the Rehabilitation Program were established. Since 1983 the program's water resource management activities have evolved to the following:

1. New Development Program

The New Development Program provides planning services and construction funds for the infrastructure necessary to supply unused and/or unappropriated water to meet the present and future needs of Wyoming and its citizens. Water supply and storage facilities such as small dams,

diversion structures, groundwater wells and transmission pipelines are eligible for assistance under the New Development Program. The New Development Program is dedicated to the efficient and timely management of water resources, consistent with state policy, Wyoming water laws, and the desires of the citizens of the state. The criteria for scheduling new development projects is based on the general philosophy that effective beneficial use of Wyoming's water will ensure its preservation for use by Wyoming residents.

A project sponsor may be a municipality, irrigation district, or other approved assessment district who is a major beneficiary of the project. Sponsors request project specific technical and financial assistance from the Wyoming Water Development Commission (WWDC) through the application process. If the Commission approves the application, the project is assigned a study level. If the project is determined to be technically and economically feasible and comports with program funding criteria, the Commission may recommend construction funding be appropriated by the legislature. The project sponsor must be willing and capable of financially supporting a percentage of the project development costs plus all operation and maintenance costs. The actual loan/grant mix is based on WWDC funding criteria.

2. Rehabilitation Program

The Rehabilitation Program provides funding assistance for the improvement of water projects completed and in use for at least fifteen (15) years. Improvements to ensure dam safety, rehabilitate existing facilities, decrease operation and maintenance costs, promote water conservation, or provide a more efficient means of using existing water supplies may be funded by the Rehabilitation Program. The program ensures that existing water supplies and supply systems remain effective and viable.

Rehabilitation projects are initiated by an application from a project sponsor. If the application is deemed feasible and approved, the project is assigned a study level and may proceed through construction. The project sponsor must be willing and capable of financially supporting all operation and maintenance costs as well as a percentage of the project rehabilitation costs. The actual loan/grant mix is based on WWDC funding criteria.

3. Dam and Reservoir Program

In 2005, the legislature authorized funding for a new program within the Wyoming Water Development Office. The purpose of the program is to concentrate on the identification, evaluation, permitting, and construction of new dams with a storage capacity of 2,000 acre-feet or more and proposed expansions of existing dams of 1,000 acre-feet or more.

The Dam and Reservoir Division within the Wyoming Water Development Office administers this program. The division also serves to assist the Director in the management of the state's water investments.

B. Water Resource Management and Planning

1. Water Investment Management

The Wyoming Water Development Office (WWDO), through the Commission, manages the state's water investments. Water Investment Management accounts were established by W.S. 99-99-1001 to ensure the state's operation, maintenance, replacement, mitigation, and contract obligations are met in an effective and timely manner for each designated facility. The WWDO markets the water made available by these investments to industries, municipalities, and irrigators. Any revenues received from these investments are deposited into the respective account. A detailed transaction activity of each account is available upon request to the WWDO. A summary of the state's water investments follows:

Account	Wyoming's Storage (Acre-Feet)	June 30, 2022 Account Balance
Fontenelle Reservoir	120,000	4,258,094
Buffalo Bill Dam	187,940	22,077,729
Palisades Reservoir	33,000	734,329
Miscellaneous Water Investment	5,000	40,603
High Savery Reservoir	22,433	1,235,676
Pathfinder Modification	53,493	10,510,021
Glendo Reservoir	10,600	949,760
Keyhole Reservoir	0	0.00
Lake DeSmet Reservoir/ Healy Reservoir	62,199 / 5,140	1,941,193
Middle Piney Reservoir	4,201	531,355

As these accounts fund the corresponding dams and reservoirs, a sizeable balance is needed to manage contingencies when required. All of the dams and reservoirs for which the state has an obligation are high-hazard facilities, and aging dams and reservoirs may have increased obligations. Thus, it is critical to have the financial resources necessary to adequately maintain these reservoirs to ensure the continued benefits of these dams and reservoirs. Per statute, the Buffalo Bill Dam account may be used to meet the obligations for any of the other accounts.

On August 17, 2022, the WWDC reviewed the financial status and projections for each of the nine reservoir accounts to determine if any excess funds exist within the accounts as required by W.S. 99-99-1001(c). The WWDC concluded that there are no excess funds at this time and no further action is recommended.

The following is a brief description of each account:

Fontenelle Reservoir Account

- Legislative Authorization: Session Law (SL) 1989, Chapter (CH) 268
- Original Appropriation: $355,000
- Source of Funds: Water Development Account (WDA) II
- Typical Expenses: One loan repayment to the Bureau of Reclamation (BOR) and annual BOR operation and maintenance (O&M) charges.
- Typical Revenue: Wyoming has entered into four water service agreements with industrial users in the basin. The contracts have a readiness to serve charge, a proportionate share of O&M charges, and a water use charge. The industrial users have yet to use any order; thus, they have only been paying the readiness to serve and proportionate share of O&M charges.

Buffalo Bill Dam Account

- Legislative Authorization: SL 1989, CH 268
- Original Appropriation: $0
- Typical Expenses: Provide supplemental funding to other water investment accounts. To date, the BOR has not assessed any O&M charges because Wyoming has not entered into any water service agreements.
- Typical Revenue: Wyoming funded the upgrade to the hydropower plant and the Western Area Power Administration (WAPA) is making annual payments of $2,496,924 to WY as part of the funding agreement. The repayment of the WAPA obligation will be complete in 2030.

Palisades Reservoir Account

- Legislative Authorization: SL 1991, CH 18
- Original Appropriation: $65,000
- Source of Funds: Wyoming Game and Fish Department
- Typical Expenses: Annual BOR O&M charges
- Typical Revenue: Water sales to Idaho groundwater users

Miscellaneous Water Investment Account

- Legislative Authorization: SL 1993, CH 89
- Original Appropriation: $0
- Typical Expenses: In 2031, the State of Wyoming will be responsible for OM&R costs at Park Reservoir Dam per W.S. 99-99-504 (b) for 1,208 AF of stored water to maintain a minimum pool for fisheries (588 AF) and to augment stream flows (620 AF). At this time, the cost of this new OM&R charge is unknown.
- Typical Revenue: Investment Income and water sales derived from WWDC funded projects in which the sales are not directly designated to a WDA.

High Savery Reservoir Account

- Legislative Authorization: SL 2005, CH 48
- Original Appropriation: $0 – Once the High Savery Dam construction was completed, the remaining project funds ($723,640.77) from WDA I were transferred to the account.
- Typical Expenses: O&M charges and necessary replacement costs
- Typical Revenue: Water sales to downstream water users and land sublease payments

Pathfinder Modification Account

- Legislative Authorization: SL 2010, CH 68
- Original Appropriation: $2,250,000
- Source of Funds: WDA II
- Typical Expenses: Annual BOR O&M charges
- Typical Revenue: Water sales to municipalities and the PRRIP

Glendo Reservoir Account

- Legislative Authorization: SL 2011, CH 35
- Original Appropriation: $800,000
- Source of Funds: WDA I
- Typical Expenses: Annual BOR O&M charges and water purchases
- Typical Revenue: Investment income

Keyhole Reservoir Account

This account was never setup as Wyoming does not lease or own any space in the reservoir.

Lake DeSmet Reservoir Account

- Legislative Authorization: SL 2018, CH 115
- Original Appropriation: $2,000,000
- Source of Funds: WDA I
- Typical Expenses: O&M charges for Healy Reservoir and O&M charges for Lake DeSmet to Johnson County
- Typical Revenue: Water sales and investment income.

Middle Piney Reservoir Account

- Legislative Authorization: SL 2019, CH 55

- Original Appropriation: $500,000
- Source of Funds: WDA III
- Typical Expenses: O&M charges once construction is complete
- Typical Revenue: Investment income and water sales once construction is complete

Per Session Law 2006, Chapter 99, Section 6, the Platte River Basin Endangered Species account was created to fund the state of Wyoming's participation in the Platte River Recovery Implementation Program (PRRIP). An initial appropriation of six million dollars ($6,000,000) from Water Development Account I funded Wyoming's share of 3.21%. The state of Colorado's share is 12.82% and the Bureau of Reclamation's share is 83.97%. In Session Law 2018, Chapter 94, Section 7, an additional three million one hundred thousand dollars ($3,100,000) was appropriated to the account to fund the state of Wyoming's participation in a thirteen (13) year extension of the first increment of the PRRIP. A summary of Wyoming's investment for the PRRIP follows:

Account	June 30, 2022 Account Balance
Platte River Basin Endangered Species	7,098,242

In addition, the WWDC collects payments against outstanding project loans and monitors potential water sales from completed projects in which the state retained limited partnerships.

2. Instream Flow

The Water Development Commission has two roles relative to the instream flow law: one is assigned by statute; the other comes with serving as the water planning and development agency for the state.

a. W.S. 41-3-1004 assigns the Commission the responsibility to prepare feasibility reports for all instream flow permit applications. The reports are hydrological analyses of water availability in the reach of the stream to which the applications apply. The analyses also quantify existing water rights above and within these stream segments. If an application for an instream flow water right is approved by the State Engineer, the Commission becomes the permit holder of the subsequent water right.

b. As the water planning and development agency, the Commission will also review the instream flow requests to ensure that they do not conflict with future potential water development opportunities.

A total of 149 instream flow filings exist within the State of Wyoming. Each of these filings represents a separate instream flow segment. Out of these, 25 are in the preliminary application stage, 55 are currently permitted by the State Engineer's Office (SEO), 63 have been fully adjudicated, 5 represent an adjudicated SEO Board of Control petition, and 1 has been withdrawn. As of this date, the Water Development Office has completed a total of 53 hydrologic feasibility reports which have been submitted to the SEO. Currently, there is 1 active instream flow study (Rock Creek & Trail Ridge Creek Instream Flows 2020). There have been no new instream flow applications.

3. Water Related Research

Pursuant to W.S. 41-2-125, the Commission participates in research projects relative to contemporary water resource issues that are not necessarily project specific but that may influence water resource management in Wyoming. Many research projects gather information that is useful in addressing permitting issues, environmental problems, etc.

The Commission has developed working relationships with the University of Wyoming's Office of Water Programs, State Engineer's Office, and the U.S. Geological Survey to fund and conduct research on such water related issues as algae treatment strategies, measurement of consumptive use on irrigated lands, hydro-climatic analyses, and impacts of the bark beetle on the runoff.

4. Basin Wide Planning

The WWDC develops and updates basin-wide plans to identify water supply issues and water development opportunities. Planning studies have been completed for the Bear River Basin, Green River Basin, Northeastern Wyoming (Little Missouri, Belle Fourche, Cheyenne, and Niobrara River Basins), Powder/Tongue River Basins, Wind/Big Horn River Basin, Snake/Salt River Basins, and the Platte River Basin. In addition, the Wyoming Framework Water Plan was completed, which provides a statewide perspective of water resources.

5. Groundwater Grant Program

The 1981 Session of the Wyoming Legislature enacted W.S. 41-2-119 which authorized the Groundwater Grant Program. These funds are utilized for feasibility studies and exploration programs to evaluate the potential use of underground water. Municipalities, water and sewer districts, and service and improvement district areas are eligible to receive up to $400,000 in state funds as a grant but are required to provide 25% of total project costs in local matching funds. To date, $9,800,000 has been appropriated from Water Development Account I to the Program. Applications for Ground Water Grant funds are accepted anytime throughout the calendar year for consideration by the Commission.

6. Small Water Project Program

During the 2003 session, the legislature removed the pilot status of the program and authorized funding for the construction and rehabilitation of "small water projects" throughout the state. Water Development Program funding is limited to fifty percent (50%) of the actual project costs or a maximum grant of thirty-five thousand dollars ($35,000) per project, whichever is less. The WWDC was given the responsibility for developing program criteria and the authority to fund these small water projects. To date, $9,913,000 have been appropriated for the new development small water project program and $5,051,795 have been appropriated for the rehabilitation small water project program. New applications are due each November 15th and are reviewed by the Commission during its March meeting.

III. Program Funding

A. Water Development Account I

The New Development Program is funded by Water Development Account I [W.S. 41-2-124(a)(i)] which has received direct appropriations from the general fund, receives revenues from the severance tax distribution account, and receives the accrued interest on the account's unspent balance. Legislative approval must be granted prior to allocating water development account funds to a particular project. Income from severance taxes, interest, and payments for outstanding loans ranges from $20,000,000 to $30,000,000 per year. The WWDC is committed to phase or delay projects to ensure its recommendations do not exceed available revenue in the account.

Water Development Account I also funds the following:

1. Agency budget-The agency budget for the Wyoming Water Development Office (WWDO) is $8,340,653 for the 2023-2024 biennium.

2. Starting in FY 2018, Water Development Account I funds are being used to fund Board of Control operations within the State Engineer's Office agency budget. This new funding obligation equates to $14,790,595 for the 2023-2024 biennium.

3. Water Resource Data System-The WWDO funds the UW Water Resource Data System within the agency budget at a cost of approximately $636,190 per biennium.

4. Water Related Research-The Wyoming Water Development Program invests approximately $310,277 per year on non-project specific water related research.

5. UW Office of Water Programs-The WWDC provides $175,000 per biennium to assist in the financing of the UW Office of Water Programs.

6. Basin Wide Planning-The Wyoming Water Development Program has expended over $7,000,000 on basin wide planning. All of the planning studies for the seven major drainage basins have been completed. When warranted, the WWDO continues to update and expand these plans. Current funding is being used to develop statewide water infrastructure information for future Level I and II projects.

7. Groundwater Grant Program-The legislature, at the request of the WWDC, has appropriated $9,800,000 for the program, which serves to finance groundwater exploration studies for cities, towns, improvement and service districts, and water and sewer districts.

8. Small Water Projects Program-The legislature has invested $9,913,000 in the new development component of the program.

9. DWSRF-W.S. 16-1-302 authorizes the use of the federal mineral royalty capital construction account, the corrective action account and water development account I or II funds to meet federal matching grant requirements. The federal capitalization grant and the state's matching share are used to finance a "drinking water state revolving loan fund" (DWSRF) program. The DWSRF program may be used to fund improvements to water treatment systems and address other Safe Drinking Water Act compliance issues. This program is not included in the annual omnibus water bill or agency budget. Water Development program funds (approximately $2,608,520 per biennium) have been appropriated by statute to match 10% of the federal capitalization grant, however, recent changes to the statute would allow the federal match to be entirely funded from the federal mineral royalty capital construction account and the corrective action account.

10. Other-The Wyoming Legislature has periodically appropriated funds from the water development accounts to fund the operation of state government, special projects, and litigation. Examples include $656,008 per biennium to the Wyoming Department of Agriculture for TMDL programs, and $102,953 per biennium to the State Engineer's Office for the endangered fish recovery program in the Colorado River Basin.

B. Water Development Account II

The Rehabilitation Program is funded by Water Development Account II [W.S. 41-2-124(a)(ii)] which receives revenues from the severance tax distribution account and the interest accrued on the account's unspent balance. Legislative approval must be granted prior to allocating water development account funds to a particular project. Income from the severance taxes, interest, and payments for outstanding loans ranges from $5,000,000 to $8,000,000 per year. The WWDC is committed to phase or delay projects to ensure its recommendations do not result in overruns of the account.

Water Development Account II also funds the following:

1. Small Water Projects Program-The legislature has invested $5,051,795 in the rehabilitation component of the program.

2. Other-As of June 2022, over $15,725,000 has been expended from Water Development Account II for non-project purposes.

C. Water Development Account III

The 2005 Legislature created Water Development Account III, appropriated $10,000,000 from the Budget Reserve Account, and transferred $54,070,000 from Water Development Account I to Water Development Account III. In addition, the account receives revenues from the severance tax distribution account and the interest accrued on the account's unspent balance. Legislative approval must be granted prior to allocating water development account funds to a particular project. Income from severance taxes and interest ranges from approximately $2,000,000 to $5,000,000 per year. In FY 2016, the Governor recommended and the Legislature approved a $10,000,000 diversion from this account to supplement the General Fund.

IV. Program Operations

The State Engineer's Office of Water Planning Program originally staffed the Interdepartmental Water Conference, which was the predecessor to the Wyoming Water Development Commission and Office. In 1979, the Wyoming Water Development Commission (WWDC) was formed and an independent staff was developed. The Commission was created to streamline the administration of the program and make it more effective.

The statutory authority for the Wyoming Water Development Program is vested with the ten-member Wyoming Water Development Commission, which meets five to seven times per year. The program is administered through the Wyoming Water Development Office (WWDO), which includes a director and 24 staff members. Over the past five years, the commission and staff have overseen and administered expenditures averaging over $43 million dollars per year.

The Wyoming Legislature has periodically increased the responsibilities of the WWDC and WWDO. In 1986, the administration of the construction of water development projects was transferred from the Department of Economic Planning and Development (DEPAD) to the WWDC. Also in 1986, the legislature assigned the WWDC responsibilities with respect to the instream flow law. In 1991, the management of the state's water investments was transferred from the Economic Development and Stabilization Board to the WWDC. In 1992, the WWDO was legislatively created with the director appointed by the Governor.

The Wyoming Water Development Office encompasses four Divisions: Planning, Dam and Reservoir, Construction, and Administration. Each division has an administrator who reports to the Director of the Agency. The Director is responsible for the operation of the entire program, serves as the contact with the WWDC, Governor, and Legislature, and performs special assignments for the Governor.

Individual project administration is the priority of the WWDO. It is interesting to note that the number of projects within the program determines the staff workload, as opposed to the level of the appropriations. For example, administering a small project may be more time consuming than working on a larger project. The WWDC will continue to use up-to-date technology to reduce administrative costs and to produce state-of-the-art plans and projects.

The WWDC contracts with private sector consultants for the preparation of river basin plans and project technical studies, such as Level I Reconnaissance Studies and Level II Feasibility Studies. Further, the WWDC contracts with the project sponsors who serve as the lead entity during the Level III Construction process. The project sponsors use private sector consultants for preparation of project plans and specifications. They are also required to solicit bids or proposals from private contractors for project construction.

While the statutes pertaining to the Wyoming Water Development Program provide guidance and the framework for the program, they were intentionally meant to be very broad. The Wyoming Water Development Commission is responsible for developing the priorities, guidelines, and criteria for the program. The "Operating Criteria of the Wyoming Water Development Program" was developed by the WWDC in consultation with the Legislative Select Water Committee. The criteria are reviewed on an annual basis to ensure it directs the program in an efficient and effective manner, and continues to address the needs of Wyoming in a manner consistent with available program resources.

V. Program Evolution

The following is a breakdown of total program expenditures from 1980 to June 2022 by Water Development Account (WDA) I, II, and III:

	Percentage (%) of Total Expenditures		
Sector	WDA I	WDA II	WDA III*
Multi-purpose	10.6	4.3	32.2
Agriculture	9.1	52.9	35.1
Municipal	49.7	35.8	32.7
Special Districts	6.5	1.8	-
Legal	3.0	3.5	-
Non-Project	21.1	1.7	-

*Excludes the Gillette Madison Pipeline project expenditure of $16,415,000 as the funds were repaid to Account III.

Based on the program's history and projections into the future, the following conclusions can be made relative to the next five years:

A. The agricultural industry is concentrating on preserving irrigated acreage and reinforcing current resources rather than developing new infrastructure. The WWDC will continue to assist districts with replacing and repairing their existing infrastructure in a phased approach, commensurate with each district's master plan and available WWDC and sponsor funding. The agricultural projects that rely on federal storage projects can expect financial impacts caused by mandates relating to dam safety, water conservation, endangered species, and environmental protection. The WWDC will need to assist districts to address these issues.

B. Municipalities are concerned with both the quantity of water to supply for culinary, irrigation, and fire flow purposes, and also the quality of water to meet stringent EPA requirements. Further, as urban populations increase, the amount of water communities must supply for public health and welfare purposes must also increase. Municipalities need enough good quality water to meet their existing demands and the demands of the increasing number of subdivisions presently outside their corporate limits, as well as enough water to ensure future economic growth. The Wyoming Water Development Program has been responsive to the needs of Wyoming communities for the past 35 years, and while major municipal water supply projects have been funded, demands on the program for municipal purposes will continue for the next five years and beyond. The WWDC will continue to look at opportunities to develop and improve upon regional water supply systems to realize associated efficiencies.

C. Special districts that provide domestic water are faced with the same EPA requirements as municipalities. Subdivisions served by shallow wells sometimes experience water quality problems caused by septic and leach field systems. The long-term solution is to improve the municipal water supply systems to support solving the problems of the surrounding subdivisions. In the short term, it is apparent that the Wyoming Water Development Program will receive requests for funding assistance from special districts. However, the Water Development Program may not have sufficient resources to address all of

the problems of the special districts. Therefore, those districts that are connecting to existing water supply systems will likely be looked upon more favorably by the WWDC than those wishing to develop independent supplies.

D. Reservoir water storage has and continues to be an important tool for Wyoming to protect and utilize its precious water resources for the benefit of its citizens. As such, it will continue to be a significant element of the Water Development Program. Numerous projects to construct new storage reservoirs, enlarge existing facilities, and rehabilitate aging dam infrastructure have been completed by the program since its inception. The Buffalo Municipal project (Tie Hack Dam and Reservoir), Sheridan's Twin Lakes Enlargement, the Little Snake River Valley Dam and Reservoir project (High Savery), the Greybull Valley Irrigation District's Roach Gulch project and the Pathfinder Reservoir Modification project are the most recent new storage or enlargement projects.

There are reasons the number of storage projects in the Water Development Program are fewer than other projects. The first and foremost reason is cost. It is very difficult for a project sponsor to afford a storage facility even with the most favorable financing terms available. Second, the federal permitting process is more costly, time consuming, and restrictive than it was in 1982. For example, in 1985, the federal 404 permit for the Sulphur Creek Dam was obtained in nine months, at a cost of approximately $50,000. In 1996, after three and one-half years, the Town of Buffalo received the federal 404 Permit for Tie Hack Dam and Reservoir, a smaller and less complex project than the Sulphur Creek Dam. The actual costs related to permit acquisition were approximately $650,000. New federal requirements for wetlands mitigation, criteria involving purpose and need, and alternative analyses are the major reasons for the increased costs. The costs to secure the federal permits for the High Savery Dam exceeded $2,000,000 and took approximately 15 years to complete.

In response to these problems, the Dam and Reservoir Division was implemented to encourage local community sponsors to partner with the WWDC to construct new and enlarge existing storage facilities. The WWDC and Legislative Select Water Oversight Committee have developed more flexible funding criteria for dam and reservoir projects to make projects more affordable to sponsors. In order for a dam and reservoir project to be successful, communities need to be engaged, and a defensible purpose and need has to exist for the storage. Furthermore, the ancillary benefits of reservoirs need to be explored and implemented to maximize public benefit and allow for an affordable project.

The Dam and Reservoir Division, together with local community sponsors, multidisciplinary consulting teams and various other agencies, are engaged in a number of reservoir storage studies throughout the State. Considering the complexity of reservoir planning and construction, the Division takes a systematic approach in its evaluations. Through a planning process where each succeeding level of study adds and refines information, the Division strives to work with communities to identify unique needs and opportunities; understand watershed hydrology to determine water demand and availability; investigate the sciences at hand to address site feasibility, project benefit/impact and regulatory requirements; and ultimately design and construct reservoir storage. Governor Meads' Water Strategy, specifically Initiative #6, "Ten in Ten" project has placed additional emphasis on building new storage projects to support Wyoming's future needs.

E. In summary, the Wyoming Water Development Program adapted to meet the changing needs of the State of Wyoming and its citizens. However, the program continues to serve its founding principle: The effective and efficient use of water will preserve Wyoming's water for Wyoming's future.

At the same time, projects funded with appropriations from the water development accounts provide direct and indirect economic benefits throughout the state. As of July 1, 2022, there are projects with appropriations in excess of $571M in the Wyoming Water Development Program.

LEGISLATIVE PROGRAM

CHAPTER 2 - LEGISLATIVE PROGRAM

I. Program Development Process

The Wyoming Water Development Commission (WWDC) utilizes the following process to generate funding recommendations for legislative consideration.

A. New Applications - The deadline for Level I and II project applications is the first of March. Upon receipt, new applications and supporting documentation are reviewed, and project sites are visited.

B. Existing Projects - Applications for Level III projects must be submitted on or before the first of September. Project reports are reviewed to determine whether the projects warrant advancement in the program.

C. Preliminary Recommendations - A joint meeting of the WWDC and Select Water Committee is held in November of each year. The Director of the Water Development Office offers funding recommendations for new and existing projects. The project sponsors are afforded the opportunity to address the WWDC and answer questions. The WWDC develops its preliminary funding recommendations. The Select Water Committee attends this meeting in preparation for its ultimate review and approval of the WWDC's final recommendations.

D. Public Meetings/Hearings - If a proposed Level I Reconnaissance Study or Level II Feasibility Study is of particular concern or controversy, the WWDC may solicit public input at a public meeting prior to finalizing its project recommendation. The Commission holds formal public hearings on all Level II studies and on any other Level III application for which a public hearing has not already been held.

E. Coordination with the Governor - The preliminary funding recommendations and a financial report addressing impacts to the water development accounts are presented to the Governor. The Governor may provide input throughout the recommendation process.

F. The Water Development Office in consultation with the Legislative Service Office drafts the preliminary "Omnibus" Planning and Construction bills using the WWDC preliminary recommendations from their November meeting. Level I and II projects are placed in the Omnibus Planning bill and Level III projects are placed in the Omnibus Construction bill.

G. Final Recommendations - The WWDC meets in December or early January to finalize its recommendations for new applications and existing projects. Sponsors and interested parties are afforded the opportunity to express their views. The final recommendations of WWDC are contained in the preliminary "Omnibus" Planning and Construction bills.

H. Select Water Committee - The committee is comprised of six (6) senators and six (6) representatives. It provides legislative oversight for the program and reviews and approves the funding recommendations developed by the WWDC. The committee's approval comes in the form of its willingness to sponsor the "Omnibus" Planning and Construction bills. The Select Water Committee meets to review and discuss the draft bills prior to the legislative session.

I. Legislative Process - The legislature must authorize the allocation of funds from the water development accounts to particular projects. This approval is solicited through the "Omnibus" Planning and Construction Bills, sponsored by the Select Water Committee.

II. 2023 Preliminary Funding Recommendations:

Summary-2023 Omnibus Water Bill-Planning Preliminary Recommendations

Level I Projects-New Development	County	WDA I	WDA II	WDA III
Glendo Water Master Plan	Platte	$180,000		
Newcastle Water Master Plan	Weston	$223,000		
Orchard Valley Water Master Plan	Laramie	$222,000		
Ranchester Water Master Plan	Sheridan	$128,000		
Wardwell Water Master Plan	Natrona	$151,000		
Subtotal		$904,000		

Level II Projects-New Development	County	WDA I	WDA II	WDA III
CWRWS Well Field Study	Natrona	$1,567,000		
GR/RS/SC JPWB Eastside Zone Study	Sweetwater	$228,000		
Subtotal		$1,795,000		

Level I Projects-Rehabilitation	County	WDA I	WDA II	WDA III
Casper Alcova ID Master Plan	Natrona		$310,000	
Goshen ID Master Plan	Goshen		$300,000	
Sidon ID Master Plan	Big Horn		$177,000	
Tillard Canal Master Plan	Big Horn		$173,000	
Subtotal			$960,000	

Level II Projects-Rehabilitation	County	WDA I	WDA II	WDA III
Cody Canal Rehabilitation	Park		$257,000	
GVID Upper Sunshine Outlet Works Rehab	Park		$621,000	
Lakeview ID Rehabilitation	Park		$160,000	
Shoshoni GW Supply & Transmission	Fremont		$249,000	
Willwood ID Rehabilitation	Park/Big Horn		$346,000	
Subtotal			$1,633,000	

General	County	WDA I	WDA II	WDA III
UW Water Research Program	Statewide	$442,820		
Subtotal		$442,820		

Amendments to Prior Appropriations	County	WDA I	WDA II	WDA III
Douglas Test Well Study	Converse	$450,000		
Nowood River Storage – Alkali Creek	Big Horn			$420,000
Subtotal		$450,000		$420,000

2023 Omnibus Water Bill-Planning Preliminary Total	**$3,591,820**	**$2,593,000**	**$420,000**

Summary-2023 Omnibus Water Bill-Construction Preliminary Recommendations

Level III Projects-New Development	County	WDA I	WDA II	WDA III
Cloud Seeding: Medicine Bow & Sierra Madre Mountain Ranges 2024 (Aerial)	Albany/Carbon	$825,000		
Cloud Seeding: Wind River & Sierra Madre Mountain Ranges 2024 (Ground Based)	Fremont, Sublette and Carbon	$301,000		
Happy Valley Water Transmission and Storage 2023	Lincoln	$308,200		
Sheridan Northeast Transmission Main Extension 2023	Sheridan	$213,060		
South End Water Users ISD Pipeline 2023	Big Horn	$307,800		
Subtotal		$1,955,060		

Level III Projects-Rehabilitation	County	WDA I	WDA II	WDA III
CAID Lateral 256 Drop Structure 2023	Natrona		$477,040	
Enterprise WID Calvert Lateral 2023	Fremont		$626,400	
Goshen ID 56.0 Pipeline Phase I 2023	Goshen		$149,600	
Heart Mountain ID Lateral R4S 2023	Park		$1,164,000	
Interstate I&R ID Canal Phase III 2023	Sweetwater		$3,226,200	
Lakeview ID Rock Creek Siphon 2023	Park		$1,475,000	
Midvale ID Wyoming Canal Phase I 2023	Fremont		$2,250,000	
Subtotal			$9,368,240	

Amendments to Prior Appropriations	County	WDA I	WDA II	WDA III
Arapahoe Pipeline and Tank	Fremont, WRIR	$493,080		
Ethete Water Supply	Fremont, WRIR	Project modification and time extension to 7/1/2025		
Broken Wheel Ranch Water Supply 2017	Lincoln	Time extension to 7/1/2025		
Gillette Regional Extensions 2017	Campbell	Time extension to 7/1/2025		
Gillette Regional Extensions Phase IV – 2018	Campbell	Time extension to 7/1/2025		
Glenrock Transmission Pipeline 2020	Converse	Time extension to 7/1/2027		
GR/RS/SC JPWB Pump Station 2019	Sweetwater	Time extension to 7/1/2026		
Lander Storage Tanks and Pump Station 2019	Fremont	$3,376,800		
Melody Ranch Water System Improvements 2018	Teton	Project modification and time extension to 7/1/2026		
Small Water Project Program – New Development	Statewide	$1,000,000		
Torrington Well Connection 2021	Goshen	Time extension to 7/1/2027		
Sponsor's Contingency Account I	Statewide	$4,000,000		
Cottonwood Irrigation District Transmission Pipeline 2020	Lincoln		$979,910	

Dry Creek Irrigation District Pipeline Replacement 2022	Lincoln	Time extension to 7/1/2028		
Goshen ID Tunnel Rehabilitation 2022	Goshen	Restructure funding to 67% Grant 33% Loan		
Riverton Valley Irrigation District Rehabilitation 2018	Fremont	Time extension to 7/1/2025		
Shoshone Irrigation District Improvements 2021	Park		$89,000	
Shoshone Irrigation District Rehabilitation 2019	Park		$101,000	
Sidon Irrigation District Sidon Canal 2020	Big Horn		$651,000	
Sponsor's Contingency Account II	Statewide		$1,200,000	
Leavitt Reservoir Expansion	Big Horn			$32,000,000
Subtotal		$8,869,880	$3,020,910	$32,000,000
2023 Omnibus Water Bill-Construction Preliminary Total		**$10,824,940**	**$12,389,150**	**$32,000,000**

III. Financial Status Reports

The following three (3) tables depict the calculations used to estimate the available funds in each account for the 2022-23 Legislative Session.

Water Development Account I
Preliminary Fiscal Projections as of 8/01/2022

Cash Balance 6/30/2021		88,432,426
FY 2022 Revenues		
Taxes	19,297,500	
Interest	897,597	
Loans/Interest	1,502,126	
Other	460,244	
LSRA	25,000,000	
Total Revenues		47,157,467
FY 2022 Expenditures		
Total Expenditures		(28,708,789)
Cash Balance 6/30/2022		106,881,104
Outstanding Commitments 7/1/2022		
Active Appropriations	(167,454,153)	
Expenditures Paid	43,249,002	
Total Commitments 7/1/2022		(124,205,151)
Total Uncommitted Balance 7/1/2022		(17,324,047)
FY 2023 Anticipated Revenues		
Taxes	19,297,500	
Interest	1,000,000	
Other	1,500,000	
Total FY 2023 Anticipated Revenues		21,797,500
FY 2024 Anticipated Revenues		
Taxes	19,297,500	
Interest	1,000,000	
Other	1,500,000	
Total FY 2024 Anticipated Revenues		21,797,500
Subtotal Anticipated Revenues		43,595,000
Balance Available for Appropriation		26,270,953

Water Development Account II
Preliminary Fiscal Projections as of 8/01/2022

Cash Balance 6/30/2021		37,897,067
FY 2022 Revenues		
Taxes	3,255,000	
Interest	379,657	
Loans/Interest	1,038,021	
Other	7,018,826	
Total Revenues		11,691,505
FY 2022 Expenditures		
Total Expenditures		(4,464,520)
Cash Balance 6/30/2022		45,124,051
Outstanding Commitments 7/1/2022		
Active Appropriations	(67,025,775)	
Expenditures Paid	16,897,404	
Total Commitments 7/1/2022		(50,128,371)
Total Uncommitted Balance 7/1/2022		(5,004,320)
FY 2023 Anticipated Revenues		
Taxes	3,255,000	
Interest	400,000	
Other	800,000	
Total FY 2023 Anticipated Revenues		4,455,000
FY 2024 Anticipated Revenues		
Taxes	3,255,000	
Interest	400,000	
Other	800,000	
Total FY 2024 Anticipated Revenues		4,455,000
Subtotal Anticipated Revenues		8,910,000
Balance Available for Appropriation		3,905,680

Water Development Account III
Preliminary Fiscal Projections as of 8/01/2022

Cash Balance 6/30/2021		173,937,613
FY 2022 Revenues		
Taxes	775,000	
Interest	1,675,098	
Other	113,021	
Total Revenues		2,563,119
FY 2022 Expenditures		
Total Expenditures		(7,967,336)
Cash Balance 6/30/2022		168,533,396
Outstanding Commitments 7/1/2022		
Active Appropriations	(193,927,026)	
Expenditures Paid	26,653,966	
Total Commitments 7/1/2022		(167,273,060)
Total Uncommitted Balance 7/1/2022		1,260,336
FY 2023 Anticipated Revenues		
Taxes	775,000	
Interest	2,200,000	
Total FY 2023 Anticipated Revenues		2,975,000
FY 2024 Anticipated Revenues		
Taxes	775,000	
Interest	2,200,000	
Total FY 2024 Anticipated Revenues		2,975,000
Subtotal Anticipated Revenues		5,950,000
Balance Available for Appropriation		7,210,336

IV. Anticipated Remaining Funding after the 2023 Session

The Wyoming Water Development Commission (WWDC) bases its funding recommendations on the anticipated income into each water development account that will be available each biennium and with the knowledge that requests for funding will likely exceed available funds. Therefore, the WWDC will phase construction funding requests or deny funding to projects to ensure the account balances will not be exceeded and there will be sufficient funding for upcoming legislative sessions. The following table attempts to depict the funding available to each account after the 2023 Session by predicting the anticipated demands placed on those accounts during the 2023 Session.

Water Development Account I

Available 2023 Session		$26,270,953
2023 Omnibus Water Bills		
Transfer to WDA II	$11,200,000	
Planning	$ 3,591,820	
Construction	$10,824,940	
Deduct: Omnibus Water Bills		$25,616,760
Subtotal		$ 654,193
Add: Anticipated 2023 Reversions		$ 1,000,000
Anticipated Remaining after 2023 Session		**$ 1,654,193**

Water Development Account II

Available 2023 Session		$ 3,905,680
Add: Anticipated Transfer from WDA I		$11,200,000
2023 Omnibus Water Bills		
Planning	$ 2,593,000	
Construction	$12,389,150	
Deduct: Omnibus Water Bills		$14,982,150
Subtotal		$ 123,530
Add: Anticipated 2023 Reversions		$ 1,000,000
Anticipated Remaining after 2023 Session		**$ 1,123,530**

Water Development Account III

Available 2023 Session		$ 7,210,336
Add: Sponsor's Contingency Fund Account III		$32,000,000
2023 Omnibus Water Bills		
Planning	$ 420,000	
Construction	$32,000,000	
Deduct: Omnibus Water Bills		$32,420,000
Add: Anticipated 2023 Reversions		$ 0
Anticipated Remaining after 2023 Session		**$ 6,790,336**

The following table attempts to predict funding requests for the 2024 or later Legislative Sessions:

Water Development Account I – Potential Projects		
Bridger Valley System Improvements	1,000,000	
Casper - Poplar Street Zone II	1,100,000	
Cheyenne Belvoir Well Field	10,000,000	
Cloud Seeding: Medicine Bow/Sierra Madre/Laramie Range	800,000	
Cloud Seeding: Wind River Range	275,000	
Cody System Improvements	1,000,000	
CWRWS - Westwinds Rd Transmission Line	5,500,000	
Gillette Regional Extensions	25,000,000	
Groundwater Grant Program	1,000,000	
GR/RS/SC JPWB Pump Station and Transmission Line	24,000,000	
GR/RS/SC JPWB Wind River Zone Phase II	5,000,000	
Hanna Transmission	250,000	
Little Snake River Valley Municipal Water Supply	7,650,000	
Osage System Improvements	1,500,000	
Pinedale System Improvements	1,000,000	
Sheridan System Improvements	5,000,000	
Shoshoni System Improvements	1,000,000	
Small Water Program	1,000,000	
Star Valley Ranch Tank	1,000,000	
Thermopolis System Improvements	700,000	
Rolling Hills	500,000	
Grand Total WDA I		**$94,275,000**

Water Development Account II – Potential Projects		
Austin-Wall Reservoir Rehabilitation	1,000,000	
Big Horn Canal Siphon	150,000	
Bluff/Upper Bluff Irrigation District Rehabilitation	575,000	
Casper – 10 MG Water Reservoir	10,000,000	
Casper - Ridgecrest Zone 2/3 Transmission Line	1,450,000	
Casper Alcova Irrigation District	500,000	
Cody Canal Irrigation District	500,000	
Cottonwood Irrigation District	2,000,000	
CWRWS - Salt Creek Pump Station	1,500,000	
Deaver Irrigation District	500,000	
Dry Creek Irrigation District	1,300,000	
Eden Valley Irrigation and Drainage District	6,000,000	
Goshen Irrigation District – Tunnel Repair	30,000,000	
Goshen Irrigation District – Pipe to Canal	3,000,000	
Highland Hanover Irrigation District Pump Replacement	4,400,000	
Heart Mountain Irrigation District	500,000	
LaPrele Irrigation District Dam Rehabilitation	60,000,000	
Midvale Irrigation District	1,000,000	
Owl Creek Irrigation District Diversion Headgate	1,300,000	
Shoshone Irrigation District	500,000	
Sidon Irrigation District	500,000	
Silver Lake Dam Rehabilitation	3,500,000	
Small Water Program	500,000	
Wind River Irrigation Rehabilitation	25,000,000	
Grand Total WDA II		**$155,675,000**

Water Development Account III

There are four (4) dam and reservoir projects funded for construction and nine (9) additional projects in the planning phase under consideration.

Clear Creek Storage	120,000,000	
Greybull Valley Storage Enlargement	100,000,000	
Meadowlark Lake Enlargement	18,000,000	
Meeks Cabin Enlargement	35,000,000	
New Fork Enlargement	15,000,000	
Stateline Reservoir Enlargement	35,000,000	
West Fork Reservoir	72,000,000	
Wind River Storage (Two sites)	120,000,000	
Grand Total WDA III		**$515,000,000**

ACTIVE PROJECT REPORTS

CHAPTER 3 – ACTIVE PROJECTS

1. PROJECT: Alkali Creek Reservoir

LEVEL: III
SPONSOR: Nowood Watershed Improvement District
LOCATION: Big Horn County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	33	2008	III	$ 300,000	2010
Level II	32	2010	III	$ 250,000	2016
Level II	57	2012	III	$ 350,000	2016
Level II	74	2014	III	$ 225,000	2017
Level II	168	2015	III	$ 4,000,000	2024
Level III	75	2017	III	$ 35,000,000	2025*
Level III	113	2020	III	$ 59,000,000	2025†

*94% grant / 6% loan

†The 2017 appropriation of $35,000,000 was increased by $24,000,000 to $59,000,000. The grant percentage was changed from 94% to 96.4% and the loan percentage was changed from 6% to 3.6%.

PROJECT INFORMATION:

The Nowood Watershed Improvement District (District) is interested in constructing Alkali Creek Reservoir to provide late season supplemental irrigation water to the Nowood River Valley. The Alkali Creek Reservoir was identified as the preferred storage alternative to address shortages through previous Level II feasibility studies. The proposed reservoir, located off-channel, will be filled with flows from Paint Rock and Medicine Lodge Creeks through expansion of the existing Anita and Anita Supplemental Ditches. The reservoir will have a total capacity of approximately 8,965 acre-feet, of which 6,070 acre-feet will serve as a supplemental irrigation supply, leaving a 2,895 acre-foot conservation pool for habitat, fishing, recreational use, and supporting downstream flows.

The proposed reservoir lies partially on lands managed by the Bureau of Land Management (BLM) and involves Waters of the United States, therefore requiring a BLM issued Right of Way permit and a United States Army Corps of Engineers (USACE) 404 permit. The NEPA process has been followed and a final Environmental Impact Statement (EIS) was published by the BLM in May 2019, to address the issues and analyze a range of alternatives for Alkali Creek Reservoir in order to fully meet Federal requirements. A positive record of decision for a Right of Way permit was received from the BLM in October 2019. The compensatory mitigation plan (CMP) for aquatic resource impacts was completed and accepted by the USACE. A favorable record of decision on the 404 permit was received in May 2021.

Final design is approximately 50% complete. The WWDO is recommending that additional funding be added to the project appropriation and that the reversion date be extended to account for unanticipated cost increases encountered with a prolonged project timeline and additional project management/coordination; protracted land acquisition and easement negotiations associated with ownership changes; supplemental survey and geotechnical design data collection needs; as well as known and anticipated modifications/additions to the final design, plans and specifications. With the recent Bipartisan Infrastructure Law passed by the U.S. Congress, it was also decided to utilize discretionary funds to assist the District in applying for Federal funding. If Federal funding is secured for the project, design modifications could be implemented to meet the requirements of the new funding partners and extend project benefits. The project could be put to bid in the 2024-2025 time frame.

Once completed, the District will own, operate, and maintain Alkali Creek Reservoir for the life of the project to reduce irrigation shortages and provide a more reliable water supply to irrigated lands in the Nowood River Valley. In regards to secondary benefits, the reservoir will have public access and as stated, a conservation (environmental/recreation) pool which will provide fishery, wildlife, and recreational uses in addition to supporting downstream flows. Diversions out of Paint Rock and Medicine Lodge Creeks to fill the reservoir during spring runoff will provide flood control benefits on those creeks, while the reservoir itself will provide flood benefits to the Alkali Creek drainage. Wetlands created as part of the project will have water quality and wildlife benefits. In addition, late season irrigation releases out of the reservoir will enhance downstream riparian areas, improve fish habitat, and have indirect benefits to wildlife provided from additional agricultural yields and winter pasture.

2. PROJECT: Arapahoe Pipeline and Tank

LEVEL: III
SPONSOR: Northern Arapaho Tribe
LOCATION: Fremont County, Wind River Indian Reservation
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	85	2007	I	$ 125,000	2008
Level II	66	2009	I	$ 500,000	2010
Level III	23	2015	I	$ 1,926,920	2020*
Level III	113	2020	I	$ 0	2023**

*67% grant
**Time extension only

PROJECT INFORMATION:
The 2010 WWDC Level II Study identified a deficit in source supply/storage and inefficient transmission/distribution on the populated eastern portion of the Wind River Reservation. The study provided recommendations and cost estimates for thirteen (13) separate improvements to the system to rectify the shortfalls. A new source supply well was drilled as part of the 2010 Level II Study and has been recently connected to the system, thereby completing three (3) of the recommended improvements. The 2015 application requested funding of two additional distinct components:

1. State HWY 138/Rendezvous Road and Wind River Casino Pipeline Loop – Consisting of approximately 9,000 feet of 10" and 12" PVC Transmission Water Line

2. A 300,000-gallon Storage Tank and Transmission Line – Tank located above and southeast of the Beaver Creek housing complex, with installation of 8,050 feet of 10" PVC Transmission Water Line.

The Level II study was undertaken when casino-related development was on the upswing and associated impact demands on the local water system (commercial & residential) would occur in a short time. The present strain on the growing system relates to deficits in transmission/storage/distribution and prompted the 2014 Level III funding application from the Northern Arapaho Tribe. The Casino and associated infrastructure is now complete. The design for the tank and transmission line is complete, but the sponsor is awaiting final right-of-way clearance. Construction of the project is anticipated to start during the summer of 2023. The sponsor has requested a project budget increase and time extension in order to complete the project.

3. PROJECT: Arapahoe Water Supply 2016

LEVEL: III
SPONSOR: Northern Arapaho Tribal Business Council
LOCATION: Fremont County (Wind River Indian Reservation)
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	85	2007	I	$ 125,000	2008
Level II	66	2009	I	$ 500,000	2010
Level III	55	2016	I	$ 2,247,850	2021*
Level III	12	2021	I	$ 0	2024**

*67% grant
**Time extension only

PROJECT INFORMATION:
The 2010 WWDC Level II Study identified a deficit in source supply/storage and inefficient transmission/distribution on the populated eastern portion of the Wind River Reservation. The study provided recommendations and cost estimates for thirteen (13) separate improvements to the system to rectify the shortfalls. The 2016 application received funding for three additional transmission pipelines projects:

1. Upgrade and install a new transmission main along Left-Hand Ditch Road from the existing 1 MG Tank to 17 Mile Road.

2. Install a new Transmission main along 17 Mile Road between Goes In-Lodge Road to Highway 789. This will connect between two of the systems transmission mains.

3. Install a new Transmission main along Left-Hand Ditch Road from 17 Mile Road south to the Arapahoe School and Industrial Park.

The transmission main that feeds the system is critically undersized to deliver the needed demands in the system. The line is a 6" asbestos cement line installed in the 1960's. Upgrading to the 12" PVC line will allow the utility to meet the required Tank-to-System delivery needs. The entire water supply for Beaver Creek Housing and the Wind River Casino commercial area is fed by the single transmission line extending from 17 -Mile Road. If a pipeline break occurs in those two miles, there is no alternative way to deliver water to this area. This has happened on occasion, leaving the area dependent on only the 60,000 gallons of storage in the Beaver Creek Tank. This situation presents an unacceptable public safety and health risk. The new transmission line will alleviate this problem. The Arapahoe School and Industrial Park (ASIP) area of the system is operated as a separate stand-alone system serving the ASIP and a small number of residences. Tying this and the primary Arapahoe system together will make it possible to feed the ASIP and residents from the main system and its 1 MG tank. The Indian Health Services (IHS) has funding in place for project No.1 as listed above in an amount of $814,000.00. The IHS has also approved using the funding in combination with the WWDC funding across all three projects to complete the design of each project. This allows enough funding to bid and construct Project 1. The design is complete for projects 1 and 2, but the sponsor is awaiting right of way clearance. The design is 50% complete for project 3.

4. PROJECT: Austin-Wall Reservoir Rehabilitation 2019

LEVEL III
SPONSOR: Austin-Wall Irrigation District
LOCATION: Uinta
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	II	$ 110,000	2010
Level II	32	2010	II	$ 388,680	2012
Level III	141	2013	II	$ 150,000	2018*
Level III	100	2014	III	$ 1,000,000	2018**
Level III	23	2015	III	$ 1,600,000	2018***
Level III	55	2019	II	$ 374,000	2024****

*50% Grant. This appropriation replaced by 2014 appropriation
**50% Grant. This appropriation replaced by 2015 appropriation
***50.9% Grant, 3.4% Loan
****67% Grant, 33% Loan

PROJECT INFORMATION:
The Wall Reservoir is owned and operated by the Austin-Wall Irrigation District (District). The Wall Reservoir is located in a small tributary basin to the Blacks Fork River near the Town of Fort Bridger. The Blacks Fork River receives water from the Uinta Mountains south of Wall Reservoir. The Blacks Fork River is a tributary to the Green River.

A 2013 drilling program determined there is a high permeability zone (as high as 10^{-3} cm/sec) that extends under the dam. The hydraulic conductivity indicates that the upper 10 to perhaps 20 feet of bedrock has a hydraulic conductivity sufficient to allow significant seepage underneath the dam in the vicinity of the right abutment and throughout the right abutment.

In addition to seepage issues, the 2013 study found that the existing outlet structure is undersized and contributes to additional leakage.

The Level II study concluded that in order to mitigate the seepage through the dam foundation near and through the right abutment, the hydraulic conductivity of the upper 10-20 feet of bedrock should be reduced. Based on the geologic characterization models and engineering analyses completed for the site, there are two different approaches that can be used to significantly reduce the hydraulic conductivity of the foundation bedrock and the corresponding seepage from the reservoir. These approaches include:

1) excavation of a cutoff trench and backfilling of the trench with a low permeability cement/bentonite backfill, and

2) grouting with a properly designed balanced and stable grout.

Each of these foundation treatment approaches would be combined with installation of a low permeability compacted clay liner over the upstream face of the dam and upstream right abutment area. These systems are anticipated to achieve a seepage reduction ranging from 60 to 90 percent through the areas selected for treatment.

The 2019 Rehabilitation project provides construction funds to replace the outlet and provided a preliminary spillway though the outlet works. This phase does not supply funds to install a low permeability clay liner on the upstream face of the dam.

In June of 2021, the District contracted with a consulting engineer to design the new outlet structure. The District is also working with the NRCS on a PL-566 watershed project to address the seepage through the dam. The PL-566 project requires a watershed study, and the consulting engineer is currently working on that concurrently with the WWDC Project. At this point, it appears the District is looking to address both issues concurrently with the WWDC project funds and the NRCS Funds.

5. PROJECT: Big Horn Canal Adobe Check Structure 2022

LEVEL: III
SPONSOR: Big Horn Canal Irrigation District
LOCATION: Big Horn and Washakie Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 150,000	2006
Level III	23	2015	II	$ 175,000	2020*
Level III	55	2019	II	$ 960,000	2024*
Level III	113	2020	II	$ 1,660,000	2025*
Level III	93	2022	II	$ 154,100	2027**

*67% grant, 33% loan
**67% grant only

PROJECT INFORMATION:
The Big Horn Canal Irrigation District's main canal (Big Horn Canal) extends from the Big Horn River south of Worland to the Greybull River near Greybull. The check structure, identified as BHC-18 in the Rehabilitation Plan section of the 2007 Big Horn Canal Rehabilitation Level II Study, currently consists of a rock and rubble structure that is uncontrollable and in questionable condition. The structure provides water level control for multiple farm turnouts. The current project would remove the existing rock and rubble structure and replace it with a concrete stop-log structure that would allow for relatively easy control of the water level while allowing for sediment passage. Design is currently at the 50% stage and construction is expected to be completed in the winter/spring of 2023.

6. PROJECT: Big Horn Canal Irrigation District Wasteway/Check Replacement 2020

LEVEL: III
SPONSOR: Big Horn Canal Irrigation District
LOCATION: Big Horn and Washakie Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 150,000	2006
Level III	23	2015	II	$ 175,000	2020*
Level III	55	2019	II	$ 960,000	2024*
Level III	113	2020	II	$ 1,660,000	2025*

*67% grant, 33% loan

PROJECT INFORMATION:
The Big Horn Canal Irrigation District's main canal (Big Horn Canal) extends from the Big Horn River south of Worland to the Greybull River near Greybull. Roughly thirty-one miles below the Robertson Dam is the Big Horn Canal Alamo wasteway structure. The proper operation of the canal is heavily dependent upon this structure. There is approximately 11,194 acres below this structure that would be

catastrophically impacted if this structure failed. Replacing the old wasteway and check structure will improve safety, reliability and reduce canal maintenance. Construction is complete, project close-out documents have been received, and the project has been closed out.

7. PROJECT: Big Horn Regional Transmission

LEVEL: II
SPONSOR: Big Horn Regional Joint Powers Board (BHRJPB)
LOCATION: Washakie County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	36/86/7	2000/01/02	I	$ 1,505,000	2005
Level III	8/118/121/1	2002/04/07/12	I	$ 23.8 M	2017
Level II	75/66	2005/09	I	$ 2,350,000	2012
Level II	65	2017	I	$ 180,000	2020
Level III	113	2020	I	$ 4,361,700	2025
Level II	11	2021	I	$ 146,000	2024

PROJECT INFORMATION:
The BHRJPB was founded in 2000 to administer and operate a regional municipal and rural public water supply along the eastern margin of the Big Horn Basin with customers in Big Horn, Washakie, and Hot Springs Counties. They are concerned with existing transmission deficiencies East and South of Worland and potential future transmission restrictions in Hot Springs County, from Kirby through the Lucerne Water & Sewer District.

The BHRJPB requested a study intended to improve service to the City of Worland, Washakie Rural Improvement & Service District, Town of Kirby, Lucerne Water & Sewer District, and alternative service to additional Hot Spring County users (e.g. Owl Creek Water District, etc.), through more efficient transmission. The Consultant was given notice to proceed in Spring of 2021.

The study was completed in the fall of 2022 with 7 projects identified to address transmission deficiencies. These projects were prioritized in the following order:

Project Number	**Project Name**	**Project Type**	**Total Cost (2022 dollars)**
1	South Worland to Airport Transmission Main Project	Transmission	$5,258,768
2	Worland Airport Tank	Storage	$2,186,484
3	Lucerne Storage Tank	Storage	$1 695,190
4	Lucerne Transmission Main to Red Lane	Transmission	$7,142,283
5	Red Lane PS and Transmission to Round Top	Transmission and Storage	$1,695,190
6	Round Top to Owl Creek	Transmission	$1,781,052
7	South Thermopolis to Owl Creek	Transmission	$ 872,327

Three additional opportunities for regionalization were recommended as follows:

1. Development of a southern water source.
2. Further development of the northern water supply.
3. Formation of a Red Lane Water District.

This project was closed out in December of 2022.

8. PROJECT: Big Horn Regional Transmission 2020

LEVEL: Level III
SPONSOR: Big Horn Regional Joint Powers Board (BHRJPB)
LOCATION: Big Horn County, Hot Springs County, Washakie County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	36	2000	I	$ 160,000	2002
Level II	86	2001	I	$ 670,000	2002
Level II	7	2002	I	$ 675,000	2004
Level II	75	2005	I	$ 1,500,000	2010
Level II	66	2009	I	$ 850,000	2010
Level III	4	2012	I	$ 23,838,600	2017
Level III	14	2012	I	$ 4,730,200	2017
Level III	100	2014	I	$ 1,447,200	2017
Level I	74	2014	I	$ 135,000	2017
Level II	65	2017	I	$ 180,000	2020
Level III	113	2020	I	$ 4,361,700	2025*

*67% grant

PROJECT INFORMATION:
The BHRJPB provides rural domestic water through a regional system that serves Big Horn, Washakie, and Hot Springs Counties, including the Town of Greybull, Town of Basin, Town of Manderson, and the City of Worland. Big Horn Regional System currently has 8 wells, averaging about 3800 feet in depth, into the Madison Formation. The total yield from all wells is in excess of 5,000 gpm. Water is stored in either the 1MG tank on Rattlesnake Ridge or the 100,000 gallons tank near Manderson. Currently, the Town of Burlington has 2 wells that are questionable in both quality and quantity. The Big Horn Regional Water System will extend their transmission pipeline to supply the Town of Burlington. The sponsor's agreement was amended on February 8, 2022, to add $750,000 in funding from the Sponsor's Contingency Fund. This allowed the project to be award and the Notice to Proceed was issued on March 16, 2022. Construction is underway and expected to be completed in the summer of 2023.

9. PROJECT: Big Sandy Reservoir Enlargement

LEVEL: III
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sublette and Sweetwater Counties
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	III	$ 100,000	2014
Level II	1	2011	III	$ 300,000	2017
Level II	168	2015	III	$ 2,000,000	2018
Level III	75	2017	III	$ 8,400,000	2023

PROJECT INFORMATION:

Big Sandy Reservoir is a major storage facility of the Eden Project. The reservoir provides storage for irrigation, flood control, recreation, and fish and wildlife benefits. The reservoir stores 39,700 acre-feet of water under Permit No. 947 Res., with a priority date of November 9, 1906, and has a surface area of approximately 2,510 acres at water surface elevation 6757.5. The Eden Valley Irrigation and Drainage District (District) is interested in enlarging Big Sandy Reservoir to provide additional supplemental water and to ensure more consistent delivery of the project water supply to District members. The owner of Big Sandy Dam and Reservoir is the United States Department of the Interior, Bureau of Reclamation (Reclamation). The District contracts with Reclamation to operate the facility.

A feasibility analysis of the Big Sandy Enlargement has determined there to be no fatal flaws in the project. Furthermore, the WWDC has worked with Reclamation, through a Technical Service Agreement (TSA), to evaluate a 5' spillway raise at Big Sandy Dam. Task orders within the TSA have included project management, hydrologic analysis, bathymetric survey, preliminary design and risk analysis, a value planning study, and appraisal level alternatives. Reclamation has determined a preferred alternative to maintain at least a "risk neutral" condition for the Big Sandy facility while providing the benefit of additional storage with a reservoir enlargement. Final design has been completed for the preferred alternative which consists of a spillway crest raise, dam abutment toe drain, outlet works filter diaphragm, dike seepage cutoff wall and slope protection, and feeder canal headworks. Additional modification to the Big Sandy Feeder Canal is also being planned to allow for operational flexibility, a key component for maximizing storage and providing for adaptive management of wetlands.

Reclamation issued the final Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) in June of 2020. Since that time, final design has been completed and a construction contract awarded in April of 2021. Construction is anticipated to be complete in the summer of 2023. Reclamation approved the project for the Upper Colorado River Basin Fund Memorandum of Agreement (MOA). The MOA provides funding through a percentage of collected hydropower revenues generated by Colorado River Storage Projects (CRSP) for participating projects within the Upper Colorado River Basin. Once completed, the Big Sandy Reservoir Enlargement, estimated at approximately 13,000 acre-feet, will aid in firming up the Eden Project by ensuring consistent delivery of project water supply and providing additional carryover storage for more consistent and earlier spring start-up. In addition, the project will provide drought resilience, mitigate hydrologic deficiency, and ease operations during high flow events by protecting the dam structure and downstream features.

10. PROJECT: Big Wind River Storage Study, Phase II

LEVEL: II
SPONSOR: Eastern Shoshone and Northern Arapahoe Tribes
LOCATION: Fremont County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	36	2000	I	$ 200,000	2002
Level II	74	2014	III	$ 350,000	2017
Level II	65	2017	III	$ 475,000	2022

PROJECT INFORMATION:
Irrigation shortages have long been documented in the Wind River Basin upstream of Boysen Reservoir. In a 1965 report, prepared by Bishop and Spurlock, it was concluded that the system hydrology was incapable of meeting the entire irrigation demand in the upper Wind River Basin (the Big Wind and Little Wind River drainages above Boysen Reservoir). These shortages could be offset by constructing dam and reservoir projects in both drainages that would store spring runoff which could then be used by irrigators in either the Little Wind and/or Big Wind River drainage. These shortages were reaffirmed by Short Elliot Hendrickson Inc. (SEH) in the "Upper Wind River Storage Project – Level I Study", which was prepared for the Wyoming Water Development Commission in 2001.

During the 2014 Budget Session, the Eastern Shoshone and Northern Arapaho Tribes (Sponsor) applied for, and received, funding to conduct a Level II, Phase I Storage Feasibility Study that would build on the 2001 Level I study. The Phase I study analyzed irrigation water shortages and water availability to store under a present day water right, as well as alternatives for constructing new or enlarging existing dams and reservoirs to offset documented irrigation shortages. Constructing new, or enlarging existing storage, will require issuance of a permit to appropriate water from the Wyoming State Engineer's Office and must take into consideration the implications related to the Big Horn General Adjudication.

Building off of previously completed work and additional data collected under the study, approximately 80 different storage alternatives were analyzed against one another. Taking into consideration criteria such as hydrology, technical feasibility, environmental impacts, estimated costs, and Tribal concurrence, the alternatives were screened. Alternatives were ranked by score and top alternatives were analyzed in greater detail.

In summary, based on the Level II, Phase I investigation, it was concluded that seasonal irrigation water shortages in the Big Wind River watershed exist, additional water is available for a new storage appropriation, and storage alternatives are feasible. Further analysis was then recommended to refine project knowledge.

During the 2017 General Session, the Sponsor applied for, and received, funding to continue to analyze the feasibility of the development of additional surface water storage under a Level II, Phase II Study. The current Phase II analysis being conducted includes the following key components:

- Hydrologic Model Refinement
- Alternatives Analysis Refinement
- Geological/Geotechnical Analysis and Site Visits
- Environmental and Aquatic Resources Investigation
- Cultural Resource Analysis
- Economic Analysis Refinement

The objective of the Phase II analysis is to continue to develop project knowledge by leveraging past and current work to develop a preferred alternative for recommendation for a Level II, Phase III (permitting and final design) funding request. Work on the project is underway and continuing according to schedule.

11. PROJECT: Broken Wheel Ranch Water Supply 2017
LEVEL: III
SPONSOR: Broken Wheel Ranch Improvement and Service District
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	168	2015	I	$ 100,000	2018
Level III	75	2017	I	$ 613,050	2022*
Level III	93	2022	I	$ 0	2023**

*67% grant
**Time Extension Only

PROJECT INFORMATION:
The Broken Wheel Ranch Improvement and Service District is located in northwestern Lincoln County and the Salt River Basin, about five miles south of the Town of Alpine. The sponsor's public water system serves a population of approximately 50 people through 20 taps. The system is supplied with groundwater from a well that is approximately 302-feet deep. The permitted yield of the well is 15-gpm. The sponsor's water system includes two (2) concrete tanks, totaling 10,532 gallons (about 5,000 gallons for each tank). Since the beginning of September 2016, the sole supply well has been nearly dry. The Sponsor has been forced to purchase and haul multiple loads of drinking water from the Town of Alpine to maintain water supply to the residents. Late in 2016, the well yield declined to approximately one gpm but showed some improvement in 2017.

The Level III construction project was authorized by the Legislature during the 2017 session with a 67% grant from WWDC Account I. The remaining project funding was sought from the Drinking Water SRF and USDA Rural Development. In 2021, the District secured land access agreements for the construction of a new well approximately 650-feet from the southern District boundary, and purchased a lot that will be the location for the new storage tank and booster pump station. In the Spring of 2022, an amendment to extend the project until July 1, 2023, was approved. A well drilling contract was awarded in the Summer of 2022. In the Fall of 2022, the district requested an amendment to increase the budget, and extend the project another two years. Additional ARPA funds were awarded by the State Land Investment Board in the Fall of 2022, and the WWDC recommended a two-year time extension to complete the project with no additional WWDC funding. Once the new well has been drilled in the Spring of 2023, the design for the well, pipeline, tank, and booster pump will be completed.

12. PROJECT: Buffalo Wells and Transmission 2019

LEVEL: III
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	II	$ 600,000	2009
Level I	74	2014	I	$ 190,000	2017
Level II	65	2017	I	$ 180,000	2020
Level III	55	2019	I	$ 1,238,160	2024*

*67% grant

PROJECT INFORMATION:
In 2016, the City of Buffalo requested a Level II study to determine the feasibility of developing a Madison Aquifer groundwater supply for the City from an existing 3,809-foot deep well located approximately 15 miles south of the City. The Level II study also evaluated shallow alluvial wells just west of the City of Buffalo water treatment plant located approximately 2 miles west of the City. The

Level II study recommendation was to construct the alluvial wells. The wells will be located west of the water treatment plant, north of Clear Creek and south of HWY 16.

In 2019, the Sponsor received grant funds from the New Development program in the amount of $1,238,160. This amount is for a 67% grant of the project eligible costs. The Sponsor will provide the remaining project funds. During 2019, the Sponsor secured the services of an engineer and initiated the design process. In 2020, seven exploratory well sites were drilled. During 2022, the production wells were drilled. Design of the collection system and connection to the existing water system is underway and construction of this work is anticipated to take place during the late spring or early summer of 2023.

13. PROJECT: Byron Rural Water Supply

LEVEL: II
SPONSOR: Northwest Rural Water District (NRWD)
LOCATION: Big Horn County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	69	2003	I	$ 1,120,000	2008
Level III	105	2006	I	$ 2,960,000	2010
Level III	14	2012	I	$ 281,400	2017
Level III	141	2013	I	$ 3,690,025	2018
Level I	74	2014	I	$ 150,000	2017
Level I	38	2016	I	$ 230,000	2019
Level III	121	2018	I	$ 1,076,690	2023
Level III	55	2019	I	$ 1,055,250	2024
Level III	113	2020	I	$ 676,700	2025
Level II	11	2021	I	$ 127,000	2024

PROJECT INFORMATION:
Recently the rural residents near the Town of Byron approached the Town of Byron, the Shoshone Municipal Joint Powers Board, and the NRWD requesting assistance in obtaining a reliable source of potable water. During following meetings and discussions, it was determined that the Northwest Rural Water District has the capability to serve water and would be the appropriate entity to sponsor a project.

The NRWD requested a study to evaluate and develop alternatives and cost estimates for serving the rural residents with a potable water supply. The study determined the feasibility of adding these new rural water users to an existing regional system. Currently, the potential users either haul water or have wells as their source of potable water. The Consultant was given notice to proceed April 2021.

The study was completed in October of 2022 with three alternatives identified in the final report by the Consultant. Alternative 1- Develop a new rural water system by extending the Town of Byron's system, Alternative 2- Develop a new rural water system from the Shoshone Municipal Pipeline, and Alternative 3- Develop a new rural water system from Northwest Rural Water District.

Summary Costs for Alternatives			
Alternative	WWDC Eligible	Ineligible	Total Cost
1	$ -	$ 3,336,511	$ 3,336,511
2	$ 1,826,055	$ 3,308,744	$ 5,134,799
3	$ 2,063,870	$ 3,308,744	$ 5,372,614

Alternative 1 was the recommended course of action because of the cost, ease of operation, and minimal operation and maintenance required. The entirety of Alternative 1 was deemed to be ineligible by the Wyoming Water Development Office staff. This project was closed out in December of 2022.

14. PROJECT: Casper Alcova Irrigation District Underdrain 2018

LEVEL: III
SPONSOR: Casper Alcova Irrigation District
LOCATION: Natrona
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	2006	II	$ 200,000	2008
Level III	121	2018	II	$ 416,740	2023*

*67% grant

PROJECT INFORMATION:

The project is to replace a four-barrel box culvert underdrain. The existing underdrain concrete is in poor condition; with reinforcing steel visible in places. The underdrain is also leaking into the drain from the main canal structure that passes over the underdrain. The remainder of the main canal structure serves as a check-structure and wasteway to dump excess water in the canal down the drainage in case of emergency. The check-structure portion of the structure is sound and will remain in place. The wasteway is integral to the underdrain and will be removed and replaced with a new wasteway that will dump water into the cross drainage at a location near the outlet of the underdrain. The underdrain replacement is estimated to be a 9-foot x 3-foot reinforced concrete box culvert. The wasteway replacement will have canal gates to control water flow into four 60-inch diameter pipes to carry excess canal water to the drainage below. Failure of the existing structure could cause severe damage to the Casper Canal and jeopardize water delivery to approximately 21,210 acres, which represents a high percentage of the sponsor's service acreage. The Bureau of Reclamation has also noted the deficiencies of the existing structure and require its repair or replacement. This structure is listed as #8 in the overall priority list of facilities needing attention and #7 in the structures to be rehabilitated in the Level II Study completed in 2008. The District awarded the construction project in 2021 and the project was constructed during the 2021/2022 winter season. The project was successfully completed, and has been closed out by the WWDO.

15. PROJECT: Cheyenne Transmission, Pump Station & Tank 2020

LEVEL: III
SPONSOR: Cheyenne Board of Public Utilities
LOCATION: Laramie County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	113	2020	III	$ 8,281,200	2025*

*67% grant only

PROJECT INFORMATION:

The EPA has mandated that the City of Cheyenne – BOPU remove the Round Top Tank from Service by 2024. When considering how to replace this storage, the BOPU completed a study of their system and its shortcomings. The study identified several water system deficiencies, beyond just the EPA Mandate at the Round Top Tank site.

In its current configuration the Buffalo Ridge Storage Tank is below the elevation that is required to provide adequate pressure to the areas that it serves. As a result, the BOPU utilizes the Buffalo Ridge Pump Station to provide the proper pressure for the City's North Zone. An elevated tank at the Buffalo Ridge Tank Site could correct this deficiency while also replacing the storage lost by the removal of the Round Top Tank. This project began with the EPA mandate to take the Round Top Tank out of Service by 2024, and was extended to include other service issues within the existing system. The result is a project that fixes multiple issues and makes delivery and management of water to the citizen of Cheyenne easier and more efficient. There are no prior appropriations for this project. The Cheyenne BOPU completed a Study on their own that is compatible with a WWDC Level II Study and applied directly to Level III.

The BOPU requested and received funding to construct a 3-million-gallon elevated tank and related piping at the Buffalo Ridge Tank Site. The design of tank is complete with bidding is planned for the winter of 2022/2023. The design of the pipeline is continuing and should be complete by early 2023.

16. **PROJECT:** **Clarks Fork/Upper Shoshone Watershed Study**
LEVEL: I
SPONSOR: Cody and Powell Clarks Fork Conservation Districts
LOCATION: Park County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	84	2022	I	$ 396,000	2025

PROJECT INFORMATION:
The Cody and Powell-Clarks Fork Conservation Districts requested a watershed study to evaluate current watershed function and irrigation diversion/conveyance systems. A primary goal is to identify opportunities to assist landowners (and irrigation districts in the process) in water developments that convey water more efficiently and reduce excess bacteria, nutrients, and sediment loading into nearby waters. Identifying specific projects to remediate water quality issues while improving water quantity is a high priority for both districts. There is a need to evaluate the management of water developments from the perspective of improving system efficiency while ensuring the timing and duration of waters received by downstream users is not considerably disrupted.

The study will provide an inventory of physical, biological, and built systems within the watershed. Watershed studies evaluate water infrastructure and water storage systems for enlargement and rehabilitation, assess current condition of wetlands and riparian areas within the drainage, and provide geomorphic classification. This information will provide baseline information from which the Districts can pursue implementation of management practices that address the natural resource issues within the drainage.

The project area is located in Park County, includes the towns of Cody and Powell and Buffalo Bill Reservoir, and covers approximately 2,300,000 acres. The watershed drains a large portion of the Big Horn Basin in NW Wyoming and includes portions of the Shoshone and Clarks Fork River systems. The Shoshone River system has numerous tributaries such as North Fork Shoshone River, South Fork Shoshone River, Bitter Creek, Trail Creek, Sulphur Creek, Sage Creek, and Deer Creek. In the Clarks Fork River system, the tributaries include Bennett Creek, Bear Creek, and Sunlight Creek. The watershed study area will include only those portions of the watershed located within the State of Wyoming. The project is expected to result in a final report by the end of 2023.

17. PROJECT: Clear Creek Storage

LEVEL: II
SPONSOR: Clear Creek Conservation District
LOCATION: Johnson and Sheridan Counties
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	III	$ 300,000	2011
Level II	1	2011	III	$ 250,000	2014
Level II	66	2013	III	$ 350,000	2016
Level II	168	2015	III	$ 700,000	2018
Level II	94	2018	III	$ 0	2021*
Level II	11	2021	III	$ 0	2024*

*Time Extension of 2015 Appropriation

PROJECT INFORMATION:

The Clear Creek watershed, located in northwest Johnson County and extending into southeast Sheridan County, is approximately 738,312 acres with land ownership divided among federal, private, and state. The watershed includes one primary river system, the main stem of Clear Creek, and its tributaries including French Creek, Rock Creek, Shell Creek, Piney Creek, Boxelder Creek and Buffalo Creek.

Landowners within the Clear Creek watershed are concerned about water storage and the need to improve irrigation systems and water efficiencies within the drainage. The Clear Creek Conservation District (CCCD) conducted a Rapid Watershed Assessment (RWA) for the Clear Creek drainage in 2007, and water quality/quantity was identified as the largest issue, followed by water availability and conservation. Requests were made to both CCCD and Sheridan County Conservation District (SCCD) to partner with the Wyoming Water Development Commission to conduct a Level I Watershed Study. In addition, several irrigation interests expressed the need for assistance with evaluating irrigation infrastructure.

Several public meetings were held in 2008 to inform the community of the WWDC's watershed study process. Based on the positive response, the decision was made by CCCD and SCCD to co-sponsor a WWDC funded study of the Clear Creek Watershed. The study kicked off in July of 2009 as a comprehensive assessment of the watershed's condition, needs and opportunities. The study provided a detailed evaluation of the watershed and incorporated available technical information describing conditions and assessments of the watershed. The project consisted of field investigations, development of a Geographic Information System (GIS), development of a prioritized list of potential water development and system rehabilitation projects, preliminary cost estimates, permitting requirements, and funding opportunities. The watershed study was completed in early 2011. The storage component of this study identified evident water shortages and potential water development opportunities.

At the request of the Clear Creek Conservation District, a Level II Storage Feasibility Study was initiated in mid-2011 to further explore storage opportunities identified in the Clear Creek Watershed Study. The objective has been to develop and/or expand current water storage in the Clear Creek Watershed to collect the excess spring runoff and allow for controlled, consistent releases, thus providing agricultural benefits through improved management and late season irrigation, potential municipal benefits through supply and reduction of channel erosion and flooding in area communities, as well as environmental and recreational benefits through the enhancement of fisheries and wildlife habitat. The Level II study focused primarily on hydrologic analysis, need for supplemental water, and site investigations to determine the most viable and least environmentally damaging storage locations. Completion of a StateMod Hydrologic model of the entire Clear Creek Watershed has given understanding of where irrigation shortages are located, where

water is legally available to store with a present day water right, and how incorporation of new storage can reduce shortages within the watershed. The model also accounts for Lake DeSmet and its many water rights, possibilities of its utilization in reducing shortages, and its possible impacts to other reservoir yields evaluated.

Results of the Level II Storage Feasibility Study allowed WWDC to identify the Bull Creek Reservoir concept as the preferred alternative. The Bull Creek Reservoir site had the potential for multiple uses and benefits, not just supplemental irrigation. The Reservoir could be located off-channel on the ephemeral Bull Creek drainage, approximately 5 miles south of the City of Buffalo (City), and would be filled by a pipeline out of Clear Creek. In addition to reducing irrigation shortages on lands both south of Buffalo and on lower French Creek, there was the potential for municipal water to be stored in the reservoir for the City, as well as for storage water to be used to supplement Clear Creek stream flows through town during dry periods, having a positive impact on fisheries and tourism. Furthermore, there could be a conservation pool in the reservoir for public recreation and fisheries, water conservation through consolidation of irrigation ditches, flood control, potential for increased flow in North Fork Clear Creek, as well as direct and indirect economic benefits to the community.

During the 2013 General Session, the Clear Creek Conservation District requested and received additional funding for a Level II, Phase II Storage Feasibility Study to continue to refine data on the storage opportunities analyzed in the Clear Creek Storage, Level II Study. Significant effort was placed on engaging the parties potentially affected and/or benefited by the Bull Creek Reservoir concept. Feedback from the conversations was very positive and plans were to continue the discussion so as to develop the partnerships necessary to bring a project to fruition. Work also focused on hydrologic model refinement, geotechnical and environmental investigations, and economics to further determine the feasibility of the preferred alternative. Geotechnical investigation of the Bull Creek Reservoir site took place in 2014. Results showed a strong foundation to safely build an embankment on, however uncontrolled seepage rates appeared to be high through the bed of the reservoir pool area and surrounding ridges because of bedrock that is predominantly uncemented sandstone. Foundation treatments to control seepage are common and geotechnical engineers analyzed mitigation measures to reduce seepage and increase storage efficiency at the Bull Creek site. Consequently, the overall cost associated with construction of the project increased.

With the information from the subsurface geotechnical investigation and at the recommendation of the WWDO, the Clear Creek Conservation District requested and received additional funding during the 2015 General Session to continue the Level II, Phase II Storage Feasibility Study to further consider the Bull Creek Reservoir site and alternatives to said site. The WWDO and District's intent was to avoid overlooking any feasible alternatives that could be constructed at a lesser cost. Shortly after funding became available, private lands came up for sale higher in the Bull Creek drainage which was previously unavailable for consideration of a reservoir site, but exhibited better geologic conditions. Through coordination and discussions with various agencies and non-governmental organizations, the Office of State Lands and Investment Board of Land Commissioners began analyzing the property and eventually decided to complete a land exchange to acquire the property, as it fit very well with their trust land management objectives. The negotiation of the land exchange opened the door on an Upper Bull Creek reservoir alternative.

A geotechnical investigation of the Upper Bull Creek site was ultimately allowed to take place in the spring of 2016. Results were positive and a geologic data report was completed on the materials laboratory testing. Foundation treatment and embankment design were initiated. Furthermore, an aquatic resource inventory was completed for the site. The project appears to be feasible and a draft report of Level II information has been compiled. A draft results presentation was held in July 2019 and feedback from stakeholders was and will continue to be gathered. If feedback is favorable, additional work in preparation for permitting and final design could include further field work, operation and maintenance

plans, beneficiary/stakeholder meetings, and land appraisals and negotiations. Furthermore, Congressional Legislation that could aid in the funding of this project is being closely watched, as it may provide an opportunity for federal partnership, in turn increasing the feasibility of project advancement.

It should be noted that a single storage project cannot alleviate all shortages within the Clear Creek Watershed and that other storage alternatives may need to be advanced in the future to address these shortages.

18. **PROJECT:** **Clearmont Well Connection 2019**
LEVEL: III
SPONSOR: Town of Clearmont
LOCATION: Sheridan County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	85	2007	I	$ 75,000	2009
Level II	168	2015	I	$ 750,000	2018
Level III	55	2019	I	$ 328,970	2024*

*67% grant only.

PROJECT INFORMATION:
In 2008, a Level I study was completed to determine the impacts of coal bed methane (CBM) development on the Town of Clearmont's two water supply wells. The two wells are constructed into the Wasatch/Fort Union aquifer system. With both wells operating, the Town has a sufficient water supply. However, if Well No. 2 becomes inoperable, the Town would not be able to meet its water supply demands. As a result, one of the recommendations of the Level I Study was to apply to the WWDC for a Level II feasibility study to conduct a well siting study and construct a test/production well to replace Well No. 1.

A test/production well (Clearmont Well No. 3) was completed to a depth of 1,626 feet in April 2016. The well penetrated into the Fort Union Formation. The well yields 100 gpm of water with similar, but slightly lower quality water than the two existing Town wells. From July to August 2017, a second, shallow, test well (Clearmont Alluvial Well) was completed to 70 feet deep into the alluvial deposits. The alluvial test well yielded 15 gpm of non-potable water (~7,620 milligrams per liter, TDS). The Town purchased the new Fort Union Formation well and is now working to tie that well into their system. On September 6, 2022, the Notice to Proceed for construction of the well completion and connection piping was issued. Construction is expected to be completed in late 2022.

19. **PROJECT:** **Cloud Seeding Medicine Bow Mountains 2021-2022**
LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Medicine Bow and Sierra Madre Mountain Ranges (Wyoming), Never Summer Mountain Range (Colorado)
Albany and Carbon Counties (Wyoming); Jackson, Larimer and Grand Counties (Colorado)
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	I	$ 589,000	2021
Level III	113	2020	I	$ 705,000	2022
Level III	12	2021	I	$ 728,000	2023

*Note: Legislative appropriations prior to the 2020 legislative session reference "Weather Modification" as part of the project title instead of "Cloud Seeding".

PROJECT INFORMATION:

Airborne cloud seeding operations targeting the Medicine Bow and Sierra Madre Mountain Ranges, for the winter of 2021-2022, began on November 1, 2021 and concluded on April 15, 2022. Wyoming's funds necessary to run the program were appropriated by the 2021 Wyoming State Legislature through the passage of the "2021 Omnibus Water Bill – Construction". This current cloud seeding effort includes funding from other water users, as provided by the City of Cheyenne Board of Public Utilities.

Part of this aerial cloud seeding effort includes targeting the Upper North Platte River Basin (in northern Colorado) through a collaboration between the WWDO and the Jackson County Water Conservancy District in Walden, Colorado. As a collaborative partner for the fourth consecutive year, the Jackson County Water Conservancy District, agrees to fund 100% of operational cloud seeding costs that take place over the Never Summer Mountains in Colorado. In the project contract, there are terms that identify a priority of work, with Wyoming target areas as the first cloud seeding priority before any cloud seeding efforts are considered in Colorado. In order for this project to operate within both states, the contractor has acquired the appropriate weather modification permits from both the Wyoming State Engineer's Office and the Colorado Water Conservation Board.

Cloud seeding operations in the Medicine Bow and Sierra Madre Mountain Ranges for the winter of 2021-2022 focused on snowpack augmentation in the target areas as part of a larger strategy for flow augmentation in the North Platte River Basin and Colorado River Basin (west slope of the Sierra Madre Mountains). It should be noted that no water ownership is implied by this participation, nor is there any expectation of a specific amount of water being delivered downstream, and any additional precipitation and subsequent stream flow that is produced through the program is treated as a natural event, and subject to Wyoming Water Law.

Throughout the 2021-2022 cloud seeding season, the operations contractor prepared operational forecasts, maintained equipment, and conducted all aerial seeding operations. In the Medicine Bow and Sierra Madre Mountains, thirty-eight (38) flights were conducted for a total of 139.01 flight hours, consisting of thirty-three (33) seed, two (2) reconnaissance, and three training and maintenance missions. Of those flight hours, 22.42 hours were conducted over the Medicine Bow Mountain Range and 78.09 over the Sierra Madre Mountain Range. A total of 154,620 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares. In the Never Summer Mountain Range of Colorado, thirteen (13) flights were conducted for a total of 42.98 flight hours. Seeding was conducted during ten (10) of the missions, while the other three (3) missions were reconnaissance. A total of 32,120 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares.

20. **PROJECT:** **Cloud Seeding: Medicine Bow and Sierra Madre Mountain Ranges 2023 (Aerial)**

LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Medicine Bow and Sierra Madre Mountain Ranges (Wyoming), Never Summer Mountain Range (Colorado)
Albany and Carbon Counties (Wyoming); Jackson, Larimer and Grand Counties (Colorado)
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	I	$ 589,000	2021
Level III	113	2020	I	$ 705,000	2022
Level III	12	2021	I	$ 728,000	2023
Level III	93	2022	I	$ 823,490	2024

*Note: Legislative appropriations prior to the 2020 legislative session reference "Weather Modification" as part of the project title instead of "Cloud Seeding".

PROJECT INFORMATION:
Aerial cloud seeding operations targeting the Medicine Bow and Sierra Madre Mountain Ranges, for the winter of 2022-2023, is scheduled to begin on November 8, 2022 and conclude on April 22, 2023. Wyoming's funds necessary to run the program were appropriated by the 2022 Wyoming State Legislature through the passage of the "2022 Omnibus Water Bill – Construction". This current cloud seeding effort includes funding from other water users, as provided by the City of Cheyenne Board of Public Utilities.

Part of this aerial cloud seeding effort includes targeting the Upper North Platte River Basin (in northern Colorado) through a collaboration between the WWDO and the Jackson County Water Conservancy District in Walden, Colorado. As a collaborative partner for the fifth consecutive year, the Jackson County Water Conservancy District, agrees to fund 100% of operational cloud seeding costs that take place over the Never Summer Mountains in Colorado. In the project contract, there are terms that identify a priority of work, with Wyoming target areas as the first cloud seeding priority before any cloud seeding efforts are considered in Colorado. In order for this project to operate within both states, the contractor has acquired the appropriate weather modification permits from both the Wyoming State Engineer's Office and the Colorado Water Conservation Board.

Cloud seeding operations in the Medicine Bow and Sierra Madre Mountain Ranges for the winter of 2022-2023 is focused on snowpack augmentation in the target areas as part of a larger strategy for flow augmentation in the North Platte River Basin and Colorado River Basin (west slope of the Sierra Madre Mountains). It should be noted that no water ownership is implied by this participation, nor is there any expectation of a specific amount of water being delivered downstream, and any additional precipitation and subsequent stream flow that is produced through the program is treated as a natural event, and subject to Wyoming Water Law.

Throughout the 2022-2023 cloud seeding season, the operations contractor will prepare operational forecasts, complete all decision-making processes regarding cloud seeding opportunities, operate and maintain the aircraft, and prepare monthly summaries and a final report. Such operations are expected to increase runoff during Water Year 2023 in the North Platte and Colorado River Basins.

21. **PROJECT:** **Cloud Seeding: Operations Hydrological Assessment Medicine Bow & Sierra Madre Mountain Ranges**

LEVEL: II
SPONSOR: State of Wyoming
LOCATION: Albany and Carbon Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	84	2022	I	$ 300,000	2025

PROJECT INFORMATION:

This project will focus on providing a robust assessment of cloud seeding impacts based on improved modeling and actual aerial seeding event data from the Wyoming Water Development Office's (WWDO) aerial cloud seeding project over the Medicine Bow and Sierra Madre Mountains. The goal of this study is to better quantify the impacts that aerial cloud seeding operations have on precipitation, snowpack and resulting streamflow in the North Platte and Little Snake River Basins. A new assessment of cloud seeding impacts is needed in order to validate the assumption that ongoing aerial operations are indeed producing higher yield than previously thought, as well as providing additional acre feet of water in operational target areas. The assessment Scope of Work is focusing on conducting a retrospective analysis based on one season of the WWDO's aerial cloud seeding program.

22. **PROJECT:** **Cloud Seeding Wind River Mountains 2021-2022**

LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Wind River Mountain Range
Fremont and Sublette Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	I	$ 240,000	2015
Level III	23	2015	I	$ 170,000	2017
Level III	55	2016	I	$ 160,000	2018
Level III	75	2017	I	$ 155,000	2019
Level III	121	2018	I	$ 106,000	2020
Level III	55	2019	I	$ 175,000	2021
Level III	113	2020	I	$ 200,000	2022
Level III	12	2021	I	$ 215,000	2023

*Note: Legislative appropriations prior to the 2020 legislative session reference "Weather Modification" as part of the project title instead of "Cloud Seeding".

PROJECT INFORMATION:

Cloud seeding operations targeting the Wind River Mountain Range in west-central Wyoming, for the winter of 2021-2022, began on November 15, 2021 and concluded on April 15, 2022. Wyoming's 37% share of the funds necessary to run the program were appropriated by the 2021 Wyoming State Legislature through the passage of the "2021 Omnibus Water Bill – Construction". The current effort targeting the Wind River Mountain Range includes the following Lower Colorado River Basin funding partners: the Central Arizona Water Conservation District, the Colorado River Board of California - Six Agency Committee, and the Southern Nevada Water Authority, and the following local funding partners: TATA Chemicals, Rocky Mountain Power Company, and the Green River/Rock Springs/Sweetwater County Joint Powers Water Board.

Cloud seeding operations in the Wind River Mountain Range for the winter of 2021-2022 represent the continuation of an operational program focused on snowpack augmentation in the target area as part of a larger strategy for flow augmentation in the Colorado River Basin. It should be noted that no water ownership is implied by this participation, nor is there any expectation of a specific amount of water being delivered downstream, and any additional precipitation and subsequent stream flow that is produced through the program is treated as a natural event, and subject to Wyoming Water Law.

Throughout the 2021-2022 cloud seeding season, the operations contractor prepared operational forecasts, released soundings, maintained the equipment, and conducted the seeding operations through ten, leased ground-based generators. There were a total of twenty-five (25) seeding events over the Wind River Mountains, and 621.42 gallons of seeding solution were dispensed from all ten generators combined. It should be noted that the project's single east-slope generator ("Enterprise") ran for one of the total seeding missions.

23. PROJECT: Cloud Seeding: Wind River and Sierra Madre Mountain Ranges 2023 (Ground-Based)

LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Wind River and Sierra Madre Mountain Ranges
Fremont, Sublette, and Carbon Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	I	$ 240,000	2015
Level III	23	2015	I	$ 170,000	2017
Level III	55	2016	I	$ 160,000	2018
Level III	75	2017	I	$ 155,000	2019
Level III	121	2018	I	$ 106,000	2020
Level III	55	2019	I	$ 175,000	2021
Level III	113	2020	I	$ 200,000	2022
Level III	12	2021	I	$ 215,000	2023
Level III	93	2022	I	$ 316,000	2024

*Note: Legislative appropriations prior to the 2020 legislative session reference "Weather Modification" as part of the project title instead of "Cloud Seeding".

PROJECT INFORMATION:
Cloud seeding operations targeting the Wind River Mountain Range in west-central Wyoming and west slope of the Sierra Madre Mountain Range in south-central Wyoming, for the winter of 2022-2023, is scheduled to begin on November 8, 2022 and will conclude on April 22, 2023. Wyoming's 37% share of the funds necessary to run the program were appropriated by the 2022 Wyoming State Legislature through the passage of the "2022 Omnibus Water Bill – Construction". The current effort targeting the Wind River and Sierra Madre Mountain Ranges includes the following Lower Colorado River Basin funding partners: the Central Arizona Water Conservation District, the Colorado River Board of California - Six Agency Committee, and the Southern Nevada Water Authority, and the following local funding partners: TATA Chemicals, Genesis Alkalai, Rocky Mountain Power Company, and the Green River/Rock Springs/Sweetwater County Joint Powers Water Board.

Cloud seeding operations for the winter of 2022-2023 represent the continuation of an operational program focused on snowpack augmentation in the target areas as part of a larger strategy for flow augmentation in the Colorado River Basin. It should be noted that no water ownership is implied by this participation, nor is there any expectation of a specific amount of water being delivered downstream, and

any additional precipitation and subsequent stream flow that is produced through the program is treated as a natural event, and subject to Wyoming Water Law.

Throughout the 2022-2023 cloud seeding season, the operations contractor will prepare operational forecasts, release soundings, maintain the equipment, conduct the seeding operations through twelve, leased ground-based generators, and prepare monthly summaries and a final report. Such operations are expected to increase runoff during Water Year 2023 in the Green, Wind/Big Horn and Little Snake River Basins.

24. PROJECT: Cody Canal Rehabilitation 2019

LEVEL: III
SPONSOR: Cody Canal Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 250,000	2006
Level III	105	2006	II	$ 51,590	2016**
Level III	33	2008	II	$ 200,000	2010
Level III	63	2011	II	$ 223,000	2016*
Level III	63	2011	II	$ 50,000	2016***
Level III	141	2013	II	$ 144,000	2018*
Level III	55	2019	II	$ 344,000	2024***

*67% grant, 33% loan
**Water Development Account II Contingency Funds (2011), 67% grant, Cody Canal Chute project.
***100% grant for materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The Cody Canal Irrigation District serves 11,433 acres with a canal system running from the South Fork of the Shoshone River above Buffalo Bill Reservoir to a point several miles northeast of Cody. The system supplies raw water to agricultural uses and urban users as well as supplying a portion of Cody's municipal irrigation water.

The WWDC has provided funding to the sponsor to complete the rehabilitation projects identified in Level II studies. The Cody Canal Rehabilitation Project, which replaced the Sulphur Creek Siphon and Spillway and the Diamond Creek Flume, was completed in 2011. The Cody Canal Chute Project and the Cody Canal Drop Structure Project were both constructed prior to the 2012 irrigation season.

The 2019 phase of construction for Cody Canal converts the Frost and Buchanan laterals from open ditches to concrete pipe. Design and construction of the Buchanan lateral pipeline was completed in Fall and Winter of 2019. Design of the Frost lateral is complete and bidding documents are being generated. Bidding is anticipated in early 2023 with construction to begin in the Fall/Winter of 2023. Funding is for material only and does not provide for design or labor costs.

25. PROJECT: Cody Tank 2017

LEVEL: III
SPONSOR: City of Cody
LOCATION: Park County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	33	2008	I	$ 100,000	2009
Level III	75	2017	I	$ 2,412,000	2022*

*67% grant

PROJECT INFORMATION:

In 2008, the City of Cody received WWDC funding to complete a master plan study. The master plan study was completed in 2009. The study provided infrastructure outline and recommendations for the City to pursue. The City has pursued several infrastructure upgrades on their own, partnered with WWDC on others and is currently looking to partner with WWDC again on a new storage tank located on Beacon Hill in Cody, WY. The tank project was identified in the master plan study.

In 2017, the Sponsor received grant funds from the New Development program in the amount of $2,412,000. This amount is for a 67% grant of the project eligible costs. The Sponsor will provide the remaining project funds. During 2017, the Sponsor secured the services of an engineer and initiated the design process. The design was completed in 2018, the project was bid in 2020 and the project was completed in 2022.

26. PROJECT: Cottonwood Irrigation District Transmission Pipeline 2020

LEVEL: III
SPONSOR: Cottonwood Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	II	$ 165,000	2018
Level III	121	2018	II	$ 834,000	2023*
Level III	113	2020	II	$ 1,540,000	2025*

*67% grant, 33% loan

PROJECT INFORMATION:

Cottonwood Irrigation District (CID) delivers water from Cottonwood Creek through pipelines to irrigate 5,185 acres for 340 landowners. The transmission pipelines are approximately 45 years old, and experience significant corrosion breaks that can disrupt water delivery for a significant amount of time.

This project will replace 5,750 linear feet of existing steel pipelines in portions of Laterals L-6, L-7 and L-27 with PVC pipe. CID relies on these segments of pipeline to provide service to the rest of the district. Observations of the poor condition of the pipe in 2018 and 2019 moved the priority up from what was indicated in the Level I study. Replacement will eliminate water loss due the pipeline breaks, and improve overall irrigation efficiency. In 2021, CID contracted with a consulting engineer for this project, and the design has been completed. The project was advertised for bids in early 2022, but the contract was not awarded because the lowest bid was $625,345 greater than the funding available. In the Fall of 2022, CID requested additional funding from the WWDC; and will re-bid in the Spring of 2023 if the request is approved.

27. PROJECT: Cottonwood Irrigation District Transmission Pipeline 2022

LEVEL: III
SPONSOR: Cottonwood Irrigation District
LOCATION: Lincoln
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	II	$ 165,000	2018
Level III	121	2018	II	$ 834,000	2023*
Level III	113	2020	II	$ 1,540,000	2025*
Level III	93	2022	II	$ 1,600,000	2027*

*67% grant, 33% loan

PROJECT INFORMATION:
Cottonwood Irrigation District (CID) delivers water from Cottonwood Creek through pipelines to irrigate 5,185 acres for 340 landowners. The transmission pipelines are approximately 45 years old, and experience significant corrosion breaks that can disrupt water delivery for a significant amount of time.

This project will replace 3,600 linear feet of existing steel pipelines on Lateral L-7 upstream from the PRV to its junction with Lateral L-22 with PVC pipe. This will complete the replacement of the steel mainlines from the upstream source to the PRV. CID relies on this segment of pipeline to provide service to the rest of the district. Observations of the poor condition of the pipe in 2018 and 2019 moved the priority up from what was indicated in the Level I study. Replacement will eliminate water loss due to the pipeline breaks, and improve overall irrigation efficiency. In 2022, CID submitted the loan paperwork and will start the design of this pipeline. It is anticipated construction will start in the Fall of 2023.

28. PROJECT: Critical Aging Irrigation Infrastructure Assessment

LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Statewide
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	84	2022	II	$ 500,000	2025

PROJECT INFORMATION:
In 2021 the WWDO augmented the bi-annual Irrigation System Survey by adding several new questions that were a direct result of a 2020 legislative interim topic to consider aging infrastructure. The new questions asked irrigation entities to identify structures and conveyances by type and to include information regarding age and condition as well as what challenges the entities are facing. One of the most identified challenges was aging infrastructure. To further understand the issue of critical aging irrigation infrastructure and help decision makers understand the magnitude of the situation the WWDC recommended building upon the 2021 Irrigation System Survey and perform a state-sponsored Level I reconnaissance study to assess the state's critical aging irrigation infrastructure.

The study consists of a thorough review of existing information such as the approximate 120 WWDC Level I and II studies and information from other state and federal agencies; 10 project meetings around the State to gather input from irrigators and irrigation entities; phone calls to irrigation entities that are part of the WWDC Irrigation System Survey; site visits to structures identified by the entities; defining criticality and ranking criteria for comparing structures; and the development of a list of structures ranked by their criticality. Additionally, reconnaissance level cost estimates will be developed for the top structures and potential funding alternatives will be identified.

The statewide meetings have begun and are scheduled to be concluded the middle of November 2022. Consultant dialogue with the irrigation entities have been ongoing as well as site visits to look at critical irrigation structures. The dialogue and site visits are expected to continue well into 2023. The criteria,

for ranking structures, is ongoing as well as the review of existing information. The project is scheduled for completion by the end of 2023.

29. **PROJECT:** **Crystal Bypass Pipeline 2022**
LEVEL: Level III
SPONSOR: Cheyenne Board of Public Utilities
LOCATION: Albany County
PROGRAM: Special Legislation - ARPA

EXISTING AND PRIOR LEGISLATION:
No Prior Special Legislation - ARPA.

PROJECT INFORMATION:
The City of Cheyenne, Board of Public Utilities (BOPU) uses a complex water system that includes trans-basin diversions, water-right exchanges, reservoirs, pipelines, and other infrastructure that spans across Carbon, Albany, and Laramie counties in southeast Wyoming to supply surface and groundwater to approximately 75,000 people in the City and surrounding area. The current BOPU water supply system consists of eight reservoirs and dams, four groundwater wellfields, various pipelines and diversions, and a water treatment facility. Approximately 70% of the City's water is supplied by surface water, while 30% is supplied by groundwater.

This project is for the design and construction of a new 20-inch, 10,471-ft raw water transmission pipeline. The pipeline will bypass Crystal Dam and Reservoir, which all Stage I/II and Middle Crow Creek water must pass through to reach the Sherard Water Treatment Plant (WTP). The proposed pipeline will allow a path for source water to reach the WTP without passing through Crystal Reservoir. This will allow water to bypass the Crystal Reservoir in the event of water contamination from upstream pollutants (e.g., forest fire, contaminant spill, algae blooms, etc.) and allows for additional redundancy to ensure this major water source is usable. In addition, the bypass allows flow to the WTP in case of dam failure or planned maintenance. Crystal Dam is over 100-years old, and based on recent inspection, will likely require outlet works rehabilitation within the next 5-10 years. The BOPU is currently selecting an engineer for the design of this project.

30. **PROJECT:** **Dayton Water Master Plan**
LEVEL: I
SPONSOR: Town of Dayton
LOCATION: Sheridan County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	84	2022	I	$ 167,000	2025

PROJECT INFORMATION:
The Town of Dayton's last water master plan was completed in 2000, and an update is necessary. With the Town's current and expected growth and development, water storage capacity and fire flow in the upper pressure zones is a growing concern. The current storage tank is not able to provide sufficient pressure and fire flow to new development in higher elevation areas. As a result, the booster is constantly running to maintain pressure continuously. The Town's water treatment plant was built in the 1960's and has significantly aging infrastructure. The Town of Dayton requested a Level I water master plan to evaluate the current condition of the Town's water system, identify needs, develop a plan to accommodate

any future growth, evaluate the current components, determine options for increasing efficiency of operations, and provide a schedule for project improvements. This study will be ongoing during 2023.

31. PROJECT: Deaver Irrigation District Frannie Canal Drop Chute #1 2020

LEVEL: III
SPONSOR: Deaver Irrigation District
LOCATION: Park and Bighorn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	168	2015	II	$ 162,000	2018
Level III	75	2017	II	$ 91,000	2022*
Level III	121	2018	II	$ 230,000	2023*
Level III	55	2019	II	$ 424,000	2024*
Level III	113	2020	II	$ 166,200	2025*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The Deaver Irrigation District Master Plan was completed in the fall of 2016. The sponsor received authorization from the 2020 Legislature for a material only project for one of the high priority projects identified in the Master Plan. The project is for the replacement of the Frannie Canal Drop Chute #1. The 100-year-old structure is deteriorating rapidly despite repairs. This drop chute carries the entire District's water supply for the system. The project is being designed and construction is scheduled for the Winter 2022-2023.

32. PROJECT: Deaver ID Rehabilitation 2022

LEVEL: III
SPONSOR: Deaver Irrigation District
LOCATION: Park and Bighorn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	168	2015	II	$ 162,000	2018
Level III	75	2017	II	$ 91,000	2022*
Level III	121	2018	II	$ 230,000	2023*
Level III	55	2019	II	$ 424,000	2024*
Level III	113	2020	II	$ 166,200	2025*
Level III	93	2022	II	$ 816,810	2027**

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.
**30% grant only.

PROJECT INFORMATION:
The Deaver Irrigation District Master Plan was completed in the fall of 2016. This project replaces old pipe and un-piped sections of laterals D52 and D52-11 with new pressurized pipe. This project will save water lost due to seepage and flowing past the end of the ditch. It will also allow for more efficient application of water on the farms once pressurized. A Bureau of Reclamation Water and Energy Efficiency Grant (WEEG) is anticipated to fund the design and 70% of the construction of the project with the WWDC grant covering 30% of the construction costs. Currently, the WEEG funding is nearly secured, which requires an approximate 40% design submittal. Construction is expected in 2023.

33. **PROJECT:** **Douglas Test Well Study**
LEVEL: II
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	I	$ 200,000	2012
Level III	63/55	2011/16	I	$ 9,447,000	2019
Level II	65	2017	I	$ 1,205,000	2020

PROJECT INFORMATION:
The City of Douglas has three water sources to meet its potable water demands including a 2007-2008 renovation of the water treatment plant on the North Platte River. The City has experienced significant growth in Coal, Oil & Gas, Uranium, Wind Turbine, and Pipeline corridor industries active and with future development potential in Converse County. Currently, summer demands are equal to the combined yields of the Little Boxelder Spring and the Sheep Mountain No. 1 Well. 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, therefore a supplemental ground water supply source would provide certainty in meeting high demand periods.

A well siting exercise has been completed. During 2022, temporary easements for access and test drilling were obtained. In addition, relevant drilling and construction permits were obtained and a cultural survey was performed. The project will continue into 2023.

34. **PROJECT:** **Dowlin Diversion Rehabilitation**
LEVEL: II
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	74	2014	I	$ 250,000	2017
Level I	168	2015	I	$ 375,000	2018
Level II	84	2022	II	$ 110,000	2025

PROJECT INFORMATION:
The project is located in the Laramie Basin approximately 12 miles southwest of the community of Laramie. The source of water for the Dowlin Diversion is the northeasterly flowing Laramie River. The service area for the project includes 2500 irrigated acres. The City acquired their original holdings in 1981 with the long-term plan of providing municipal water supplies for approximately 7000 homes.

The existing diversion was constructed over 100 years ago. Rehabilitation of the diversion will improve efficiency and reliability of water delivery, enhance operational safety of both the diversion and intake (especially during high water), reduce major and routine maintenance, and provide for fish passage. Work to date has included water rights research and evaluating options for diversion placement on site or upstream. This project was ongoing in 2022 and will continue in 2023.

35. **PROJECT:** **Dry Creek Irrigation District Pipeline Replacement 2020**
LEVEL: III
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	II	$ 150,000	2018
Level III	75	2017	II	$ 670,000	2022*
Level III	55	2019	II	$ 1,628,000	2024*
Level III	113	2020	II	$ 1,340,000	2025*

*67% grant, 33% loan

PROJECT INFORMATION:
The Dry Creek Irrigation District (DCID) is located in Star Valley just south of Afton, Wyoming. The District delivers water to approximately 3,600 acres for 230 landowners, and is experiencing increased failures of the steel pipe that has been in the ground for more than 40 years.

The Dry Creek Irrigation System was installed in the 1970s and has functioned well but is now showing indications of failure in the steel pipelines. Inspection and condition assessment completed as part of the Master Planning effort suggests all of the 19 miles of steel pipelines are experiencing significant corrosion. It is recommended that all steel lines be replaced. Because this would be too expensive for the District to replace all of the pipelines at once, the master planning included prioritization of pipeline segments so that the District could accomplish a phased replacement based on affordability of rates.

This project is to replace 8,780 linear feet of pipe associated with LS-2 and LS-2B segments as outlined in the 2016 Level II DCID Infrastructure Master Plan. The overall project is in its third phase of Level III construction. In late 2021, DCID bid and awarded the project. The contractor ordered materials but delivery was delayed due to supply chain issues. Construction started in late September 2022 and is currently completing the field work with substantial completion anticipated in November 2022.

36. **PROJECT:** **Dry Creek Irrigation District Pipeline Replacement 2022**
LEVEL: III
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	II	$ 150,000	2018
Level III	75	2017	II	$ 670,000	2022*
Level III	55	2019	II	$ 1,628,000	2024*
Level III	113	2020	II	$ 1,340,000	2025*
Level III	93	2022	II	$ 1,850,000	2027*

*67% grant, 33% loan

PROJECT INFORMATION:
The Dry Creek Irrigation District (DCID) is located in Star Valley just south of Afton, Wyoming. The District delivers water to approximately 3,600 acres for 230 landowners, and is experiencing increased failures of the steel pipe that has been in the ground for more than 40 years.

The Dry Creek Irrigation System was installed in the 1970s and has functioned well but is now showing indications of failure in the steel pipelines. Inspection and condition assessment completed as part of the Master Planning effort suggests all of the 19 miles of steel pipelines are experiencing significant corrosion. It is recommended that all steel lines be replaced. Because this would be too expensive for the District to replace all of the pipelines at once, the master planning included prioritization of pipeline segments so that the District could accomplish a phased replacement based on affordability of rates.

This project is to replace 2,300 linear feet of pipe associated with L-0 and 5,100 linear feet of L-0A segments as outlined in the 2016 Level II DCID Infrastructure Master Plan. The overall project is in its fourth phase of Level III construction. DCID has a signed Owner-Engineer agreement and design has started. Bidding is anticipated in late April/Early May 2023 with construction during the Winter 2023/Spring 2024.

37. **PROJECT:** **Eden Valley Irrigation District Farson Lateral 2020**
LEVEL: III
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	113	2020	II	$ 2,262,000	2025*

*60% grant only

PROJECT INFORMATION:
The Eden Valley Irrigation and Drainage District (EVIDD) serves approximately 16,895 agricultural acres in Sweetwater County, Wyoming near the towns of Eden and Farson. EVIDD receives water from the Big Sandy and Little Sandy Rivers and has storage in the Big Sandy and Eden Reservoirs. EVIDD typically provides 42,000 acre-feet of water through open canals and pipelines to the local crop and livestock producers in the area. The 2020 Level III project includes converting 6,100 feet or open canal to 63-inch HDPE pipe.

The design phase is completed and the project was bid. However, the bids received were well above the estimate and the bids were rejected with plans to rebid in 2022 when the bidding environment was hoped to be better. The EVIDD came to the Commission with a request to reduce materials on the project due to concerns of excessive pricing prior to re-bidding the project. The Commission approved the request, and the EVIDD re-bid the project in the spring of 2022. The lowest bidder was awarded the project. A preconstruction conference was held in August, and the contractor will begin construction in the fall of 2022. The length of canal removed from the project will be added to the next phase.

38. **PROJECT:** **Eden Valley Irrigation District System Improvements 2019**
LEVEL: III
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	II	$ 351,000	2024*

*54% grant only

PROJECT INFORMATION:
The Eden Valley Irrigation and Drainage District (EVIDD) serves approximately 16,895 agricultural acres in Sweetwater County, Wyoming near the towns of Eden and Farson. EVIDD receives water from the Big Sandy and Little Sandy Rivers and has storage in the Big Sandy and Eden Reservoirs. EVIDD typically provides 42,000 acre-feet of water through open canals and pipelines to the local crop and livestock producers in the area. The 2019 Level III project includes lining 1,100' of the Eden Canal with PVC liner protected with 5 inches of fiber reinforced shotcrete as well as replacing the existing sand trap. The reconstruction of the sandtrap includes a concrete basin to retain the sand and piping to return flush water to the canal. Currently the water from the sandtrap is being lost to the system. The design phase is completed and the project was bid. However, the bids received were well above the estimate and the bids were rejected with plans to rebid in 2022 when the bidding environment is hoped to be better. The EVIDD did not re-bid this project in 2022 due to the volatility of the 2022 bidding atmosphere. Currently, the plan is to re-bid the project in the spring/summer of 2023 with construction occurring during the winter of 2023/2024.

39. **PROJECT:** **Enterprise Watershed Improvement District Canal Lining 2020**
LEVEL: III
SPONSOR: Enterprise Watershed Improvement District
LOCATION: Fremont
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	85	2007	II	$ 100,000	2008
Level III	113	2020	II	$ 610,000	2025*

*67% grant / 33% loan

PROJECT INFORMATION:
The Enterprise Watershed Improvement District irrigation system, south of Lander, Wyoming, is a trans-basin system that diverts water from the Middle Popo Agie River watershed and applies it to lands in the Little Popo Agie River basin. This ditch is within the jurisdiction of the Enterprise Watershed Improvement District, which is the Sponsor for this project. The District has a direct flow diversion right of 21.2 cfs from the Roaring Fork River. The water is diverted from a headgate into a canal, and the system includes the Frye Lake storage facility, which can store 1,697 acre-feet.

This project is to convert 4,600 feet of open ditch within the Sawmill reach of the Enterprise Ditch to pipeline. The Enterprise Conservation Program Level II study identifies the Sawmill reach as the top priority for the district to improve water supply and delivery. The project is currently in the design phase.

40. **PROJECT:** **Etna Storage Tank 2019**
LEVEL: Level III
SPONSOR: Etna Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	043	1992	II	$ 180,000	1997
Level III	028/038	1994/98	I	$ 690,000	2002*
Level III	55	2019	II	$ 1,001,650	2024*

*67% grant

PROJECT INFORMATION:

Etna Water and Sewer District's (District) water system source supply is the Lee Spring in Strawberry Creek canyon and the Etna Well No. 1. From the spring, water gravity flows 1 mile via 6" transmission line to a 250,000-gallon buried storage tank. From the storage tank water flows 1½ miles via 8" transmission line into the Etna distribution system consisting of approximately 16,000 feet of 4" and 8" water lines. The well ties into the system between the storage tank and the distribution system.

The District's storage concerns stem from allocated system connections (existing and future) which exceed the existing storage. The District cannot approve new taps with the current storage capacity. In order for future average and maximum daily demand requirements plus required fire storage to remain within Wyoming DEQ Chapter 12 design standards, the District requires storage component expansion. This project provides a 67% grant for the installation of a 500,000-gallon storage tank adjacent to the existing 250,000-gallon tank as additional storage capacity. The District will be responsible for the remaining 33% of the project cost. The project is essentially complete, with the exception of the punch list, final billing, and closeout documentation from the District.

41. PROJECT: Ethete Water Supply

LEVEL: III
SPONSOR: Northern Arapaho Tribal Business Council
LOCATION: Fremont County, Wind River Indian Reservation
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	34	2004	I	$ 700,000	2006
Level II	99	2006	I	$ 605,000	2009
Level III	121	2007	I	$ 3,200,000	2012*
Level II	33	2008	I	$ 685,000	2010
Level III	68	2010	I	$ 2,000,000	2015**
Level III	23	2015	I	$ 0	2018†
Level III	55	2016	I	$ 2,247,850	2021
Level III	121	2018	I	$ 0	2021†
Level III	12	2021	I	$ 0	2023†

*2008 reverted back to WWDC
**50% grant, 50% sponsor
†Time extension only

PROJECT INFORMATION:

The Ethete area water system (operated by Northern Arapaho Utilities) relies solely upon highly variable (in both quantity and quality) surface water diverted from the Little Wind River. Low flows, due to irrigation demands in the summer and natural low flows in the winter often leave Arapaho Utilities (NAU) unable to divert enough water to meet domestic water needs. High turbidities during runoff and after the South Fork II fire (June 2002) have also caused significant operational problems, which reinforces the need for a reliable ground water source.

In 2004, WWDC funding was acquired to investigate the feasibility of developing available groundwater resources; drill test wells at locations identified in the feasibility study; and develop a master plan for Northern Arapaho Utilities to prioritize needed infrastructure improvements. Additional funding was requested in 2006 to drill a Madison formation well.

In 2007, the WWDC recommended the project be continued in the New Development Program at Level III with an appropriation of $3,200,000. The legislature approved the appropriation at 67% grant and

33% loan. The proposed Level III project included construction, pipeline, materials, and appurtenances necessary for incorporation of the Level II test well into the existing NAU water supply system that serves the community of Ethete and the surrounding area. Upon completion of the Madison well on Sage Creek Anticline in March 2007, it was determined that flows and water quality would not meet the minimum requirements for the sponsor's needs and the well was subsequently plugged and abandoned. In 2008, Level III funds were reverted and the WWDC and NAU began consideration of other options.

Secondary source supply exploration was deemed feasible from two additional aquifer systems. The Wind River Formation is the source supply to the City of Riverton, Town of Shoshoni, and the community of Arapahoe, and therefore held promise in its proximity to Ethete. The other alternative was the broad alluvial sand/gravel sequence identified in the valley of the Little Wind River. Test drilling of the Wind River Formation was completed in late 2008 and test drilling of Little Wind River alluvial deposits occurred in summer of 2009. Adverse water quality conditions (high radionuclides – Ra 226 + Ra 228) precluded development of the Wind River Formation aquifer, but adequate water quantity and quality conditions were discovered in the alluvial test wells just north of the Fremont County District 21 Elementary/Middle School in the Little Wind River valley.

In 2010, the legislature approved Level III funding for the development of an alluvial well field and transmission pipeline to the existing Ethete water treatment plant.

Late in 2013, the Northern Arapaho was able to provide a positive audit to Rural Development (USDA) in order to obtain the remaining funds for the project.

The sponsor has completed the design and the construction of several smaller portions of the project. The high service pumps at the water treatment plant were completed late 2017. The Ethete Leak Detection investigation and report was completed and presented to the Sponsor in 2017. The sponsor also completed a non-WWDC project to provide water meters and backflow preventers in 2017. In late 2018, the sponsor completed the water tank rehabilitation.

A test well has been completed and the final well field has been bid and should be completed in early 2023. The Sponsor has requested that the transmission line portion of the project be removed and the remaining project be completed with the available funding. The Sponsor will then apply to both the WWDC and the USDA Rural Development for funding to build the transmission line at a later date.

42. **PROJECT:** **Evanston Transmission Pipeline 2022**
LEVEL: Level III
SPONSOR: City of Evanston
LOCATION: Uinta County
PROGRAM: Special Legislation - ARPA

EXISTING AND PRIOR LEGISLATION:
No Prior Special Legislation - ARPA.

PROJECT INFORMATION:
The City of Evanston receives its raw water from Sulphur Creek Reservoir or a direct flow intake on the Bear River, both located south of the city. The raw water is conveyed from the reservoir and intake through separate 36-inch transmission lines to a diversion box. From the diversion box, a 30-inch line conveys the raw water about 10 miles north to the water treatment plant located in the city. The distribution system consists of eight buried cement storage tanks that range in capacity from 80,000 to 1,000,000 gallons.

This project will install a new dedicated transmission pipeline from the treatment plant to an existing tank. The transmission pipeline will be installed in a new alignment so as to avoid disruption of existing service

and allow the existing transmission pipeline to be converted to solely distribution from the tank. The City is currently selecting an engineer for the project.

43. PROJECT: Fontenelle Dam & Outworks Infrastructure Completion

LEVEL: II
SPONSOR: State of Wyoming
LOCATION: Lincoln and Sweetwater Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	38	2016	I	$ 200,000	2019
Level II	94	2018	I	$ 750,000	2021
Level II	11	2021	I	$ 0	2024*

*Time Extension of 2018 Appropriation

PROJECT INFORMATION:

Fontenelle Dam, located on the Green River in Southwest Wyoming, is a 139 foot tall dam with a total capacity of 345,360 acre-feet. Originally constructed as part of the U.S. Bureau of Reclamation's Seedskadee Project, the facility regulates Green River flows and stores water that is currently used for power generation, fish and wildlife, and recreation. Irrigation, municipal, and industrial are also permitted uses, but are not currently exercised.

From Leading the Charge, Wyoming Water Strategy, Governor Mathew H. Mead, 2015, Water Development Initiatives:

Capacity to store and beneficially use water is a protection to the state, municipalities, business, and individuals. It makes use in the future possible. An accessible pool of stored water provides assurance that commitments can be met to deliver water to other states as agreed to by compact.

Fontenelle Dam has 346,000 acre-feet of storage. Two factors limit the utility of the structure to realize its capacity to maximize beneficial use: lack of armoring to protect the lower interior dam face and lack of requisite infrastructure to utilize stored water. Completion of the dam and updating of infrastructure could potentially allow from 100,000 to 200,000 acre-feet of usable storage to be accessed on the Upper Green, without noticeable change to the environmental footprint of the development. This initiative will state the planning, permitting, and collaborative agreements necessary to realize the full potential of this asset.

A Level II feasibility study, which was approved by the Legislature during the 2016 Budget Session, analyzed the feasibility of making 80,796 acre-feet of currently inactive capacity usable. The State of Wyoming is also currently considering options for leasing the remainder of the active capacity (139,000 acre-feet) that is available for contract from the U.S. Bureau of Reclamation (Reclamation). A separate effort will investigate this contracting opportunity. In order to address the practicality of making this inactive capacity available for use, the project investigated the feasibility associated with adding riprap, or other armoring, to a portion of the submerged dam face from approximately elevation 6,460' to the top of the dead pool at elevation 6,408'. Furthermore, the project identified potential environmental impacts that would result from project implementation. The project considered construction sequencing, potential power generation impacts, functionality of the existing outlet works, permitting, and interagency coordination.

While the Water Strategy does not define a particular future use for the additional active storage, there may be a variety of potential uses that could benefit the State of Wyoming. At this time, it appears that

the most feasible option is to utilize the storage to mitigate a Colorado River curtailment scenario and, perhaps offset a curtailment of consumptive use in Wyoming. A key component of the project was interagency coordination. Representatives from Reclamation, Wyoming State Engineer's Office, U.S. Fish and Wildlife Service, Wyoming Game and Fish Department, U.S. Bureau of Land Management, and Trout Unlimited were included in meetings to facilitate project development and ensure collaboration.

The Level II feasibility project was wrapped up with a final report that was published in December, 2018. Ultimately, the recommended approach to protecting the submerged dam face was to place traditional riprap material "in the wet" with an estimated implementation cost of $15.3M (~$16.5M estimated 2020 cost). However, toward the conclusion of the Level II feasibility study in late 2018, Reclamation suggested the potential for an "extreme event alternative". This alternative proposed that it may be possible to draw down the reservoir with the submerged dam face unprotected as a temporary solution in the event of an extreme drought.

During the 2018 Legislature, an additional $750,000 was appropriated to continue evaluating the WWDC Level II study concepts with Task Orders for Risk Assessment, Design, and NEPA under the existing Reclamation Technical Service Agreement 15-WC-40-599. Since the completion of the WWDC Level II study, Reclamation has completed the Risk Assessment Task Order analyzing the risks associated with drawing down the reservoir below the riprap elevation. Some of the results of the Risk Assessment are as follows:

- There are no new potential failure modes (PFMs) and any effects to risk neutrality can be mitigated.
- Riprap does not need to be placed prior to drawdown.
- One occurrence for 1-year is acceptable with repairs to embankment erosion.
- Multiple occurrences or a duration >1-year will require riprap extension.
- Any damage to the embankment needs to be repaired or riprap needs to be extended.

Design of the riprap extension remains to be completed. Current work includes discussions on development of contracts for all uncontracted water within Fontenelle Reservoir. Furthermore, the Design, NEPA and contracting processes for eventual riprap placement are being worked through. Based on the Level II Study and subsequent discussion, it is felt there will be sufficient forewarning of a curtailment. However, when it is necessary to armor the unprotected portion of the dam face upon drawdown at the time of the extreme drought event, plans and specifications will need to be in place, NEPA will need to have been completed and Reclamation's procurement and construction contracting process will need to be on standby.

44. **PROJECT:** **Fontenelle Reservoir Storage**
LEVEL: II
SPONSOR: State of Wyoming
LOCATION: Lincoln and Sweetwater Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	84	2022	I	$ 1,700,000	2025

PROJECT INFORMATION:
Fontenelle Dam, located on the Green River in Southwest Wyoming, is a 139 foot tall dam with a total capacity of approximately 345,000 acre-feet. Originally constructed as part of the Bureau of Reclamation's Seedskadee Project, the facility regulates Green River flows and stores water that is currently used for power generation, municipal and industrial purposes, fish and wildlife, and recreation.

This project will build off of the previously funded Fontenelle Dam and Outworks Infrastructure Completion, Level II Study which investigated the feasibility of armoring of the interior dam face of Fontenelle and subsequently completed a risk analysis through Reclamation's Technical Service Center to determine the potential for erosion of the embankment and the acceptable frequency and duration of exposure before armoring would be necessary. The risk analysis was initiated to support the concept that should access to the bottom portion of Fontenelle Reservoir only be necessary during an extreme drought event (Colorado River Curtailment), it may be possible to draw the reservoir down with the dam face unprotected, as a temporary solution. The risk analysis determined there were no new potential failure modes (PFMs) and any effects to risk neutrality can be mitigated. Furthermore, regarding slope protection below El. 6460.0, riprap does not need to be placed prior to drawdown; one drawdown occurrence for 1-year is acceptable with repairs to embankment erosion; multiple drawdown occurrences or a duration >1-year will require riprap extension; and any damage to the embankment needs to be repaired or riprap needs to be extended. Design of the riprap extension remains to be completed.

Since the completion of the risk analysis, the Water Development and State Engineer's Office have been in discussions with Reclamation about acquiring additional uncontracted active and inactive capacities within Fontenelle Reservoir and to understand authorities, provisions of use, allowed beneficial uses and priorities, payment conditions, etc. The 2022 Session appropriation has been utilized to enter into a contributed funds agreement (CFA) with Reclamation to complete research, conduct technical meetings, carry out NEPA analyses, and to modify existing and/or create new contracts. NEPA would be carried out to include operational changes leading into an extreme drought event, use of the inactive pool without armoring, contracting of the water, and the potential riprapping of the dam face in coordination with the drawdown. It should be noted that the NEPA budget is a significant portion of the overall request and as discussions continue and further information is gathered, NEPA requirements could require additional budget.

45. **PROJECT:** **Gillette Madison Pipeline**
LEVEL: III
SPONSOR**:** City of Gillette
LOCATION: Campbell County
PROGRAM: Special Legislation

EXISTING AND PRIOR LEGISLATION:

Session	Chapter	Grant (67%) Appropriation	Account	Loan (33%) Appropriation	Account	Total
2009	103	$ 11,222,500	Budget Reserve	$ 5,527,500	Permanent Mineral Trust	$ 16,750,000
2010	115	$ 16,415,000	WDA III	$ 8,085,000	Permanent Mineral Trust	$ 24,500,000
2011	61	$ 6,960,430	General Fund			
	61	$ 25,402,070	AML	$ 15,939,739	Permanent Mineral Trust	$ 48,302,239
2012	26	$ 6,975,000	General Fund			
	27	$ 23,025,000	AML	$ 14,776,119	Permanent Mineral Trust	$ 44,776,119

2013	156	$ 30,000,000	AML	$	0*	$ 30,000,000
2014	26	$ 13,385,995	SIPA	$	0*	
	26	$ 12,406,005	AML	$	0*	$ 25,792,000
2015	142	$ 0		$	0	$ 0**
TOTAL		$145,792,000		$ 44,328,358		$ 190,120,358

*33% funding from the Campbell County Capital Facilities Tax
**Time extension only

PROJECT INFORMATION:
This project will provide water regionally to the City of Gillette and to approximately forty-three districts in Campbell County. Water for the regional system is supplied from five Madison wells located north of Moorcroft, WY. The major components of the Gillette Madison Water Supply include of the following:

1. Approximately 50 miles of transmission pipeline ranging in size from 36-inch to 42-inch diameter

2. Power transmission system upgrades and booster pump station near Rozet

3. New electrical system, disinfection facility and storage tanks at the Pine Ridge well field site

4. Transmission system that will serve the design year 2040 population of 57,562 for the Gillette Regional Area and provide an additional 16,000-gpm (23 MGD) to the regional water system.

5. New Madison Formation Well Field with five (5) initial new wells capable of producing 1,400-gpm each and ultimately, 12 new wells to be developed over the next thirty years as water demands increase.

6. Treated water storage tanks in Campbell County and transmission pipeline stub-outs to accommodate future regional extensions to serve existing and future demands for over 40 recognized water districts and subdivisions not currently receiving city water.

The City of Gillette completed a Level I study that included conceptual pipeline designs and budget-level cost estimates to connect regional customers not currently served by the City of Gillette. The Level I study estimated extension design and construction costs at $60 million to extend water service to regional customers.

The City of Gillette and Campbell County Elected Officials executed a Joint Powers Agreement (JPA) and held a special election on May 3, 2011 to secure a capital facilities tax for the project. The residents of Campbell County passed the capital facilities tax by a vote of 3,554 to 721. In October 2014, the JPA Water Rates Panel established wholesale water rates for the regional system.

The City of Gillette has completed construction of the two Madison formation test wells, including well houses and permanent pump equipment, and the well field piping. All of the transmission pipelines are constructed as well as the Madison pump station and Pine Ridge disinfection facility.

Projects currently under construction include Contract 4a – three new Madison production wells, and Contract 2b – Well field piping, pumps and equipment. Additionally, the City of Gillette still needs to bid Contact 2c to connect M13, M14 and M15 wells to the well field transmission pipeline system.

The City received Discharge Permits from the Wyoming DEQ, and started to pump testing wells M13, M14 and M15, but the 30-inch transmission line that carried the discharge from the pump tests ruptured in May of 2021. The project has been shut down while the City works with its contractors to repair the transmission line, which delayed the project. In Spring of 2022, a time extension amendment to extend the reversion date to July 1, 2024, was executed; and the City issued a work change directive for the construction contract to change the discharge point for well testing and to resume testing. In the Fall of 2022, a Change Order was issued to pay for the changes in the work change directive and increase the contract time. It is now anticipated that well testing will be completed in the Spring of 2023, and well pump design will follow.

46. **PROJECT:** **Gillette Regional Extensions 2017**
LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	88	2008	I	$ 350,000	2011
Level II	57	2012	I	$ 500,000	2015
Level III	75	2017	I	$ 361,800	2022*
Level III	121	2018	I	$ 2,391,900	2022†
Level III	55	2019	I	$ 0	2022††

*67% grant only.
† 67% grant only. The 2017 appropriation of $361,800 was increased by $2,030,100 to $2,391,900.
††Language was added to the legislation stipulating Crook County residents can connect to the 8-inch and 12-inch pipeline at Pine Ridge. City of Gillette wholesale water rates and connection fees for Crook County users will be similar to those as Campbell County users. Future water districts adjacent to the indicated pipelines shall have the opportunity to connect to the water system. New users shall be limited to 40,000 gallons per month for rural domestic use and 80,000 gallons per month for municipal use (including stock use) during the city's high demand months of June, July, August and September.

PROJECT INFORMATION:
The Level I Gillette Regional Master Plan was completed in 2010. The plan identified three (3) necessary components of the regional water project.

1. The Gillette Madison Pipeline Project serves as the mainframe water supply infrastructure that provides water to the service area, which includes the City of Gillette and surrounding rural water districts.

2. The Gillette Regional Extensions provide the pipeline extensions from the mainframe water supply system needed to serve the rural water districts.

3. The Gillette Regional Connections provide the infrastructure needed for the direct connections of the rural water districts to the extensions.

The 2008 Level I study estimated the total cost of the extension projects at approximately $60M. The 2012 Level II appropriation evaluated Antelope Valley I&SD, Bennor Estates I&SD, Freedom Hills I&SD and the South Fork Estates I&SD water systems.

In 2017, the Legislature appropriated $361,800 for the Gillette Regional Extension 2017 project. This project represents the third Gillette regional extensions project funded by the Legislature. The 2017 appropriation is for project design, permitting and land acquisition for the Meadow Springs Improvement and Service District, American Road Water and Sewer District, Freedom Hills Improvement and Service District and the Crestview Improvement and Service District.

In 2018, the Legislature appropriated an additional $2,030,100 to the project for construction. The project is currently under design, and has been delayed by efforts to obtain easements. In 2021, the City of Gillette requested a two-year time extension of the reversion date to complete the project by July 1, 2024. In the Fall of 2022, the City requested an amendment to increase the budget $1,132,300, and extend the reversion date to July 1, 2025. The WWDO recommendation for the 2023 Omnibus Water Construction bill is to extend the project to the requested date, but not to increase the budget until the final design is completed with an updated cost estimate.

47. **PROJECT:** **Gillette Regional Extensions – Phase II**
LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	88	2008	I	$ 350,000	2011
Level III	55	2016	I	$ 562,800	2021*
Level III	75	2017	I	$ 2,237,800	2021†

*67% grant only.
†67% grant only. The 2016 appropriation of $562,800 was increased by $1,675,000 to $2,237,800

PROJECT INFORMATION:
The Level I Gillette Regional Master Plan was completed in 2010. The master plan identified three (3) necessary components of the regional water project.

1. The Gillette Madison Pipeline Project serves as the mainframe water supply infrastructure that provides water to the service area, which includes the City of Gillette and surrounding rural water districts.

2. The Gillette Regional Extensions provide the pipeline extensions from the mainframe water supply system needed to serve the rural water districts.

3. The Gillette Regional Connections provide the infrastructure needed for the direct connections of the rural water districts to the extensions.

The 2010 Level I study estimated the total cost of the extension projects at approximately $60M.

In 2016, the Legislature appropriated $562,800 for the Gillette Regional Extensions – Phase II project. This project represents the second Gillette regional extensions project funded by the Legislature. The 2016 appropriation is for the project design, permitting and land acquisition to connect the Eight Mile Improvement & Service District, Stone Gates Estates and Rocky Road to the regional water supply

system. In 2017, the Legislature appropriated an additional $1,675,000 to the project for the connection of the Eight Mile and Stone Gate Estates Improvement & Service Districts to the Gillette water system. HDR was contracted for a total of $322,590.50 to provide engineering services for the Eight Mile Improvement & Service District at a cost of $171,173.00 for design and $151,417.50 for construction management. Hot Iron, Inc. contracted the construction of the project for a total of $1,152,590.75. DOWL was contracted for a total of $177,665.00 to provide engineering services for the Stone Gate Estates at a cost of $118,745.00 for design and $58,920.00 for construction management. Hot Iron, Inc. contracted the construction of the project for a total of $730,200.85. The project was completed in 2021 with a total grant expenditure of $1,568,206.16.

48. PROJECT: Gillette Regional Extensions Phase IV - 2018

LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	88	2008	I	$ 350,000	2011
Level II	38	2016	II	$ 65,000	2019
Level II	38	2016	II	$ 130,000	2019
Level III	121	2018	I	$ 1,809,000	2023*
Level III	55	2019	I	$ 0	2023**

*67% grant

**Language was added to the legislation stipulating Crook County residents can connect to the 8-inch and 12-inch pipeline at Pine Ridge, City of Gillette wholesale water rates and connection fees for Crook County users will be similar to those as Campbell County users, future water districts adjacent to the indicated pipelines shall have the opportunity to connect to the water system, new users shall be limited to 40,000 gallons per month for rural domestic use and 80,000 gallons per month for municipal use (including stock use) during the city's high demand months of June, July, August and September.

PROJECT INFORMATION:

The Level I Gillette Regional Master Plan was completed in 2010. The plan identified three (3) necessary components of the regional water project.

1. The Gillette Madison Pipeline Project serves as the mainframe water supply infrastructure that provides water to the service area, which includes the City of Gillette and surrounding rural water districts.

2. The Gillette Regional Extensions provide the pipeline extensions from the mainframe water supply system needed to serve the rural water districts.

3. The Gillette Regional Connections provide the infrastructure needed for the direct connections of the rural water districts to the extensions.

The Level I study estimated the total cost of the extension projects at approximately $60M. The 2016 Level II studies evaluated the Buckskin Improvement and Service District and Fox Ridge Improvement and Service District's water systems. Recommendations from the Level II studies included connecting to the Gillette Regional Water Supply system.

In 2018, the Legislature appropriated $1,809,000 for the Gillette Regional Extensions Phase IV – 2018 project. This project represents the fourth Gillette regional extensions project funded by the Legislature.

The 2018 appropriation is for project design, permitting, land acquisition and construction for the Fox Ridge and Rozet Ranchettes Improvement and Service Districts. The City of Gillette completed the Rozet Ranchettes Improvement & Service District design and construction at a cost of $418,000, and has hired an engineer for the Fox Ridge Improvement & Service District part of the project, which is currently under design. In the Fall of 2022, the City made an amendment request for an additional $252,000 and a two-year project extension. For the 2023 Omnibus Water Construction bill, the WWDO is recommending to extend the reversion date for the project to July 1, 2025; but not to provide additional funding until the design has been completed with an updated cost estimate.

49. **PROJECT:** **Gillette Regional Extensions Phase V - 2020**
LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	88	2008	I	$ 350,000	2011
Level II	38	2016	II	$ 65,000	2019
Level II	38	2016	II	$ 130,000	2019
Level III	113	2020	I	$ 3,088,700	2025

PROJECT INFORMATION:
The Level I Gillette Regional Master Plan was completed in 2010. The plan identified three (3) necessary components of the regional water project.

1. The Gillette Madison Pipeline Project serves as the mainframe water supply infrastructure that provides water to the service area, which includes the City of Gillette and surrounding rural water districts.

2. The Gillette Regional Extensions provide the pipeline extensions from the mainframe water supply system needed to serve the rural water districts.

3. The Gillette Regional Connections provide the infrastructure needed for the direct connections of the rural water districts to the extensions.

The Level I study estimated the total cost of the extension projects at approximately $60M. The 2014 Means First Extension Master Plan/Gillette Regional Connection Level II Study evaluated the Means Improvement and Service District District's water system. Recommendations from the Level II studies included connecting to the Gillette Regional Water Supply system.

In 2020, the Legislature appropriated $3,088,700 for the Gillette Regional Extensions Phase V – 2020 project. This project represents the fifth Gillette Regional Connection project funded by the Legislature. The 2020 appropriation is for project design, permitting, land acquisition and construction of the Means Water and Sewer District and the Gillette Campbell County Airport transmission pipeline extension and connections. The project is currently under design.

50. **PROJECT:** **Gillette Regional Extensions Phase VI - 2022**
LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: Special Legislation – ARPA

EXISTING AND PRIOR LEGISLATION:
No Prior Special Legislation - ARPA.

PROJECT INFORMATION:
The Level I Gillette Regional Master Plan was completed in 2010. The plan identified three (3) necessary components of the regional water project.

1. The Gillette Madison Pipeline Project serves as the mainframe water supply infrastructure that provides water to the service area, which includes the City of Gillette and surrounding rural water districts.

2. The Gillette Regional Extensions provide the pipeline extensions from the mainframe water supply system needed to serve the rural water districts.

3. The Gillette Regional Connections provide the infrastructure needed for the direct connections of the rural water districts to the extensions.

The Level I study estimated the total cost of the extension projects at approximately $60M. The 2012 Gillette Regional Connections 2 Level II Study evaluated the People's Improvement and Service District District's water system. Recommendations from the Level II study included connecting to the Gillette Regional Water Supply system.

In 2022, the Legislature appropriated $1,125,600 for the Gillette Regional Extensions Phase VI – 2022 project. This is the sixth regional extension project and will provide design, right of way acquisition, permitting, and construction to connect the Stroup, Eagle Ridge, and People's Improvement and Sewer Districts to the Gillette Regional Water Supply Project. The City is currently looking for an engineer to design the project.

51. PROJECT: Gillette Water System Improvements

LEVEL: II
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	88	2008	I	$ 350,000	2011
Level II	57	2012	I	$ 500,000	2015
Level III	14	2012	I	$ 703,500	2017
Level III	141	2013	I	$ 5,494,000	2018
Level III	100	2014	I	$ 234,500	2018
Level III	55	2016	I	$ 562,800	2021
Level III	75	2017	I	$ 361,800	2022
Level III	75	2017	I	$ 1,675,000	2022
Level III	121	2018	I	$ 2,030,100	2022
Level III	121	2018	I	$ 1,809,000	2023
Level III	Multiple	Multiple	I	$ 190,120,358	Varies
Level II	11	2021	I	$ 150,000	2024

PROJECT INFORMATION:
The City of Gillette is located in Campbell County and resides within the Powder River Basin. The City has a population of 31,903 people and they are served through 10,953 taps within the service area and 13 taps outside of the service area. The water system is supplied with groundwater from 28 wells completed into the Madison Limestone, Fox Hills Sandstone, and Fort Union Formation. Water storage includes raw water in 2 tanks with a total capacity of 1.9 million gallons and treated water in 10 tanks with a total capacity of 23.3 million gallons. A 42-mile transmission pipeline system (30" & 42" pipelines) transfers water from the Madison Well Field to Gillette. The Gillette water system is a regionalized system that serves several adjacent water systems and users. The City of Gillette serves three pressure zones within its water system, in addition to regional water service provided to surrounding water districts at a variety of different elevations.

The City of Gillette requested a Level II feasibility study to improve water storage and operations of the City's water system and to incorporate the existing wells and storage of the Antelope Valley water system into the City's system in the future. The Consultant was given notice to proceed April 2021.

The study was completed in September of 2022 with five sites identified as possible locations for new storage tanks:

- Antelope Valley Site: Cost Estimate ~$6,089,750;
- Southern Drive Site; Cost Estimate ~$5,460,000;
- People's Improvement District Site: Cost Estimate ~$6,800,000;
- Hidden Valley Site: Cost Estimate ~$5,300,000;
- Red Hills Site: Cost Estimate ~$6,960,000;

Out of the five sites identified, two Sites (Southern Drive and Hidden Valley) contain existing infrastructure and this reduces associated costs. Welded steel or concrete style tanks were recommended to be utilized for this new storage system. This project was closed out in October of 2022.

52. PROJECT: Glendo Reservoir Full Utilization Project

LEVEL: II
SPONSOR: State of Wyoming
LOCATION: Platte County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	38	2016	I	$ 300,000	2019
Level II	94	2018	I	$ 750,000	2021
Level II	11	2021	I	$ 0	2024*

*Time Extension of 2018 Appropriation

PROJECT INFORMATION:
Glendo Dam and Reservoir is located on the North Platte River in eastern Wyoming and is a 190 foot tall dam with a total of 1,092,290 acre-feet of storage capacity, owned by the U.S. Department of the Interior Bureau of Reclamation (Reclamation). The original project was authorized as part of the Flood Control Act of December 22, 1944 Public Law 534. However, due to controversy over the project details, construction did not begin until 1954 and was completed in 1958. Approximately half of the available storage is reserved for flood control and surcharge; only being used if there is a minor or major flood event, respectively. Currently, any water stored in the flood control pool is released downstream as soon as the flood risk subsides.

From Leading the Charge, Wyoming Water Strategy, Governor Mathew H. Mead, 2015, Water Development Initiatives:

> *Glendo Reservoir has a total capacity of 800,000 acre-feet. Capacity is divided between a 525,000 acre-foot "active operations" pool managed by the Bureau of Reclamation, and a 275,000 acre-foot "flood control" pool managed by the Army Corps of Engineers (Corps). The flood control capacity is only used to store high inflow events that the Corps believes might cause a flood in Wyoming or Nebraska. The Corps allows the flood control space to be filled only until the flood risk subsides, then evacuates the space as quickly as possible. In 57 years of operation, the spillway on Glendo Dam has never been used.*
>
> *This initiative will seek federal authorization to re-purpose a portion of the flood control space and use that water for operational purposes, thereby extending and more efficiently using water during good runoff years. The re-purposed space would be the first water to be used and the full 275,000 acre-feet of flood control space would still be available by October 1st of every year.*

In 2016, an appropriation for $300,000 was granted by the Legislature to complete a Level II Feasibility study in response to the Governor's water strategy initiative. The study coordinated with Reclamation, Army Corps of Engineers (Corps), Nebraska Department of Natural Resources, Wyoming State Engineer's Office (SEO), Wyoming State Parks, Historic Sites and Trails (SPHS), U.S. Fish and Wildlife Service (USFWS), and Wyoming Game and Fish Department (WGFD) on the details of the water strategy and was designed to develop a proposed level of flood retention and anticipated operational modifications to the Glendo Water Control Manual.

Field work and meetings with SPHS were conducted in the fall of 2017 to determine incremental impacts to the State Park's operation and infrastructure. The general public was made aware of the project and initial feedback was received through public meetings. A reservoir modeling strategy was developed for the project to determine limiting factors and acceptable levels of risk for managing agencies. Meetings were held with the agencies listed above, as well as extensive coordination with Reclamation and the Corps, to guide the modeling strategy and ensure proper understanding of existing operations. A screening level environmental analysis evaluated project impacts, benefits, and any permits that would be required. Multiple flood pool depth scenarios were analyzed in the tasks above to develop a proposed depth that would minimize impacts to State Parks facilities and operations, and optimize the benefits that could be realized from re-timing the release of natural flood flows in the North Platte River system.

This resulted in a shifted flood pool depth of six feet as the recommended release scenario in the final report which was delivered to the Water Development Office in December of 2018. The final report also presents a benefit-cost analysis for the proposed scenario and a summary of next steps to implement the proposed scenario. A public meeting was held November 26, 2018 to present the results of the study.

During the Level II study, the Corps had stated they would need to conduct their own scientific analysis of the proposed changes from the WWDC analysis and complete NEPA requirements. During the 2018 Legislature, an additional $750,000 was appropriated to conduct a Water Control Plan Modification Study (WCPMS) to address the Corps needs. The Corps subsequently expressed uncertainty in their ability to proceed with a WCPMS at Glendo due to a lack of authority. Despite urging the Corps to reconsider their position, the WCPMS did not move forward. Legislation considered in the 116th United States Congress and an Executive Order on Modernizing America's Water Resource Management and Water Infrastructure could revive discussions with the Corps and provide a path forward for pursuing the flood flow re-timing concept. The WWDO will continue to coordinate with the Federal agencies on next steps for the project.

53. **PROJECT:** **Glenrock Transmission Pipeline 2020**
LEVEL: III
SPONSOR: Town of Glenrock
LOCATION: Converse County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	I	$ 150,000	2010
Level III	100	2014	I	$ 381,900	2019*
Level III	75	2017	I	$ 254,600	2022*
Level III	121	2018	I	$ 525,950	2023*
Level III	113	2020	I	$ 958,100	2025*

*67% grant.

PROJECT INFORMATION:
The town is supplied with water from four wells ranging in depth from 250 to 1,200 feet. The primary water supply aquifer is the Casper/Madison formations. The approximate yield of the Town's four wells is 3,650-gpm. The Town has three steel storage tanks in the following sizes: 300,000, 750,000 and 1,000,000 gallons. The water transmission pipeline material varies from PVC, DIP, and CIP and ranges in age from newly replaced to ~ 60 years old.

In 2009, the Town of Glenrock received a Level I Master Plan Study. The current project was identified in the Master Plan and is being completed to help move the Town toward correcting the issues noted in the Master Plan. The project is for the design and construction of an 8 and 12-inch PVC transmission pipeline to replace an aging/failing/undersized 4 and 6-inch DIP waterline infrastructure. The Town has taken a systematic approach to annually replace and improve the Town's aging water and sewer infrastructure.

The T-13 transmission pipeline project was identified in the Glenrock Master Plan Level I study. Additionally, the Town's upcoming water and sewer line project coincides with the identified transmission pipeline project. The phased approach allows the Town's to systematically replace aging infrastructure as funding becomes available. The Town provides 33% matching funds for the WWDC eligible items and 100% funding for the WWDC non-eligible items.

The Town of Glenrock hired Civil Engineering Professionals Inc. to provide design and construction services for the project. Design is 100% complete, and the town is searching for additional funding to cover the costs of construction.

54. **PROJECT:** **Goshen ID 29.4 Pipeline 2022**
LEVEL: III
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	II	$ 225,000	2008
Level III	38	2009	II	$ 1,200,000	2014*
Level III	63	2011	II	$ 1,100,000	2016*
Level III	141	2013	II	$ 1,400,000	2018*

Level III	75	2017	II	$ 214,000	2022*
Level III	121	2018	II	$ 468,330	2023**
Level III	93	2022	II	$ 290,000	2027*
Level III	93	2022	II	$ 2,350,000	2027***

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.
**67% grant only
***67% Grant/33% Loan for 49% GID share; 100% Loan for 51% GFLID share

PROJECT INFORMATION:
Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with a conveyance system from the Whalen Diversion Dam above Ft. Laramie to the Nebraska Stateline. Their water rights include diversions from the North Platte River and storage water from Pathfinder Dam. The district has identified major problems with their infrastructure and, with the help of the WWDC, has upgraded portions of their system. The Level I master plan, funded in 2006 and completed in 2008, identified and prioritized five major areas of rehabilitation need: pipelines, automation, liners, structures and a re-regulation reservoir. The total cost of these items is $89,364,443 in 2008 dollars.

In 2022, GID received a $290,000 Grant to pay for 100% of the materials required to replace approximately 3,600 linear feet of 30-inch diameter concrete tile on the 29.4 lateral with 30-inch diameter PVC pipe. BenchMark of Torrington designed the project, and it was advertised in the Fall of 2022. Bids were approximately 40% over budget, and the project was not awarded. The engineer is looking into the suitability of cheaper materials, and the project will probably be re-bid in the Summer of 2023.

55. PROJECT: Goshen Irrigation District Check Structure 2018

LEVEL: III
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	II	$ 225,000	2008
Level III	38	2009	II	$ 1,200,000	2014*
Level III	63	2011	II	$ 1,100,000	2016*
Level III	141	2013	II	$ 1,400,000	2018*
Level III	75	2017	II	$ 214,000	2022*
Level III	121	2018	II	$ 468,330	2023**

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.
**67% grant only

PROJECT INFORMATION:
Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with a conveyance system from the Whalen Diversion Dam above Ft. Laramie to the Nebraska Stateline. Their water rights include diversions from the North Platte River and storage water from Pathfinder Dam. The District has identified major problems with their infrastructure and, with the help of the WWDC, has upgraded portions of their system.

The Level I master plan, funded in 2006 and completed in 2008, identified and prioritized five major areas of rehabilitation need: pipelines, automation, liners, structures and a re-regulation reservoir. The total cost of these items is $89,364,443 in 2008 dollars.

In 2018, GID received a grant of $468,330 from the Rehabilitation program for 67% of project eligible costs to replace Check Structure 83.6 with an automated check structure; with GID being responsible for the remaining 33% of project costs. In the Winter of 2019, GID contracted with Anderson Consulting Engineers, Inc. to design and oversee the construction of the project for the amount of $119,280. In the Summer of 2021, the construction contract was awarded to Paul Reed Construction for the amount of $559,509.25; and the check structure was completed in the Winter of 2021/2022. In the Spring of 2022, GID notified the WWDO that the project was complete. The total project cost was $701,326.42, and the entire $468,330 WWDC grant was used.

56. PROJECT: Goshen ID Tunnel Rehabilitation 2022

LEVEL: III
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	II	$ 225,000	2008
Level III	38	2009	II	$ 1,200,000	2014*
Level III	63	2011	II	$ 1,100,000	2016*
Level III	141	2013	II	$ 1,400,000	2018*
Level III	75	2017	II	$ 214,000	2022*
Level III	121	2018	II	$ 468,330	2023**
Level III	93	2022	II	$ 290,000	2027*
Level III	93	2022	II	$ 2,350,000	2027***

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.
**67% grant only
***67% Grant/33% Loan for 49% GID share; 100% Loan for 51% GFLID share

PROJECT INFORMATION:
Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with a conveyance system from the Whalen Diversion Dam above Ft. Laramie to the Nebraska Stateline. Their water rights include diversions from the North Platte River and storage water from Pathfinder Dam. The district has identified major problems with their infrastructure and, with the help of the WWDC, has upgraded portions of their system. The Level I master plan, funded in 2006 and completed in 2008, identified and prioritized five major areas of rehabilitation need: pipelines, automation, liners, structures and a re-regulation reservoir. The total cost of these items is $89,364,443 in 2008 dollars. In the Spring of 2019, Tunnel number 2 of the main canal collapsed. Temporary repairs returned it to operation, but at a reduced capacity; and it was determined that both Tunnels number 1 and 2 need to be replaced.

In 2022, $2,350,000 was appropriated to fund the design, permitting and land access, required to rehabilitate Tunnels 1 and 2 for the Goshen Irrigation District (GID). The appropriation was structured as a 67% grant of $771,505 and a 33% loan of $379,995 to pay for the GID 49% pre-construction cost share of $1,151,500; and a $1,198,500 loan to pay for the 51% Gering Fort Laramie Irrigation District cost share. A Level II study completed for the District by HDR in August of 2022 found that the $2,350,000 appropriation was insufficient to complete the $3,635,600 pre-construction estimate for the Project. At this time, GFLID plans to pay their share without using the 51% ($1,198,500) loan. In September of 2022, GID requested an amendment to restructure the 2022 GID/WWDC Project Agreement to pay for the 49% GID share of the increased pre-construction costs. The $1,198,500 loan would be amended to be an additional Goshen Irrigation grant not to exceed 67% of the 49% tunnel rehabilitation pre-construction costs and an additional loan for 33%, at 4% interest, for a term of 20 years. In the meantime, GID is contracting with HDR to complete the conceptual design of the tunnels using the current appropriation.

57. **PROJECT:** **GR-RS-SC JPWB Pump Station 2019**
LEVEL: III
SPONSOR: GR-RS-SC Joint Powers Water Board
LOCATION: Sweetwater County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	75	2005	I	$ 250,000	2007
Level I	85	2007	I	$ 220,000	2010
Level II	65	2017	I	$ 180,000	2019
Level III	55	2019	I	$ 7,497,300	2024*

*67% grant

PROJECT INFORMATION:
In 2017, the Green River-Rock Springs-Sweetwater County Joint Powers Water Board (GR-RS-SC JPWB) requested WWDC-funding for a Level II feasibility study to investigate providing supplemental and redundant pumping capacity from the Green River Water Treatment Facility (WTF) into the transmission lines that serve Green River and Rock Springs. The existing pump station is a single point of potential failure in the transmission systems. The need for these improvements has been identified in Task 6 of the 2009 WWDC GR-RS-SC JPWB Water System Master Plan (Phase 2), Final Report, January 2009.

The 2019 Master Plan contemplated simply replacing the existing pumps with higher capacity pumps. With the anticipated completion of the redundant transmission line to Rock Springs, the existing pump station becomes the "weak-link" in the transmission system. Additionally, the existing pump station cannot be operated with the stand-by generator, thus making it more vulnerable to interruptions in pumping. The JPWB would like to investigate an additional pump station, with dedicated transmission connections, that would add the needed capacity and also provide redundancy provided elsewhere in the system. The Level II study commenced in June 2018 and was completed in July, 2019. The sponsor has hired an engineer for the Level III project and the design is currently in progress.

Acquiring easements has prevented the design from progressing past 30%. The JPWB is currently in the process of acquiring the final easement for the project to move forward with the design. Once the easement is secured, the project will be approaching the 50% design meeting. Due to high inflation, the COVID Pandemic, and supply chain issues the JPWB is also applying for additional funding through various programs in preparation for construction costs.

58. **PROJECT:** **GR/RS/SC Raw Water Reservoir**
LEVEL: III
SPONSOR: Green River/Rock Springs/Sweetwater County Joint Powers Water Board
LOCATION: Sweetwater County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	75	2005	I	$ 250,000	2007
Level I	85	2007	I	$ 220,000	2010
Level II	66	2009	I	$ 350,000	2011
Level III-I	63	2011	I	$ 900,000	2016*
Level III-II	14	2012	I	$ 8,282,000	2017**
Level III	75	2017	I	$ 0	2018***

Level III	121	2018	I	$	0	2020***
Level III	113	2020	I	$	0	2022***
Level III	93	2022	I	$	0	2023***

*50.5% grant, 24.5% loan.
**The 2011 appropriation of $900,000 for design was increased by $7,382,000 to $8,282,000 to complete construction.
***Extend the reversion date

PROJECT INFORMATION:
In 2005 and 2007, the legislature appropriated $250,000 and $220,000, respectively, for the Green River-Rock Springs-Sweetwater County Master Plan. The master plan identified the need for a raw water management study. In 2009, the legislature appropriated $350,000 to complete the GR-RS-SC JPB Water Supplies Level II study that identified a reservoir site and developed a cost estimate to build the reservoir.

It was determined that the reservoir would provide two benefits to the system. One is for raw water storage that replaces the need for additional finished water storage, which would cost approximately $58M, and the second is to act as a settling basin to remove sediment, which will benefit the efficiency of the Water Treatment Plant (WTP).

Construction of the project started in 2015 and completion was anticipated in 2016; however, during the reservoir leak test in October 2016, settlement was observed along some of the reservoir embankments. The Joint Powers Board hired a third-party engineer to investigate the cause of the embankment settlement and to provide repair recommendations. The Joint Powers Board reached settlement agreements with the original contractor and engineer and moved forward to complete the project. The Joint Powers Board then hired a new engineer to move forward with the design to mitigate the embankment settlement issues as well as repairs to other reservoir components. The design work for the re-construction started in October 2020 and was completed in the summer of 2021. The project was bid and reconstruction work started in late fall 2021 and was completed late summer of 2022. The project is now complete and closed-out.

59. PROJECT: Groundwater Studies

LEVEL: N/A
SPONSOR: State of Wyoming
LOCATION: Statewide
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
GW Grants	8	1981	I	$ 3,000,000	N/A
GW Grants	7	2002	I	$ 1,500,000	N/A
GW Grants	75	2005	I	$ 1,000,000	N/A
GW Grants	33	2008	I	$ 500,000	N/A
GW Grants	57	2012	I	$ 800,000	N/A
GW Grants	105	2019	I	$ 2,000,000	N/A

PROJECT INFORMATION:
In 1981, the Legislature appropriated $3,000,000 to be granted to incorporated municipalities for the purpose of groundwater exploration. Grants were limited to $200,000 and a 10% match was required. In 1984, an additional $1,000,000 was appropriated and the local share was increased to 25%. Since inception, over 40 communities have benefited from this program.

During the drought in early to mid-2000's, it became apparent that additional funding would be beneficial for municipalities and special districts to address shortages in drinking water supply. In 2002, an additional $1,500,000 was appropriated for the program; the grant amount was raised to a maximum of $400,000 per entity; and the program was expanded to include water, water and sewer, and service and improvement districts. Subsequently, the WWDC recommended, and the legislature approved, additional program funds of $1,000,000, $500,000, $800,000, and $2,000,000 in 2005, 2008, 2012, and 2019, respectively, to service program projects.

CURRENT SPONSOR & ACTIVE/OBLIGATED FUNDS
Town of Cokeville (Well #4): $311,280
Happy Valley Water Improvement and Service District: $298,500
Skyline Ranch Improvement and Service District: $176,250

60. PROJECT: Guernsey Transmission Pipeline 2020

LEVEL: III
SPONSOR: Town of Guernsey
LOCATION: Platte County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	57	2012	I	$ 125,000	2014
Level III	113	2020	I	$ 2,063,600	2025*

*67% grant.

PROJECT INFORMATION:
The town of Guernsey's water system consists of three ground water wells that supply approximately 700 acre-feet of water annually. The wells are developed in the North Platte alluvium with a depth of less than 200 feet. The town's water system also includes a 750,000-gallon water storage tank and a disinfection system.

The project is for the design and construction of a dedicated transmission pipeline to convey water from the Town's wells to the Town's water storage tank, prior to being distributed. The project would allow proper contact time between disinfection and distribution, and provide turnover in the tank to minimize water stagnation. Also included in the project is a well chlorination system at wells 3 & 4 and updates to the Town's water tank.

The project held a 50% design review meeting in August of 2022. Design is expected to be complete by the end of 2022. The town will advertise for construction bids in the spring of 2023.

61. PROJECT: Hanover Irrigation District Cottonwood Spill/Check Replacement 2018

LEVEL: III
SPONSOR: Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	79	1990	II	$ 600,000	1995
Level III	231	1991	II	$ 1,200,000	1996
Level III	69	2003	II	$ 87,000	2007*
Level I	38	2016	II	$ 175,000	2018
Level III	121	2018	II	$ 414,000	2023†

*50% grant / 50% loan
†67% grant / 33% loan

PROJECT INFORMATION:
The Hanover Irrigation District (HID) is located in the Big Horn Basin near Worland, WY. HID has direct flow rights from the Big Horn River and secondary supply rights from Boysen Reservoir. There are 13,000 acres and 520 landowners served by HID between the towns of Kirby and Worland. The Hanover Canal serves as a carrier canal for other irrigation districts after consolidation efforts by the US Bureau of Reclamation. The expanded service area of the Hanover Canal encompasses the Bluff Irrigation District, Upper Bluff Irrigation District, and Highland Hanover Irrigation District.

In 2018, HID received grant and loan funds from the Rehabilitation program in the amount of $414,000 to replace the Cottonwood Spill/ Check Structure. The funding was structured as a 67% grant of $277,380 and a 33% loan of $136,620. HID obtained an additional $275,000 from the Bureau of Reclamation WaterSmart Program, and did not use the loan, which was reverted to Account II. Design and construction observation services were provided by Western Heritage Consulting Engineering of Casper, Wyoming, for $61,280. After one failed bidding in 2019, the construction contract was awarded in 2020 to Copper Mountain Irrigation, LLC, of Worland, Wyoming, for $543,350. The project was completed in August of 2021 at a total cost of $645,384, which included some WWDC ineligible costs for engineering and construction. The project was closed in 2022.

62. PROJECT: Heart Mountain Irrigation District Rehabilitation 2017

LEVEL: III
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	II	$ 110,000	2018
Level III	75	2017	II	$ 410,000	2022*

*100 percent grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
For this project, the Heart Mountain Irrigation District requested 100 percent Level III grant funding to finance the purchase of invoiced materials to convert an open ditch to pipe (Lateral H41), construct structures and turnouts required for the Alkali Creek Pick-Up and the North Alkali Creek Pick-Up conveyance features.

Lateral H41 is currently an open ditch with a measuring weir at the head end and at each turnout. This lateral currently delivers 6 cfs to the two turnouts. The length of the lateral is about 1,435 feet and is in sandy soils. There are evaporative losses as well as seepage losses along this ditch. HMID is replacing the open channel lateral in buried pipe with flow meters at each turnout which will conserve water after completion. The district constructed this section of canal during the winter of 2020/2021.

The Alkali Creek Pick-Up conveyance carries approximately 30 to 50 cfs during irrigation season. The structure diverts water from Alkali Creek where it is conveyed to the lower end of Lateral R15 to supplement those irrigators along the lateral. The length of pipe needed to transmit the water from Alkali Creek Pick-Up to Lateral R15 is approximately 5,300 feet.

The North Alkali Creek Pick-Up conveyance carries approximately 10 to 30 cfs during the irrigation season to Lateral R41 to supplement those irrigators along the lateral. The length of pipe needed to transmit the water from North Alkali Creek Pick-Up to Lateral R41 is approximately 3,250 feet.

Funding from WWDC for this project is being used to purchase materials only, and the sponsor is funding the engineering, land rights, and permits, and is providing labor, equipment, and other resources necessary for construction of the project.

The District has completed one of three laterals involved in this project. The second two will not be constructed due to changes in the District structure and processes.

63. PROJECT: Highland Hanover ID System Improvements 2022

LEVEL: III
SPONSOR: Highland Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	79	1988	II	$ 25,000	1990
Level III	67	1989	II	$ 536,000	1994*
Level I	38/65	2016/17	II	$ 295,000	2020
Level II	150	2020	II	$ 75,000	2023
Level I	11	2021	II	$ 192,000	2024

*67% grant, 33% loan

PROJECT INFORMATION:
The District is located in the Big Horn River Basin near Worland, within Washakie County, Wyoming. The Highland Hanover Canals' water source is primarily a direct flow right via the Hanover Canal from the Bighorn River, with additional storage rights in Boysen Reservoir. The District coordinates with Hanover Irrigation District for water, who coordinates with Bureau of Reclamation for Boysen Reservoir water releases to the Big Horn River. Pump Station #2 is located approximately 13 miles down-canal from the Hanover Canal diversion, or two miles southwest of the Worland airport.

The Highland Hanover Irrigation District (HHID) operates 24.5 miles of canal servicing approximately 6,992 acres. The project area focuses on Pump Station #2, which is the largest of the five (5) pump stations operated by the District. Pump Station #2 supplies Big Horn River water to two canals, Canal 2 and Lateral 2-0.5 (Coutis Ditch), servicing approximately 5,663 acres. Additionally, Canal 2 supplies water to Canals 3 and 4, the Laird Ditch, and the Dooley Ditch.

Pump Station #2 was constructed from 1955 to 1956; with HHID assuming full responsibility of operation and maintenance beginning on January 1, 1958. Two horizontal centrifugal pumping units discharge water to Canal 2 and originally had a combined capacity of 84 cubic feet per second (cfs). The pumps and motors are original to Pump Station #2 with over 64 years of operation.

Located adjacent to Pump Station #2 is Pump Station #5, which is an outdoor plant. Pump Station #5 supplies water to the Coutis Ditch through two (2) vertical turbine pumps with a capacity of 16 cfs. Pump

Station #5 was added to supplement Pump Station #2 and designed to deliver an additional capacity of 25 cfs to Canal 2.

Preliminary designs for three (3) options were developed under the Level II study including cost estimates based on WWDC requirements. The identified top priority for the District was to address the Canal 2 pumps (Pump Station #2) with additional improvements to the Coutis Ditch pumps, the building structural repairs and mechanical systems, and site grading.

During the Level II evaluation of the Canal 2 pumps, it was determined that replacing the pumps at Pump Station #2 would be required. The existing pumps are operating at a reduced capacity of approximately 80% of the design (originally 18,800 gpm each) and the motors are very high voltage (2,300V3P/600 HP each) motors requiring specialty electrical components and technicians.

Currently, the adjacent Pump Station #5 is being used to supplement the Pump Station #2 pumps. The District would like to return Pump Station #5 back to its original intended use as a backup system.

In addition to new pumping units, operational upgrades are required using variable-frequency-drives (VFDs), which feed programmable-logic-controllers (PLCs). Also, flow meters will be installed to adjust capacity and optimize the functionality of the system.

This project is to replace the pumps at Pump Station #2, with associated improvements to the irrigation system for the District. Currently, the District is working on the WaterSmart funding and obtaining the necessary loan documentation for submission to the Attorney General. It is anticipated design will start in the Winter 2022.

64. **PROJECT:** **Highland Irrigation District Master Plan**
LEVEL: I
SPONSOR: Highland Irrigation District
LOCATION: Sublette County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	11	2021	II	$ 192,000	2024

PROJECT INFORMATION:
The Highland Irrigation District has never had a WWDC Master Plan study done before, and with aging infrastructure of an early 1900's canal, a Level I Master Plan Study is being conducted for the rehabilitation of the irrigation system. The study is inventorying and assessing the entire canal system, investigating conveyances losses, and identifying and prioritizing capital improvement projects for financial planning. Cost estimates are being produced to include both a total and phased approach to construction and replacement according to a recommended rehabilitation schedule. The ability to pay for such improvements to the system and needed adjusted rate assessments is included as a part of this study. The study is expected to be completed by the end of 2022.

65. **PROJECT:** **Hoback River Watershed Study**
LEVEL: I
SPONSOR: Sublette County Conservation District
LOCATION: Lincoln, Sublette and Teton Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	11	2021	I	$ 277,000	2024

PROJECT INFORMATION:
The Hoback River Watershed Study Area, located primarily in Lincoln and Sublette Counties, covers approximately 735,000 acres. The study area encompasses drainages feeding the mainstem of the Snake River downstream and including its confluence with the Hoback River. Primary stream systems include the Snake, Hoback, and Greys Rivers.

This watershed study was initiated to evaluate watershed function, current and future water sources and natural hazard (e.g. flooding, mass wasting, wildfire and seismic events) impacts on current water infrastructure and future demand. The District has experienced impacts to irrigation infrastructure where ditches have been washed out due to landslides. This study has compiled baseline information from which the conservation district can help landowners pursue management practices and rehabilitation opportunities, such as spring development, solar conversions, water well development, upland water sources and stock water pipelines. Work has included evaluating existing conditions in the watershed, working with stakeholders to identify issues and potential solutions, developing concept level designs for watershed improvement projects and developing a draft report. This project will be completed by the end of 2022.

66. PROJECT: Interstate Diversion Structure Rehabilitation 2019

LEVEL: III
SPONSOR: Interstate Irrigation and Reservoir Irrigation District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2013	II	$ 180,000	2015
Level III	55	2019	II	$ 420,000	2024*

*67% grant, 33% loan

PROJECT INFORMATION:
The Interstate Irrigation and Reservoir Irrigation District (IIRID) is located in southwestern Wyoming adjacent to the Wyoming-Utah border near McKinnon, Wyoming. The IIRID diverts about 4,525 acre-feet of water per year from the Burnt Fork River, Beaver Meadows Reservoir, and Island Lake to irrigate 2,035 acres of hay, pasture, and alfalfa. Irrigators experience persistent water shortages, especially towards the end of the growing season.

This project will replace the Burnt Fork Diversion Structure with a new concrete structure to secure water deliveries, improve water control and measurements and require less maintenance. The new diversion structure will include a new concrete sill with wing walls, new canal gates, flow measurement device and screens to prevent fish and sediment entrainment. Design and permitting are complete for this project, but the engineer is working on obtaining the last easements before it can go to bid.

67. PROJECT: Interstate Irrigation and Reservoir Irrigation District Improvements 2021

LEVEL: III
SPONSOR: Interstate Irrigation and Reservoir Irrigation District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2013	II	$ 180,000	2015
Level III	55	2019	II	$ 420,000	2024*
Level III	12	2021	II	$ 2,827,400	2026**

*67% grant, 33% loan
**67% grant

PROJECT INFORMATION:
The Interstate Irrigation and Reservoir Irrigation District (IIRID) is located in southwestern Wyoming adjacent to the Wyoming-Utah border near McKinnon, Wyoming. The IIRID diverts about 4,525 acre-feet of water per year from the Burnt Fork River, Beaver Meadows Reservoir, and Island Lake to irrigate 2,035 acres of alfalfa, hay, and pasture. Irrigators experience persistent water shortages, especially towards the end of the growing season. Approximately 25 percent or 1,131 acre-feet of the water diverted is lost to seepage.

The goal of this project is to minimize seepage losses and the associated salt loading by converting the first 4.7-miles of the existing 13.1 miles of earthen canal to 34-inch HDPE pipe. A future second phase of the project will pipe the remaining 9.6-miles. Design and permitting are complete for this project, but the engineer is working on obtaining the last easements before it can go to bid.

68. PROJECT: Kirby Ditch Irrigation District Pipeline 2020

LEVEL: III
SPONSOR: Kirby Ditch Irrigation District
LOCATION: Hot Springs
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	85	2007	II	$ 200,000	2008
Level III	63	2011	II	$ 420,000	2016*
Level III	55	2016	II	$ 0	2017**
Level II	65	2017	II	$ 100,000	2021
Level III	113	2020	II	$ 2,310,000	2025*

*67% grant, 33% loan
**Time extension only

PROJECT INFORMATION:
The Kirby Ditch Irrigation District is located in Hot Springs County and irrigates 3,293 acres for 54 landowners with a Big Horn River direct flow diversion of 44.89 cfs and 3,000 acre-ft of temporary contracted water from Boysen Reservoir.

The original scope of this project was to convert 13,000-feet of open ditch to pipeline to alleviate maintenance, reduce seepage, and improve the efficiency of water delivery. The ditch is perched above lower-lying ground along a county road making the canal in this area susceptible to seepage and instability. Steep erosive slopes frequently slough into the ditch, obstructing flows, reducing capacity and increasing the potential of a canal breach. Sedimentation from the adjacent Coal Draw would also be eliminated with conversion to pipe. The design for the project has been completed, but the current estimated project cost is $5,147,370, which is more than the District can afford at the current time. In September of 2022, the District requested to amend the project by reducing the scope to 6,630-feet of the canal located in the area with the highest maintenance. This will allow the District to utilize $737,965 in US Bureau of Reclamation WaterSMART funding before it expires in 2024.

69. **PROJECT:** **LaGrange Groundwater Supply & Improvements**
LEVEL: II
SPONSOR: Town of LaGrange
LOCATION: Goshen County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	150	2020	I	$ 114,000	2023
Level II	84	2022	I	$ 725,000	2025

PROJECT INFORMATION:
The Town of LaGrange has a population of 438 people and they are served through a total of 208 taps. The Town is supplied with groundwater from the shallow LaGrange Aquifer, from two production wells that have a total average yield of 450 gpm. The supplied groundwater is untreated and stored in an above-ground water storage tank with a capacity of 300,000, located northeast of Town.

In February 2021, the Town of LaGrange requested a Level II deep test well (<1,000 feet deep) construction feasibility study to provide future additional supply and to provide redundancy for the Town's water system. The need for the study was recommended in last year's 2021 Level I water master plan. The Town was interested in a water source with better water quality than the existing system (deeper well in the Fox Hills Sandstone) and associated improvements to the Town's existing water system. In addition, an evaluation of the need for an additional elevated 300,000-gallon storage tank, possibly located in the area southwest of the railroad tracks, will be performed under the Level II study for existing fire-flow requirement deficiencies and future needs. Also, the proposed tank location at the park needs to be further evaluated as an alternate location as part of the Level II study. The study commenced in April, 2022 and will continue through 2023 with final reports and deliverables expected by September, 2024.

70. **PROJECT:** **Lake DeSmet / Healy Reservoir Utilization**
LEVEL: II
SPONSOR: State of Wyoming
LOCATION: Johnson County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	105	2019	I	$ 268,000	2022

PROJECT INFORMATION:
On June 26, 2018, the State of Wyoming purchased certain water assets in Lake DeSmet (owned by Johnson County) and Healy Reservoir from Sasol Synfuels. The assets are as listed:

- Three storage water right permits in Lake DeSmet totaling 62,199 AF
  - Permit 7533R with a priority date of 8-16-39 and a volume of 11,640 AF
  - Permit 7289R with a priority date of 4-15-57 and a volume of 36,834 AF
  - Permit 7290R with a priority date of 10-14-57 and a volume of 13,725 AF
- Reservoir supply permits to supply water to Lake DeSmet from Rock Creek, French Creek, and Clear Creek (Permits 22930, 22929, and 22928 respectively)
- Clear Creek diversion dam (8729R - diverts water into Healy Reservoir)
- Healy Reservoir with a storage volume of 5,140 AF (7289R)

- Clear Creek water supply system consisting of 6.7 miles of 66" diameter pipeline and pumping facilities located at Healy Reservoir
- Inlet/outlet structure located on the south dike of Lake DeSmet

In 2019, an appropriation for $268,000 was granted by the Legislature to complete a Level II Feasibility study to examine the potential for utilizing the newly acquired assets and to modify infrastructure that could result in operational efficiencies and expanded use.

Along with the purchase of Healy reservoir came an obligation to deliver ~2,100 AF of irrigation water to legacy shareholders on Clear Creek via two 100 HP electric pumps. Since 2018 the Wyoming Water Development Office (WWDO) has been operating and maintaining Healy Reservoir and the associated diversion dam. These facilities were built in the mid-1970's and certain components are nearing the end of their design life so it is important to plan for future maintenance and replacement costs. The study developed numerous alternatives to deliver water via gravity in lieu of continuing to maintain and pay electrical costs on the existing pump system. After developing preliminary plans and cost estimates, the life cycle cost comparison showed that the most cost-effective means to continue to meet these legacy obligations and/or to deliver additional water, was to continue to use the existing pumps for as long as possible, and then replace them with more efficient pumps in the next ten years or when needed. The information gathered and alternatives evaluated in this study are being used by the WWDO to support operations and maintenance budget planning for Healy Reservoir.

The other objective of the study was to look at ways to utilize Lake DeSmet water in the Tongue River Basin (Sheridan, WY area). The main focus was on replacing out of priority diversions by Wyoming water users while a Montana call was in place. Although the recent Montana v. Wyoming case was settled with a monetary sum, the Special Master's report on the case indicated that a water award from the State of Wyoming could have been an acceptable means of compensation for the injury claimed by Montana in the suit. The study compared alternatives to obtain water for this purpose which included exchange agreements on upper Piney Creek, pumping water from Lake DeSmet, and leasing water from the Northern Cheyenne Tribe. Information from previous studies was also utilized and expanded upon to include the City of Sheridan's interest in Lake DeSmet as a future municipal water supply. Preliminary designs and costs estimates were developed for the four basic alternatives and are summarized below.

Pump station and pipeline to deliver raw water from Lake DeSmet to the Tongue River Basin	$37.5 – $52.7M	$6,682/AF – $5,437/AF
Deliver water to Tongue River Basin via gravity	$180 – $259M	$32,000/AF – $26,700/AF
Lease from Northern Cheyenne Tribe in Tongue River Reservoir with readiness-to-serve and delivery fee	$5/AF/yr	$50/AF/yr
Pump station, water treatment plant, and pipelines to deliver raw water and treated water to the Sheridan Area	$92 – $127M	

As stated above, exchange agreements on upper Piney Creek were also evaluated to utilize Lake DeSmet water in the Tongue River Basin. However, it was determined there is insufficient existing water available high in the Piney Creek drainage to provide for an exchange agreement with Lake DeSmet water and allow gravity delivery to the Tongue River Basin. There are several existing trans-basin diversions in this area that bring Piney Creek water into the Little Goose basin, but a water rights and topography analysis revealed there is little potential for additional storage or enlargement of these diversions. Therefore, this alternative was determined to be infeasible.

Due to the SCOTUS' Judgement and Decree, there is the possibility that a number of Wyoming water users with post-1950 rights will be detrimentally affected when Montana issues a call on the Tongue River in order to fill Tongue River Reservoir. Depending on future weather patterns and runoff quantities, there could come a time when additional water in the Tongue River Basin would be relevant and invaluable. Therefore, the WWDO recommends the information from this study be used as a decision support tool when the need arises. This study has also provided additional perspective when considering municipal use of Lake DeSmet water in the Sheridan area. The WWDO will continue to coordinate with the municipal and agricultural water users in the Tongue River Basin, the State Engineer's Office, Governor's Office, and the State of Montana to continue to evaluate the quantity, timing, interest, and need for replacing out of priority diversions by Wyoming water users in the event of a Montana call and/or other uses in the Sheridan area.

71. PROJECT: Lakeview Carter Creek Siphon/Spillway 2019

LEVEL: III
SPONSOR: Lakeview Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	57	2012	II	$ 250,000	2013
Level III	100	2014	II	$ 154,770	2019*
Level III	55	2016	II	$ 194,300	2021*
Level III	55	2019	II	$ 351,000	2024**

*67% grant
**67% grant, 33% loan

PROJECT INFORMATION:
Lakeview Irrigation District (District) conveys irrigation water to service 9,779 acres. Diverting from the South Fork Shoshone River, the District delivers water throughout its service area via the Lakeview Canal which feeds a number of smaller lateral canals. The Lakeview Canal is roughly 22 miles in length and has a capacity of approximately 250 cfs.

The Lakeview Irrigation District requested fund to replace the Carter Creek Syphon Structure with a new concrete structure. The Carter Creek siphon was identified in the 2012 Master plan as needing replacement due to age and condition. The structure has reached, or is very near, the end of its life cycle requiring replacement.

The rehabilitation of the Carter Creek Syphon Structure occurred in the spring of 2022. The project was successful, and has since been closed out.

72. PROJECT: Lander Storage Tanks and Pump Station 2019

LEVEL: III
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	33	2008	I	$ 100,000	2009
Level I	32	2011	I	$ 85,000	2011
Level III	14	2012	I	$ 3,068,000	2017*

Level III	55	2016	I	$ 2,070,970	2021**
Level III	55	2019	I	$ 227,800	2024**

*50% grant
**67% grant

PROJECT INFORMATION:
The City of Lander diverts its water from the Middle Fork Popo Agie River. From the water treatment plant, below the diversion, water flows by gravity to a 4MG storage tank, thence to town and three other storage tanks (Ellis tank, Mager tank, and Rodeo tank) that serve separate pressure zones. This project is to construct a new water storage tank to replace three existing water storage tanks that have failing roof systems. The funding request also includes upgrading a pump station and construction of a new water transmission pipeline to increase the water supply to the hospital region. The project design is complete and the project was bid in mid-2022. However, the bids far exceeded the available funding and the Sponsor had to reject all bids. The Sponsor has requested a budget increase for the project.

73. PROJECT: Lander Water Master Plan

LEVEL: I
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	8	1995	I	$ 100,000	1996
Level II	46/81	1997/99	I	$ 283,710	1998/2000
Level II	125/75	2002/05	I	$1,005,000	2004/07
Level I	33/32	2008/11	I	$ 185,000	2009/11
Level III	14	2012	I	$3,068,000	2017
Level III	55	2016	I	$2,070,970	2021
Level II	94	2018	I	$2,340,000	2021
Level III	55	2019	I	$3,423,700	2024
Level I	11	2021	I	$ 208,000	2024

PROJECT INFORMATION:
The purpose of this Level I Study is to provide an update to the City of Lander's Water System Master Plan. The City has undergone or is in the process of completing significant improvements to their water systems. Growth and expansion areas were identified in the 2012 Comprehensive Master Plan for the City and alternative source supplies were recently studied in a Level II Study. Water system improvements to accommodate the growth areas are not reflected in current water master planning documents. This Level I Study serves to update water system modeling to reflect capital improvements and new water source supplies and allows the city to adequately plan for maintenance, operation and growth areas. Work to date has included review of background information, hydraulic modeling which includes potential growth areas, exploration of opportunities for regionalization, identification of future projects and funding options. This project was ongoing in 2022 and will continue in 2023.

74. PROJECT: Lander Well & Transmission Pipeline 2021

LEVEL: III
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	8	1995	I	$ 100,000	1996
Level II	46/81	1997/99	I	$ 283,710	1998/2000
Level II	125/75	2002/05	I	$ 1,005,000	2004/07
Level I	33/32	2008/11	I	$ 185,000	2009/11
Level III	14	2012	I	$ 3,068,000	2017*
Level III	55	2016	I	$ 2,070,970	2021**
Level II	94	2018	I	$ 2,340,000	2021
Level III	12	2021	I	$ 884,400	2026*

*50% grant
**67% grant

PROJECT INFORMATION:
The City of Lander diverts its water from the Middle Fork Popo Agie River. From the water treatment plant below the diversion, water flows by gravity to a 4MG storage tank thence to town and three other storage tanks (Ellis tank, Mager tank, and Rodeo tank) that serve separate pressure zones.

The funding is for a 4-well wellfield construction project to manifold Level II production-size wells drilled, completed, and tested in August-September 2020 into the existing supply infrastructure. The project is based on the results of the Lander Test Well Level II Study conducted during 2018-2020. The Level II Study was tasked to identify and investigate a groundwater resource in the vicinity of the City's Water Treatment Plant (WTP).

The groundwater resource will provide the following:

- an emergency groundwater supply that allows the temporary shut-down of the WTP in response to facility or diversion failure/repair and to surface water quality upsets (e.g. turbidity during spring runoff, forest fires);
- reduce the risk of water supply deficit caused by late-season drought and surface water regulation;
- a supplemental water supply during seasonal (e.g. low demand winter use) and future demand (e.g. future growth); and
- the operational versatility of a groundwater supply that complements and supports the primary treated surface water supply.

In the Level II Study, four production wells were installed in the alluvial aquifer on the west side of the river on State-owned property northeast of the WTP. A conceptual design and cost estimate were developed for a 4-well wellfield with a production capacity of approximately 1,100 gallons per minute (gpm) (i.e. 1.6 million gallons per day). The project is currently in the design phase.

75. PROJECT: LaPrele Irrigation District Rehabilitation

LEVEL: II
SPONSOR: LaPrele Irrigation District
LOCATION: Converse County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	25	1984	II	$ 1,500,000	1989
Level I	65	2017	II	$ 190,000	2020
Level II	105	2019	II	$ 290,000	2022
Level II	150	2020	II	$ 650,000	2023
Level II	11	2021	II	$ 4,300,000	2024

PROJECT INFORMATION:

In 2018 the LaPrele Irrigation District Master Plan Level I Study identified rock slabs, near the dam, that could break free from the canyon walls and potentially roll into the dam. These findings prompted a Level II Study. Notice to proceed for the study was issued April 3, 2019. The canyon walls, downstream from the dam, were mapped with the use of a drone and specific rock slabs with the potential for breaking free and impacting the dam were identified. As part of the study, the Consultant was also tasked with performing a general structural analysis of the dam to determine if the impact from an identified rock would be detrimental to the integrity of the dam. During the structural analysis the Consultant identified cracking on and near the Dam's buttress #17. The cracks were concerning to the Consultant and they recommended a restriction to the water pool elevation behind the dam. The Office, District, and Consultant agreed that a technical memorandum should be prepared quantifying the issues, explaining the structural analyses that were conducted, and providing conclusions and recommendations. The Technical Memorandum included both immediate and near-term recommendations. A series of meetings ensued between the Consultant, the District, the Office, and the State Engineer's Office (SEO) to discuss this Technical Memorandum. Subsequently, the State Engineer's Office issued a restriction to limit the pool elevation and the Office felt it was prudent to prepare Amendment #1 designed to alter the direction of the Level II study addressing some of these recommendations within the remaining Level II Study's budget.

Amendment #1 eliminated the remaining rockfall hazard analysis tasks from the original scope of work and replaced that work with a structural buttress inspection task to be completed with the remaining contract funds. The new task was to inspect all of the dam's buttresses and prepare documentation of the findings. Work completed under Amendment #1 included a structural inspection performed by a roped access team and an additional aerial drone inspection. Core samples were drilled in strategic locations on the dam and analyzed in a laboratory to determine concrete strength. The findings showed low concrete strengths, cracks in multiple buttresses, and multiple weakened areas throughout the dam. If a single buttress fails, analysis results indicated that the facing slab, spanning between buttresses, will be overstressed and will likely fail. The final opinion of the Consultants was the Dam is reaching or has reached the end of its useful life. These results prompted the Office to begin working on the second project Amendment.

An appropriation of $650,000 was approved for Amendment #2. This amendment centered around developing alternatives for replacing the existing structure with new dam types or infilling the existing dam. To date, multiple alternatives have been identified; roller compacted concrete and infilling of the existing dam are two alternatives that seem likely for further analysis.

In the 2021 Omnibus Planning Bill, $4.3 million was appropriated for future work that was to be approved by the WWDC as planned amendments. In April 2021, Amendment #3 was approved for $194,400 to perform an initial geotechnical investigation and a bathymetric survey. Additional scope language was added to allow flexibility for planning upcoming work. This work was completed and set the stage for a fourth amendment.

In May 2021, Amendment #4 was approved for $1,710,000 adding budget to project management, meetings, and quality assurance tasks, and to establish site characterization and design advancement tasks.

The site characterization and design advancement tasks are progressing simultaneously. Stakeholder engagement and agency coordination was established as part of Amendment #4 and is ongoing. The Consultant, in August 2021, played a significant role in the WWDC summer tour where they provided a project update and participated in the tour of LaPrele Dam.

In May, amendment five to the consultant contract was executed. This amendment appropriated the final $2,395,600, of the $4.3 million from 2021. Amendment #5 includes further site characterization, structural modeling – including a physical model that will be constructed and lab--tested to further understand the potential performance of the physical dam. Initial environmental analysis work is planned but will not begin without prior approval from the Office.

Currently, a draft report for earlier phases of work is being completed and will be reviewed by the sponsor and Office. The second phase of drilling and downhole surveys are expected to conclude in October of 2022. The drilling is focused on further understanding the dam alignment's foundation, investigating the potential plunge pool location's structural makeup, and identifying potential aggregate sources to accommodate an appropriate concrete mix. The draft report for this phase of work is expected in June 2023.

76. PROJECT: Laramie North Side Tank

LEVEL: III
SPONSOR: City of Laramie
LOCATION: Albany
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	75	2014	III	$ 1,200,000	2019*
Level III	100	2017	III	$ 8,503,000	2020†
Level III		2020	III	$ 0	2022††

*67% grant, 33% loan
†67% grant only. Changed the reversion date from July 1, 2019 to July 1, 2020. The 2017 grant appropriation of $804,000 was increased by $7,303,000 to $8,107,000. The 2017 loan appropriation of $396,000 was unchanged. Total appropriation $8,503,000.
††Changed the reversion date from July 1, 2020 to July 1, 2022.

PROJECT INFORMATION:
In 2013, the City of Laramie submitted a Level III funding application based on a feasibility study prepared by the city. The feasibility study provided water system recommendations to address anticipated growth on the north side of Laramie. Recommendations in the feasibility study included construction of a Zone 3 water storage tank, a pump station and transmission pipeline to supply water from Pressure Zone 1 to the Pressure Zone 3 water storage tank and rezoning areas in Pressure Zone 1 to increase system pressure. The project will also provide increased fire flow capabilities to the north end of Laramie.

In 2014, the Legislature appropriated $1,200,000 for the design of the pumping facility, transmission pipelines and water storage tank. In 2017, the Legislature provided construction funding to the project with an additional appropriation of $6,907,000.

The construction of the tank was bid mid-2022 with the costs far exceeding the project budget. The sponsor chose to fund the overran with its own funds and will seek to supplement with the DWSRF. This project is currently under construction.

77. **PROJECT:** **Laramie Valley Diversion Structure 2020**
LEVEL: III
SPONSOR: Laramie Valley Municipal Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	94	2018	II	$ 95,000	2020
Level III	113	2020	II	$ 1,150,000	2025
Level III	93	2021	II	$ 700,000	2025

PROJECT INFORMATION:
The Laramie Valley Municipal Irrigation District (LVMID) is located in Albany County north of Laramie, Wyoming. The District irrigates 9,206 acres of land for 13 landowners with water rights appropriated from the Laramie River. The entire irrigation system of the District relies on the 100-year-old diversion dam, which was rated in poor condition in the 2018 Level II study. The condition of the structure has caused increased maintenance costs and concerns about the overall integrity of the structure. Failure of the structure would cause a significant economic hardship for the members of the District.

This project will replace the existing diversion dam including the installation of a new sluiceway, training dike, trash/debris management, SCADA, headgate, and canal to connect the new structure to the existing Oasis Ditch. The project is currently in the design phase.

78. **PROJECT:** **Leavitt Reservoir Expansion**
LEVEL: III
SPONSOR: Shell Valley Watershed Improvement District
LOCATION: Big Horn County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	III	$ 300,000	2010
Level II	32	2010	III	$ 250,000	2016
Level II	57	2012	III	$ 350,000	2016
Level II	66	2013	III	$ 150,000	2016
Level II	74	2014	III	$ 150,000	2016
Level II	168	2015	III	$ 4,500,000	2021
Level III	75	2017	III	$ 41,000,000	2025*
Level III	113	2020	III	$ 46,000,000	2025†

*95.9% Grant, 4.1% Loan
†The 2017 appropriation of $41,000,000 was increased by $5,000,000 from $41,000,000 to $46,000,000. The grant percentage was changed from 95.9% to 96.3% and the loan percentage was changed from 4.1% to 3.7%.

PROJECT INFORMATION:
The Shell Valley Watershed Improvement District (District) remains committed to expanding Leavitt Reservoir to provide additional supplemental irrigation water to the Beaver Creek and Shell Creek drainages, tributary to the Big Horn River. The Leavitt Reservoir Expansion was identified as the preferred storage alternative to address shortages through previous Level II feasibility studies. The proposed reservoir, located off-channel, replaces the existing Leavitt Reservoir (643 acre-feet) and will be filled with flows from Beaver Creek through a supply pipeline. The reservoir will have a total capacity

of approximately 6,604 acre-feet, of which 5,104 acre-feet will serve as a supplemental irrigation supply, leaving a 1,500-acre-foot minimum pool for habitat, fishing and recreational use.

The proposed expansion lies partially on lands managed by the Bureau of Land Management (BLM) and involves Waters of the United States, therefore requiring a BLM issued Right of Way permit and a United States Army Corps of Engineers (USACE) 404 permit. The NEPA process has been followed and a final Environmental Impact Statement (EIS) was published by the BLM in May 2019, to address the issues and analyze a range of alternatives for the Leavitt Reservoir Expansion in order to fully meet Federal requirements. A positive record of decision was received in October 2019 from the BLM and the USACE for a Right of Way permit and 404 permit, respectively. The expanded reservoir, appurtenances, and borrow areas also involve private lands which have required negotiation and execution of easements and land purchases. The Project Agreement was signed by the District in March 2020. The District has been approved for the loan portion of the funding and has hired an engineer for the construction phase of the project. Final design is complete and the project was bid in the spring of 2022. There was only one bid received for the project which was rejected due to excessive cost. Additional funding for the project is being requested for the project from the 2023 Legislature and the engineer is currently working on value engineering and optimizing the scope of the project. Concurrently, the District is pursuing Federal funding. If additional funding is obtained, it is anticipated the project will be re-bid in the spring of 2023. Construction is anticipated to take two to three years to complete.

Once completed, the District will own, operate, and maintain the expanded Leavitt Reservoir for the life of the project to reduce irrigation shortages and provide a more reliable water supply to irrigated lands in the Shell Valley. In regards to secondary benefits, the reservoir will continue to have public access and as stated, a minimum (environmental/recreation) pool which will provide fisheries, wildlife, and recreational uses. Diversions out of Beaver Creek during spring runoff will have some flood control benefits, plus some minor flood benefits provided by the reservoir itself. Wetlands created as part of the project will have water quality and wildlife benefits. Late season irrigation releases out of the reservoir will enhance downstream riparian areas, improve fish habitat and have indirect benefits to wildlife provided through additional agricultural yields and winter pasture. Furthermore, the proposed supply diversion for the reservoir expansion will be approximately one stream mile below the existing reservoir diversion, thus providing additional fish habitat.

79. **PROJECT:** **Little Snake River Valley Water Supply, Phase II**
LEVEL: II
SPONSOR: Town of Dixon / Town of Baggs
LOCATION: Carbon County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:
Town of Dixon

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	1991	I	$ 35,000	1994
Level II	74	1993	I	$ 150,000	1996
Level III	28	1994	II	$ 215,000	1999
Level II	85	2007	I	$ 75,000	2010
Level II	94	2018	I	$ 135,000	2021
Level II	11	2021	I	$ 163,000	2024

Town of Baggs

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	231	1991	I	$ 400,000	1994
GW Grant	82	1998	I	$ 150,000	2001
Level II	36	2000	I	$ 50,000	2003
Level III	2	2001	II	$ 92,000	2006
Level I	7	2002	I	$ 40,000	2005
Level III	125	2003	II	$ 28,000	2008
Level II	34	2004	II	$ 50,000	2007
Level III	114	2005	I	$ 331,500	2010
Level II	94	2018	I	$ 135,000	2021
Level II	11	2021	I	$ 163,000	2024

PROJECT INFORMATION:
In 2019 a Level II study was completed to conceptually plan a regional potable water supply system for the Little Snake River Valley. The study included the Towns of Baggs and Dixon, the unincorporated Town of Savery, and rural users from Savery to Baggs. At the end of the 2019 study, it was decided that a second phase was appropriate to further study alternatives and refine cost estimates.

This study is developing a final alternative and cost estimates, determining the number of users, and identifying regional water rates. The Towns of Dixon and Baggs have established a Steering Committee with representatives from Baggs, Dixon, and rural users to help direct this study which should lead to the establishment of a Joint Powers Board. The Consultant was given notice to proceed May 2021 and they have since refined alternatives for the Steering Committee's consideration. The draft report is expected by the end of 2022.

80. PROJECT: Little Wind River Storage

LEVEL: II
SPONSOR: Eastern Shoshone and Northern Arapahoe Tribes
LOCATION: Fremont County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	36	2000	I	$ 200,000	2002
Level II	74	2014	III	$ 350,000	2017
Level II	65	2017	III	$ 475,000	2027
Level II	84	2022	III	$ 150,000	2027

PROJECT INFORMATION:
Irrigation shortages have long been documented in the Wind River Basin upstream of Boysen Reservoir. In a 1965 report, prepared by Bishop and Spurlock, it was concluded that the system hydrology was incapable of meeting the entire irrigation demand in the upper Wind River Basin (the Big Wind and Little Wind River drainages above Boysen Reservoir). These shortages could be offset by constructing dam and reservoir projects in both drainages that would store spring runoff which could then be used by irrigators in either the Little Wind and/or Big Wind River drainage. These shortages were reaffirmed by Short Elliot Hendrickson Inc. (SEH) in the "Upper Wind River Storage Project – Level I Study", which was prepared for the Wyoming Water Development Commission in 2001.

During the 2014 Budget Session, the Eastern Shoshone and Northern Arapaho Tribes (Sponsor) applied for, and received, funding to conduct a Level II, Phase I Storage Feasibility Study that would build on the 2001 Level I study. The Phase I study analyzed irrigation water shortages and water availability to store

under a present day water right as well as alternatives for constructing new or enlarging existing dams and reservoirs to offset documented irrigation shortages. Constructing new, or enlarging existing storage, will require issuance of a permit to appropriate water from the Wyoming State Engineer's Office and must take into consideration the implications related to the Big Horn General Adjudication.

Building off of previously completed work and additional data collected under the study, approximately 40 different storage alternatives were analyzed against one another. Taking into consideration criteria such as hydrology, technical feasibility, environmental impacts, estimated costs, and Tribal concurrence, the alternatives were screened. Alternatives were ranked by score and top alternatives were analyzed in greater detail.

In summary, based on the Level II, Phase I investigation, it was concluded that seasonal irrigation water shortages in the Little Wind River watershed exist, additional water is available for a new storage appropriation, and storage alternatives are feasible. Further analysis was then recommended to refine project knowledge.

During the 2017 General Session, the Sponsor applied for, and received, funding to continue to analyze the feasibility of the development of additional surface water storage under a Level II, Phase II Study. The current Phase II analysis being conducted originally included the following key components:

- Hydrologic Model Refinement
- Alternatives Analysis Refinement
- Geological/Geotechnical Analysis and Site Visits
- Environmental and Aquatic Resources Investigation
- Cultural Resource Analysis
- Economic Analysis Refinement

However, much greater effort than anticipated was put into the hydrologic model refinement, as it is the foundation for the purpose and need for storage. As a result, field work associated with geological/geotechnical analysis, environmental and aquatic resources, and cultural resources had to be postponed until additional funding could be appropriated. During the 2022 Budget Session, an additional $150,000 was appropriated and a portion of the previously postponed field work was completed in the fall of 2022. Work on the project is continuing according to schedule.

The overarching objective of the Phase II analysis is to continue to develop project knowledge by leveraging past and current work to develop a preferred alternative for recommendation for a Level II, Phase III (permitting and final design) funding request.

81. **PROJECT:** **Lovell Moncur Lateral Phase II 2022**
LEVEL: III
SPONSOR: Lovell Irrigation District
LOCATION: Park & Big Horn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	52	1984	I	$ 80,000	1985
Level III	116	1985	II	$ 820,000	1986
Level II	125	2003	I	$ 60,000	2004
Level III	38	2009	II	$ 432,000	2014**
Level III	14	2012	II	$ 565,000	2017*

Level III	141	2013	II	$	299,000	2017**
Level III	100	2014	II	$	889,000	2019**
Level I	38	2016	II	$	165,000	2019
Level III	55	2019	II	$	1,670,000	2024**
Level III	93	2022	II	$	991,000	2027**

*This appropriation is replaced by the 2013 appropriation.
**100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The Lovell Irrigation District is located in the Big Horn Basin near the Town of Lovell, Big Horn County, Wyoming. There are more than 10,000 acres served by the District. Direct flow is diverted from the Shoshone River and delivered through the Elk-Lovell Canal past the Elk Water Users to the Lovell Irrigation District irrigators.

Beginning in 2009 the Lovell Irrigation District received funds to replace open ditch segments of the Bench Lateral with pipe. Funds from WWDC have been 100% grant for the purchase of invoiced materials. The sponsor has funded the engineering, land rights, and permits, and contracted most of the labor, equipment and other resources necessary to construct the project.

The Moncur Lateral Phase II project will convert approximately 9,900 linear feet of irrigation canal to pipeline. Piping the Moncur Lateral will prevent erosion, reduce seepage, reduce maintenance, and facilitate control of the water. This is the second and final phase of the project.

The District is currently waiting on WaterSmart funding which is expected in early 2023. Design will start in Spring 2023 with construction anticipated to start in Fall 2023 and complete in Spring 2024.

82. PROJECT: Lovell Moncur Lateral Rehabilitation 2019

LEVEL: III
SPONSOR: Lovell Irrigation District
LOCATION: Park & Big Horn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	52	1984	I	$ 80,000	1985
Level III	116	1985	II	$ 820,000	1986
Level II	125	2003	I	$ 60,000	2004
Level III	38	2009	II	$ 432,000	2014**
Level III	14	2012	II	$ 565,000	2017*
Level III	141	2013	II	$ 299,000	2017**
Level III	100	2014	II	$ 889,000	2019**
Level I	38	2016	II	$ 165,000	2019
Level III	55	2019	II	$ 1,670,000	2024**

*This appropriation is replaced by the 2013 appropriation.
**100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The Lovell Irrigation District is located in the Big Horn Basin near the Town of Lovell, Big Horn County, Wyoming. There are more than 10,000 acres served by the District. Direct flow is diverted from the Shoshone River and delivered through the Elk-Lovell Canal past the Elk-Water Users to the Lovell Irrigation District irrigators.

Beginning in 2009 the Lovell Irrigation District received funds to replace open ditch segments of the Bench Lateral with pipe. Funds from WWDC have been 100% grant for the purchase of invoiced materials. The sponsor has funded the engineering, land rights, and permits, and contracted the labor, equipment and other resources necessary to construct the project.

The Moncur Lateral project will convert 8,700 ft. of irrigation canal to pipeline. Piping the Moncur Lateral will prevent erosion, reduce seepage, reduce maintenance, and facilitate control of the water. The project has completed construction and is complete and functional.

83. **PROJECT:** **Lower Shoshone Watershed Study**
LEVEL: I
SPONSOR: Shoshone Conservation District
LOCATION: Big Horn and Park Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	150	2020	I	$ 231,000	2023

PROJECT INFORMATION:
A watershed study was requested by the Shoshone Conservation District to provide a management plan for the Lower Shoshone River watershed that would help evaluate ways to reduce problems with high sediment loads in their reservoirs and irrigation diversion and conveyance systems. This watershed study will provide the tools and guidance to assist in planning and enhancing the conditions within the watershed. This Level I study covered the Lower Shoshone watershed, which drains a large portion of the Big Horn Basin in NW Wyoming and encompasses over 400,000 acres in total and approximately 80,000 irrigated acres. The study area, primarily in Big Horn County, included the towns of Lovell, Byron, Cowley, Deaver, and Frannie; the main tributaries to the Lower Shoshone River include Big Wash, Coon Creek, Sage Creek, Dry Creek, Whistle Creek, and Crooked Creek.

The watershed study was completed in 2022 and included a GIS inventory of hydrography, soils, climate, fish and wildlife habitat, and water and energy infrastructure in addition to the management plan. It also provided an analysis of land use, surface and groundwater availability, rangeland conditions, and water infrastructure. Working with the community and individual landowners, the consultant identified 81 potential water projects, including: irrigation and drainage system improvements and rehabilitation, water storage opportunities, stream channel restoration, and upland livestock/wildlife water projects. A report presentation was conducted in Lovell in February 2022 and a final closeout memo was presented to the Commission in May 2022.

84. **PROJECT:** **Melody Ranch Water System Improvements 2018**
LEVEL: III
SPONSOR: Melody Ranch Improvement and Service District
LOCATION: Teton County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I*	46	1997	I	$ 250,000	2000
Level I	38	2016	I	$ 180,000	2019
Level III	121	2018	I	$ 944,700	2023**

*Teton County Water Master Plan
**67% grant

PROJECT INFORMATION:
The Melody Ranch Improvement and Service District is located in Teton County and lies within the Snake River valley floor south of Jackson. The District's public water system serves the population of 900 people through 387 taps. Groundwater is supplied to the District through two wells (400 gpm each). The wells are constructed to approximately 100 feet in depth into the Quaternary-age, Snake River alluvial gravel deposits. The system has a 300,000-gallon, reinforced concrete storage tank for treated water.

A water supply/master plan study was funded by the 2016 Legislature to evaluate the current condition of the District's water system and to determine the ability of the water system to operate with increasing demands and to identify options for increasing system efficiencies. The Level I study conducted a hydrogeologic investigation to select a well location, develop a well design and conceptual designs/cost estimates for a potential new Level III water supply well to supplement the existing water system. The final report was completed in October 2017 and provided recommendations for advancement to Level III, including transmission upgrades and distribution system components. In November 2018, the District hired an engineering consultant to design the project and provide construction management services. The District requested changes to the preferred alternative well location in an addendum that was approved by the WWDO. Design was put on hold in 2019 for a 2019 WWDO Groundwater Exploration Grant (GWG) project that pump tested the existing wells to determine their capacity, and investigated two potential sites for a deeper third well. Neither site produced adequate water, and the District has decided to drill a test well at the original well site identified in the Level I study. The District has requested an amendment for additional time, funding and a scope change to accommodate the cost increases and the time it has taken to investigate other well locations. In addition, the District has requested ARPA funding to reduce the amount of funding WWDC would need to provide to continue. Design remains on hold until the funding, time and scope request has been processed.

85. PROJECT: Middle Piney Reservoir

LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Sublette County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	2006	III	$ 200,000	2010
Level II	66	2009	III	$ 500,000	2012
Level II	74	2014	III	$ 300,000	2016
Level II	168	2015	III	$ 150,000	2016
Level II	75	2017	III	$ 12,168,000	2022
Level II	75	2019	III	$ 14,228,000	2022*

*The appropriation was increased from $12,168,000 to $14,228,000 with $500,000 of the appropriation deposited in the Middle Piney Reservoir O&M account.

PROJECT INFORMATION:
Construction of Middle Piney Dam was completed in 1940 with a September 4, 1919 priority date (pre-Colorado River Compact). It is located on Middle Piney Creek in the Bridger-Teton National Forest, west of Marbleton and Big Piney. The existing dam embankment is situated along the upstream margin of a massive landslide complex that comprises the right abutment of the dam. The landslide is an ancient feature that originated on the mountain slope southeast of the current dam site and failed towards the north across the valley bottom, forming a natural lake. The dam takes advantage of the partial valley fill created by the landslide.

The U.S. Forest Service (USFS) obtained full ownership of the facility in 2000 from private shareholders. Due to the dam being classified as a high hazard structure because of its potential for loss of life or property in the event of failure and dilapidated condition (noted seepage and inability to operate the outlet works), USFS locked the control gate in the open position and is unable to store the existing reservoir water right. USFS originally planned on breaching the unviable dam to remove any liability, but supports the WWDC's interest in allowing the dam to be reconstructed. Studies have determined that it is feasible to reconstruct the dam and bring it up to Dam Safety standards.

An environmental assessment (EA) to reconstruct the dam has been completed by the USFS and a Finding of No Significant Impact (FONSI) was concluded. Additionally, a Special Use Permit (SUP) from the USFS was issued to the WWDC for the construction phase of the project, as well as to manage the reservoir and enter into a water service agreement with downstream water users. Local irrigators on Middle Piney Creek have formed the Middle Piney Watershed Improvement District (MPWID) to allow for contract with the WWDC to operate, maintain, and beneficially use Middle Piney Reservoir once reconstructed.

A construction contract was awarded, and work commenced in July of 2018. Reconstruction will consist of a cut-off trench, grout curtain, and downstream control section to address seepage; abandonment, relocation, and modernization of the outlet works, and widening of the auxiliary spillway to meet Dam Safety standards; and stabilization of the downstream channel and access road. Construction has been slower than expected due to the short construction seasons at 8,800 feet and greater than expected site dewatering efforts. Furthermore, groundwater conditions have led to additions to the design and further monitoring in advance of final grouting work. The ancient landslide material associated with the project site is complex and a robust seepage collection, cutoff and monitoring system is required for a successful project. Construction is anticipated to be completed in 2023.

86. **PROJECT:** **Midvale Irrigation District Rehabilitation 2019**
LEVEL: III
SPONSOR: Midvale Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	125	2003	II	$ 300,000	2007
Level II	34	2004	II	$ 75,000	2007
Level III	75	2017	II	$ 355,000	2022*
Level III	121	2018	II	$ 995,000	2023*
Level III	55	2019	II	$ 559,000	2024*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The project is to replace open ditch with pipe. The Wyoming 5-Mile Lateral segment is approximately 0.5 miles long and serves 4,445 acres. The Wyoming 5-Mile A Lateral segment is about .5 mile in length and serves 205 acres. Both laterals have open ditches with deteriorated concrete structures that have been repaired and need to be replaced. Both segments also include failing concrete lining and both the earth ditch and lined section experience considerable seepage. Completion of this project will reduce maintenance costs, reduce seepage, and improve operations through more precise control of the water.

The project has completed design of the 5-mile lateral. Construction was complete Winter 2020-2021. Design and construction of Wyoming 5-Mile A Lateral will not be needed due to the sponsor re-evaluating the condition of this lateral and determining it is functioning efficiently. The project is therefore

considered complete and closed out at this time, the remaining funds for the 5-Mile A Lateral will be reverted to the WWDC Account II.

87. **PROJECT:** **New Fork Lake Dam Enlargement**
LEVEL: II
SPONSOR: New Fork Lake Irrigation District
LOCATION: Sublette County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	III	$ 300,000	2018
Level II	65	2017	III	$ 450,000	2022
Level II	105	2019	III	$ 1,500,000	2024

PROJECT INFORMATION:
The current New Fork Lake Dam was rebuilt in 1933 with a permitted capacity of 20,340 acre-feet and a November 11, 1903 priority date. It is located on the main stem of the New Fork River in the Bridger-Teton National Forest, northwest of Pinedale, WY. The current dam was designed to hold back 17 feet of additional water, on top of the existing glacial New Fork Lakes, which now provide late season supplemental water to the New Fork Lake Irrigation District (District). The primary crop is natural grass hay to support cattle ranching operations.

In 2015, $300,000 was appropriated to study the feasibility of enlarging New Fork Lakes primarily to address shortages in the District and the aging dam infrastructure. The Level II, Phase I project was completed in April 2017 and identified the top alternative as a proposal to lower the outlet to utilize more of the existing ~150 foot deep natural lake. An additional $450,000 was appropriated in 2017 to continue with a Level II, Phase II study of the proposed alternative. The project tasks in the Level II, Phase II study included: bathymetric and topographic survey, hydrologic model refinement, environmental refinement and field work, geotechnical field work, conceptual designs and cost estimates, an updated economic analysis, and federal agency consultation.

The topographic and bathymetric surveys were completed in the summer of 2017 along with the geotechnical and environmental field investigations. Utilizing this information, the hydrologic modeling and conceptual designs were refined and updated. This resulted in a revised expansion concept of 8,000 acre-feet instead of the previous 9,400 acre-feet. The reduction was a result of optimizing the StateMOD shortage calculation with the design concept, and finding middle ground between the size of the enlargement, firm yield of the reservoir, irrigation shortage reduction, dam design improvements, and construction costs. The optimization also reduced the Opinion of Probable Construction Cost (OPCC) by $1.3M from $12.74M to $11.44M. Meetings with the Wyoming Game and Fish Department (WGFD), USDA Forest Service (USFS), and US Army Corps of Engineers (USACE) also helped further refine the design towards a more NEPA informed concept.

Economics for the project were updated and discussed with the District. A meeting was held with the District board members on September 25, 2018 to present the updated cost estimate, ability to pay analysis, and grant/loan percentages calculated for the project. A discussion of the cost implications to district membership revealed a grant/loan percentage of 91.2/8.8 as the current ability and willingness to pay for the project. The $11.44M construction cost equates to $1,430/acre-foot for the 8,000 acre-foot enlargement. In a broader sense, with the dam safety improvements, the project also preserves the existing 20,340 acre-feet of storage; resulting in a $404/acre-foot project cost when added to the enlargement. The estimated benefit-cost ratio for a 50-year project life is 2.2 for the 8,000 acre-foot enlargement.

Results from the environmental investigations and evaluations were shared and discussed with the USFS, USACE, and WGFD. Based on the pre-application consultation with the agencies, there were no apparent fatal flaws with the project and it was believed permitting could likely be completed through an Environmental Assessment (EA). Due to the government shut down in late 2018 and lack of available USFS personnel in early 2019, the project experienced some delays. The report for the Level II, Phase II project was completed in 2022.

In 2019, $1.5M was appropriated to complete permitting (NEPA) and final design of the enlargement concept for New Fork Lakes (Level II, Phase III). The project tasks in the Level II, Phase III study include: permitting, value engineering for spillway alternatives, landowner coordination, final geotechnical drilling, final design, drawings and specifications, special use permit acquisition and operating plan development, emergency action plan preparation, and technical review. The spillway alternatives and permitting (NEPA) tasks are underway. NEPA work is progressing slower than expected due to continued staffing shortages and turnover at the USFS in Jackson and Pinedale Wyoming.

88. **PROJECT:** **Newcastle Water System Improvements 2020**
LEVEL: III
SPONSOR: City of Newcastle
LOCATION: Weston County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	23	2015	I	$ 616,400	2020*
Level II	121	2018	I	$ 495,800	2023*
Level III	113	2020	I	$ 113,900	2025*

*67% grant

PROJECT INFORMATION:
Newcastle's public water supply system is exclusively ground water sourced from four (4) high capacity flowing artesian wells. Booster pumps take water from the wells to three storage tanks where it is then gravity fed to the city distribution system and regional rural users.

This project will retrofit an existing pump station to allow the installation of a wye strainer, booster pump, variable frequency drive controller, pressure reducing control valve, and a chlorine room for the future installation of a gas chlorination system. The city has hired an engineer to design the project and provide construction management services. Design for the project has been completed. Due to high bids being received on another project, the town is putting this project on hold until prices stabilize.

89. **PROJECT:** **Newcastle Well 2018**
LEVEL: III
SPONSORS: City of Newcastle
LOCATION: Weston County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	23	2015	I	$ 616,400	2020*
Level III	121	2018	I	$ 495,800	2023*

*67% grant

PROJECT INFORMATION:
The City's current wells barely keep up with the current demands. The addition of Well #5 will allow the City to meet current and future demands. The project will also assist in the regionalization of water systems within the area (supplying water to Cambria and Sweetwater Improvement and Service Districts). The City of Newcastle is also replacing 50 plus year-old cast-iron piping between Wells 1 and 4 in the same area during this project.

The design of the well tie-in and new transmission pipelines is completed and a permit to construct has been issued. After the design was complete, it was discovered that the sponsor had not fully secured an easement for the project which delayed bidding the project. The project was bid in April 2022, and awarded with construction planned to begin in the fall of 2022.

90. **PROJECT:** **Nordic Ranches Water Master Plan**
LEVEL: I
SPONSOR: Nordic Ranches Community Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	11	2021	I	$63,000	2024

PROJECT INFORMATION:
This project developed a water system master plan to evaluate the current condition of the Nordic Ranches water system. The master plan includes tools and guidance necessary to assist in the planning, rehabilitation, upgrading, and management of the water system. The plan establishes project priorities and performs financial planning necessary to meet those priorities. The plan also provides reconnaissance-level information regarding costs and scheduling. Project work has included public outreach, review of existing information and an inventory of above and below ground infrastructure, identification of future projects and funding options, and drafting a final report. This project will be completed by the end of 2022.

91. **PROJECT:** **Northwest Rural Water System Improvements 2020**
LEVEL: III
SPONSOR: Northwest Rural Water District
LOCATION: Big Horn and Park County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	69	1997	I	$ 560,000	2002
Level III	105	2006	I	$ 1,112,000	2008
Level III	14	2012	I	$ 281,400	2017
Level III	141	2013	I	$ 3,690,025	2018
Level III	38	2016	I	$ 230,000	2019
Level III	121	2018	I	$ 1,076,690	2023*
Level III	55	2019	I	$ 1,055,250	2024*
Level III	113	2020	I	$ 676,700	2025*

*67% grant only

92. **PROJECT:** **Northwest Rural Water System Improvements 2021**
LEVEL: III
SPONSOR: Northwest Rural Water District
LOCATION: Big Horn and Park County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	69	1997	I	$ 560,000	2002
Level III	105	2006	I	$ 1,112,000	2008
Level III	14	2012	I	$ 281,400	2017
Level III	141	2013	I	$ 3,690,025	2018
Level III	38	2016	I	$ 230,000	2019
Level III	121	2018	I	$ 1,076,690	2023*
Level III	55	2019	I	$ 1,055,250	2024*
Level III	113	2020	I	$ 676,700	2025*
Level III	12	2021	I	$ 1,413,700	2026*

*67% grant only

PROJECT INFORMATION:
The ten service areas of Northwest Rural Water District (NRWD) encompass 162 square miles. Service areas are situated in a corridor that starts south of the Buffalo Bill Reservoir near Cody, continues northeast along the Powell Highway (Hwy 14A), and extends to areas near the towns of Lovell, Deaver, and Frannie. NRWD receives its treated drinking water supply from the Shoshone Municipal Pipeline (SMP).

This project includes improvements to the Sage Creek Pump Station / Cooper Land Connection building, 70,000 gallons of additional storage for the Sage Creek Service Area, and approximately 2,000 feet of 12-inch main line. The Sage Creek / Cooper Lane Connection building will be replaced with a larger building in a more ideal location and retrofitted with higher capacity pumps and motors to help meet growing demands, and replacement of valves serving the Cooper Lane Service Area. Two 35,000-gallon storage tanks will add 70,000 gallons of additional storage in the Sage Creek Service Area. Approximately 2,000 feet of 12-inch main line will provide added capacity to get water from the pump station to the storage tanks. The engineer has been selected and the design is underway.

PROJECT INFORMATION:
The ten service areas of Northwest Rural Water District (NRWD) encompass 162 square miles. Service areas are situated in a corridor that starts south of the Buffalo Bill Reservoir near Cody, continues northeast along the Powell Highway (Hwy 14A), and extends to areas near the towns of Lovell, Deaver, and Frannie. NRWD receives its treated drinking water supply from the Shoshone Municipal Pipeline (SMP).

The project involves the replacement of six pumps in 3 pump stations and the replacement of two flow control valves. Both the pumps and control valves are passed their life expectancy. These project components were identified in the NRWD's 2017 Master Plan. The three existing South Fork Pump Stations are around 25 years old, which is close to the end of the service life for these pumps. The existing pumps are constant speed pumps, controlled by pump control valves. In the last 25 years, significant improvements have been made in pumps, motors, and controls to improve the efficiency. The project is under construction.

93. **PROJECT:** **Northwest Rural Water System Improvements 2022**
LEVEL: III
SPONSOR: Northwest Rural Water District
LOCATION: Big Horn and Park County
PROGRAM: Special Legislation - ARPA

EXISTING AND PRIOR LEGISLATION:
No Prior Special Legislation

PROJECT INFORMATION:
The ten service areas of Northwest Rural Water District (NRWD) encompass 162 square miles. Service areas are situated in a corridor that starts south of the Buffalo Bill Reservoir near Cody, continues northeast along the Powell Highway (Hwy 14A), and extends to areas near the towns of Lovell, Deaver, and Frannie. NRWD receives its treated drinking water supply from the Shoshone Municipal Pipeline (SMP).

This project will install three new water storage tanks to serve two service areas with more than 700 taps and approximately 1,700 residents of rural Park County. This installation of tanks will increase storage in the O'Donnell service area by 105,000 gallons decreasing the number of pump cycles and increasing the longevity of the pumping equipment. This project is part of a large regionalized system. The engineer has been selected and the design is underway.

94. **PROJECT:** **Nowood River Storage – Meadowlark Lake**
LEVEL: II
SPONSOR: Nowood Watershed Improvement District
LOCATION: Washakie County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	33	2008	III	$ 300,000	2010
Level II	32	2010	III	$ 250,000	2016
Level II	57	2012	III	$ 350,000	2016
Level II	74	2014	III	$ 225,000	2017
Level II	168	2015	III	$ 300,000	2024

PROJECT INFORMATION:
Citizens of the Big Horn Basin requested a Level I Storage/Watershed Study to determine the best and most beneficial water storage system for the Nowood River Watershed area. Level I funding was obtained through the Dams and Reservoirs Program during the 2008 General Session. The study was completed in early 2010. A watershed management and rehabilitation plan was developed that addressed irrigation system conservation and rehabilitation, livestock/wildlife upland watering opportunities, stream channel condition and stability, and grazing management opportunities. Furthermore, the Level I study identified the potential for storage in the watershed.

During the 2010 Budget Session, the Nowood River Steering Committee, formed prior to the commencement of the Level I study, requested and received funding for a Level II Storage Feasibility Study to further explore storage opportunities identified in the Nowood River Storage/Watershed Level I Study. The Nowood River Watershed is inefficiently used and underutilized by a wide variety of interests because it does not have adequate storage balanced with consistent stream flows. Agricultural operations, as well as fish and wildlife, have been negatively impacted in the watershed by severe drought conditions which have led to limited late season flows and calls on the river. At the same time, ample, and at times

excessive, spring runoff goes unused as a result of the untimely thaws and the magnitude of the runoff. The sponsor's objective is to develop and/or expand current water storage in the Nowood Watershed to collect the excess spring runoff and allow for controlled, consistent releases, thus providing agricultural benefits through improved management and late season irrigation, potential municipal benefits through reduction of channel erosion and flooding in area communities, as well as environmental and recreational benefits through the enhancement of fisheries and wildlife habitat. The Level II study focused primarily on hydrologic analysis, needs, and site investigations to determine the most viable storage locations. Results of the study were positive and showed that a reservoir on Alkali Creek and enlargement of Meadowlark Lake appear to be the most feasible storage options. Furthermore, several potentially feasible storage sites were deferred due to landowner opposition.

During the 2012 Budget Session, the Nowood River Steering Committee requested and received additional funding for a Level II, Phase II Storage Feasibility Study to further consider the Alkali Creek and Meadowlark Lake sites. The additional study focused primarily on the development of a beneficiary group, hydrologic analysis and environmental investigations. Site survey and geotechnical investigations were carried out on the Alkali Creek site, as it had the most local support and appeared most feasible considering land ownership. Results were positive and during the 2014 Budget Session, additional funding was received to further analyze the Alkali Creek site and advance the project to a point where a decision could be made as to whether or not permitting and final design should be pursued. The additional work focused primarily on stream gauging, hydrologic model refinement, cultural resource survey, environmental investigations, and continued coordination with the local community and appropriate agencies.

Based on the results of the feasibility study of the Alkali Creek Reservoir alternative, the Nowood River Steering Committee formed the Nowood Watershed Improvement District. Level II, Phase III funding to begin permitting and final design of the Alkali Creek Reservoir alternative was requested and received during the 2015 General Session. An Environmental Impact Statement (EIS) has been completed and design is underway. However, considering the geography of the Nowood River Watershed, a single storage project is not able to address needs throughout the basin, thus the additional opportunity of enlarging Meadowlark Lake has also been considered, but has not been advanced to the level of the Alkali Creek site at this point.

During the 2015 General Session, the District requested and received additional funding to continue the Nowood River Level II, Phase II Storage Feasibility Study to further analyze the Meadowlark Lake enlargement alternative. As with the Alkali Creek alternative, the additional Meadowlark Lake work has and will continue to focus primarily on stream gauging, surveying, hydrologic model refinement, cultural resource survey, geotechnical investigations, conceptual design and cost estimate refinement, and continued coordination with the local community and appropriate agencies (U.S. Forest Service). Should the additional investigation on the Meadowlark Lake site prove favorable, the project could be recommended for Level II, Phase III permitting and final design.

95. **PROJECT:** **Owl Creek Irrigation District System Improvements 2022**
LEVEL: III
SPONSOR: Owl Creek Irrigation District
LOCATION: Hot Springs County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	125	2003	II	$ 150,000	2006
Level II	123	2005	II	$ 100,000	2008
Level II	123	2005	III	$ 200,000	2008
Level I	38	2016	I	$ 375,000	2019
Level I	150	2020	II	$ 170,000	2023
Level III	93	2022	II	$ 5,040,000	2027*

*67% grant, 5% loan, 28% sponsor

PROJECT INFORMATION:

The Owl Creek Irrigation District (OCID) has storage rights in Boysen Reservoir to allow for an 84 CFS diversion off the Big Horn River to the main pump station. The canal system relies on the main pump station to direct flows to the Lucerne Ditch (40 CFS) and the Re-Lift Canal (44 CFS).

This project in the Lower Area of the OCID includes three grouped projects identified as priorities in the 2021 Level I Master Plan including the Main Pump Station, Re-Lift Station, and Inlet Headgate.

The Main Pump Station and Re-lift Station were constructed by the United States Bureau of Reclamation and turned over to the District for operations and maintenance in 1957. With the pumps and transformers being nearly 70 years old, parts for the pumps are difficult to obtain and repairs can take extended periods of time. There is a significant concern that failure of one or both of the aging transformers could result in the loss of a significant portion of an irrigation season. The exposed portions of the pressurized steel pipes exiting the pump stations have been repaired and patched on numerous occasions. During these repairs, the pipe walls have been found to be thin and fragile, likely due to abrasion and perhaps corrosion. Seepage is evident at the base of the buried pipe served by the Main Pump Station, leading to concerns that the buried asbestos-concrete pipes at both the Main Pump Station and Re-Lift Pump Station have developed leaks and may be subject to broader failure. The OCID also desires to increase pump capacity to increase early water delivery when it is available.

The Inlet Canal Headgate consists of two 5-foot steel slide gates. The screw-type stems which operate the gates are bent but remain operable. The concrete around the gates has cracked and spalled extensively and subsequently been patched over by steel plating to provide a solid foundation for the stem housings; however, the underlying concrete is significantly degraded. The gates are reportedly not watertight due to the gate frames no longer being solidly mounted to the concrete face of the structure. Erosion is evident both upstream and downstream of the headgate with concrete riprap having been placed on both downstream banks in an effort to mitigate this erosion. The Bighorn River Diversion Structure and Inlet Canal Headgate are critical to the operation of the entire Lucerne Area system as these facilities supply all allocated flows to the pump stations that serve this portion of the OCID. An access bridge over the Inlet Canal is unsuitable for vehicle traffic and lacks an approach road from the west. When this bridge was in service, it provided the only large vehicle access to the Bighorn River Diversion Structure. Given the current state of this bridge, the OCID cannot access the north end of the diversion to conduct maintenance and repair activities.

Main Pump Station Replacement

The Main Pump Station utilizes four pumps to lift the allocated flow of 84 CFS up to the Lucerne Ditch (67-foot lift) and the Re-Lift Canal (136-foot lift). The infrastructure supporting the Main Pump Station includes the receiving canal and alga screens, the building housing the pumps, four high capacity vertical turbine pumps, steel discharge pipe manifolds, buried asbestos concrete pipe, and a high capacity transformer. Pumps 1 and 2 are 200 horsepower and serve the Lucerne Ditch while pumps 3 and 4 are 450-horsepower and serve the Re-Lift Canal.

Main Pump Station scope includes the construction of a new lift station building on site. The Main Pump Station replacement includes improvements to the wasteway/sediment sluice to reduce inputs to the pumps, installation of alga screens, new electrical service and upgrades to the transformer.

Re-Lift Pump Station Rehabilitation

Many of the components at the Re-Lift Station are in good or fair condition despite the age of the facility. The majority of the concrete, channel, and site features are not due for replacement or major maintenance. This portion of the project primarily focuses on replacing the existing pumps, controls, electrical service, and piping. A new enclosure at the Re-Lift station is proposed to prolong the lifespan of planned equipment.

The schematic design plans for the Re-Lift pump station propose a replacement of the existing vertical turbine pumps with new units. New pumps will include 75-horsepower motors with outdoor rated enclosures. The existing pump bases and openings are adequate to support new pumps without modifications to the bases.

A very simple steel structure will be installed to shield pumps and equipment from sun and precipitation. This enclosure is proposed to include a removable roof in order to service and remove the pumps with a boom truck or crane. Also included is the replacement of the existing transformer.

Inlet Canal Headgate

This portion of the project includes improvements needed to support delivering water from the Big Horn River through the Inlet Canal to the pumping facilities. The Inlet Canal Headgate and access bridge were identified as being in poor and failing condition respectively. Headgate demolition and in-kind replacement is the scope of work for the headgate. For the bridge replacement, the District proposes to utilize a flatbed rail car to save materials costs.

The District has submitted the necessary loan documents for Attorney general's review and they have been accepted. The District is working on the Owner-Engineer agreement and design should be starting the fall of 2022. Bidding is anticipated late summer of 2023 with a potential construction start in the fall of 2023.

96. **PROJECT:** **Pavillion Groundwater Supply**

LEVEL: II
SPONSOR: Town of Pavillion
LOCATION: Fremont County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	150	2020	I	$ 135,000	2023
Level II	84	2022	I	$ 687,000	2025

PROJECT INFORMATION:

The Town of Pavillion has a population of 240 people and they are served through 130 taps within the corporate limits and 4 taps outside of the corporate limits. The Town is supplied with Eocene age Wind River Formation groundwater from five (5) wells and the wells have a combined average yield of 100 gpm. The supplied groundwater is treated by chlorination and stored in an above-ground welded steel tank with a capacity of 250,000 gallons and a standpipe.

In February 2021, the Town of Pavillion requested a Level II feasibility study to evaluate the siting, construction, and testing of a new test/production well for use as a redundant groundwater supply and to

use as a future supply for the Town's water system. The study was recommended in last year's 2021 Level I water master plan. The deep test well (<1,000 feet deep) will be constructed into the Wind River Aquifer, known to have variable water quality. The Town would like the new well to have better water quality than the existing system. The study commenced in April, 2022 and will continue through 2023 with final reports and deliverables expected by September, 2024.

97. **PROJECT:** **Piney & Cruse Canal Piping**
LEVEL: III
SPONSOR: Piney Cruse Creek Ditch Company Irrigation District
LOCATION: Sheridan County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	34	2004	II	$ 75,000	2006
Level III	100	2014	II	$ 855,000	2019*
Level III	55	2019	II	$ 0	2022**
Level III	167	2015	II	$ 591,000	2022***

*67% grant, 33% loan
**Time extension only
***Sponsor's Contingency Fund

PROJECT INFORMATION:
The Piney Cruse Creek Ditch Company Irrigation District's surface irrigation water diversion structure is located on South Piney Creek. Water is conveyed from this diversion through the Town of Story to North Piney Creek where it is diverted into the District's irrigation delivery system through Tunnel Hill. The crossing through Tunnel Hill is severely degraded as well as a second drop structure further down the irrigation ditch. The Mead Creek Ditch Rehabilitation Level II Study completed in 2005 analyzed the issues with these drop structures and provided three alternatives to mitigate the continued degradation of the drops.

In 2014, the Legislature approved a project to place both drops into pipe with an appropriation of $855,000 as 67% grant and 33% loan. Engineering Associates contracted the design and construction oversight in July of 2014 for $121,667, but this amount was later increased through two contract amendments to $227,319.80. The project was delayed due to easement and constructability issues. To overcome the easement issues, the District obtained a change in point of diversion, and now shares a point of diversion with Prairie Dog Ditch Company. Constructability issues were addressed by changing the design to directionally drilled pipelines rather than buried pipe into steep grades with severe erosion cuts. The project went out for bids in October of 2020, and five bids ranging from $1.11M-$1.54 were received, which were in excess of the $855,000 project budget. In December of 2020, an additional $591,000 from the Sponsor's Contingency Fund was amended into the project to allow the Sponsor to award the construction contract and increase the budget for construction oversight by the engineer. The construction contract was awarded to LJS Concrete & Excavating, LLC in November of 2022 for $1,106,678.80. The project was completed in June of 2022 at a cost of $1,363,606.17.

98. **PROJECT:** **Pioneer Transmission Pipeline 2017**
LEVEL: III
SPONSOR: Pioneer Water and Sewer District
LOCATION: Natrona County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2009	II	$ 75,000	2010
Level III	75	2017	I	$ 1,246,200	2022

PROJECT INFORMATION:
This project is the result of the 2010 Level II study, which recommended an additional connection to the Central Wyoming Regional Water System (CWRWS) and an additional transmission line for the Pioneer Water and Sewer District. The District is divided into 2 areas with the north area receiving all its water from the southern portion of the District through a 10-inch ductile iron water main. That main has experienced several breaks that deprive the northern portion of the District of water. Additionally, the northern portion of the District serves as a pass-through for water going to 33 Mile Road Improvement and Service District and other local businesses. The project was bid in the winter of 2019/2020 and construction began in the spring of 2020 and was completed in summer 2021. The project is now being closed out.

99. PROJECT: River Basin Planning – NHD Plus HR and StreamStats

LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Statewide
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	94	2018	I	$ 240,000	2021
Level I	105	2019	I	$ 631,000	2022

PROJECT INFORMATION:
In its efforts to reduce costs on watershed studies, river basin plan studies, storage studies and instream flow studies, the Planning Section of the WWDO has worked toward implementing the USGS StreamStats models for the State of Wyoming. Phases I and II of that effort, including work to improve the National Hydrography Dataset (NHD), were funded during the 2018 Legislative session and completed in 2020. Phases III and IV were funded during the 2019 Legislative session and efforts on these phases continued in 2022.

The National Hydrography Dataset (NHD) is a digital representation of the water surface features found on topographic maps. These features form a stream network and represent the water drainage network across the United States. The NHDPlus High Resolution (NHDPlus HR) integrates hydrographic, topographic, and watershed information at a local resolution and will form the foundation for StreamStats. Phases I and II of this project assisted in evaluating and correcting erroneous flow directions, stream connections, and elevation data to ensure that the digitally modeled streamflow from a basin ultimately connects to the correct basin outlet.

Currently, the WWDO and its consultants use spreadsheet models in river basin plan studies, watershed studies, and storage studies to estimate streamflow characteristics. This method is time intensive and becomes an expensive task for the consultants to perform. StreamStats will replace spreadsheet modeling and will benefit the WWDO and other state agencies by providing a web-based mapping tool for users to quickly access streamflow statistics for any stream site (either at a stream gage or at an ungaged stream site) in Wyoming. The tool can also be used to delineate drainage basins and calculate basin characteristics. Phase I and II of StreamStats included developing GIS base layers, calculating basin characteristics, and analyzing stream gauges to assist in the process of developing regional regression equations. Phases III and IV of this effort include determining at-site streamflow characteristics, at-site

peak-flow characteristics and continued development of regression equations. The StreamStats tool will assist all WWDC projects that rely on streamflow quantities and flow duration. This new efficiency will lower individual project costs and improve consistency and defensibility in work products. Phases III and IV of this project are ongoing.

100. **PROJECT:** **Riverton Regional Water Master Plan**
LEVEL: I
SPONSOR: City of Riverton
LOCATION: City of Riverton
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	59	1996	I	$ 220,000	1999
Level I	46	1997	I	$ 150,000	1998
Level II	81	1999	II	$ 65,000	2000
Level III	16	1999	I	$ 92,000	2001
Level III	2	2001	II	$ 85,000	2005
Level III	118	2004	II	$ 1,001,500	2010
Level II	75	2005	II	$ 300,000	2006
Level II	99	2006	II	$ 125,000	2008
Level III	38	2009	I	$ 4,958,800	2014
Level III	66	2010	I	$ 7,084,000	2014
Level III	100	2014	I	$ 0	2015
Level III	23	2015	I	$ 9,856,000	2017
Level III	75	2017	I	$ 0	2020
Level III	112	2020	I	$ 0	2021
Level I	84	2022	I	$ 256,000	2025

PROJECT INFORMATION:
The City of Riverton's last municipal water master plan was completed in 1998. There have been many changes to their system since that time and an updated master plan was requested. The City seems to be experiencing high rates of water loss, has significant aging infrastructure, corrosion issues, fire hydrants that are not fed by proper diameter pipe, potential water supply issues in their upper pressure zones, and a raw water irrigation system that has never been studied. This study will update their existing water master plan, GIS mapping, perform a hydraulic model analysis of their system to help define a leak detection study, capital improvement projects, fire protection, and a potential well siting to improve water supply in upper pressure zones. Additionally, an evaluation of their existing SCADA system, and an evaluation of their current rate system will be performed.

The Consultant was given Notice to Proceed on April 12, 2022 and has nearly completed their information review and has begun the inventory, evaluation, and GIS, and hydraulic modeling tasks. The study will be ongoing in 2023.

101. **PROJECT:** **Rock Creek & Trail Ridge Creek Instream Flows 2020**
LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Sublette County
PROGRAM: Instream Flow Studies

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
N/A	N/A	N/A	N/A	$ N/A	N/A

*Instream flow studies are no longer funded through appropriations in the Omnibus Water Planning Bills. The contract amount is $19,430 and is funded by the Wyoming Game and Fish Commission.

PROJECT INFORMATION:

Per Wyo. Stat. § 41-3-1003 the Wyoming Game and Fish Commission (WGFC) identifies stream segments they consider to have the most critical need for instream flows. The WGFC, through the Wyoming Game and Fish Department (WGFD), studies and produces biological reports for each identified segment. The analyses completed in the development of the biological reports aid the WGFC in identifying the points on the stream at which the need for instream flows begins and ends, the time of year when the flows are most critical, and a detailed description of the minimum amount of water necessary to provide adequate instream flows. The statute then requires the Wyoming Water Development Commission (WWDC) to file applications in the name of the State of Wyoming for permits to appropriate water for instream flows in those segments of stream recommended by the WGFC.

Per Wyo. Stat. § 41-3-1004(a), the WWDC is generally charged with determining the feasibility of providing instream flows for the recommended segments of streams from unappropriated direct flows, from existing storage facilities, or from new facilities. In most cases, the WWDC, administered through the Wyoming Water Development Office (WWDO), contracts with an engineering consultant to complete an instream flow feasibility study. However, there are instances when the WWDC/WWDO will complete a feasibility study internally. Two analyses are used to help determine the availability of unappropriated direct flows; a mean monthly unappropriated direct flow analysis and an exceedance analysis. An exceedance of 20% or more is desired to ensure the water right is exercised once every five years which is consistent with Wyo. Stat. § 41-3-401(a).

This instream flow study is analyzing two segments near the towns of Marbleton and LaBarge in Sublette County. The specific segments are:

- Rock Creek, tributary of LaBarge Creek in the Green River basin.
- Trail Ridge Creek, tributary of Beaver Creek in the Green River basin.

The Consultant was given notice to proceed in May of 2021. The study is in progress; field measurements were completed in October 2021, and a scoping meeting was held in Marbleton, WY on June 9, 2021 to inform interested legislators, state and federal government staff, irrigators, and other special interest groups of the study. A second season of measurements and data collection was deemed necessary. The second season of data collection occurred during the 2022 summer and winter seasons. The draft report is expected in February of 2023.

102. PROJECT: Riverton Valley Irrigation District Rehabilitation 2018

LEVEL: III
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	86	2001	II	$ 40,000	2002
Level III	100	2014	II	$ 136,680	2019*
Level III	121	2018	II	$ 542,500	2023**

*67% grant
**25% grant

PROJECT INFORMATION:
The project will restore and rehabilitate Wyoming Canal No. 2 and the main stem of the Big Wind River. Due to historic and unprecedented flooding from snowmelt on the main stem of the Big Wind River, rechanneling of the main stem resulted in direct floodwater entering the main delivery canal of the Riverton Valley Irrigation District, destroying and making unsuitable water delivery for a period of 19 days. The actual canal has been realigned and reconstructed. The 2018 Level III project is to continue the repairs for environmental restoration of damaged lands and erosion protection of the new dike system to prevent a future failure of the canal system. This project will continue the restoration and rehabilitation work on the damaged Wyoming Central Canal No. 2, and includes environmental restoration and armoring of the new flood protection dike. The district has completed construction of the dike. The district is completing the design of the remaining work and will bid the work in late 2022 and early 2023. The Sponsor has requested a time extension in order to complete the project.

103. PROJECT: Salt Creek Transmission Pipeline 2021

LEVEL: III
SPONSOR: Salt Creek Joint Powers Board
LOCATION: Natrona County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	113	1986	I	$ 565,000	1988
Level III	98	1986	II	$ 100,000	1988
Level I	123/38	1990/91	I	$ 60,000	1992
Level III	28	1992	II	$ 3,750,000	1997
Level I	105	2019	I	$ 160,000	2022
Level III	12	2021	II	$ 7,316,400	2026

PROJECT INFORMATION:
Salt Creek Joint Powers Board (SCJPB) has a 7 mile stretch of transmission pipeline that needs to be replaced, it has almost constant leaks due to corrosion. This is the sole transmission line supplying water for the towns of Midwest and Edgerton. The Level I Study identified this alternative as the highest priority improvement. The Salt Creek Joint Powers Board is currently collaborating with an engineer to setup a design agreement. Construction of the project is not expected until late 2023 at the earliest.

104. PROJECT: Sheridan Area Water Supply Transmission 2020

LEVEL: III
SPONSOR: City of Sheridan
LOCATION: Johnson County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 75,000	2008
Level I	99	2006	II	$ 600,000	2009
Level III	121	2007	II	$ 427,020	2012
Level III	121	2007	I	$ 5,260,840	2012*
Level II	67/57	2009/12	III	$ 600,000	2012/15
Level III	141	2013	I	$ 1,566,460	2018*
Level III	100	2014	I	$ 1,714,460	2019**
Level III	23	2015	I	$ 2,211,000	2020*
Level III	23	2015	II	$ 2,144,000	2020*
Level III	94	2018	I	$ 1,735,300	2023*
Level I	94	2018	I	$ 250,000	2021
Level II	75	2018	I	$ 250,000	2021
Level III	113	2020	I	$ 3,102,100	2025*

*67% grant only

**The 2013 appropriation of $1,566,460 was increased by $147,540 to $1,714,460.

PROJECT INFORMATION:

The surface water supply for the City of Sheridan and the Sheridan Area Water Supply Joint Powers Board (SAWSJPB) rural system consists of direct flow from Big Goose Creek and stored water in reservoirs in the Big Horn Mountains. Raw water is diverted, pre-treated, then delivered to one of two water treatment plants (WTP). The system primarily utilizes gravity flow with many pressure reducing stations. There are also several booster stations to serve areas of higher elevations. Gravity storage tanks store a total of 13.5 MG within the various pressure zones. Although there are two entities involved, the same operators and facilities serve the entire Sheridan area system for efficiency. The entire water system covers both the City of Sheridan's system and the SAWS JPB system.

The Sheridan Area Water Supply Joint Powers Board (SAWS JPB), in conjunction with the City of Sheridan water system, participated in a 2018 WWDC master plan to evaluate the combined Sheridan Water Supply System. The final report for the 2019 Sheridan Water Master Plan, Level I Study, indicated the highest priority project within the water system was the transmission pipeline near the airport. Based on that study, the City requested the Airport Transmission Main pipeline replacement project. This project is under design and finishing the easements for the route through the airport.

105. **PROJECT:** **Sheridan Supplemental Storage**

LEVEL: III
SPONSOR: Sheridan Area Water Supply Joint Powers Board/City of Sheridan
LOCATION: Sheridan County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2009	III	$ 350,000	2010
Level II	57	2012	III	$ 250,000	2014
Level III	23	2015	III	$ 5,628,000	2020
Level III	113	2020	III	$ 0	2025*

*Time Extension of 2015 Appropriation

The above legislation references appropriations from Water Account III that focus upon opportunities to construct or acquire storage from existing mountain storage (located within the Big Goose drainage above Sheridan) for both the City of Sheridan and the Sheridan Area Water Supply Joint Powers Board. The

Water Development Program has funded many other projects for both entities and for the regional municipal rural domestic water system, which serves both rural Sheridan County and the City of Sheridan.

PROJECT INFORMATION:

The City of Sheridan is interested in developing additional water supplies to meet demands due to ongoing growth and development. The completed Sheridan Supplemental Storage Level II, Phase II Study concluded that Sheridan (City) and the Sheridan Area Water Supply System Joint Powers Board should focus on purchasing ownership shares available in Park Reservoir rather than constructing new dam and reservoir facilities.

The Gillispie Draw Reservoir site, which was the focus of the Sheridan Supplemental Storage Level II, Phase I Study, is located near Sheridan, Wyoming approximately ¼ mile from the Sheridan Water Treatment Plant. The opportunity exists to build new storage facilities within Gillispie draw sometime in the future. However, a federal nexus exists due to the presence of wetlands. This federal nexus would trigger review under the National Environmental Policy Act (NEPA) and require Clean Water Act Section 404 Permitting, which would undoubtedly suggest that existing dam and reservoir facilities should be acquired and utilized before constructing new facilities. Construction of the least environmentally damaging alternative is a federal goal during the NEPA/404 review when developing a "preferred alternative." Acquiring shares or acquiring existing reservoirs would undeniably be less environmentally damaging when compared with construction of a new reservoir.

The City is interested in developing storage of 2,000 acre-feet or more. Before concluding in a recommendation, the Level II, Phase II Study included a facility assessment for both Sawmill and Park Reservoirs, permitting and environmental analyses, identification of improvements needed to use the reservoirs to supply water for municipal/rural domestic purposes, and legal issues involving potential transfers of Sawmill storage rights from agricultural use to municipal, rural domestic purposes. The study also addressed the need to acquire a Special Use Permit issued by the U.S. Forest Service for construction of an access road to access Sawmill Dam. Furthermore, the study included an economic analysis and estimate of fair market value for acquiring Park Reservoir shares and for purchase of Sawmill Reservoir.

The cost of a new reservoir, as outlined in the Level II studies, is approximately $9,064 per acre-foot of firm yield at the City's intake. This is significantly higher than the $6,246 per acre-foot of firm yield at the City's intake associated with acquiring existing Park Reservoir storage at the historical price ($4,200 per acre-foot at the reservoir). Surveys conducted by the consulting firm charged with completing the Level II, Phase II Study indicated that this historical price may secure a portion or perhaps all of the targeted 2,000 acre-feet amount. In the event that not all of the targeted amount may be acquired, the appropriation and process would also constitute an argument or justification for constructing new storage.

During the 2015 General Session, the Sheridan Area Water Supply Joint Powers Board/City of Sheridan requested and received a grant of $5,628,000 from the WWDC Dam and Reservoir Water Account III to acquire up to 2,000 acre-feet of storage within Park Reservoir in the Big Goose drainage above the City of Sheridan, should it become available, on a willing seller, willing buyer basis. Agreements are now in place to allow for solicitation of such acquisitions and several purchases have been executed. The Sponsors has provided 33% matching funds from the City of Sheridan and Sheridan Area Water Supply Long Term Water Supply Fund. The acquisition of the storage is necessary for the supply and utilization of water for municipal uses and it improves the function and sustainability of the Sponsors' regional municipal water supply system. The reversion date for the 2015 appropriation was extended during the 2020 Budget Session to allow the Sponsors to continue the purchase of Park Reservoir shares as they become available.

106. PROJECT: Shoshone Irrigation District Improvements 2021

LEVEL: III
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	1982	I	$ 300,000	1984
Level III	28	1992	II	$ 7,500,000	1997
Level III	88	2002	II	$ 570,000	2007
Level II	99	2006	II	$ 300,000	2008
Level III	105	2006	II	$ 1,145,700	2010
Level III	38	2009	II	$ 339,000	2014
Level III	63	2011	II	$ 585,000	2016
Level III	141	2013	II	$ 795,000	2018
Level III	23	2015	II	$ 290,000	2020
Level III	55	2019	II	$ 181,000	2024*
Level III	12	2021	II	$ 240,000	2026*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:

The Shoshone Irrigation District has systematically requested funding to complete the rehabilitation projects identified in the 2008 Level II study. Financing from WWDC is used to purchase invoiced materials and the sponsor pays for the engineering, land rights, and permits, and provides labor, equipment, and other resources necessary for construction of the project.

The Shoshone Irrigation District Rehabilitation 2021 Project consists of replacing two concrete drop structures (#30 and #31) on the Garland Canal, and replacing a ditch segment (lateral 12F) with buried pipe. Due to long-term deterioration, both drop structures need to be replaced. The piped lateral will better facilitate control of the water and reduce losses to seepage and evaporation. The total length of the lateral segment to be piped is approximately 3,980 feet.

Drop Structures #30 and #31 are complete. Design of lateral 12F is complete. The District has requested additional funding in order to complete lateral 12F.

107. PROJECT: Shoshone Irrigation District Rehabilitation 2019

LEVEL: III
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	1982	I	$ 300,000	1984
Level III	28	1992	II	$ 7,500,000	1997
Level III	88	2002	II	$ 570,000	2007
Level II	99	2006	II	$ 300,000	2008
Level III	105	2006	II	$ 1,145,700	2010

Level III	38	2009	II	$	339,000	2014
Level III	63	2011	II	$	585,000	2016
Level III	141	2013	II	$	795,000	2018
Level III	23	2015	II	$	290,000	2020
Level III	55	2019	II	$	181,000	2024*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The Shoshone Irrigation District has systematically requested funding to complete the rehabilitation projects identified in the 2008 Level II study. Financing from WWDC is used to purchase invoiced materials and the sponsor pays for the engineering, land rights, and permits, and provides labor, equipment, and other resources necessary for construction of the project.

The Shoshone Irrigation District Rehabilitation 2019 Project consists of replacing two concrete drop structures (#28 and #29) on the Garland Canal, and replacing two ditch segments (BOV1 and 16U) with buried pipe. Due to long-term deterioration, both drop structures need to be replaced. The piped laterals will better facilitate control of the water and reduce losses to seepage and evaporation. The total length of the lateral segments to be piped is approximately 4,669 feet.

The District has constructed Drop Structures #28 and #29 and the BOV1 Lateral. Design of lateral 16U is complete. The District has requested additional funding in order to complete this lateral.

108. PROJECT: Sidon Irrigation District Rehabilitation 2021

LEVEL: III
SPONSOR: Sidon Irrigation District
LOCATION: Park and Big Horn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	II	$ 109,000	2019*
Level III	55	2016	II	$ 352,500	2021*
Level III	121	2018	II	$ 823,000	2023*
Level III	113	2020	II	$ 1,060,000	2025*
Level III	12	2021	II	$ 576,000	2026*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The project authorization is for 100% grant funds to finance the purchase of invoiced materials to replace multiple gates throughout the system. The sponsor will construct the facilities as well as finance the engineering, land rights, permits, provide labor, equipment, and other resources necessary for construction of the project. The materials were bid in June, 2022 and construction is expected to take place in November or December of 2022 when the materials are available.

109. PROJECT: Sidon Irrigation District Sidon Canal 2020

LEVEL: III
SPONSOR: Sidon Irrigation District
LOCATION: Park and Big Horn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	II	$ 109,000	2019*
Level III	55	2016	II	$ 352,500	2021*
Level III	121	2018	II	$ 823,000	2023*
Level III	113	2020	II	$ 1,060,000	2025*

*100% grant for invoiced materials. The sponsor is responsible for all other project costs.

PROJECT INFORMATION:
The project authorization is for 100% grant funds to finance the purchase of invoiced materials to replace Gwen Lateral canal with pipe. The sponsor will construct the facilities as well as finance the engineering, land rights, permits, provide labor, equipment, and other resources necessary for construction of the project. The project's design is complete, and the materials were bid in the fall of 2021, however the bids were rejected as they were too high. The District rebid the project in May of 2022 but rejected the bids again as they were too high. The District has requested additional funding in order to complete this project.

110. PROJECT: Silver Lake Dam Rehabilitation

LEVEL: II
SPONSOR: Silver Lake Irrigation District
LOCATION: Sublette County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	94	2018	II	$ 250,000	2021

PROJECT INFORMATION:
Silver Lake is located in the Bridger-Teton National Forest Wilderness Area east of Boulder, WY. The initial construction of a dam at Silver Lake dates back to the 1920's with a water right priority date of 1924. The facility was rebuilt in the 1940's, enlarged in the early 1950's, and remains as constructed when completed in 1955. The existing Silver Lake Dam provides a total of 2,152 acre-feet of late season irrigation water to 13 landowners and 2,527 acres of grass hay cropland in the Silver Lake Irrigation District (District). The aging infrastructure has deteriorated to the point where the outlet works are no longer serviceable, thereby impeding the District from utilizing their water rights. This led to the District approaching the WWDC for help in investigating rehabilitation options for the dam embankment and outlet works on Silver Lake.

During the 2018 Budget Session, a $250,000 appropriation was authorized for a Level II feasibility study to analyze rehabilitation alternatives for Silver Lake Dam. The study includes tasks for federal agency coordination, dam safety flood routing analysis, hazard classification verification, geotechnical investigation, environmental evaluation, permitting, preliminary designs, construction cost estimates, and an economic analysis. Work on the dam safety flood routing task was completed and a minimum requirements analysis (MRA) document was submitted to the USDA Forest Service (USFS) during the summer of 2018, requesting permission to conduct a geotechnical investigation at the dam site. After extensive coordination with the USFS, the MRA was completed in early 2020. However, before the geotechnical work could be completed, a NEPA analysis was required, as the dam is located in a Wilderness Area. An Environmental Assessment for the geotechnical investigation ensued and was finished in time for the field work to be completed in September of 2020.

With the geotechnical investigation complete, rehabilitation alternatives are now being developed. Subsequently, as required by NEPA for permitting of construction activities, a second Environmental

Assessment will then have to be conducted to analyze the rehabilitation alternatives along with another MRA. Work on these tasks will occur during the winter of 2022-2023. Assuming a finding of no significant impact (FONSI) is reached by the federal regulatory agencies, a construction funding request from the Sponsor could be expected as early as the fall of 2023.

Concurrent to the events described above, the District applied for and received NRCS PL-566 funds. The funds are to be used for a NRCS required Watershed Plan. The Watershed Plan is mainly centered on meeting requirements for NEPA, but will also develop preliminary designs and cost estimates for the proposed alterative, in anticipation of final design and eventually construction. As many of the tasks in the NRCS Watershed Plan are similar to the WWDC Level II feasibility study tasks, the WWDO is coordinating extensively with the District and NRCS to ensure a unified effort to provide an efficient and complete solution for the Sponsor.

111. PROJECT: Small Water Development Projects

LEVEL: III
SPONSOR: Numerous
LOCATION: Statewide
PROGRAM: New Development/Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation
Small Project	88	2002	I	$ 500,000
Small Project	118	2004	I	$ 750,000
Small Project	114	2005	I	$ 500,000
Small Project	32	2010	I	$ 200,000
Small Project	14	2011	I	$ 300,000
Small Project	100	2014	I	$ 600,000
Small Project	23	2015	I	$ 500,000
Small Project	55	2016	I	$ 750,000
Small Project	121	2018	I	$ 750,000
Small Project	55	2019	I	$ 2,000,000
Small Project	113	2020	I	$ 1,063,000
Small Project	12	2021	I	$ 1,000,000
Small Project	93	2022	I	$ 1,000,000
Small Project	88	2002	II	$ 500,000
Small Project	118	2004	II	$ 750,000
Small Project	114	2005	II	$ 500,000
Small Project	32	2010	II	$ -200,000
Small Project	100	2014	II	$ 300,000
Small Project	23	2015	II	$ 400,000
Small Project	55	2016	II	$ 300,000
Small Project	121	2018	II	$ 100,000
Small Project	55	2019	II	$ 700,000
Small Project	113	2020	II	$ 701,795
Small Project	12	2021	II	$ 500,000
Small Project	93	2022	II	$ 500,000

PROJECT INFORMATION:

Pursuant to W.S. 99-3-1903(k)(vii) and 99-3-1904(m)(vii), a small project is a project where the maximum financial contribution from the WWDC is thirty-five thousand dollars ($35,000.00) or less. Projects may include new development or rehabilitation of small reservoirs, pipelines, wells, windmills, springs, wetland developments, environmental (projects that provide for streambank stability, water

quality improvements, and erosion protection), solar platforms, rural community fire suppression, recreation, and irrigation facilities.

Projects should provide public benefit through the improvement of watershed condition and function and provide benefit for wildlife, livestock and the environment. Projects may provide improved water quality, riparian habitat, habitat for fish and wildlife and address environmental concerns by providing water supplies to support plant and animal species or serve to improve natural resource conditions. The following table is a list of ongoing projects:

Primary Project Name	Approval Date	Account	Expiration Date
Blue Rim Desert Allotment Stock Water Development	15-Mar-19	I	31-Dec-22
CR Irrigation Pipeline	15-Mar-19	I	31-Dec-22
Spread Creek Irrigation Rehabilitation & Fish Passage	15-Mar-19	II	31-Dec-22
Barquin Wetland Restoration	20-Mar-20	II	31-Dec-22
Berry Half Section Well	20-Mar-20	I	31-Dec-22
Berry Ranch North Well	20-Mar-20	I	31-Dec-22
Berry Section 24 Well	20-Mar-20	I	31-Dec-22
Bird Gulch Pipeline Extension	20-Mar-20	I	31-Dec-22
Black Rock Creek Stabilization & Irrigation Improvement	20-Mar-20	II	31-Dec-22
Bloom Well	20-Mar-20	I	31-Dec-22
Blue Spring	20-Mar-20	I	31-Dec-22
Circle Pasture Well & Pipeline	20-Mar-20	I	31-Dec-22
Coad Mountain Spring Development	20-Mar-20	I	31-Dec-22
Diesel Well	20-Mar-20	I	31-Dec-22
Dry Lakes Well	20-Mar-20	I	31-Dec-22
Federer Solar Well	20-Mar-20	I	31-Dec-22
Fenn Wetland Enhancement	20-Mar-20	I	31-Dec-22
Francis Ditch Diversion No 1	20-Mar-20	II	31-Dec-22
Gillespie Ditch Pipeline	20-Mar-20	II	31-Dec-22
HBL Water Well & Pipeline	20-Mar-20	I	31-Dec-22
Heidrich Ditch Diversion Rehabilitation	20-Mar-20	II	31-Dec-22
Horse Creek Watershed Project 1	20-Mar-20	I	31-Dec-22
Lower Snake River Ranch Bank Stabilization & Fish Habitat	20-Mar-20	I	31-Dec-22
Lyon Solar Well	20-Mar-20	I	31-Dec-22
Lyon Stock Well Project	20-Mar-20	I	31-Dec-22
Miller Well	20-Mar-20	I	31-Dec-22
Muddy Creek Wetland BDA	20-Mar-20	I	31-Dec-22
Peralta Ditch Conveyance Pipeline	20-Mar-20	II	31-Dec-22
Prospect Mountain No 2	20-Mar-20	I	31-Dec-22
Repshire Solar Stock Well	20-Mar-20	I	31-Dec-22
South Park Wildlife Habitat Management Area Wetland Enhancement	20-Mar-20	I	31-Dec-22

Trough Springs Pond	20-Mar-20	I	31-Dec-22
Upper Blue Spring	20-Mar-20	I	31-Dec-22
Anderson Stock Pipeline	19-Mar-21	I	31-Dec-23
Broadbent Spring Development	19-Mar-21	I	31-Dec-23
CM Stock Water Well	19-Mar-21	I	31-Dec-23
Coal Bank Well	19-Mar-21	I	31-Dec-23
Cotton Farms Diversion & Pipeline	19-Mar-21	II	31-Dec-23
Cuin Livestock Pipeline 2021	19-Mar-21	I	31-Dec-23
Cyclone Rim Stock Water Well	19-Mar-21	I	31-Dec-23
Doty Mountain Stock Water Well	19-Mar-21	I	31-Dec-23
Duck Pond No 5 RipRap	19-Mar-21	II	31-Dec-23
Duck Pond No 6 Enlargement	19-Mar-21	I	31-Dec-23
Dutch Joe Pipeline	19-Mar-21	I	31-Dec-23
East Muddy Creek Drop Structure & Headgate Replacement	19-Mar-21	I	31-Dec-23
EC Irrigation Pipeline	19-Mar-21	I	31-Dec-23
Evans Stock Water Pond & Pipeline	19-Mar-21	I	31-Dec-23
Gentle Stock Diversion	19-Mar-21	I	31-Dec-23
HE Irrigation	19-Mar-21	I	31-Dec-23
High Savery Dam Tailwater Restoration 2021	19-Mar-21	I	31-Dec-23
HL Irrigation Pipeline	19-Mar-21	I	31-Dec-23
Hoblit Dam	19-Mar-21	I	31-Dec-23
Johnson No 1	19-Mar-21	I	31-Dec-23
Johnson Ranch Stock Pond Wetland & Irrigation	19-Mar-21	I	31-Dec-23
Ladder Irrigation Pipeline	19-Mar-21	I	31-Dec-23
Meade Creek Irrigation Pipeline	19-Mar-21	I	31-Dec-23
Mill Creek Irrigation Improvement Phase II	19-Mar-21	II	31-Dec-23
Morrel Ditch No 2 Diversion	19-Mar-21	II	31-Dec-23
MS Stock Water Pipeline Extension	19-Mar-21	I	31-Dec-23
North Baggs Grazing Allotment Stock Water Pipeline 2021	19-Mar-21	I	31-Dec-23
Overy Ground Irrigation Improvements	19-Mar-21	I	31-Dec-23
Owl Creek Subdivision - Fire Water Storage	19-Mar-21	I	31-Dec-23
Page Well & Pipeline	19-Mar-21	I	31-Dec-23
Regan Tunnel New Stock Water Well	19-Mar-21	I	31-Dec-23
Roaring Fork Sheep Pipeline	19-Mar-21	I	31-Dec-23
Sanchez Solar Stock Well & Tank	19-Mar-21	I	31-Dec-23
Section 16 Stock Well Conversion	19-Mar-21	II	31-Dec-23
Snowbank Stock Water Well	19-Mar-21	I	31-Dec-23
Solar Conversions 60, 61, 65, 66	19-Mar-21	I	31-Dec-23
Solar Conversions 62, 63, 64, 67	19-Mar-21	I	31-Dec-23
Solar Conversions 68, 69, 70, 72	19-Mar-21	I	31-Dec-23

Solar Conversions 71, 73, 74, 75	19-Mar-21	I	31-Dec-23
South Flat Creek Channel Restoration Phase II	19-Mar-21	I	31-Dec-23
South Flat Creek Fish Passage & Irrigation Improvements	19-Mar-21	II	31-Dec-23
State Land Irrigation Development	19-Mar-21	I	31-Dec-23
State Section 10 Stock Well 2021	19-Mar-21	I	31-Dec-23
Tin Can Alley Check Structure	19-Mar-21	II	31-Dec-23
Tuvell Spring Development	19-Mar-21	I	31-Dec-23
West Muddy Creek Drop Structure Rehab & Headgate Replacement	19-Mar-21	I	31-Dec-23
Wild Cow Stock Water Pipeline	19-Mar-21	I	31-Dec-23
Wild Cow Stock Water Well	19-Mar-21	I	31-Dec-23
67 Reservoir	16-Mar-22	II	31-Dec-24
789 Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Avent Ditch Headgate & Pipeline	16-Mar-22	II	31-Dec-24
Bailey No 1 Stock Reservoir	16-Mar-22	I	31-Dec-24
Big Creek Well & Pipeline	16-Mar-22	I	31-Dec-24
Big Gulch Stock Water Well	16-Mar-22	I	31-Dec-24
Blue Mountain Bench Fire Suppression Water Cistern	16-Mar-22	I	31-Dec-24
Box Reservoir & Well	16-Mar-22	I	31-Dec-24
Britt Wilson Small Water Project	16-Mar-22	I	31-Dec-24
Broadbent Section 25 Well	16-Mar-22	I	31-Dec-24
Butterfield Draw - Piney Creek Stockwater Development	16-Mar-22	I	31-Dec-24
Byrd Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Clark Stock Extension	16-Mar-22	I	31-Dec-24
Clear Creek - Powder River Stockwater Development	16-Mar-22	II	31-Dec-24
Cottonwood Rim Well No 1	16-Mar-22	I	31-Dec-24
Cottonwood Rim Well No 2	16-Mar-22	I	31-Dec-24
Criss Project No 2	16-Mar-22	I	31-Dec-24
Dad Juniper Livestock Pipeline North	16-Mar-22	I	31-Dec-24
Dad Juniper Livestock Pipeline South	16-Mar-22	I	31-Dec-24
Dana Meadows Stock Water Development	16-Mar-22	II	31-Dec-24
Dead Shot No 1 Reservoir	16-Mar-22	I	31-Dec-24
Deselms Stock Water	16-Mar-22	I	31-Dec-24
Dew Homestead Dike Wetland Rehabilitation & Enhancement	16-Mar-22	II	31-Dec-24
Dixon Ditch Lining	16-Mar-22	I	31-Dec-24
Dow Prong - Dutch Creek Stockwater Development	16-Mar-22	I	31-Dec-24
Farthing Ditch Diversion	16-Mar-22	II	31-Dec-24
Five Mile Point State Water Well	16-Mar-22	I	31-Dec-24
Flitner Pipeline & Headgate	16-Mar-22	I	31-Dec-24
Geier - Tavegia USFS Livestock Pipeline	16-Mar-22	I	31-Dec-24
Gilchrist Ditch No 1	16-Mar-22	II	31-Dec-24

Gill Diversion	16-Mar-22	I	31-Dec-24
H&C LLC North Baggs Grazing Allotment Pond	16-Mar-22	I	31-Dec-24
High Savery Dam Tailwater Restoration 2022	16-Mar-22	I	31-Dec-24
Hiser Well & Pipeline Extension	16-Mar-22	I	31-Dec-24
Hopkins - Hamilton 6A	16-Mar-22	I	31-Dec-24
Hopkins - Hamilton 6B	16-Mar-22	I	31-Dec-24
Horse Creek - Horse Creek Lateral Diversion	16-Mar-22	II	31-Dec-24
Horse Creek - Lawrence Diversion	16-Mar-22	II	31-Dec-24
Hume Homestead Spring Diversion	16-Mar-22	I	31-Dec-24
J Hamilton Site 1A	16-Mar-22	I	31-Dec-24
J Hamilton Site 1B	16-Mar-22	I	31-Dec-24
Jensen Pipeline Extension	16-Mar-22	I	31-Dec-24
JR Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Kershner Ditch Pipeline	16-Mar-22	I	31-Dec-24
Lower North Platte River - Lerwick Eastern Pasture	16-Mar-22	I	31-Dec-24
Lower North Platte River - Lerwick Western Pasture	16-Mar-22	I	31-Dec-24
McNiven Pipeline	16-Mar-22	I	31-Dec-24
Mesa Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Murray Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Nicholas Solar Pump Pipeline & Tank	16-Mar-22	I	31-Dec-24
Orchard Reach River Restoration	16-Mar-22	I	31-Dec-24
Paxton Sediment Basin & Pipeline	16-Mar-22	I	31-Dec-24
Pointe Reservoir Fishery Well	16-Mar-22	I	31-Dec-24
Putney Ditch Pipeline	16-Mar-22	I	31-Dec-24
Rafter T Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Red Wash Stock Water Well 19-97-35	16-Mar-22	I	31-Dec-24
Repshire South Pasture Stock Water	16-Mar-22	I	31-Dec-24
RR Water Control Structures	16-Mar-22	II	31-Dec-24
Salamander Well No 1	16-Mar-22	I	31-Dec-24
Slide Draw Stock Water Well 18-90-15	16-Mar-22	I	31-Dec-24
South Red Desert Stock Ponds Rehabilitation	16-Mar-22	II	31-Dec-24
Spring Gulch Well Rehabilitation	16-Mar-22	II	31-Dec-24
Springfield Ranch Livestock Water Improvement	16-Mar-22	I	31-Dec-24
Sugarloaf Livestock Pipeline	16-Mar-22	I	31-Dec-24
Surface Water Pond for Fire Suppression	16-Mar-22	I	31-Dec-24
That Woman No 2 Well	16-Mar-22	I	31-Dec-24
Thompson Lateral Pipeline - Phase 1	16-Mar-22	I	31-Dec-24
Van Fleet Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Whaley Headgate	16-Mar-22	II	31-Dec-24
Willie Ditch Lining	16-Mar-22	I	31-Dec-24
Yellowcalf Diversion Structure/Blackburn Ditch Pipeline	16-Mar-22	II	31-Dec-24

112. PROJECT: South End Water Users ISD Transmission

LEVEL: II
SPONSOR: South End Water Users Improvement & Service District
LOCATION: Big Horn County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	75	2008	I	$ 1,366,800	2013
Level III	141	2013	I	$ 554,023	2018
Level I	168	2015	I	$ 135,000	2018
Leve III	75	2017	I	$ 3,155,700	2022
Level II	150	2020	I	$ 142,000	2023

PROJECT INFORMATION:

The South End Water Users Improvement and Service District (SEWU-ISD) is a small rural water system located in Big Horn County, Wyoming, adjacent to, and south of, the Town of Cowley. The District formed in 1985 and serves 57 taps and approximately 160 county residents. The District is supplied from the Town of Cowley water system and their artesian Madison #1 well (~2,200-foot, 1983), which is located approximately 6.5 miles northeast of Town. The SEWU system currently operates ~39,100 feet of 6-inch PVC line and ~13,500 feet of 4-inch PVC line.

The following items were recommended for the South End Water Users (SEWU) ISD water system in the Level II report:

- Cost Estimate ~$2,275,000; Northwest Loop: The top priority is the replacement of the existing West End Bublitz-Hoffman Loop with a new 6-inch PVC pipeline.
- Cost Estimate ~$3,425,000; Lane 9 Extension; which includes ~$460,000 for the Road 7 replacement of an under-sized portion: Constructing approximately 6 miles of new 6-inch PVC pipeline for the SEWU Lane 9 Extension to increase West End system capacity.
- Cost Estimate ~$990,000; Lane 8 Extension: Constructing a new 6-inch PVC pipeline along SEWU Lane 8 and connecting to the Town of Cowley system.
- Cost Estimate ~$900,000; West End Tie-In: Connecting the groundwater SEWU system to the surface-water supplied, Shoshone Municipal Pipeline (SMP) along Highway 14A to utilize this system as a backup supply to provide water to the Town of Deaver from Lovell or vice-versa.
- Increase the water-level elevation in the Town of Cowley water tank by 10 feet, thereby increasing the water pressure throughout the tank pressure zone.
- Increase the pressure settings on the pressure reducing valve (PRV) at the Cannery Control Building (CCB) from 70/85 psi to 80/95 psi to allow for increased system pressure.
- Follow the Town of Cowley flushing and general maintenance to reduce the ‘old age’ water in parts of the system.

The total of all Level II recommended SEWU-ISD system improvements will be approximately $7.6 million over time.

The SEWU Level II study commenced in April, 2020 and was completed in May, 2022. In August 2022, the SEWU applied for a 2023 Level III construction project based on the results of this 2022 Level II feasibility study.

113. PROJECT: Sponsor's Contingency Funds-Accounts I, II and III

LEVEL: III
SPONSOR: Qualifying Level III Sponsors
LOCATION: Statewide
PROGRAM: New Development, Rehabilitation, Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Sponsor's Contingency	105	2006	I	$ 2,000,000	2010
Sponsor's Contingency	68	2010	I	$ 0	2013*
Sponsor's Contingency	14	2012	I	$ 0	2015*
Sponsor's Contingency	167	2015	I	$ 0	2017*
Sponsor's Contingency	75	2017	I	$ 0	2025*
Sponsor's Contingency	55	2019	I	$ 1,000,000	2025†
Sponsor's Contingency	105	2006	II	$ 500,000	2010
Sponsor's Contingency	75	2008	II	$ 500,000	2013†
Sponsor's Contingency	68	2010	II	$ 0	2013*
Sponsor's Contingency	14	2012	II	$ 300,000	2015††
Sponsor's Contingency	167	2015	II	$ 500,000	2017††
Sponsor's Contingency	75	2017	II	$ 0	2025*
Sponsor's Contingency	55	2019	II	$ 700,000	2025†
Sponsor's Contingency	113	2020	II	$ 1,000,000	2025†
Sponsor's Contingency	12	2021	II	$ 1,500,000	2026††
Sponsor's Contingency	113	2020	III	$ 10,000,000	2030††
Sponsor's Contingency	93	2022	III	$ 35,000,000	2030†

*Time Extension Only
†Appropriation Increase Only
††Appropriation increase and time extension.

PROJECT INFORMATION:
These funds provide supplemental funding for existing Level III construction projects when construction budgets are insufficient due to inflation and the rapid increase in materials costs. The funds are typically used after construction bids are received and when it is apparent that there are not enough funds in the existing Level III appropriation to award the project. The availability of these funds allows for the award of the construction contract without delays. The purpose of the fund is to avoid delays and increased project costs. Use of funds in this account must be approved by the WWDC.

114. PROJECT: State Water Plan

LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Statewide
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
State Plan	1	1996	N/A	$ N/A	1996
Aerial Photo	1	1996	I	$ 250,000	1998
State Plan	46	1997	I	$ 250,000	1998
Basin Plan	30	1998	I	$ 250,000	2000
State Water Plan	81	1999	I	$ 1,435,000	2001
State Water Plan	36	2000	I	$ 800,000	2002
State Water Plan	86	2001	I	$ 1,550,000	2003

State Water Plan	125	2003	I	$	600,000	2006
Framework Water Plan	75	2005	I	$	500,000	2007
State Water Plan	85	2007	I	$	600,000	2008
Wind/Bighorn Basin	33	2008	I	$	500,000	2010
Green River DSS	66	2009	I	$	250,000	2010
Platte River Basin GW	66	2009	I	$	250,000	2010
Rec/Env. Study	32	2010	I	$	75,000	2012
Bear River Basin GW	32	2010	I	$	175,000	2012
Snake/Salt Basin GW	1	2011	I	$	250,000	2014
Platte Basin Update	74	2014	I	$	350,000	2016
Powder/Tongue and Northeast Basin Update	168	2015	I	$	375,000	2018
Powder/Tongue and Northeast GW	168	2015	I	$	275,000	2018
Basin Planning: Environmental and Recreational Use Study	38	2016	I	$	100,000	2019
Bear River Data Model Pilot Study	38	2016	I	$	120,000	2019
GIS Data Model Implementation	94	2018	I	$	115,000	2021
NHD Plus HR and StreamStats – Phase I and II	94	2018	I	$	240,000	2021
Water Supply Index	94	2018	I	$	170,000	2021
StreamStats – Phase III and IV	105	2019	I	$	631,000	2022

PROJECT INFORMATION:

In 1996, the Wyoming Legislature directed the Wyoming Water Development Commission (WWDC) and the State Engineer's Office (SEO) to develop a proposal for updating the state's Framework Water Plan. WWDC and the SEO prepared and submitted a proposal for updating the 1973 Framework Water Plan and for establishing a statewide planning process to the Governor and the Select Water Committee in October of 1996. During the 1997 Legislative Session, $250,000 was appropriated from Water Development Account I enabling a feasibility study to determine the costs and methods of implementing a new water planning process. The study concluded that a plan for the seven major river basins should be developed, and that a water planning website should be developed to present the data.

During 1997 and 1998, the WWDC undertook a pilot study in the Bear River Basin to test data collection, information dissemination, and presentation methods. A coordination process was developed to present information on the Statewide Water Planning Process and to obtain input from interested parties. The group of citizens and officials assembled as part of the planning process was named the Basin Advisory Group. The Basin Advisory Group coordination process was implemented in each basin to gain input from individuals, private interest groups, and local, state, and federal agencies.

Following authorization by the 1999 Legislature, the WWDC formally established a River Basin Planning section to implement the Statewide Water Planning Process. The state was divided into seven major river basins for study: Bear, Green, Powder/Tongue, Northeast, Wind/Bighorn, Snake/Salt, and the Platte. The culmination of the seven basin planning efforts led to the development of the Framework Water Plan which aggregates all of the information from each basin plan into one major document. Following the Framework Water Plan, the individual Basin Plans were targeted for updates. It is the intent of River Basin Planning to keep the basin plans updated so the data is current while remaining dynamic to include

the study of new issues and gather/develop new pertinent data for the State. In addition to basin plans, there are other studies that were done as part of River Basin planning. These studies are developed where information is required and to focus on more specific issues that basin planning can help to identify and solve.

River Basin Plans are designed to collect large amounts of data and create data summaries where needed. Examples of work products that were created are hydrologic models, irrigated lands mapping, population projections, and current water use and future water use for all categories of users.

In 2018, the WWDO's River Basin Planning efforts were launched in a new direction, to include refining River Basin planning. With that, appropriations were received for three projects: the GIS Data Model Implementation, NHD Plus HR and StreamStats, and the Water Supply Index. Please see the project listing under "Other" for a brief summary of these projects. Following are summaries for each Basin Plan, Groundwater Plan, the Framework Water Plan, and other River Basin planning studies:

Bear River Basin
1999 – Legislature authorized the first Bear River Basin Plan which was completed in 2001.
2010 – Legislature authorized the Bear River Groundwater Study which was completed in 2014.
2012 – A staff planning team from the WWDO, SEO and the University of Wyoming, Water Resources Data System (WRDS) offices completed an update of the Bear River Basin Plan.

Green River Basin
1999 – Legislature authorized the first Green River Basin Plan which was completed in 2001.
2007 – Legislature authorized the Green River Basin Plan Update and the Green River Basin Groundwater Plan. Both were completed in 2010.

Powder/Tongue River Basin
2000 – Legislature authorized the Powder/Tongue River Basin Plan which was completed in 2002.
2015 – Legislature authorized the Powder/Tongue and Northeast River Basin Plan Update (see Powder/Tongue Northeast River Basin Plan Update) and the Powder/Tongue and Northeast and Groundwater Analysis (see Powder/Tongue Northeast Groundwater Analysis).

Northeast River Basin
2000 – Legislature authorized the Northeast River Basin Plan which was completed in 2002.
2015 – Legislature authorized the Powder/Tongue and Northeast River Basin Plan Update (see Powder/Tongue Northeast River Basin Plan Update) and the Powder/Tongue and Northeast and Groundwater Analysis (see Powder/Tongue Northeast Groundwater Analysis).

Wind/Bighorn River Basin
2001 – Legislature authorized the Wind/Bighorn River Basin Plan which was completed in 2003.
2008 – Legislature authorized the Wind/Bighorn River Basin Plan Update and the Groundwater Plan. The Basin plan was completed in 2010, and the groundwater plan was completed in 2011.

Snake/Salt River Basin
2001 – Legislature authorized the Snake/Salt River Basin Plan which was completed in 2003.
2011 – Legislature authorized the Snake/Salt River Basin – Groundwater Analysis. The study was completed in 2014.
2014 – A staff planning team from the WWDO, SEO and the University of Wyoming, Water Resources Data System (WRDS) offices completed an update of the Snake/Salt River Basin Plan.

Platte River Basin
2003 – Legislature authorized the Platte River Basin Plan in 2003 which was completed in 2006.
2009 – Legislature authorized the Platte River Basin Groundwater study which was completed in the spring of 2014.
2014 – Legislature authorized the Platte River Basin Plan Update. (See Platte River Basin Plan Update)

Framework Water Plan
2005 – Legislature authorized the Framework Water Plan. The Plan was initiated in June 2006, and included a summary of the seven River Basin plans and a projection of future demands. The Framework was completed in 2007.

Other
2009 – Legislature authorized the Green River Decision Support System Feasibility Study. This study determined the feasibility for the development of a decision support system (DSS) in the Green River Basin. The DSS consists of extensive databases and water right's allocation, and consumptive use models.
2010 – Legislature authorized the Recreation and Environmental Study. The study assisted the Office in developing methodologies to define environmental and recreational water demands and benefits, and to incorporate this information in the river basin planning. The study was completed in 2011.
2016 – Legislature authorized the Basin Planning: Environmental and Recreational Use Study in the Bear, Green and Wind/Bighorn Basins (see Basin Planning: Environmental and Recreational Use Study) and the Bear River Data Model Pilot Study to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.
2018 – Legislature authorized River Basin Planning - GIS Data Model Implementation, River Basin Planning - NHD Plus HR and StreamStats – Phase I and II and River Basin Planning - Water Supply Index to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.
2019 – Legislature authorized River Basin Planning – StreamStats – Phase III and IV to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.

115. PROJECT: Statewide Water Research
LEVEL: I
SPONSOR: State of Wyoming
LOCATION: Statewide
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	30	1998	I	$ 41,584	2000
Level I	36	2000	I	$140,000	2002
Level I	86	2001	II	$140,000	2002
Level I	7	2002	I	$200,000	2004
Level I	125	2003	I	$200,000	2004
Level I	31	2004	I	$200,000	2006
Level I	75	2005	I	$200,000	2006
Level I	99	2006	I	$300,000	2008
Level I	85	2007	I	$300,000	2008
Level I	33	2008	I	$300,000	2010
Level I	66	2009	I	$300,000	2010
Level I	32	2010	I	$300,000	2012
Level I	1	2011	I	$300,000	2012
Level I	57	2012	I	$400,000	2014

Level I	66	2013	I	$400,000	2014
Level I	74	2014	I	$319,000	2017
Level I	168	2015	I	$397,338	2018
Level I	38	2016	I	$311,328	2019
Level I	65	2017	I	$384,529	2020
Level I	94	2018	I	$285,150	2021
Level I	105	2019	I	$350,511	2022
Level I	150	2020	I	$243,888	2023
Level I	11	2021	I	$283,454	2024
Level I	84	2022	I	$310,277	2025

PROJECT INFORMATION:

The University of Wyoming's Office of Water Programs annually solicits Wyoming stakeholders to identify areas of needed water research to be conducted by the University. The Advisory Committee, made up of federal and state agency representatives, prioritizes these topics in concert with the Wyoming Water Development Commission and Legislative Select Water Committee and issues a request for proposals to address these areas of concern. From these requests, proposals are ranked by the Advisory Committee based on peer-reviewed selection criteria. The WWDC and SWC then select projects for funding, with Wyoming Water Development Commission funds being augmented with those from the United States Geological Survey (USGS) and the University of Wyoming. The USGS's annual appropriation is approximately $100,000. Research projects in process are listed below:

- Evaluation of Critical Minerals (CMs) Deposits, Mainly Lithium (Li) and Rare Earth Elements (REEs), in Wyoming as well as the Economic Viability of Mining These Resources
- Economic Impacts of Curtailment and Demand Management in the Wyoming Colorado River Basin
- Improved Forecasting of Water Content Spatial Distribution and Aquifer Potential Assessment Using Geostatistical and Hydro-Geophysical Methods
- Improving Hydrologic Predictions in Wyoming's Headwaters Through Detailed Quantification of Snowmelt
- Identifying, Predicting and Managing the Occurrence of Harmful Cyanobacterial Blooms in Wyoming Reservoirs
- Understanding the Contribution of Different Microbial Sources to Surface Water for Informed Management of Waterborne Pathogens in Wyoming
- Sediment and Fisheries: An Assessment to Inform Sediment Management Practices at Wyoming Dams

116. PROJECT: Torrington Well Connection 2021

LEVEL: III
SPONSOR: City of Torrington
LOCATION: Goshen County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	8/15	1995/96	I	$ 250,000	1998/99
Level III	38	1998	I	$ 4,500,000	2002/2007
Level III	88	2002	I	$ 96,000	2007
Level I	105	2019	I	$ 174,000	2022
Level III	12	2021	I	$ 389,270	2026*

*67% grant

PROJECT INFORMATION:
The project is to connect a new well, completed under a Ground Water Grant, to the City of Torrington's water system. The City of Torrington operates a municipal system with about 3,000 taps. Source supply is 5 wells completed in the valley fill (Quaternary-age alluvium) of the North Platte River and the wells have a total average yield of 4,800 gpm. The supplied groundwater is treated at the Central Water Plant by reverse osmosis/blending/chlorination and stored in above-ground tanks with a total capacity of 3.03 million gallons. Torrington received a Ground Water [Exploration] Grant to install an emergency supply well which has been completed. The Level III project is for the Well house, necessary piping, pumps and SCADA components to bring the new well on-line. The well is complete and test results established high nitrate levels in the water supply. The project is under design, but is being slowed, as the town explores treatment or mixing options for the well.

117. **PROJECT:** **Upton Water Master Plan**
LEVEL: I
SPONSOR: Town of Upton
LOCATION: Weston County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	123	1990	I	$ 150,000	1993
Level III	231	1991	I	$ 365,000	1994
Level III	88	2002	II	$ 158,800	2007
Level III	85	2007	I	$ 75,000	2010
Level III	38	2009	I	$ 395,000	2014
Level I	11	2021	I	$ 153,000	2024

PROJECT INFORMATION:
In February 2020, the Town of Upton requested a Level I water master plan study to evaluate the current condition of their water system and to provide the tools and guidance necessary to assist in the planning, rehabilitation, upgrading, and managing of their system. The plan will serve as a framework to establish project priorities and to perform the financial planning necessary to meet those priorities. The plan will also provide reconnaissance-level information regarding costs and scheduling. The Town of Upton is located in Weston County and resides within the Cheyenne River Basin. The Town has a population of 1,100 people and they are served through 525 taps within the corporate limits and 2 taps outside of the corporate limits. The Town is supplied with Madison Limestone aquifer groundwater from three (3) wells and the wells have a total average yield estimated to be approximately 1,100 gpm. The groundwater is treated by chlorination and stored in four (4) storage tanks with a total capacity of 900,000 gallons. The Level I study commenced in May, 2021 and is anticipated to be completed by the end of 2022.

118. **PROJECT:** **West Afton/Nield String Master Plan**
LEVEL: I
SPONSOR: West Afton/Nield String Sprinkler Companies
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	84	2022	II	$ 88,000	2025

PROJECT INFORMATION:
The West Afton and Nield String Sprinkler Companies sponsored a Level I reconnaissance study to determine the current condition and future needs for agricultural water delivery to 101 landowners. The pipeline serving both Companies originates at a common diversion structure at the mouth of Swift Creek Canyon just east of Afton. The pipeline is estimated to be 12 to 14 miles in length and provides gravity flow irrigation water to the service area. The irrigation systems were installed in 1976 (West Afton) and 1961 (Nield String). The conveyances include both metal pipe and PVC and when leakage is discovered within the system it is considerable. Currently, the diversion feeding the system functions well. There are minor issues with the headgates and the diversion screens need to be replaced.

The study will provide a comprehensive assessment to prioritize major maintenance and rehabilitation projects. Recommendations will also be made to address system operations such as the addition of measuring devices. As ownership of properties change hands or land use changes, future rehabilitation and additional gaging will be of benefit to ensure water is used efficiently and allocated appropriately. Work to date has included evaluation of the current condition of conveyances and structures and development of options for becoming a public entity. The study is scheduled for completion September, 2023.

119. PROJECT: West Fork Reservoir (Little Snake Supplemental Storage)

LEVEL: II
SPONSOR: Savery-Little Snake River Water Conservancy District
LOCATION: Carbon County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	33	2008	III	$ 250,000	2010
Level II	32	2010	III	$ 300,000	2012
Level II	66	2013	III	$ 7,000,000	2016
Level II	66	2013	III	$ (6,220,000)	2016
Level II	65	2017	III	$ 6,220,000	2022
Level III	121	2018	III	$ 4,698,000	2026
Level II	84	2022	III	$ 0	2027*

*Time Extension of 2017 Appropriation

PROJECT INFORMATION:
In 2007, the Savery-Little Snake River Water Conservancy District (District) and the Little Snake River Conservation District requested an appropriation of $15 million for Level III funding to finance construction of a dam and reservoir to provide supplemental late season irrigation water to lands within the Little Snake River Basin. The request was in response to the unmet demand for supplemental irrigation water in the Little Snake River Basin. However, the WWDC recommended a Level II study be initiated instead.

In 2008, the District sponsored the Little Snake River Supplemental Storage Level II feasibility analysis which was carried out to identify location and timing of irrigation shortages, determine purpose and need for storage within the Little Snake River Basin, and to analyze storage alternatives. Considering the shortage reductions resulting from the High Savery Reservoir project, alternatives analysis concentrated on smaller storage sites to further reduce the remaining shortages. The identification and screening of thirteen alternatives clearly indicated that one site, West Fork, was the best alternative from a federal permitting and multiple purpose perspective to serve the needs of the District.

In 2010, additional analysis was undertaken to refine the project to the status necessary to advance to permitting and design. During this time, it was determined that the project was feasible, but it became apparent that the one of the reservoir's major supply tributaries, Haggarty Creek would require additional data collection for the NEPA permitting process to be completed. The West Fork Reservoir site is located approximately 7 miles downstream of the inactive Ferris-Haggarty Mine. This mine has impacted stream ecology for over 100 years by discharging copper laden water to Haggarty Creek. Although copper presented significant challenges for the project to overcome, it also presented opportunities for environmental benefits. Furthermore, as eluded to, from wetland, terrestrial wildlife, fishery, sensitive plant species, and cultural perspectives, erecting a dam on the West Fork site, when compared to other potential sites, exhibited the least adverse environmental impact.

In 2013, an appropriation for $7,000,000 was granted by the Legislature to complete water quality analysis, update hydrologic modeling with temporary stream gauging, procure NEPA liaison services, and complete permitting and final design. Hydrologic modeling has been updated and refined with additional data, resulting in estimated average annual irrigation shortages in the West Fork Reservoir service area of 3,600 acre-feet and much higher in some years. A series of water quality and sediment samples have been collected and analyzed, compared against historic water quality data, as well as discussed at length with WYDEQ. Results indicate that post-project conditions will be equal to or better than current water quality conditions experienced in Haggarty Creek, therefore confirming the feasibility in moving forward with permitting and design of the West Fork Reservoir site. The 2013 appropriation not obligated by contract (approx. $6.22M) reverted to Water Development Account III in 2016 and was subsequently re-appropriated in 2017.

An economic analysis of the project indicates a benefit-cost ratio greater than one. Furthermore, the public benefit for the life of the project would justify a 90%+ grant, making West Fork Reservoir affordable for the District. A legislated land exchange with the U.S. Forest Service was originally discussed and would have required Federal legislation. In 2018, a request was made to the Legislature to appropriate $40M of the $73M required for project construction. A portion of the request ($4.698M) was appropriated with special conditions related to securing additional funding commitments from project beneficiaries in both Wyoming and Colorado on a pro rata basis. Discussions with State of Colorado officials were initiated to describe the project as well as the benefits that accrue to lands within both states. All entities have expressed support for additional storage in the Little Snake/Yampa River drainages and support for the West Fork project. In 2019, the Savery-Little Snake River Water Conservancy District and the Pothook Water Conservancy District jointly applied for financial assistance through the NRCS PL-566 program. A 50% grant in the amount of $1.25M was awarded for watershed planning and NEPA. A Third-Party NEPA Consultant has now been hired to complete a Watershed Project Plan – EIS that will address the issues and analyze a range of alternatives for the West Fork Reservoir Project and associated USFS administrative Land Exchange. This work is underway and progressing according to schedule.

Construction of West Fork Dam and Reservoir will provide supplemental late season irrigation water to lands within the Little Snake River Basin which includes lands in both Wyoming and Colorado. At the same time, the project will provide secondary environmental benefits to the watershed. The 10,000 acre-foot reservoir could have a 6,500 acre-foot active irrigation account, 2,000 acre-foot conservation pool, and a 1,500 acre-foot minimum streamflow bypass account. Managing the new reservoir in conjunction with the existing High Savery Reservoir would have benefits throughout the Basin.

120 **PROJECT: Wheatland Irrigation District Tunnel Dam Rehabilitation 2019**
LEVEL: III
SPONSOR: Wheatland Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	65	2017	II	$ 150,000	2020
Level III	55	2019	II	$ 388,000	2024*
Level III	113	2020	II	$5,538,000	2024†

*67% grant, 33% loan

†The 2019 appropriation of $388,000 was increased by $5,150,000 to $5,538,000.

PROJECT INFORMATION:

During the 2017 General Session, the Wheatland Irrigation District (WID) requested, and received, funding to conduct a Level II Feasibility Study to investigate rehabilitation options for the "Tunnel Dam." The Tunnel Dam is a diversion structure on the Laramie River used to create head to divert water via a tunneled conveyance through a surface water divide into Bluegrass Creek. Water is conveyed from Bluegrass Creek downstream to any number of WID's diversions and used throughout the District for irrigation on approximately 54,000 acres of high value cropland.

The Tunnel Dam, originally constructed in approximately 1901, has previously been resurfaced; however, the repairs are failing. The face and toe of the dam are dilapidated and there is extensive scouring, spalling, and exposed rebar which is plainly visible, and the outlet works that allow live stream flow to bypass the structure are no longer functioning. This structure is utilized to deliver stored irrigation water from upstream reservoir facilities and is absolutely crucial to the delivery of water within WID.

Rehabilitation options for the structure were analyzed at its current location, as well as at two alternate locations. The on-site investigation included surveying, geotechnical investigation of the earthen embankment portion of the structure, and concrete-coring of the existing diversion dam and associated appurtenances. The report recommends to rehabilitate the existing diversion dam at its current location by installing a concrete overlay, new gate structure, sluiceway, and stilling basin. The concrete overlay design will incorporate an ogee crest and stepped spillway, allowing larger flood events to pass over the structure, eliminating the need for the auxiliary spillway. Furthermore, the larger slide gates and sluiceway will promote longevity of the rehabilitated structure by bypassing flows whenever possible and providing better sediment management on the upstream side of the diversion. Results of the stated geotechnical investigation revealed saturation and weakness in the earthen embankment portion of the structure and the floodplain deposits. Additionally, the existing left abutment wall is failing and at the end of its useful life, therefore should be removed and replaced. For these reasons, it has been recommended to excavate all of the existing dam fill and floodplain deposits to bedrock to access the abutment wall and rebuild the embankment at a 3:1 slope with the appropriate compaction.

In 2019 the Legislature appropriated $388,000 for Level III design only funding. In 2020 the Legislature appropriated $5,150,000 for project construction. The project was bid summer 2020 and was substantially completed in the fall of 2021. An accrual letter was issued on March 1, 2022 for the loan after final payments were complete.

121. PROJECT: Wheatland Water Master Plan

LEVEL: I
SPONSOR: Town of Wheatland
LOCATION: Platte County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	2	2001	I	$ 222,000	2006
Level III	69	2003	I	$ 100,000	2008
Level III	121	2007	I	$ 222,440	2012
Level I	66	2009	I	$ 150,000	2012
Level III	23	2015	I	$ 502,500	2020
Level III	55	2016	I	$ 522,600	2021
Level III	75	2017	I	$ 994,950	2022
Level I	11	2021	I	$ 125,000	2024

PROJECT INFORMATION:
In February 2020, the Town of Wheatland requested a Level I water master plan to evaluate the current condition of their water system and to provide the tools and guidance necessary to assist the planning, rehabilitation, upgrading, and managing of their system. The plan will serve as a framework for the town to establish project priorities and to perform financial planning necessary to meet those priorities. The study will also include a plan to accommodate future growth and provide reconnaissance level information regarding costs and scheduling.

The water master plan will identify the system's problems such as storage, transmission, and distribution. Specific system concerns include: conducting a life-cycle comparison for resealing the epoxy-lined Black Mountain Tank versus replacing it with a new tank; recommending options to address several areas of the town with small diameter distribution lines; and ensuring the town's wells remain within EPA compliance for water quality, particularly in regards to uranium content. The draft final report was submitted for review in early September 2022 and the study is anticipated to be completed by the end of 2022.

122. PROJECT: Wind River Inter-Tribal Council Rehabilitation 2019

LEVEL: III
SPONSORS: Eastern Shoshone and/or Northern Arapaho Tribes through the Office of the Tribal Engineer
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	II	$ 929,000	2024*

*50% grant

PROJECT INFORMATION:
The Wind River Irrigation System which is operated by the Bureau of Indian Affairs is in dire need of rehabilitation. Deferred maintenance has been estimated in the range of $90M by past studies. The tribes have taken on the task of rehabilitating the irrigation system in phases. The rehabilitation of the system will increase the efficiency of the irrigation project and as a result will allow for a longer more profitable growing season. The sponsor has not selected an engineer for the design of the next project and the project appears to be stalled at this time.

COMPLETED PROJECT REPORTS

CHAPTER 4 – COMPLETED PROJECT REPORTS

Completed Planning (Level I and II) Projects

If you require information on any of the following reports, please contact WWDO or visit our web site at wwdc.state.wy.us. Many of these reports are available on the web site and can be reviewed or downloaded:

1. Aladdin Water Supply
2. Alpine Master Plan Update
3. Alta Master Plan/Test Well
4. Arapahoe Water Supply
5. Austin and Wall Rehabilitation
6. Austin Wall Canals
7. Austin-Wall Reservoir Rehabilitation
8. Badwater-Poison Creek Watershed Study
9. Basin-Big Horn Canal
10. Basin Planning Environmental and Recreation
11. Basin Planning: Environmental and Recreational Use Study
12. Bear River Data Model Pilot Study
13. Bear River Groundwater Basin Planning
14. Bear River Hydrology Model
15. Bear River Watershed Study
16. Beaver Creek Watershed Study
17. Bedford Water Supply Master Plan
18. Belle Fourche River Watershed Study
19. Bench Canal Company Master Plan
20. Beulah Water Supply
21. Big Horn Canal Rehabilitation
22. Big Horn Regional Groundwater
23. Big Horn Regional Southern Water Supply
24. Big Laramie River Oasis Ditch Diversion Rehabilitation
25. Big Sandy Enlargement
26. Big Sandy Watershed Study
27. Big Valley & Crossed Arrows Improvement District Water Supply
28. Big Wind River Storage Study
29. Bitter Creek/East Flaming Gorge Watershed Study
30. Black Willow Water Supply
31. Blacks Fork Watershed Study
32. Bluff/Upper Bluff Irrigation Districts Master Plan
33. Boulder Flats Water Supply
34. Boulder Irrigation District Rehabilitation
35. Boulter Lake Enlargement
36. Bridger Valley Level II Reservoir Project
37. Bridger Valley Regional Water Master Plan
38. Bridger Valley Water Supply
39. Broken Wheel Ranch Master Plan
40. Buckskin Extension Master Plan/Gillette Regional
41. Buffalo Creek Watershed Study
42. Buffalo Groundwater Supply
43. Buffalo Master Plan
44. Buffalo Northwest Water Supply
45. Buffalo, Sheridan Area Water Supply System, and Lake DeSmet Regional Master Plan
46. Burns Water Supply

47. Byron Master Plan
48. Cambria/Sweetwater Water Supply
49. Canyon/Newcastle Area Water Supply
50. Casper Alcova Rehabilitation, GIS
51. Centennial Well and Master Plan
52. CBM Aquifer Storage and Retrieval
53. Cheyenne Belvoir Ranch Groundwater
54. Cheyenne Hydro Power
55. Cheyenne/Laramie County Water Service Area
56. Cheyenne Municipal Storage
57. Clear Creek Watershed Study
58. Clearmont CBM Impact
59. Clearmont Test Well Study
60. Cody Canal Irrigation District Hydropower
61. Cody Canal Laterals
62. Cody Canal Rehabilitation, GIS
63. Cody Master Plan
64. Cody Water Master Plan
65. Cokeville Reservoir
66. Cokeville Tri-Diversion Rehabilitation
67. Corner Mountain Test Well
68. Cottonwood/Grass Creek Storage
69. Cottonwood/Grass Creek Watershed Management Plan
70. Cottonwood Irrigation District Master Plan
71. Cottonwood Lake Enlargement
72. Cowley Master Plan
73. Crook County Reservoirs and Water Management
74. Crook County Rural Water Supply Plan
75. Crow Creek Groundwater Recharge
76. Crowheart Area/Dinwoody Canal System
77. Dayton Raw Water Irrigation
78. Deaver Irrigation District Master Plan Update
79. Deaver (Town of) Master Plan
80. Deer Creek Dam and Reservoir
81. Dixon Water Supply
82. Douglas Ground Water
83. Douglas Master Plan
84. Dry Creek Irrigation District Master Plan
85. Dubois Regional Water Supply
86. Eden Valley (Farson) Master Plan Level I
87. Eden Valley (Farson) Master Plan Level II
88. Eden Valley Irrigation District Master Plan
89. Eight Mile-High Plains Well
90. Encampment/Sierra Madre Water Supply
91. Enterprise Conservation Program
92. Evanston Water Master Plan
93. Evansville Master Plan
94. Fontenelle Pipeline
95. Fort Laramie Water Supply
96. Fox Ridge Extension Master Plan/Gillette Regional
97. Frannie Raw Water
98. Frannie Well Rehabilitation
99. Gillette Regional Connections

100. Gillette Regional Master Plan
101. Glenrock Master Plan
102. Goose Creek Watershed Study
103. Goshen Irrigation District Master Plan 2006
104. Goshen Re-regulating Reservoir
105. Grace Land Extension Master Plan/Gillette Regional
106. Granger Water Supply
107. Green River Basin Plan-Groundwater
108. Green River Basin Plan-Update
109. Green River Decision Support System Feasibility Study
110. Green River Groundwater Recharge and Alternate Storage
111. Green River-Rock Springs-Sweetwater County Master Plan
112. Green River/Rock Springs/Sweetwater County JPWB Pipeline Feasibility Study
113. GR/RS/SC JPWB Pump Station & Transmission
114. GR-RS-SC JPB Water Supplies
115. Green River/Rock Springs/Sweetwater County JPWB Wind River Zone Study
116. Green River West Water Supply
117. Greybull Raw Water
118. Greybull River Watershed Study
119. Greybull Tank and Master Plan
120. Greybull Valley Hydropower
121. Greybull Valley Irrigation District Storage Enlargement
122. Greybull Valley Rehabilitation, GIS
123. Greybull Valley Sunshine Diversion
124. Greybull Wells Rehabilitation
125. Guernsey Master Plan
126. Hanna Water System Level I
127. Hanna Water System Level II
128. Hanover ID Bighorn Flume Replacement
129. Hanover Irrigation District Master Plan
130. Happy Valley Water Supply
131. Hawk Springs Master Plan
132. Hawk Springs Water Supply
133. Heart Mountain Canal Rehabilitation
134. Heart Mountain Irrigation District Master Plan
135. Heart Mountain ID Return Flow Study
136. Heart Mountain Rehabilitation
137. Highland Hanover ID Pump Station
138. High Meadow Ranch, Level II
139. High Meadow Ranch Master Plan
140. Hoback Junction Rural Regional Master Plan
141. Hoback Junction Water Supply
142. Hog Island Water Master Plan
143. Hopkins Producers Irrigation District Reservoir Study
144. Horse Creek Watershed Study
145. Hot Springs State Park, Big Springs Study
146. Hyattville Water Supply
147. Indian Paintbrush Water Supply
148. Interstate Canal and Beaver Meadows Reservoir Rehabilitation
149. Irrigation Hydro Power
150. James Town/Rio Vista Water Supply
151. Jeffrey City Water Supply
152. Jons Drop Hydropower

153. Kaycee Well & Storage
154. Kemmerer-Diamondville Master Plan
155. Kemmerer/Diamondville Water Supply
156. Kennington Springs
157. Keystone and Farmers Canal Master Plan
158. Kirby Area Water Supply Study
159. Kirby Creek Watershed Study
160. Kirby Ditch Rehabilitation
161. Kirby Irrigation District Conservation Program
162. Kirby Municipal Master Plan
163. LaBarge Water Supply
164. LaGrange Water Master Plan
165. Lake DeSmet Facilities Acquisition
166. Lakeview Irrigation Master Plan
167. Lance Creek Water Supply
168. Lance Creek Well
169. Lander Master Plan
170. Lander Paleozoic Well
171. Lander Test Well Study
172. LaPrele Irrigation District Master Plan
173. Laramie County Aquifer Study
174. Laramie Water Management Study
175. Laramie Master Plan
176. LeClair Irrigation District Master Plan
177. LeClair/Riverton Valley Irrigation Storage
178. Little Snake Canals
179. Little Snake River Valley Municipal Water Supply
180. Little Snake River Watershed Study
181. Little Snake Supplemental Storage
182. Little Wind River Storage Study
183. Lodgepole Creek ASR
184. Lovell ID Hydro Power
185. Lovell ID Master Plan
186. Lovell Master Plan
187. Lower Clear Creek Irrigation District – Leiter Ditch Rehabilitation Study
188. Lower Laramie River Watershed Study
189. Lower Nowood Rural Water Supply
190. Lucerne Water Supply
191. Lusk Master Plan
192. Lusk Water Supply Study
193. Lysite Water Supply
194. Manderson Water Master Plan
195. Manville Water Supply
196. Manville Well
197. Means First Extension Master Plan/Gillette Regional Connection
198. Meeks Cabin Dam Enlargement
199. Medicine Bow River Watershed Study
200. Meeteetse Master Plan
201. Melody Ranch Water Supply Study
202. Middle Big Horn River Watershed Study
203. Middle Fork Dam
204. Middle Fork Powder Watershed Management Plan
205. Middle North Platte – Glendo Watershed Study

206. Middle North Platte Watershed
207. Middle Piney Dam Reservoir
208. Midvale Conservation Program
209. Midvale Irrigation District Hydropower Study
210. Moorcroft Master Plan
211. Newcastle Madison Well
212. New Fork River Watershed Study
213. Niobrara/Lower North Platte Rivers Watershed Study
214. North Canal-Grover
215. North Cheyenne Master Plan
216. North Fork Shoshone Water Supply
217. North Platte Water Yield Analysis
218. Northeast Wyoming Interactive Database
219. Northern Arapaho Ground Water
220. Northwest Rural Water Master Plan
221. Nowood River Watershed Study
222. Opal Master Plan
223. Opal Regional Water Supply
224. Osage Water Master Plan
225. Owl Creek Irrigation District Conservation Study
226. Owl Creek Irrigation District Lucerne Master Plan
227. Owl Creek Irrigation Master Plan
228. Owl Creek Water Supply
229. Owl Creek Watershed Study
230. Pavillion Area Water Supply
231. Pavillion Water Master Plan
232. Pavillion Water Supply
233. Pine Bluffs Master Plan
234. Pine Haven Master Plan
235. Pine Haven Tank and Well Study
236. Pinedale Hydro Power
237. Pinedale Hydro Power Study
238. Pinedale Master Plan
239. Pinedale Water Master Plan
240. Piney Cruse Diversion
241. Pioneer Rehabilitation
242. Platte Alliance Water Supply (PAWS) Study
243. Platte-Goshen Regional Master Plan
244. Platte River Basin Plan-Groundwater
245. Platte River Basin Plan Update
246. Poison Spider Pipelines
247. Popo Agie Watershed Management Plan
248. Popo Agie Watershed Study, Phase II
249. Powder River Water Supply
250. Powder/Tongue Northeast Groundwater Analysis
251. Powder/Tongue Northeast River Basin Plan Update
252. Powell Airport Water Supply
253. Probable Maximum Precipitation Study
254. Rawlins Master Plan
255. Rawlins Operations Study
256. Ray Lake Enlargement
257. River Basin Planning-GIS Data Model Implementation
258. River Basin Planning-NHDPlus and Streamstats – Phase I and II

259. River Basin Planning-Water Supply Index
260. Red Lane Master Plan
261. Rock Springs East Water Supply
262. Rock River Water Master Plan
263. Rolling Hills Groundwater Supply
264. Rolling Hills Master Plan
265. Salt Creek-Edgerton-Midwest Master Plan
266. Saratoga Groundwater
267. Saratoga Water Master Plan
268. SEO/Lusk Area Ground Water
269. Shell Canal Tunnel
270. Sheridan Municipal Watershed Wildfire Hazard Mitigation Assessment
271. Sheridan Supplemental Storage
272. Sheridan Water Master Plan
273. Shell Valley Watershed Management Plan
274. Shell Valley Storage
275. Shell Water Master Plan
276. Sheridan/Veterans Affairs Medical Center (VAMC) Water Supply Study
277. Shoshone ID Rehabilitation, GIS
278. Shoshoni Water Master Plan
279. Skyline ISD Water Supply
280. Smith's Fork Dam
281. Snake/Salt River Basin-Groundwater Analysis
282. South Big Horn County Rural Water District Expansion
283. South Circle Master Plan
284. South Garden Creek Water Supply
285. South Platte River Watershed Study
286. South Worland Water Master Plan
287. Squaw Creek Water Supply
288. Star Valley Ranch Water Supply
289. Star Valley Regional Master Plan
290. State Stream Gage System
291. Stateline Dam Enlargement
292. Sublette Creek Reservoir
293. Sundance Master Plan, Level I
294. Sundance Water System Feasibility Study
295. Sweetwater River Watershed
296. Sweetwater Water Supply
297. Tensleep/Hyattville Master Plan
298. Tensleep Water Supply
299. Thermopolis Master Plan
300. Thermopolis Storage and Raw Water
301. Three Horses Watershed Study
302. Thunder Basin Watershed Studies I and II
303. Torrington Water Master Plan
304. University of Wyoming Irrigation Water Supply
305. Upper Green River Watershed Study
306. Upper Green River Westside Storage
307. Upper Laramie River Watershed Study
308. Upper North Platte Watershed Study
309. Upper Snake River Watershed Study
310. Upper Wind River Storage
311. Viva Naughton Enlargement

312. Wagner Cherokee Irrigation Rehabilitation
313. Wamsutter Well 2010
314. Washakie County Safety
315. Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains-2016
316. Weather Modification Pilot Program
317. Weather Modification – Salt River and Wyoming Ranges
318. Weather Modification – Wyoming Range
319. Westside Irrigation NEPA
320. Wheatland ID Master Plan
321. Wheatland ID System Phase II
322. Wheatland Irrigation District Tunnel Dam Rehabilitation
323. Wheatland Master Plan
324. Willwood Irrigation District Master Plan
325. Willwood ID Rehabilitation, GIS
326. Wind River/Big Horn River Basin Plan Update
327. Wind River Glaciers
328. Worland Area Irrigated Lands GIS
329. Worland Eastside Transmission Line
330. Worland Wells Test
331. Wright Master Plan
332. Yoder Groundwater Project
333. York/South Side Ditch Master Plan

Completed Planning Instream Flow (Level I) Projects

1. Report on the Feasibility of Providing Instream Flow in a Segment of the Clarks Fork Yellowstone River
2. Report on the Feasibility of Providing Instream Flow in a Segment of the Middle Fork Powder River
3. Report on the Feasibility of Providing Instream Flow in Segment Number One of the Tongue River
4. Report on the Feasibility of Providing Instream Flow for Sand Creek
5. Report on the Feasibility of Providing Instream Flow in Segment Number One of Tensleep Creek
6. Report on the Feasibility of Providing Instream Flow in a Segment Number One of the Green River
7. Report on the Feasibility of Providing Instream Flow in New Fork River Instream Flow Segment No. 1
8. Report on the Feasibility of Providing Instream Flow in the Laramie River Instream Flow Segment No. 1
9. Report on the Feasibility of Providing Instream Flow in the Little Bighorn River Flow Segment No. 1 Temporary Filing No. 26 5/339
10. Report on the Feasibility of Providing Instream Flow in the North Cottonwood Creek Instream Flow Segment No. 1 Temporary Filing No. 26 4/388
11. Report on the Feasibility of Providing Instream Flow in the South Fork Grand Encampment River Flow Segment No. 1 Temporary Filing No. 26 5/399
12. Report on the Feasibility of Providing Instream Flow in the South Cottonwood Creek Instream Flow Segment No. 1 Temporary Filing No. 26 6/383
13. Report on the Feasibility of Providing Instream Flow in the Big Wind River - - Instream Flow Segment No. 1 Temporary Filing No. 26 5/341
14. Final Report Little Snake River Instream Flow Study Project
15. Final Report on the Feasibility of Providing Instream Flows in the Douglas Creek Drainage

16. Final Report on the Feasibility of Providing Instream Flows in the North Platte River
17. Report on the Feasibility of Providing Instream Flow in the Fish Creek Instream Flow Segment No. 1 Temporary Filing No. 27 2/186
18. Report on the Feasibility of Providing Instream Flow in the La Barge Creek Instream Flow Segment No. 1 Temporary Filing No. 27 3/146
19. Report on the Feasibility of Providing Instream Flow in the Middle Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 6/185
20. Report on the Feasibility of Providing Instream Flow in the North Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 5/185
21. Report on the Feasibility of Providing Instream Flow in the South Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 1/186
22. Feasibility of Providing Deer Creek Instream Flows in Segment No. 1 - Deer Creek Canyon Temporary Filing No. 27/3/185
23. Report on the Feasibility of Providing Instream Flow in Segments 1 and 2 of Shell Creek
24. Report on the Feasibility of Providing Instream Flow in Segment 1 of the Sweetwater River
25. Report on the Feasibility of Providing Instream Flow in Grey's River Instream Flow Segment No. 1 Temporary Filing No. 28 2/159
26. Report on the Feasibility of Providing Instream Flow in Fish Creek Instream Flow Segment No. 1 and No. 2 Temporary Filing No. 28 4/158 and No. 28 5/158
27. Report on the Feasibility of Providing Instream Flow in Salt River Instream Flow Segment No. 1 Temporary Filing No. 28 3/80
28. Report on the Feasibility of Providing Instream Flow in East Fork Smiths Fork Creek Instream Flow Segment No. 1 Temporary Filing No. 28 2/84
29. Final Report of the Savery Area Instream Flow Study
30. Report on the Feasibility of Providing Instream Flow in the Salt Creek/Thomas Fork Drainage for Water Canyon; Giraffe Creek; Coal Creek; Raymond Creek; Salt Creek; Huff Creek
31. Final Report on the Feasibility of Providing Instream Flow in the Little Popo Agie River Instream Flow Segment No. 1 Temporary Filing No. 28 3/159
32. Report on the Feasibility of Providing Instream Flow in the Medicine Lodge Creek Instream Flow Segment No. 1 Temporary Filing No. 27 2/146
33. Report on the Feasibility of Providing Instream Flow in the Salt Creek/Thomas Fork Drainage for Packstring Creek Segment; Little White Creek Segment
34. Report on the Feasibility of Providing Instream Flow in the Smiths Fork Drainage for Smiths Fork; Porcupine Creek; Hobble Creek; Coantag Creek; Coal Creek; Poker Hollow Creek; Lander Creek; Trespass Creek; North Fork Smiths Fork River
35. Report on the Feasibility of Providing Instream Flow in the Hams Fork Instream Flow Segment No. 1 Temporary Filing No. 26 2/332
36. Report on the Green River Tibutaries #2 Instream Flow for Gilbert Creek; Little Gilbert Creek; Sage Creek; Currant Creek; Trout Creek; Red Creek
37. Reports on the Feasibility of Providing Instream Flow in Pine Creek (at Pinedale) Direct Flow Instream Flow Filing No. 31 4/105 Secondary Storage Instream Flow Filing No. 31 5/70 (From Permit Nos. 4452R, 4453R & 4465R)
38. Report on the Instream Flow Feasibility for Dry Fork Tributary of the Little Big Horn Creek Segment
39. Report on the Instream Flow Feasibility for Wagonhound Creek
40. Report on the Instream Flow Feasibility for Clear Creek - Segment #1; Clear Creek - Segment #2
41. Reports on the Feasibility of Providing Instream Flows on Greybull River Tributaries
42. Reports on the Feasibility of Providing Instream Flows on Wood River Tributaries
43. Rock Creek Instream Flow Study, Rock Creek Instream Flow, TFN 33 1/276
44. Marquette Creek and Trout Creek Instream Flow, Level I Study, Marquette Creek Instream Flow, TFN 33 5/275; Trout Creek Instream Flow, TFN 33 6/275
45. East Fork Wind River Area Instream Flows, Level I Study

46. Greys-Hoback Basin Instream Flows, Level I Study
47. Muddy Creek Basin Instream Flows, Level I Study
48. Bighorn and Nowood Basins Instream Flows, Level I Study
49. Shoshone River Instream Flow Hydrologic Study (Technical Memorandum)
50. Savery Creek Instream Flow Feasibility Study (Report)
51. Bighorn Mountains Instream Flows, Level I Study
52. Sunlight Basin Instream Flows, Level I Study
53. Upper Wind River Instream Flows 2019

Completed Construction (Level III) Projects

01. PROJECT: **33 Mile Pump Station**
SPONSOR: 33 Mile Road Improvement & Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $139,695
ACTUAL EXPENDITURES: $129,827
DESCRIPTION: Construction of a booster pump station near the intersection of 33 Mile Road and Enberg Road to alleviate low water pressures being experienced by the residents.
ENGINEER: Civil Engineering Professionals, Inc., Casper, WY
CONTRACTOR: Wayne Coleman Construction, Inc., Casper, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2011

02. PROJECT: **Afton Springs Water Supply**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $450,000
ACTUAL EXPENDITURES: $450,000
DESCRIPTION: Renovation of Periodic Springs intake and pipeline to protect from rock fall
ENGINEER: BRS, Inc., Riverton, WY
CONTRACTOR: Roberts Construction, Evanston, WY
Kilroy and Company, Alpine, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 2000

03. PROJECT: **Afton Water Supply**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $2,600,000
ACTUAL EXPENDITURES: $2,518,911
DESCRIPTION: Spring renovation, pipeline, storage tank, well
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Kilroy Construction, Alpine, WY
Snyder Construction, Lyman, WY
AG SERVICES, Inc., Blackfoot, ID
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1991

04. PROJECT: **Afton Well**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $250,000
DESCRIPTION: Well house, meter, well controls and pipeline

	ENGINEER	Sunrise Engineering, Afton, WY
	CONTRACTOR:	Johnson Excavation, Inc., Inkom, ID
	YEAR COMPLETED:	2008
	SESSION LAW YEAR:	2006
05.	**PROJECT:**	**Airport Bench Water Supply**
	SPONSOR:	Airport Bench W&S District
	LOCATION:	Big Horn County (Greybull)
	PROGRAM:	New Development
	APPROPRIATION:	$225,000
	ACTUAL EXPENDITURES:	$225,000
	DESCRIPTION:	Pipeline, storage tank
	ENGINEER:	Engineering Associates, Cody, WY
	CONTRACTOR:	Whitlock Construction, Powell, WY
	YEAR COMPLETED:	1995
	SESSION LAW YEAR:	1991
06.	**PROJECT:**	**Albin 2005 Well**
	SPONSOR:	Town of Albin
	LOCATION:	Laramie County
	PROGRAM:	New Development
	APPROPRIATION:	$227,280
	ACTUAL EXPENDITURES:	$155,274
	DESCRIPTION:	Incorporate well into municipal system
	ENGINEER:	BenchMark Engineering, Cheyenne, WY
	CONTRACTOR:	Strong Construction, Inc., Torrington, WY
	YEAR COMPLETED:	2008
	SESSION LAW YEAR:	2005, 2006
07.	**PROJECT:**	**Albin Pipelines and Well Rehabilitation**
	SPONSOR:	Town of Albin
	LOCATION:	Laramie County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$235,100
	ACTUAL EXPENDITURES:	$152,073
	DESCRIPTION:	Well rehabilitation and transmission pipelines
	ENGINEER:	BenchMark Engineers, Cheyenne, WY
	CONTRACTOR:	Crow Creek Construction, Greeley, CO
	YEAR COMPLETED:	2011
	SESSION LAW YEAR:	2004
08.	**PROJECT:**	**Alpine Raw Water**
	SPONSOR:	Town of Alpine
	LOCATION:	Lincoln County
	PROGRAM:	New Development
	APPROPRIATION:	$41,700
	ACTUAL EXPENDITURES:	$ 7,409
	DESCRIPTION:	Pipeline, storage tank
	ENGINEER:	Engineering Associates, Cody, WY
	CONTRACTOR:	Whitlock Construction, Powell, WY
	YEAR COMPLETED;	2005
	SESSION LAW YEAR:	2002

09. **PROJECT:** **Alpine Water Supply**
SPONSOR: Town of Alpine
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $700,000
ACTUAL EXPENDITURES: $700,000
DESCRIPTION: Pipeline, storage tanks, well
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Kilroy Construction, Alpine, WY
ABC Tank, Salt Lake City, UT
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1995

10. **PROJECT:** **Alpine Water Supply**
SPONSOR: Town of Alpine
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $688,090
ACTUAL EXPENDITURES: $ 87,162
DESCRIPTION: Well completion and connection piping
ENGINEER: Rendezvous Engineering, Jackson, WY
CONTRACTOR: Kilroy, LLC., Afton, WY
Thomas Drilling, Afton, WY
Pump Tech Co. Inc., Idaho Falls, ID
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2007

11. **PROJECT:** **Alpine Wells Rehabilitation**
SPONSOR: Town of Alpine
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $359,790
ACTUAL EXPENDITURES: $359,720
DESCRIPTION: Well pump upgrades, emergency power generator
ENGINEER: Rendezvous Engineering, Jackson, WY
CONTRACTOR: Thomas Drilling; Afton, WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2006

12. **PROJECT:** **Alta/Targhee Towne Water Supply**
SPONSOR: Targhee Towne Water District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $466,000
ACTUAL EXPENDITURES: $418,671
DESCRIPTION: Two well completions, well houses and pipeline
ENGINEER: Rendezvous, Engineering, Jackson, WY
CONTRACTOR: Westwood Curtis Construction, Inc., Jackson WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2005

13. **PROJECT:** **American Road Water Supply Project**
SPONSOR: American Road Water and Sewer District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $132,010
DESCRIPTION: New Well
ENGINEER: Wester-Wetstein Associates, Laramie, WY
CONTRACTOR: Ruby Drilling, Gillette, WY
YEAR COMPLETED; 1999
SESSION LAW YEAR: 1997

14. **PROJECT:** **Antelope Valley Regional Connection**
SPONSOR: Antelope Valley Improvement and Service District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $201,000
ACTUAL EXPENDITURES: $201,000
DESCRIPTION: Connection to Gillette Regional System, blending vault, chlorination system, and storage tank transmission piping
ENGINEER: EnTech Inc., Sheridan, WY
CONTRACTOR: DRM, Inc., Gillette, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2014

15. **PROJECT:** **Antelope Valley Storage Facility**
SPONSOR: Antelope Valley Improvement & Service Dist.
LOCATION: Campbell County
PROGRAM: Rehabilitation
APPROPRIATION: $850,000
ACTUAL EXPENDITURES: $378,621
DESCRIPTION: Storage Tank
ENGINEER: Bruce Engineering Services, Gillette, WY
CONTRACTOR: L&T Fabrication, Gillette, WY
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1994

16. **PROJECT:** **Antelope Valley Water Supply**
SPONSOR: Antelope Valley Improvement & Service District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $102,000
ACTUAL EXPENDITURES: $ 94,107
DESCRIPTION: New Well
ENGINEER: Wester-Wetstein and Associates, Laramie, WY
CONTRACTOR: Michael's Construction, Gillette; WY
YEAR COMPLETED: 2004
SESSION LAW YEAR: 2000

17. **PROJECT:** **Arapahoe Water Supply**
SPONSOR: Northern Arapaho Tribal Business Council
LOCATION: Fremont County (Wind River Indian Reservation)
PROGRAM: New Development

APPROPRIATION: $385,250
ACTUAL EXPENDITURES: $364,077
DESCRIPTION: Water Supply
ENGINEER: Gores
CONTRACTOR: 71 Construction
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2010

18. PROJECT: Austin-Wall Canal Rehabilitation Phase I
SPONSOR: Austin-Wall Irrigation District
LOCATION: Uinta County
PROGRAM: Rehabilitation
APPROPRIATION: $1,600,000
ACTUAL EXPENDITURES: $1,411,253
DESCRIPTION: Repairs to leaking canals
ENGINEER: Sunrise Engineering, Inc., Afton, WY
CONTRACTOR: MD Nursery & Landscaping, Inc., Driggs, ID
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2013, 2014, 2015

19. PROJECT: Baggs Raw Water and Dedicated Transmission Line
SPONSOR: Town of Baggs
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $331,500
ACTUAL EXPENDITURES: $331,500
DESCRIPTION: Transmission pipeline
ENGINEER: Lidstone and Associates, Fort Collins CO
CONTRACTOR: Edward Hawley, LLC, Torrington, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2005

20. PROJECT: Baggs Water Supply
SPONSOR: Town of Baggs
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $120,000
ACTUAL EXPENDITURES: $114,519
DESCRIPTION: Construction of stream bed infiltration intake and pipeline to provide for a more reliable raw water source from the river.
ENGINEER: A.V.I. Professional Corporation, Cheyenne, WY
CONTRACTOR: High Plains Construction, Inc., Mills, WY
YEAR COMPLETED: 2003
SESSION LAW YEAR: 2001, 2003

21. PROJECT: Bairoil Water Supply
SPONSOR: Town of Bairoil
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $480,000
ACTUAL EXPENDITURES: $445,040
DESCRIPTION: To develop an alternative groundwater supply to the Battle Springs Pipeline.

	ENGINEER:	Wester-Wetstein & Associates, Laramie, WY Camp Creek Engineering, Laramie, WY
	CONTRACTOR:	Three Sons, Hanna WY Bartlett Oilfield Services, Bairoil, WY Bruce Thayer, Rawlins WY
	YEAR COMPLETED:	2006
	SESSION LAW YEAR:	2000, 2004
22.	**PROJECT:**	**Basin Area Water Supply (formerly Manderson Water Supply)/Basin Gardens Water Project**
	SPONSOR:	South Big Horn County Water Supply JPB
	LOCATION:	Big Horn County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$670,000+$5,360,000+$200,000+ $559,450=$6,789,450
	ACTUAL EXPENDITURES:	$6,566,455
	DESCRIPTION:	The project consists of wells, storage and transmission pipelines to Manderson, Basin and the surrounding areas.
	ENGINEER:	Graham, Dietz and Associates, Cody, WY
	CONTRACTOR:	Cyclone Drilling, Gillette, WY Larry's, Inc.; Gillette, WY Brandon Construction, Inc., Powell, WY Lamax Construction, Inc., Basin, WY Lamax Construction, Inc., Basin, WY
	YEAR COMPLETED:	1995-2006
	SESSION LAW YEAR:	1995, 1996, 1998, & 2003
23.	**PROJECT:**	**Basin Storage Tank**
	LEVEL:	III
	SPONSOR:	Town of Basin
	LOCATION:	Big Horn County
	PROGRAM:	New Development
	APPROPRIATION:	$1,634,000
	ACTUAL EXPENDITURES:	$ 939,928
	DESCRIPTION:	Replace two existing storage tanks with one tank
	ENGINEER:	Donnell & Allred, Inc., Worland, WY
	CONTRACTOR:	EAI, West, Loveland, CO
	YEAR COMPLETED:	2011
	SESSION LAW YEAR:	2009
24.	**PROJECT:**	**Basin Water Supply**
	SPONSOR:	Town of Basin
	LOCATION:	Big Horn County
	PROGRAM:	New Development
	APPROPRIATION:	$1,750,000
	ACTUAL EXPENDITURES:	$1,152,204
	DESCRIPTION:	Pipeline, reservoirs
	ENGINEER:	Civil Engineering Professionals, Inc., Casper, WY
	CONTRACTOR:	Larry's Inc., Gillette, WY
	YEAR COMPLETED:	1987
	SESSION LAW YEAR:	1984

25. **PROJECT:** **Bear River/Evanston Regional Pipeline**
SPONSOR: Bear River Regional Joint Powers Board
LOCATION: Uinta County
PROGRAM: New Development
APPROPRIATION: $3,699,070
ACTUAL EXPENDITURES: $3,699,070
DESCRIPTION: 25 mile regional pipeline, storage tank, inter-connect and meter building, booster pump station
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Allied Construction, Corrine, UT
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2006

26. **PROJECT:** **Bedford Water Supply**
SPONSOR: Bedford Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $1,300,000
ACTUAL EXPENDITURES: $1,151,230
DESCRIPTION: Springs, well, pipeline
ENGINEER: Forsgren Associates, Inc., Evanston, WY
CONTRACTOR: Snyder Construction, Inc., Evanston, WY
YEAR COMPLETED: 1989
SESSION LAW YEAR: 1988, 1989

27. **PROJECT:** **Bedford Water Tank**
SPONSOR: Bedford Water & Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $835,000
ACTUAL EXPENDITURES: $652,891
DESCRIPTION: 500,000 gallon Storage Tank
ENGINEER: Forsgren Associates, Inc., Evanston, WY
CONTRACTOR: Engineering America, Inc. dba EAI West, Loveland, CO
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2004, 2007

28. **PROJECT:** **Big Horn Basin Rural Water Supply**
SPONSOR: Northwest Rural Water District
LOCATION: Park and Big Horn Counties
PROGRAM: New Development
APPROPRIATION: $11,410,000
ACTUAL EXPENDITURES: $11,410,000
DESCRIPTION: Rural domestic water supply for rural Park and Big Horn Counties residents
ENGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Several
YEAR COMPLETED: 1998
SESSION LAW YEAR: 1991, 1995, 1996, 1997

29. PROJECT: **Big Horn Canal Improvements**

SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Washakie and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$693,000
ACTUAL EXPENDITURES:	$485,420
DESCRIPTION:	Elk Creek Siphon
ENGINEER:	Natural Resources Conservation Service Donnell & Allred, Inc., Worland, WY
CONTRACTOR:	Big Horn Redi-Mix, Greybull, WY
YEAR COMPLETED:	1998
SESSION LAW YEAR:	1995

30. PROJECT: **Big Horn Canal Lining**

SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Washakie and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$500,000
ACTUAL EXPENDITURES:	$500,000
DESCRIPTION:	Replacement of existing concrete canal lining
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	EHC, LLC, Deaver, WY
YEAR COMPLETED:	2009
SESSION LAW YEAR:	2008

31. PROJECT: **Big Horn Canal Rehabilitation 2009**

LEVEL:	III
SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Big Horn and Washakie Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,180,000
ACTUAL EXPENDITURES:	$ 948,866
DESCRIPTION:	Replace diversion and drop structures
ENGINEER:	Big Horn Engineering; Harrison, AR
CONTRACTOR:	CC&G, Lander WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2009, 2010

32. PROJECT: **Big Horn Canal Rehabilitation 2012**

SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Big Horn and Park Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,440,000
ACTUAL EXPENDITURES:	$1,324,060
DESCRIPTION:	Replace check-drop structure
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Big Horn Canal Irrigation District, Basin, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2012

33. PROJECT: **Big Horn Canal Underway**

SPONSOR:	Big Horn Regional Joint Powers Board
LOCATION:	Big Horn and Washakie Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$175,000
	$ 30,150*
ACTUAL EXPENDITURES:	$141,556*
DESCRIPTION:	Replace underway in Big Horn Canal
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Dale Weaver Wyoming, LLC, Powell, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2015

*$30,150 grant from Sponsor's Contingency Fund, Account II, 2017 with $24,306 expended

34. PROJECT: **Big Horn Canal Wasteway Rehabilitation 2019**

SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Washakie and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$960,000
ACTUAL EXPENDITURES:	$872,691
DESCRIPTION:	Replacement of check wasteway structure
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2019

35. PROJECT: **Big Horn Regional Joint Powers Board Pipeline**

SPONSOR:	Big Horn Regional Joint Powers Board
LOCATION:	Big Horn, Washakie, Hot Springs Counties
PROGRAM:	New Development
APPROPRIATION:	$23,838,600
ACTUAL EXPENDITURES:	$23,105,228
DESCRIPTION:	Regional transmission pipeline.
ENGINEER:	HKM Engineering; Sheridan, WY
	John Donnell - Water Rights Contractor, Worland, WY
	Engineering Associates, Cody, WY
CONTRACTOR:	Lamax Construction, Basin, WY
	COP Construction, Sheridan, WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2002, 2004, 2007, 2012

36. PROJECT: **Big Horn Regional Well Connection**

SPONSOR:	Big Horn Regional Joint Powers Board (BHRJPB)
LOCATION:	Big Horn, Hot Springs and Washakie Counties
PROGRAM:	New Development
APPROPRIATION:	$4,730,200
ACTUAL EXPENDITURES:	$4,730,200
DESCRIPTION:	Water Supply
ENGINEER:	Dowl
CONTRACTOR:	Mountain View Building
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2015

37. PROJECT: **Big Horn Spillway Improvement**

SPONSOR:	Big Horn Canal Irrigation District
LOCATION:	Washakie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$120,000
ACTUAL EXPENDITURES:	$120,000
DESCRIPTION:	Crooked S Wasteway
ENGINEER:	Soil Conservation Service, Worland, WY
CONTRACTOR:	Big Horn Redi-Mix, Greybull, WY
YEAR COMPLETED:	1995
SESSION LAW YEAR:	1993

38. PROJECT: **Big Piney Water Supply**

SPONSOR:	Town of Big Piney
LOCATION:	Sublette County
PROGRAM:	New Development
APPROPRIATION:	$410,000
ACTUAL EXPENDITURES:	$265,784
DESCRIPTION:	Transmission pipeline
ENGINEER:	Jorgensen Engineering, Jackson, WY
CONTRACTOR:	Eiden's Construction, Marbleton, WY
YEAR COMPLETED:	1998
SESSION LAW YEAR:	1995

39. PROJECT: **Big Piney Water Supply Project**

SPONSOR:	Town of Big Piney
LOCATION:	Sublette County
PROGRAM:	New Development
APPROPRIATION:	$512,500
ACTUAL EXPENDITURES:	$492,866
DESCRIPTION:	Storage tank, transmission pipeline, metering station
ENGINEER:	Rendezvous, Engineering; Jackson, WY
CONTRACTOR:	Transmission line – Rice-Kilroy Construction, Dubois, WY Storage tank – Caldwell Tanks, Inc., Louisville, KY Controls – PFIX Controls, Alabaster, AL Meter Building – Moose Valley Construction, Big Piney, WY
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2003, 2005

40. PROJECT: **Bluff/Upper Bluff System Improvements 2019**

SPONSOR:	Bluff/Upper Bluff Irrigation District
LOCATION:	Washakie Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$291,000
ACTUAL EXPENDITURES:	$212,526.26
DESCRIPTION:	replacement of two aging pumps in Pumping Plant No. 1
ENGINEER:	Western Heritage Consulting, Casper, WY
CONTRACTOR:	Copper Mountain Irrigation, Worland, WY
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2019

41. **PROJECT:** **Boulder Irrigation District**
SPONSOR: Boulder Irrigation District Board
LOCATION: Sublette County
PROGRAM: Rehabilitation
APPROPRIATION: $42,815
ACTUAL EXPENDITURES: $52,815
DESCRIPTION: Repairs to diversion structure
ENGINEER: NA
CONTRACTOR: NA
YEAR COMPLETED: 1988
SESSION LAW YEAR: 1987

42. **PROJECT:** **Bridger Valley Big Hill Transmission Line**
SPONSOR: Bridger Valley Joint Powers Board
LOCATION: Uinta County
PROGRAM: New Development
APPROPRIATION: $67,600
ACTUAL EXPENDITURES: $67,600
DESCRIPTION: To extend a transmission line to serve Big Hill.
ENGINEER: Uinta Engineering & Surveying, Inc., Evanston, WY
CONTRACTOR: SCI, Inc., Lyman, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2005

43. **PROJECT:** **Bridger Valley Intake Structure Rehabilitation**
SPONSOR**:** Bridger Valley Joint Powers Board
LOCATION: Uinta County
PROGRAM: Rehabilitation
APPROPRIATION: $505,000
ACTUAL EXPENDITURES: $505,000
DESCRIPTION: Diversion/intake structure, raw water transmission line, 0.5 MG finished water storage tank
ENGINEER: Uinta Engineering & Surveying, Inc.
CONTRACTOR: Intake/diversion structure – X-It Const., Lyman, WY
Transmission line – SCI, Inc., Lyman, WY
YEAR COMPLETED: Intake/diversion structure – 2003
Transmission line – 2003
Storage tank - 2004
SESSION YEAR LAW: 2001 and 2002

44. **PROJECT:** **Bridger Valley Pipeline**
SPONSOR: Bridger Valley Joint Powers Board
LOCATION: Uinta County
PROGRAM: New Development
APPROPRIATION: $625,000
ACTUAL EXPENDITURES: $577,466
DESCRIPTION: Transmission line
ENGINEER: Uinta Engineering & Surveying, Evanston, WY
CONTRACTOR: Snyder Construction, Lyman, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1991

45. **PROJECT:** **Brooks Hat Six Water Supply**

SPONSOR:	Town of Evansville
LOCATION:	Natrona County
PROGRAM:	New Development
APPROPRIATION:	$150,000
ACTUAL EXPENDITURES:	$150,000
DESCRIPTION:	Transmission pipeline
ENGINEER:	Hibsman Associates, Casper, WY
CONTRACTOR:	Hedquist Construction, Casper, WY
YEAR COMPLETED:	1994
SESSION LAW YEAR	1993

46. **PROJECT:** **Buffalo Bill Dam and Reservoir**

SPONSOR:	State of Wyoming
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$52,000,000
ACTUAL EXPENDITURES:	$52,000,000
DESCRIPTION:	Dam enlargement and power facilities
ENGINEER:	Bureau of Reclamation, Cody, WY
CONTRACTOR:	ASI Moltz; Cody, WY
YEAR COMPLETED:	1993
SESSION LAW YEAR:	1982, 1989

47. **PROJECT:** **Buffalo Hydropower**

SPONSOR:	Town of Buffalo
LOCATION:	Johnson County
PROGRAM:	New Development
APPROPRIATION:	$1,075,000
ACTUAL EXPENDITURES:	$1,045,033
DESCRIPTION:	Installation of a hydropower unit
ENGINEER:	States West Water Resources, Cheyenne, WY
CONTRACTOR:	Sulzer Canada; Ontario, Canada Larry's Inc., Gillette, WY ASI Moltz, Cody, WY
YEAR COMPLETED:	2001
SESSION LAW YEAR:	1992, 1996

48. **PROJECT:** **Buffalo Main Street Pipeline**

SPONSOR:	City of Buffalo
LOCATION:	Johnson
PROGRAM:	New Development
APPROPRIATION:	$154,100
ACTUAL EXPENDITURES:	$154,100
DESCRIPTION:	Main Street transmission pipeline
ENGINEER:	WWC Engineering, Sheridan, WY
CONTRACTOR:	Barnum Construction, Buffalo, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2016

49. **PROJECT:** **Buffalo Municipal Reservoir**
SPONSOR: Town of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $13,600,000
ACTUAL EXPENDITURES: $13,232,084
DESCRIPTION: Construction of a municipal water supply reservoir
ENGINEER: States West Water Resources, Cheyenne, WY
CONTRACTOR: ASI Moltz, Cody, WY
Lamax Construction, Inc.; Basin, WY
Bartlett Construction, Hanna, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1992, 1996, 1997

50. **PROJECT:** **Buffalo Northwest Pipeline**
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $4,009,000
ACTUAL EXPENDITURES: $3,531,998
DESCRIPTION: Transmission Pipeline Construction
ENGINEER: CPG Engineering, Buffalo, WY
CONTRACTOR: North Star Energy and Construction; Buffalo, WY
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2012, 2013

51. **PROJECT:** **Buffalo Pipeline**
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $1,182,000
ACTUAL EXPENDITURES: $ 983,132
DESCRIPTION: New transmission line from treatment plant to City
ENGINEER: Wenck Associates, Inc., Cheyenne, WY
CONTRACTOR: Barnum Construction Services, Buffalo, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2010

52. **PROJECT:** **Buffalo Raw Water Supply**
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $270,000
ACTUAL EXPENDITURES: $270,000
DESCRIPTION: Diversion facilities, pipeline
ENGINEER: R.G. Stuckert & Associates, Buffalo, WY
CONTRACTOR: Venture Construction, Worland, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1986

53. **PROJECT:** **Buffalo South Loop Pipeline**
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $775,000
ACTUAL EXPENDITURES: $556,962
DESCRIPTION: Transmission Pipeline Construction
ENGINEER: Nelson Engineering, Buffalo, WY
CONTRACTOR: Mountain View Builders, Sheridan, WY
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2013

54. **PROJECT:** **Buffalo Tank Valve**
SPONSOR: City of Buffalo
LOCATION: Johnson
PROGRAM: New Development
APPROPRIATION: $117,250
ACTUAL EXPENDITURES: $117,250
DESCRIPTION: Water level control valve for the Buffalo South Tank
ENGINEER: WWC Engineering, Sheridan, WY
CONTRACTOR: Barnum Construction, Buffalo, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2016

55. **PROJECT:** **Buffalo Valley Water Supply**
SPONSOR: Buffalo Valley Water District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $475,000
ACTUAL EXPENDITURES: $454,711
DESCRIPTION: 80,000 gallon storage tank, well pump installation, chlorination facilities, valving, telemetry and transmission line
ENGINEER: Rendezvous, Engineering, Jackson, WY
CONTRACTOR: Tucker Excavation, Moran, WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2001 and 2005

56. **PROJECT:** **Buffalo Water Storage Tank**
SPONSOR: Town of Buffalo
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: 2003: $2,152,500
2005: $ 550,000
2006: $ 576,870
TOTAL: $3,279,370
ACTUAL EXPENDITURES: $2,938,260
DESCRIPTION: Storage tank and transmission pipelines
ENGINEER: States West, Cheyenne, WY
CONTRACTOR: Storage Tank, Reiman Corporation; Cheyenne, WY
Pipeline: Western Municipal Construction, Sheridan, WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2003, 2005, 2006

57. **PROJECT:** **Buffalo Water Supply**
SPONSOR: City of Buffalo
LOCATION: Johnson County
PROGRAM: Rehabilitation
APPROPRIATION: $1,000,000
ACTUAL EXPENDITURES: $1,000,000
DESCRIPTION: Diversion dam, pipeline
ENGINEER: Grizzly Engineering, Inc., Buffalo, WY
CONTRACTOR: Fletcher Construction; Sheridan, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1984

58. **PROJECT:** **Burlington Water Supply**
SPONSOR: Town of Burlington
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $360,000
ACTUAL EXPENDITURES: $316,957
DESCRIPTION: Transmission Pipeline and Well Pumps
ENGINEER: MSE-HKM, Inc., Sheridan, WY
CONTRACTOR: Brandon Construction, Inc., Powell, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1996

59. **PROJECT:** **Burns Storage Tank**
SPONSOR: Town of Burns
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $930,000
ACTUAL EXPENDITURES: $889,581
DESCRIPTION: New storage tank and necessary system connections
ENGINEER: Lidstone & Associates, Ft. Collins, CO
CONTRACTOR: Caldwell Tanks Inc., Louisville, KY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2010

60. **PROJECT:** **Burns Well Connection**
SPONSOR: Town of Burns
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $1,214,000
ACTUAL EXPENDITURES: $ 897,925
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: Lidstone and Associates, Inc., Fort Collins, CO
CONTRACTOR: Aztec Construction, Cheyenne, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2013

61. **PROJECT:** **Byron Raw Water Supply**
SPONSOR: Town of Byron
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $1,561,000
ACTUAL EXPENDITURES: $ 170,214
DESCRIPTION: Design to replace ditch system with pipe
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: Never constructed
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2003, 2004, 2008, 2010

62. **PROJECT:** **Cambria Tank**
SPONSOR: Cambria Improvement and Service District
LOCATION: Weston County
PROGRAM: New Development
APPROPRIATION: $626,450
ACTUAL EXPENDITURES: $600,340
DESCRIPTION: Transmission Pipeline and Tank
ENGINEER: Camp Creek Engineering, Laramie, WY
CONTRACTOR: JR Civil, Sheridan, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2015

63. **PROJECT:** **Canyon Water Supply**
SPONSOR: Canyon Improvement & Service District
LOCATION: Weston County
PROGRAM: New Development
APPROPRIATION: $1,457,600
ACTUAL EXPENDITURES: $ 642,915
DESCRIPTION: Well, storage tank, and transmission pipeline
ENGINEER: Stetson Engineering, Inc., Gillette, WY
CONTRACTOR: Site Work Specialists, Inc., Rapid City, SD
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2005, 2006, 2007

64. **PROJECT:** **Carpenter Water Supply**
SPONSOR: Carpenter Water and Sewer District
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $360,000
ACTUAL EXPENDITURES: $328,620
DESCRIPTION: Wells, pumps, controls, disinfection, storage, pipeline
ENGINEER: States West Water Resources Corporation; Cheyenne, WY
CONTRACTOR: Town & Country Plumbing, Inc., Burns, WY
YEAR COMPLETED: 2000
SESSION LAW YEAR: 1997

65.	**PROJECT:**	**Casper Alcova**
	SPONSOR:	Casper Alcova Irrigation District
	LOCATION:	Natrona County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,263,000
	ACTUAL EXPENDITURES:	$1,231,925
	DESCRIPTION:	Canal lining
	ENGINEER:	Soil Conservation Service
	CONTRACTOR:	LaMax Construction, Basin, WY Central Contractors, Mills, WY Jerry's Irrigation, Powell, WY Hedquist Construction, Casper, WY 71 Construction, Casper, WY
	YEAR COMPLETED:	1996
	SESSION LAW YEAR:	1985
66.	**PROJECT:**	**Casper Alcova Ditch Rehabilitation**
	SPONSOR:	Casper Alcova Irrigation District
	LOCATION:	Natrona County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,174,800
	ACTUAL EXPENDITURES:	$ 742,261
	DESCRIPTION:	Pipe laterals 256-680&681, 128-170, pipe drop 239
	ENGINEER:	Natural Resources Conservation Service, Casper, WY Inberg-Miller Engineers, Inc., Casper, WY Worthington, Lenhart, and Carpenter, Inc., Casper, WY
	CONTRACTOR:	Casper Alcova Irrigation District Pioneer Irrigation Co., Casper, WY Lanphier, Inc., Lingle, WY
	YEAR COMPLETED:	2009
	SESSION LAW YEAR:	2004, 2005, 2006
67.	**PROJECT:**	**Casper Alcova Rehabilitation 2009**
	SPONSOR:	Casper Alcova Irrigation District
	LOCATION:	Natrona County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$184,920
	ACTUAL EXPENDITURES:	$ 83,855
	DESCRIPTION:	Rehabilitate four Lateral 256 drop structures
	ENGINEER:	WLC Engineering, Casper, WY
	CONTRACTOR:	Lindstat Construction, Riverton, WY
	YEAR COMPLETED:	2010
	SESSION LAW YEAR:	2009
68.	**PROJECT:**	**Casper Alcova Rehabilitation 2010**
	SPONSOR:	Casper Alcova Irrigation District
	LOCATION:	Natrona County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$477,040
	ACTUAL EXPENDITURES:	$473,548
	DESCRIPTION:	Pipe Lateral 210 and 210-250

ENGINEER: WLC Engineering, Surveying, & Planning, Casper, WY
CONTRACTOR: Grizzly Excavation & Construction, Casper, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2010

69. PROJECT: Casper Alcova Rehabilitation 2015
SPONSOR: Casper Alcova Irrigation District
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $187,600
ACTUAL EXPENDITURES: $70,607
DESCRIPTION: Converting segment of ditch to buried pipe
ENGINEER: WLC, Engineering, Casper, WY
CONTRACTOR: Ferguson Enterprises, Inc., Casper, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2015

70. PROJECT: Casper Alcova Rehabilitation 2016
SPONSOR: Casper Alcova Irrigation District
LOCATION: Natrona Counties
PROGRAM: Rehabilitation
APPROPRIATION: $369,840
ACTUAL EXPENDITURES: $149,380.90
DESCRIPTION: Replacement of two underdrain structures
ENGINEER: WLC Engineering and Survey, Casper, WY
CONTRACTOR: Andreen Hunt Construction, Mills, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2016

71. PROJECT: Casper Alcova Tunnel Rehabilitation
SPONSOR: Casper Alcova Irrigation District
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $170,000
ACTUAL EXPENDITURES: $ 85,000
DESCRIPTION: Repair concrete cracks, Tunnels 3 & 4 Casper Canal
ENGINEER: Inberg-Miller Engineers, Inc., Casper, WY
CONTRACTOR: Cook's Fabrication, Mills, WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2003

72. PROJECT: Casper CY Booster Station Replacement 2017
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $1,495,910
ACTUAL EXPENDITURES: $1,416,087.79
DESCRIPTION: Replacement of a 60+ year old booster station
ENGINEER: Civil Engineering Professionals Inc., Casper, WY
CONTRACTOR: High Plains Construction, Casper, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2017

73. **PROJECT:** **Casper Effluent Water Supply**
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $600,000
ACTUAL EXPENDITURES: NONE – Project terminated by Sponsor prior to design.
DESCRIPTION: Irrigation project for the North Casper Recreation Complex utilizing wastewater treatment plant effluent.
ENGINEER: N.A.
CONTRACTOR: N.A.
YEAR COMPLETED: N.A.
SESSION LAW YEAR: 2000

74. **PROJECT:** **Casper Paradise Valley Pipeline**
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,139,000
ACTUAL EXPENDITURES: $ 595,994
DESCRIPTION: Construction of 16-inch pipeline and appurtenances in Paradise Drive from CY Avenue to a pipeline on the north side of the North Platte River.
ENGINEER: WWC Engineering, Casper, WY
CONTRACTOR: Andreen Hunt Construction, Casper, WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2009

75. **PROJECT:** **Casper Poplar Transmission Pipeline**
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,541,000
ACTUAL EXPENDITURES: $1,026,949
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: Civil Engineering Professionals, Inc.
CONTRACTOR: Hedquist Construction, Inc.
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2012

76. **PROJECT:** **Casper Raw Water Irrigation Supply Project**
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $452,500
ACTUAL EXPENDITURES: $435,811
DESCRIPTION: Raw water supply system from the North Platte River to irrigate soccer fields.
ENGINEER: CEPI, Inc., Casper, WY
CONTRACTOR: 71 Construction, Casper, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2004

77.	**PROJECT:**	**Casper Raw Water Supply**
	SPONSOR:	City of Casper
	LOCATION:	Natrona County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,600,000
	ACTUAL EXPENDITURES:	$1,117,314
	DESCRIPTION:	Diversion structure, dam rehabilitation, pipeline
	ENGINEER:	Civil Engineering Professionals, Inc., Casper, WY
	CONTRACTOR:	Lamax Construction, Inc., Basin, WY
	YEAR COMPLETED:	1994
	SESSION LAW YEAR:	1989

78.	**PROJECT:**	**Casper Raw Water Supply II**
	SPONSOR:	City of Casper
	LOCATION:	Natrona County
	PROGRAM:	New Development
	APPROPRIATION:	$487,559
	ACTUAL EXPENDITURES:	$487,559
	DESCRIPTION:	Design and construction of a transmission pipeline.
	ENGINEER:	WWC Engineering
	CONTRACTOR:	High Plains Construction, Inc.
	YEAR COMPLETED:	2016
	SESSION LAW YEAR:	2013

79.	**PROJECT:**	**Casper Rock Creek Dam Rehabilitation**
	SPONSOR:	City of Casper
	LOCATION:	Fremont County (Project), Natrona County (Beneficiary)
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$834,150
	ACTUAL EXPENDITURES:	$834,150
	DESCRIPTION:	Outlet works, spillway rehab, SCADA and electrical
	ENGINEER:	Civil Engineering Professionals, Inc., Casper, WY
	CONTRACTOR:	Rice-Kilroy Construction, Inc., Dubois, WY Automation and Electronics, Inc., Casper, WY Rocky Mountain Line Systems, Inc., Mills, WY
	YEAR COMPLETED:	2011
	SESSION LAW YEAR:	2008

80.	**PROJECT:**	**Casper Zone II**
	SPONSOR:	City of Casper
	LOCATION:	Natrona County
	PROGRAM:	New Construction
	APPROPRIATION:	$3,188,000
	ACTUAL EXPENDITURES:	$1,366,401
	DESCRIPTION:	This project was constructed in two phases. The first phase consisted of a transmission pipeline that was installed as part of the 21st street extension. The second phase was the construction of the remainder of the transmission pipeline and water storage tank east of Casper.

ENGINEER: Civil Engineering Professionals, Inc.
CONTRACTORS: JTL Group, Cheyenne, WY
Hedquist Construction, Inc., Casper, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2002

81. PROJECT: Casper Zone II – Phase II
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,300,000
ACTUAL EXPENDITURES: $1,150,292
DESCRIPTION: Construction of a transmission pipeline, storage tank and SCADA controls in the city's Zone II pressure zone.
ENGINEER: Civil Engineering Professionals, Inc.
CONTRACTOR: Andreen Hunt Construction, Inc., Casper, WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2005

82. PROJECT: Casper Zone III
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Construction
APPROPRIATION: $3,200,000
ACTUAL EXPENDITURES: $1,873,848
DESCRIPTION: Design and construction of transmission pipelines, a booster pump station and a storage tank.
ENGINEER: Civil Engineering Professionals, Inc., Casper, WY
CONTRACTOR: High Plains Construction, Inc., Casper, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2007

83. PROJECT: Casper Zone 3 Improvements
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $3,685,000
ACTUAL EXPENDITURES: $2,879,622
DESCRIPTION: Transmission pipeline, pumping facilities, and storage tank
ENGINEER: Civil Engineering Professionals Inc., Casper, WY
CONTRACTOR: Andreen Hunt Construction, Inc., Casper, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2014/19

84. PROJECT: Casper Zone IV Improvements
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $663,300
ACTUAL EXPENDITURES: $475,538
DESCRIPTION: Increased the wall height of the existing 400,000 gallon welded steel water storage tank sixteen feet and construction of approximately 1,300 feet of 12-inch pipe.

ENGINEER: 609 Consulting, LLC, Casper WY
CONTRACTOR: High Plains Construction, Inc., Mills, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2010

85. PROJECT: Centennial Water Supply
SPONSOR: Centennial Water and Sewer District
LOCATION: Albany County
PROGRAM: New Development
APPROPRIATION: $315,000
ACTUAL EXPENDITURES: $315,000
DESCRIPTION: Wells, pumps, pipeline, storage
ENGINEER: J.M. Montgomery, Laramie, WY
CONTRACTOR: Pete's Excavating, Torrington, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1990

86. PROJECT: Centennial Water Supply
SPONSOR: Centennial Water and Sewer District
LOCATION: Albany County
PROGRAM: New Development
APPROPRIATION: $110,000
ACTUAL EXPENDITURES: $110,000
DESCRIPTION: Buried concrete water storage tank
ENGINEER: Wester-Wetstein & Associates, Inc., Laramie, WY
CONTRACTOR: Timberline Excavating, LLC, Laramie, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1999

87. PROJECT: Central Wyoming Regional Elevated Tank
SPONSOR: Central Wyoming Regional Water System JPB
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $1,648,200
ACTUAL EXPENDITURES: $1,648,200
DESCRIPTION: New 1,000,000-gallon elevated water tank
ENGINEER: 609 Engineering, Casper, WY
CONTRACTOR: Landmark Tanks, Fort Worth, TX
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2014

88. PROJECT: Central Wyoming Regional Zone II B
SPONSOR: Central Wyoming Regional Water System JPB
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,959,750
ACTUAL EXPENDITURES: $1,340,599
DESCRIPTION: Design and construction of a pump station and transmission pipeline.

ENGINEER: Civil Engineering Professionals, Inc.
CONTRACTOR: High Plains Construction Inc.
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2011

89. PROJECT: Chamberlain Reservoir
SPONSOR: LaPrele Irrigation District
LOCATION: Converse County
PROGRAM: Rehabilitation
APPROPRIATION: $150,000
ACTUAL EXPENDITURES: $117,241
DESCRIPTION: Dam rehabilitation
ENGINEER: Western Water Consultants, Laramie, WY
CONTRACTOR: Domino Construction, Laramie, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1991

90. PROJECT: Cheyenne's Granite Dam Spillway Improvements
SPONSOR: City of Cheyenne Board of Public Utilities
LOCATION: Laramie County
PROGRAM: Rehabilitation
APPROPRIATION: $670,000
ACTUAL EXPENDITURES: $473,730
DESCRIPTION: Concrete spillway rehabilitation
ENGINEER: States West Water Resources, Cheyenne, WY
CONTRACTOR: Domson Incorporated, Torrington, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2008

91. PROJECT: Cheyenne King II Storage Facility
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $1,534,000
ACTUAL EXPENDITURES: $1,510,000
DESCRIPTION: 15 MG storage facility
ENGINEER: Black & Veatch, Denver, CO
CONTRACTOR: TIC, Casper, WY
YEAR COMPLETED: 1996
SESSION LAW YEAR: 1993

92. PROJECT: Cheyenne R. L. Sherard Water Treatment Plant
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: Public Purpose Investment
APPROPRIATION: $28,000,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES: $28,000,000
DESCRIPTION: Construction of a new water treatment plant
ENGINEER: Brown and Caldwell, Denver, Colorado
CONTRACTOR: Danis Environmental Industries, Inc., Ohio
YEAR COMPLETED: 2003
SESSION LAW YEAR: 1998

93. **PROJECT:** **Cheyenne Raw Water Supply**
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: Rehabilitation
APPROPRIATION: $1,800,000
ACTUAL EXPENDITURES: $1,800,000
DESCRIPTION: Irrigation of park lands
ENGINEER: States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR: Excel Construction, Sheridan, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1997

94. **PROJECT:** **Cheyenne Raw Water Supply #2**
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $5,000,000
ACTUAL EXPENDITURES: $4,992,769
DESCRIPTION: Transmission lines from the Crow Creek Wastewater plant to cemeteries. East High fields, VA center grounds, parkways, softball fields, and golf courses.
ENGINEER: States West Water Resources Corp., Cheyenne, WY
CONTRACTOR: Mechanical Systems Inc., Cheyenne WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2003

95. **PROJECT:** **Cheyenne South Crow Dam Water Supply Rehabilitation Project**
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: Rehabilitation
APPROPRIATION: $750,000
ACTUAL EXPENDITURES: $554,807
DESCRIPTION: Rehabilitation to existing dam and controls.
ENGINEER: States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR: Moltz Constructors, Inc., Cody, WY
YEAR COMPLETED: 2004
SESSION LAW YEAR: 2001, 2002

96. **PROJECT:** **Cheyenne Southern Pipeline**
SPONSOR: City of Cheyenne – Board of Public Utilities
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $18,291,000
ACTUAL EXPENDITURES: $16,467,137
DESCRIPTION: Transmission
ENGINEER: Burns and McDonell
CONTRACTOR: Garney Construction
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2015

97. **PROJECT:** **Cheyenne Southern Pipeline-Phase III**

SPONSOR:	City of Cheyenne – Board of Public Utilities
LOCATION:	Laramie County
PROGRAM:	New Development
APPROPRIATION:	$10,720,000
ACTUAL EXPENDITURES:	$ 7,883,333
DESCRIPTION:	Transmission pipeline
ENGINEER:	DOWL, Laramie, WY
CONTRACTOR:	Mountain View Builders, Sheridan, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2014/2016

98. **PROJECT:** **Cheyenne Stage I Rehabilitation**

SPONSOR:	City of Cheyenne
LOCATION:	Carbon and Albany Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$13,700,000
ACTUAL EXPENDITURES:	$12,126,939
DESCRIPTION:	Slip lining existing collection pipe and transmission line improvements
ENGINEER:	CH2M Hill, Denver, CO
CONTRACTOR:	Barcon Wyoming, Sheridan, WY
YEAR COMPLETED;	1999
SESSION LAW YEAR:	1993, 1995, 1996

99. **PROJECT:** **Cheyenne Supply Pipeline**

SPONSOR:	City of Cheyenne
LOCATION:	Laramie County
PROGRAM:	New Development
APPROPRIATION:	$14,000,000
ACTUAL EXPENDITURES:	$14,000,000
DESCRIPTION:	Parallel raw water transmission line from Crystal Dam to Sherard Water Treatment Plant
ENGINEER:	Black and Veatch, Aurora, CO
CONTRACTOR:	TCI Wyoming, Inc., Casper, WY
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2000, 2003, 2005

100. **PROJECT:** **Cheyenne Upper North Crow Reservoir**

SPONSOR:	City of Cheyenne
LOCATION:	Laramie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$3,500,000
ACTUAL EXPENDITURES:	$3,070,448
DESCRIPTION:	Dam rehabilitation
ENGINEER:	States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR:	Larry's Inc., Gillette, WY
YEAR COMPLETED:	1995
SESSION LAW YEAR:	1991

101. **PROJECT:** **Cheyenne Water (Stage II)**
SPONSOR: City of Cheyenne
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $20,000,000
ACTUAL EXPENDITURES: $20,000,000
DESCRIPTION: Dams (2), collector pipeline
ENGINEER: Banner Associates, Inc., Laramie, WY
CONTRACTOR: Several
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1980

102. **PROJECT:** **Cheyenne Water (Stage II)**
SPONSOR: City of Cheyenne
LOCATION: Carbon County
PROGRAM: Public Purpose Investment
APPROPRIATION: $40,000,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES: $40,000,000
DESCRIPTION: Little Snake River collection system, enlargement or Hog Park reservoir, pipeline from Hog Park to Encampment
ENGINEER: Banner Associates, Inc, Laramie, WY
CONTRACTOR: Johnson Brothers, Litchfield, MN
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1980

103. **PROJECT:** **Cheyenne Well Rehabilitation**
SPONSOR: City of Cheyenne
LOCATION: Laramie County
PROGRAM: Rehabilitation
APPROPRIATION: $1,450,000
ACTUAL EXPENDITURES: $1,450,000
DESCRIPTION: Replace 15 wells in the municipal well field
ENGINEER: Bearlodge Ltd.; Sundance, WY
Wester-Wetstein & Associates, Laramie, WY
Weston Engineering, Inc., Laramie, WY
CONTRACTOR: Sargent Irrigation, Scottsbluff, NE
D.C. Drilling Co., Lusk, WY
Weston Engineering, Inc., Upton, WY
Magee Trucking, Cheyenne, WY
Ward's Well Service, Riverton, WY
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1988 and 1993

104. **PROJECT:** **Chugwater Water Supply**
SPONSOR: Town of Chugwater
LOCATION: Platte County
PROGRAM: Rehabilitation
APPROPRIATION: $103,500
ACTUAL EXPENDITURES: $101,818
DESCRIPTION: Pipeline

ENGINEER: States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR: 71 Construction; Casper, WY
DATE COMPLETED: 1998
SESSION LAW DATE: 1997

105. PROJECT: Chugwater Water Supply
SPONSOR: Town of Chugwater
LOCATION: Platte County
PROGRAM: New Development
APPROPRIATION: $1,341,800
ACTUAL EXPENDITURES: $1,302,436
DESCRIPTION: Two wells, new concrete storage tank, rehabilitation of the old concrete storage tank, pipelines
ENGINEER: States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR: Three Sons; Hanna, WY
Sargent Irrigation Co., Inc., Scottsbluff, NE
Richardson Construction, Cheyenne, WY
D.C. Drilling, Inc., Lusk, WY
Kelly-Deines Irrigation, Inc., Gering, NE
DATE COMPLETED: 2007
SESSION LAW DATE: 1999, 2003, 2005, 2006

106. PROJECT: Clearview Water Supply
SPONSOR: Clearview Improvement and Service District
LOCATION: Sweetwater County
PROGRAM: New Development
APPROPRIATION: $245,000
ACTUAL EXPENDITURES: $167,500
DESCRIPTION: Pipeline
ENGINEER: Johnson-Fermelia Company, Inc., Rock Springs, WY
CONTRACTOR: Lamax Construction, Basin, WY
YEAR COMPLETED: 1990
SESSION LAW YEAR: 1989

107. PROJECT: Cloud Seeding Medicine Bow Mountains 2020-2021
SPONSOR: State of Wyoming
FUNDING PARTNERS: City of Cheyenne Board of Public Utilities, Jackson County (CO) Water Conservancy District
LOCATION: Medicine Bow and Sierra Madre Mountain Ranges (Wyoming), Never Summer Mountain Range (Colorado)
PROGRAM: New Development
APPROPRIATION: $ 705,000 (State of Wyoming + Admin)
ACTUAL EXPENDITURES: $ 817,220.23 ($699,219.81 WY, $118,000.42 External)
DESCRIPTION: Operational cloud seeding – Winter ‘20-21
CONTRACTOR: Weather Modification, Inc., Fargo, ND
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2020

108. PROJECT: **Cloud Seeding Wind River Mountains 2020-2021**

SPONSOR:	State of Wyoming
FUNDING PARTNERS:	Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, Genesis Alkali, TATA Chemicals, Rocky Mountain Power, Green River/Rock Springs/Sweetwater Co. Joint Powers Water Board.
LOCATION:	Wind River Range, Fremont and Sublette Counties
PROGRAM:	New Development
APPROPRIATION:	$ 200,000 (State of Wyoming + Admin)
ACTUAL EXPENDITURES:	$ 524,106.11 ($193,957.06 WY, $330,149.05 External)
DESCRIPTION:	Operational cloud seeding – Winter '20-21
CONTRACTOR:	Weather Modification, Inc.; Fargo, ND
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2020

109. PROJECT: **Cody Area Water Supply (Valley View)**

SPONSOR:	City of Cody
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$785,000
ACTUAL EXPENDITURES:	$785,000
DESCRIPTION:	Potable water service to Valley View
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	Harris Trucking**,** Cody, WY
YEAR COMPLETED:	1999
SESSION LAW YEAR:	1996

110. PROJECT: **Cody Canal Chute**

SPONSOR:	Cody Canal Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$223,000
ACTUAL EXPENDITURES:	$177,654
DESCRIPTION:	Replace Newton Ave Chute with pipe drop
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Patrick Construction, Lander, WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2011

111. PROJECT: **Cody Canal Drop Structure**

SPONSOR:	Cody Canal Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$50,000
ACTUAL EXPENDITURES:	$36,959
DESCRIPTION:	Replace Glory Hole Drop Structure
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Cody Canal Irrigation District
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2011

112. PROJECT: **Cody Canal Rehabilitation**

SPONSOR:	Cody Canal Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,375,000
ACTUAL EXPENDITURES:	$1,161,876
DESCRIPTION:	Replace Sulphur Creek Siphon, Spillway, Diamond Creek Flume
ENGINEER:	Engineering Associates, Cody WY
CONTRACTOR:	Excel Construction, Sheridan, WY Sletten Construction, Cody, WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2007, 2008

113. PROJECT: **Cody Canal Rehabilitation 2013**

SPONSOR:	Cody Canal Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$144,000
ACTUAL EXPENDITURES:	$ 41,210
DESCRIPTION:	Replace 20th Street pipeline
ENGINEER:	Engineering Associate, Cody, WY
CONTRACTOR:	Harris Trucking & Construction, Cody, WY
SESSION LAW YEAR:	2013

114. PROJECT: **Cody Raw Water**

SPONSOR:	City of Cody
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$850,000
ACTUAL EXPENDITURES:	$714,060
DESCRIPTION:	Raw Water irrigation system rehabilitation
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	Brandon Construction, Inc., Powell, WY
YEAR COMPLETED:	2000
SESSION LAW YEAR:	1997

115. PROJECT: **Cody West Transmission Pipeline**

SPONSOR:	City of Cody
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$408,700
ACTUAL EXPENDITURES:	$290,323
DESCRIPTION:	Replacement and upsizing of transmission main
ENGINEER:	GDA Engineers, Cody, WY
CONTRACTOR:	Harris Trucking and Construction, Cody, WY
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2012

116. PROJECT: **Cokeville Tri-Diversion Dam**

SPONSOR:	Cokeville Watershed Improvement District
LOCATION:	Lincoln County
PROGRAM:	Rehabilitation
APPROPRIATION:	$160,000
ACTUAL EXPENDITURES:	$ 17,919
DESCRIPTION:	Bank realignment, channel stabilization and placement of bank rip rap
ENGINEER:	Rio Verde Engineering, Pinedale, WY
CONTRACTOR:	Noble Construction, Cora, WY
YEAR COMPLETED:	2000
SESSION LAW YEAR:	1996

117. PROJECT: **Cokeville Water Supply**

SPONSOR:	Town of Cokeville
LOCATION:	Lincoln County
PROGRAM:	New Development
APPROPRIATION:	$629,000
ACTUAL EXPENDITURES:	$629,000
DESCRIPTION:	Wells, pumping station, transmission pipeline and storage tank
ENGINEER:	Forsgren Associates, Evanston, WY
CONTRACTOR:	JASCO, Inc, Evanston, WY
YEAR COMPLETED:	1998
SESSION LAW YEAR:	1994

118. PROJECT: **Collins Heights Water Supply**

SPONSOR:	Collins Heights Industrial Park I&S District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$200,000
ACTUAL EXPENDITURES:	$141,182
DESCRIPTION:	Transmission pipelines
ENGINEER:	Centennial Engineering and Research, Gillette, WY
CONTRACTOR:	S & S Builders, Gillette, WY
YEAR COMPLETED:	1996
SESSION LAW YEAR:	1994

119. PROJECT: **Cook Road Water Supply**

SPONSOR:	Cook Road Water District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$1,700,000
ACTUAL EXPENDITURES:	$1,373,487
DESCRIPTION:	New tank and transmission pipelines
ENGINEER:	Stetson Engineering, Gillette, WY
CONTRACTOR:	Larry's Inc., Gillette, WY
YEAR COMPLETED:	1996
SESSION LAW YEAR:	1994, 1995

120. PROJECT: **Cook Road Well**

SPONSOR:	Cook Road Water District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$1,290,000
ACTUAL EXPENDITURES:	$1,308,779 (additional funds for water quality testing)
DESCRIPTION:	New well, connection piping to existing system and well house improvements
ENGINEER:	Stetson Engineering, Gillette, WY
CONTRACTOR:	Black Cat Construction, Gillette, WY Grosch Drilling, Yuma, CO
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2010

121. PROJECT: **Cottonwood Irrigation District Pipeline Replacement 2018**

SPONSOR:	Cottonwood Irrigation District
LOCATION:	Lincoln County
PROGRAM:	Rehabilitation
APPROPRIATION:	$834,000.00
ACTUAL EXPENDITURES:	$777,565.24
DESCRIPTION:	This project replaced 10,780 linear feet of existing steel irrigation transmission lines on Laterals 22 and 24 with PVC pipe.
ENGINEER:	Sunrise Engineering, Inc.; Afton, WY
CONTRACTOR:	Vandeburg Excavation, Inc.; Afton, WY
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2018

122. PROJECT: **Cowley Tank 2017**

SPONSOR:	Town of Cowley
LOCATION:	Big Horn Counties
PROGRAM:	New Development
APPROPRIATION:	$3,155,700
ACTUAL EXPENDITURES:	$2,574,736.03
DESCRIPTION:	Build a new 500K gal elevated storage tank
ENGINEER:	Pryor Mountain, Cowley, WY
CONTRACTOR:	JR Civil, Billings, MT
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2017

123. PROJECT: **Cowley Transmission Pipeline**

SPONSOR:	Town of Cowley
LOCATION:	Big Horn County
PROGRAM:	New Development
APPROPRIATION:	$1,920,823
ACTUAL EXPENDITURES:	$1,806,869
DESCRIPTION:	Transmission Pipeline Construction
ENGINEER:	Prior Mountain Engineering, Cowley, WY
CONTRACTOR:	Mountain View Builders, Sheridan, WY
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2008, 2013

124. PROJECT: **Crestview Water Supply**

SPONSOR:	Crestview Estates Improvement & Service District
LOCATION:	Campbell County
PROGRAM:	Rehabilitation
APPROPRIATION:	$41,000
ACTUAL EXPENDITURES:	$24,382
DESCRIPTION:	Tie in to Antelope Valley System
ENGINEER:	Bruce Engineering, Gillette, WY
CONTRACTOR:	EXP Backhoe, Gillette, WY
YEAR COMPLETED:	2004
SESSION LAW YEAR:	2000

125. PROJECT: **Crystal-Granite Dam Rehabilitation**

SPONSOR:	City of Cheyenne
LOCATION:	Laramie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$4,100,000
ACTUAL EXPENDITURES:	$4,041,703
DESCRIPTION:	Dams (2)
ENGINEER:	Harza Engineering Company, Denver, CO
CONTRACTOR:	Gracon Construction Company, Loveland, CO
YEAR COMPLETED:	1989
SESSION LAW YEAR:	1985, 1989

126. PROJECT: **Dayton Groundwater**

LEVEL:	III
SPONSOR:	Town of Dayton
LOCATION:	Sheridan County
PROGRAM:	New Development
APPROPRIATION:	$3,000
ACTUAL EXPENDITURES:	$2,962
DESCRIPTION:	Sale of the well to the town, and purchase of trees for Right of Way Agreement.
ENGINEER:	NA
CONTRACTOR:	NA
YEAR COMPLETED:	2004
SESSION LAW YEARS:	2004

127. PROJECT: **Dayton Water Supply Rehabilitation**

SPONSOR:	Town of Dayton
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$619,200
ACTUAL EXPENDITURES:	$619,200
DESCRIPTION:	Replacement of a Water Transmission Line from the Water Treatment Plant to town and construction of a booster pump station at the Water Treatment Plant.
ENGINEER:	Entech, Inc. HKM Engineering, Sheridan, WY
CONTRACTOR:	Western Municipal, Sheridan, WY Hofer Building
YEAR COMPLETED:	2006
SESSION LAW YEAR:	2001 and 200

128. PROJECT: **Deaver Canal Rehabilitation**

SPONSOR:	Town of Deaver and Deaver Irrigation District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$120,000
ACTUAL EXPENDITURES:	$ 51,786
DESCRIPTION:	Canal conversion to pipeline
ENGINEER:	Soil Conservation Service, Worland, WY
CONTRACTOR:	Deaver Irrigation District
YEAR COMPLETED:	1990
SESSION LAW YEAR:	1989

129. PROJECT: **Deaver Flume Rehabilitation**

SPONSOR:	Deaver Irrigation District
LOCATION:	Park/Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$210,000
ACTUAL EXPENDITURES:	$210,000
DESCRIPTION:	Deaver Siphon, steel liner for Polecat Flume
ENGINEER:	Engineering Associates, Inc., Cody, WY
CONTRACTOR:	Deaver Irrigation District
MATERIALS:	Riverton Concrete Products, Inc., Riverton, WY Production Machine Co., Inc., Powell, WY Miller Fabrication, Inc., Lovell, WY
YEAR COMPLETED:	2006
SESSION LAW YEAR:	2003, 2005

130. PROJECT: **Deaver Flume Rehabilitation II**

SPONSOR:	Deaver Irrigation District
LOCATION:	Park and Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$461,000
ACTUAL EXPENDITURES:	$461,000
DESCRIPTION:	Replace Frannie Flume, extend Lateral 114F siphon
ENGINEER:	Engineering Associates, Inc., Cody, WY Sage Civil Engineering, Cody, WY
CONTRACTOR:	Deaver Irrigation District
MATERIALS:	Miller Fabrication, Inc., Lovell, WY J&E Irrigation, Inc., Basin, WY
YEAR COMPLETED:	2009
SESSION LAW YEAR:	2007

131. PROJECT: **Deaver Irrigation District Flume Replacement/Laterals 2017**

SPONSOR:	Deaver Irrigation District
LOCATION:	Park and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$91,000
ACTUAL EXPENDITURES:	$39,746
DESCRIPTION:	Replace D-23 flume with inverted siphon, replace main spillway box on lateral D-44 with two weir boxes, and, replace open lateral into buried pipe. Provided construction materials only.
ENGINEER:	Sage Civil Engineering, Cody, WY

	CONTRACTOR:	Deaver Irrigation District
	MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY;
	YEAR COMPLETED:	2018
	SESSION LAW YEAR:	2017
132.	**PROJECT:**	**Deaver Irrigation District Rehabilitation 2018**
	SPONSOR:	Deaver Irrigation District
	LOCATION:	Park and Bighorn Counties
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$230,000
	ACTUAL EXPENDITURES:	$147,686
	DESCRIPTION:	Construction of a new siphon to replace an aging flume
	ENGINEER:	Sage Civil Engineering Inc., Cody, WY
	CONTRACTOR:	Deaver Irrigation District, Deaver, WY
	YEAR COMPLETED:	2019
	SESSION LAW YEAR:	2018
133.	**PROJECT:**	**Deaver Irrigation District Rehabilitation 2019**
	SPONSOR:	Deaver Irrigation District
	LOCATION:	Park and Big Horn Counties
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$424,000
	ACTUAL EXPENDITURES:	$270,962
	DESCRIPTION:	Converting segment of ditch to buried pipe
	ENGINEER:	Sage Civil Engineering, Cody, WY
	CONTRACTOR:	Big Horn Trucking and Equipment, Manderson, WY
	YEAR COMPLETED:	2020
	SESSION LAW YEAR:	2019
134.	**PROJECT:**	**Deaver Rehabilitation 2009**
	SPONSOR:	Deaver Irrigation District
	LOCATION:	Park and Bighorn Counties
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,023,000
	ACTUAL EXPENDITURES:	$ 878,378
	DESCRIPTION:	Converting segments of ditch to buried pipe
	ENGINEER:	Sage Civil Engineering, Cody, WY Engineering Associates, Cody, WY
	CONTRACTOR:	J&E Irrigation, Inc., Basin, WY Big Horn Truck & Equipment, Inc., Manderson, WY WDI Systems, Powell, WY Triple L Sales, Inc., Cody, WY Ferguson Enterprises, Inc., Casper, WY
	YEAR COMPLETED:	2018
	SESSION LAW YEAR:	2009
135.	**PROJECT:**	**Deaver Transmission Pipeline**
	SPONSOR:	Deaver Irrigation Distinct
	LOCATION:	Park and Bighorn Counties
	PROGRAM:	New Development
	APPROPRIATION:	$1,083,700.00*
	ACTUAL EXPENDITURES:	$1,038,722.34
	DESCRIPTION:	Design and construction of a transmission pipeline.

ENGINEER: WENCK Associates, Cheyenne, WY
CONTRACTOR: DRM Inc., Gillette, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2018
*Includes $313,200.00 Account II Sponsor's Contingency Funds

136. PROJECT: Dixon Water Supply
SPONSOR: Town of Dixon
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $215,000
ACTUAL EXPENDITURES: $215,000
DESCRIPTION: Infiltration gallery and transmission pipeline
ENGINEER: Lidstone and Anderson, Fort Collins, CO
CONTRACTOR: Bartlett Construction, Hanna, WY
YEAR COMPLETED: 1996
SESSION LAW YEAR: 1985, 1989

137. PROJECT: Douglas Area Water Supply
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development
APPROPRIATION: $1,700,000
ACTUAL EXPENDITURES: $1,676,442
DESCRIPTION: Well, pipeline, storage facility
ENGINEER: CEPI, Casper, WY
CONTRACTOR: Hedquist Construction, Casper, WY
YEAR COMPLETED: 1995
SESSION LAW YEAR: 1992, 1994

138. PROJECT: Douglas Box Elder Spring
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development
APPROPRIATION: $9,447,000
ACTUAL EXPENDITURES: $6,722,483.01
DESCRIPTION: Reconstruction of the springhouse and installation of ~16 miles of 16" diameter PVC pipe
ENGINEER: Civil Engineering Professionals Inc, Casper, WY
CONTRACTOR: Russell Construction Company, Douglas, WY and Mountain View Builders, Inc., Sheridan, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2011, 2016, 2018

139. PROJECT: Douglas Intake Structure
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: Rehabilitation
APPROPRIATION: $400,000
ACTUAL EXPENDITURES: $307,872
DESCRIPTION: Diversion and intake structure

ENGINEER: CEPI; Casper, WY
CONTRACTOR: Russell Construction, Douglas, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1991

140. PROJECT: Douglas Water Supply Project
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development
APPROPRIATION: $2,070,000
ACTUAL EXPENDITURES: $2,031,652
DESCRIPTION: New Roof on spring house and addition of chlorination facilities. Construction of one new tank and rehabilitation of two other tanks. Construction of a new pump station for Wyoming Law Enforcement Academy.
ENGINEER: Civil Engineering Professionals Inc., Casper, WY
CONTRACTOR: Salt Creek Welding, Casper, WY
High Plains Construction, Casper, WY
Water System Drilling, Gillette WY
Russell Construction, Douglas, WY
YEAR COMPLETED: 2004
SESSION LAW YEAR: 1999, 2003

141. PROJECT: Downer Neighborhood Water Supply
SPONSOR: Downer Neighborhood Improvement and Service District
LOCATION: Sheridan County
PROGRAM: Rehabilitation
APPROPRIATION: $1,198,000
ACTUAL EXPENDITURES: $ 868,650
DESCRIPTION: Pipeline rehabilitation
ENGINEER: HKM Engineering; Sheridan, WY
CONTRACTOR: Hot Iron Construction; Gillette, WY
YEAR COMPLETED: 2003
SESSION LAW YEAR: 1999, 2001

142. PROJECT: Dubois SCADA
SPONSOR: Town of Dubois
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $45,000
ACTUAL EXPENDITURES: $45,000
DESCRIPTION: New Telemetry System
ENGINEER: Stetson Engineering, Gillette, WY
CONTRACTOR: Electrical Experts, Dubois, WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2004

143. PROJECT: Dubois Water Supply
SPONSOR: Town of Dubois
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $90,000
ACTUAL EXPENDITURES: $83,108

DESCRIPTION: Pump Station
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Wilkinson Construction, Dubois, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1992

144. PROJECT: Dubois Water Supply
LEVEL: III
SPONSOR: Town of Dubois
LOCATION: Fremont
PROGRAM: New Development
APPROPRIATION: $2,157,000
ACTUAL EXPENDITURES: $1,780,154
DESCRIPTION: Well and Transmission Line
ENGINEER: Stetson, Riverton WY
CONTRACTOR: 71 Construction, Riverton WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2009, 2010

145. PROJECT: Dubois Well Acquisition
SPONSOR: Town of Dubois
LOCATION: Fremont
PROGRAM: New Development
APPROPRIATION: $0
ACTUAL EXPENDITURES: $7,429
DESCRIPTION: Purchase of a Level II well (33% of actual well construction costs) from the WWDC.
ENGINEER: None
CONTRACTOR: None
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2016

146. PROJECT: Dubois Well No. 11 Supply
LEVEL: III
SPONSOR: Town of Dubois
LOCATION: Fremont
PROGRAM: New Development
APPROPRIATION: $415,000
ACTUAL EXPENDITURES: $271,197
DESCRIPTION: Connect new well to system
ENGINEER: Stetson, Riverton WY
CONTRACTOR: 71 Construction, Riverton WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2006, 2008

147. PROJECT: Dull Knife Reservoir Spillway Rehabilitation
SPONSOR: Dull Knife Irrigation District
LOCATION: Johnson County
PROGRAM: Rehabilitation
APPROPRIATION: $2,257,850
ACTUAL EXPENDITURES: $2,219,064
DESCRIPTION: Rehabilitate and improve the spillway, upgrade the water release structure

ENGINEER: Tetra Tech Inc., Casper, WY
CONTRACTOR: Big Sky Civil, Helena, MT
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015/17/18

148. PROJECT: Dry Creek Irrigation District Pipeline Replacement 2017
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $670,000
ACTUAL EXPENDITURES: $371,890
DESCRIPTION: Replace failing steel pipelines with high density polyethylene pipe beginning at LN-5 and LN-5b connection and terminating at 5,455 feet to west at Salt River
ENGINEER: Sunrise Engineering, Inc., Afton, WY
CONTRACTOR: Western Oilfields Supply Company dba Rain for Rent; Bakersfield, CA
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2017

149. PROJECT: Dry Creek Irrigation District Rehabilitation 2019
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $1,628,000
ACTUAL EXPENDITURES: $ 992,428.00
DESCRIPTION: Project replaced 14,000 linear feet of steel pipeline with new PVC pipe on pipeline sections LN-4 and LN-5.
ENGINEER: Sunrise Engineering, Inc., Afton, WY
CONTRACTOR: Kilroy, LLC., Afton, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2019

150. PROJECT: Eastern Shoshone Boulder Flats Well Field
SPONSOR: Eastern Shoshone Tribe & Shoshone Utilities Organization (SUO)
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $804,000
ACTUAL EXPENDITURES: $763,072
DESCRIPTION: Design and construction of a well field, pumping facilities, pipeline
ENGINEER: HDR, Inc., Lander, WY
CONTRACTOR: Bornhoft Construction, Inc., Riverton, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2014

151. PROJECT: Eden Valley Farson Project
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation
APPROPRIATION: $3,276,000
ACTUAL EXPENDITURES: $2,839,862

DESCRIPTION: Canal to Pipeline conversion
ENGINEER: JUB Engineers, Kaysville, UT
CONTRACTOR: Searle Bros, Rock Springs, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2013/15/16/19

152. PROJECT: Eden Valley Irrigation District Rehabilitation–Phase I
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation
APPROPRIATION: $1,508,000
ACTUAL EXPENDITURES: $1,460,402
DESCRIPTION: Laterals E-19 and E-25 diversion structures and HDPE pipeline replacement of 50,500 l.f. open lateral ditches
ENGINEER: NRCS; Riverton, WY, Nelson Engineering; Jackson, WY
CONTRACTOR: Johansen Construction, Mt. Pleasant, UT
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2005

153. PROJECT: Eden Valley Rehabilitation 2009
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater
PROGRAM: Rehabilitation
APPROPRIATION: $7,907,000.00
ACTUAL EXPENDITURES: $7,543,516.76
DESCRIPTION: Construction of irrigation canal conversion from ditch to pipe
ENGINEER: JUB Engineers., Kaysville, UT
CONTRACTOR: Knife River, Casper, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2009, 2013

154. PROJECT: Eden Valley Rehabilitation 2011
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation
APPROPRIATION: $1,713,000
ACTUAL EXPENDITURES: $1,710,431
DESCRIPTION: (Phase IV of Eden Valley Rehab 2009) Line Eden Canal with synthetic rubber liner covered with fiber-reinforced shotcrete, repair of existing concrete liner up and downstream of the siphon, and piping of open ditch irrigation laterals (E-5 and E-6) with HDPE pipe.
ENGINEER: JUB Engineers, Inc.
CONTRACTOR: Knife River Corporation
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2011

155. PROJECT: Edgerton/Midwest Water Supply
SPONSOR: Salt Creek Joint Powers Board
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $3,750,000
ACTUAL EXPENDITURES: $3,208,580

DESCRIPTION: Potable Water Transmission Pipeline
ENGINEER: Worthington, Lenhart and Carpenter, Inc., Casper, WY
CONTRACTOR: Larry's, Inc., Gillette; WY
Bartlett, Inc., Hanna, WY
YEAR COMPLETED: 1998
SESSION LAW YEAR: 1992

156. PROJECT: Eight Mile/High Plains Well
SPONSOR: Eight Mile Improvement & Service District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $371,850
ACTUAL EXPENDITURES: $371,850
DESCRIPTION: Well, storage tank, and transmission pipeline
ENGINEER: Wester-Wetstein & Associates, Laramie, WY
CONTRACTOR: Miller Mechanical, Gillette, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2006

157. PROJECT: Elk Mountain Water Supply
SPONSOR: Town of Elk Mountain
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $335,000
ACTUAL EXPENDITURES: $331,743
DESCRIPTION: Put Level II well on line
ENGINEER: PMPC, Saratoga, WY
CONTRACTOR: Bartlett Construction, Hanna, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1996

158. PROJECT: Encampment Raw Water Line
SPONSOR: Town of Encampment
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $400,000
ACTUAL EXPENDITURES: $268,043
DESCRIPTION: Construction of a raw water pipeline in the Town's open ditch conveyance system. This project completes this pipeline from the end of the existing pipe to the water treatment plant.
ENGINEER: PMPC Civil Engineers, Saratoga, WY
CONTRACTOR: Three Way, Inc.; Gillette, WY and Hot Iron, Inc., Gillette, WY, a joint venture
YEAR COMPLETED: 2002
SESSION LAW YEAR: 2001, 2002

159. PROJECT: Encampment Water
SPONSOR: Town of Encampment
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $200,000
ACTUAL EXPENDITURES: $181,602
DESCRIPTION: Diversion dam, pipeline

ENGINEER: Probity Engineering; Cheyenne, WY
CONTRACTOR: Great Divide Construction, Baggs, Wyoming
YEAR COMPLETED: 1988
SESSION LAW YEAR: 1985

160. PROJECT: Encampment Water Supply
SPONSOR: Town of Encampment
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $137,000
ACTUAL EXPENDITURES: $ 23,800
DESCRIPTION: Expand municipal raw water irrigation system
ENGINEER: Westerfield Engineering; Encampment, WY
CONTRACTOR: Town of Encampment, Encampment, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1998

161. PROJECT: Etna Diversion Dam
SPONSOR: Etna Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $200,000
ACTUAL EXPENDITURES: $152,765
DESCRIPTION: Diversion dam replacement
ENGINEER: Forsgren Associates, Evanston, WY
CONTRACTOR: T.J.G., Inc., Evanston, WY
YEAR COMPLETED: 1991
SESSION LAW YEAR: 1991

162. PROJECT: Etna Water Supply
SPONSOR: Etna Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $690,000
ACTUAL EXPENDITURES: $630,666
DESCRIPTION: Springs development, well and transmission line
ENGINEER: Forsgren Associates Inc., Evanston, WY
CONTRACTOR: Peavler's Mountain Star Inc., Afton, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 1994 & 1998

163. PROJECT: Evanston Raw Water Supply
SPONSOR: City of Evanston
LOCATION: Uinta County
PROGRAM: New Development
APPROPRIATION: $1,500,000
ACTUAL EXPENDITURES: $1,500,000
DESCRIPTION: Irrigation pipeline, pumps and primary filters
ENGINEER: Sunrise Engineering, Inc., Afton, WY
CONTRACTOR: Flare Construction, Coalville, UT
YEAR COMPLETED: 2000
SESSION LAW YEAR: 1998

164. **PROJECT:** **Evansville Elkhorn Creek Water Supply**
SPONSOR: Town of Evansville
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $50,000
ACTUAL EXPENDITURES: $0/Project not completed
DESCRIPTION: Infiltration gallery and monitoring facility
ENGINEER: Hibsman Associates, Casper, WY
CONTRACTOR: 71 Construction, Casper, WY
YEAR COMPLETED: 2000
SESSION LAW YEAR: 1996

165. **PROJECT:** **Evansville Emergency Connection**
SPONSOR: Town of Evansville
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $141,370
ACTUAL EXPENDITURES: $165,160*
DESCRIPTION: Transmission pipeline.
ENGINEER: WLC, Casper, WY
CONTRACTOR: 71 Construction, Casper, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2013
*In 2017, the Wyoming Water Development Commission and the Select Water Committee approved $31,170 from Account I of the Sponsor's Contingency Fund. The Sponsor expended $23,790.03 of the approved contingency funds.

166. **PROJECT:** **Evansville Water Supply**
SPONSOR: Town of Evansville
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $750,000
ACTUAL EXPENDITURES: $382,606
DESCRIPTION: Water storage tank
ENGINEER: Hibsman Associates, Casper, WY
CONTRACTOR: Bartlett Construction, Hanna, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1992

167. **PROJECT:** **Fairview Water Supply**
SPONSOR: Fairview Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $150,000
ACTUAL EXPENDITURES: $150,000
DESCRIPTION: Open canal to pipeline design
ENGINEER: ARIX, Riverton, WY
CONTRACTOR: NA
YEAR COMPLETED: 1990
SESSION LAW YEAR: 1988

168. **PROJECT:** **Fairview Water Supply**
SPONSOR: Fairview Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $502,000
ACTUAL EXPENDITURES: $391,640
DESCRIPTION: Well, storage and pipeline
ENGINEER: Forsgren Associates, Evanston, WY
CONTRACTOR: JASCO, Evanston, WY
YEAR COMPLETED: 1995
SESSION LAW YEAR: 1992

169. **PROJECT:** **Farview Water Supply**
SPONSOR: Farview Water District
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $100,000
ACTUAL EXPENDITURES: $ 97,632
DESCRIPTION: Completion of a Level II well and pipeline
ENGINEER: Stetson Engineering, Riverton, WY
CONTRACTOR: 71 Construction, Riverton, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2010

170. **PROJECT:** **Fayette Irrigation District**
SPONSOR: Fayette Irrigation District
LOCATION: Sublette County
PROGRAM: Rehabilitation
APPROPRIATION: $ 75,000 (2002)
$160,000 (2006)
$235,000 TOTAL
ACTUAL EXPENDITURES: $216,774
DESCRIPTION: New diversion structure at West Lateral, re-routing part of West Lateral, reshaping and re-grading of West Lateral (10,100 l.f.), CMP culverts
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Koch Construction, Daniel, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2002, 2006

171. **PROJECT:** **Fayette Irrigation Rehabilitation**
SPONSOR: Fayette Irrigation District
LOCATION: Sublette
PROGRAM: Rehabilitation
APPROPRIATION: $300,000
ACTUAL EXPENDITURES: $296,689
DESCRIPTION: Design and construction of water canal system improvements
ENGINEER: Jorgensen Engineering
CONTRACTOR: Teletractors Inc.
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2012/2016

172. PROJECT: **Ferris Diversion Dam Rehabilitation**

SPONSOR:	Ferris Irrigation District/Town of Torrington
LOCATION:	Goshen County
PROGRAM:	Rehabilitation
APPROPRIATION:	$500,000
ACTUAL EXPENDITURES:	$475,847
DESCRIPTION:	Diversion dam, pipeline
ENGINEER:	Western Water Consultants, Laramie, WY
CONTRACTOR:	Pete's Excavation, Torrington, WY
YEAR COMPLETED:	1992
SESSION LAW YEAR:	1990

173. PROJECT: **Fontenelle Dam Repair**

SPONSOR:	State of Wyoming
LOCATION:	Sweetwater County
PROGRAM:	Rehabilitation
APPROPRIATION:	$3,500,000
ACTUAL EXPENDITURES:	$3,247,283
DESCRIPTION:	Dam
ENGINEER:	Bureau of Reclamation
YEAR COMPLETED:	1989
SESSION LAW YEAR:	1986, 1989

174. PROJECT: **Fort Laramie Storage Tank**

SPONSOR:	Town of Fort Laramie
LOCATION:	Goshen County
PROGRAM:	New Development
APPROPRIATION:	$1,139,100
ACTUAL EXPENDITURES:	$ 891,062
DESCRIPTION:	Construction of a new elevated water storage tank
ENGINEER:	Baker and Assoc.
CONTRACTOR:	Maguire Iron, Inc., Sioux Falls, SD
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2012/2013

175. PROJECT: **Freedom Water Supply**

SPONSOR:	Freedom Water and Sewer District
LOCATION:	Lincoln County
PROGRAM:	New Development
APPROPRIATION:	$737,000
ACTUAL EXPENDITURES:	$678,899
DESCRIPTION:	Well, storage, pipeline
ENGINEER:	Forsgren, Evanston, WY
CONTRACTOR:	Snyder Construction, Lyman, WY
YEAR COMPLETED:	1997
SESSION LAW YEAR:	1993

176. PROJECT: **Fremont Lake Reservoir**

SPONSOR:	Highland Irrigation District
LOCATION:	Sublette County
PROGRAM:	New Development
APPROPRIATION:	$457,834
ACTUAL EXPENDITURES:	$411,862

	DESCRIPTION:	Dam, headgates
	ENGINEER:	Soil Conservation Service
	CONTRACTOR:	Bartlett Construction, Hanna, WY Noble Construction, Pinedale, WY
	YEAR COMPLETED:	1994
	SESSION LAW YEAR:	1982, 1986, 1992
177.	**PROJECT:**	**Gillette Central Zone Isolation Project**
	SPONSOR:	City of Gillette
	LOCATION:	Campbell County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$759,500
	ACTUAL EXPENDITURES:	$379,621
	DESCRIPTION:	New transmission line
	ENGINEER:	Stetson Engineering, Gillette, WY
	CONTRACTOR:	Hot Iron Inc., Gillette, WY
	YEAR COMPLETED:	2004
	SESSION LAW YEAR:	2001, 2002
178.	**PROJECT:**	**Gillette Fort Union Well Field**
	SPONSOR:	City of Gillette
	LOCATION:	Campbell County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,725,000
	ACTUAL EXPENDITURES:	$1,331,818
	DESCRIPTION:	Storage Tank, Pipeline
	ENGINEER:	Stetson Engineering, Gillette, WY Wester-Wetstein, Laramie, WY
	CONTRACTOR:	DRM Inc., Gillette, WY Ruby Drilling, Gillette, WY
	YEAR COMPLETED:	2000
	SESSION LAW YEAR:	1995, 1996, 1998
179.	**PROJECT:**	**Gillette Fort Union Well Field – Phase I**
	SPONSOR:	City of Gillette
	LOCATION:	Campbell County
	PROGRAM:	New Development
	APPROPRIATION:	$1,000,000
	ACTUAL EXPENDITURES:	$ 107,764
	DESCRIPTION:	Well field and transmission pipeline
	ENGINEER:	Wester-Wetstein & Assoc., Laramie, WY
	YEAR COMPLETED:	2008
	SESSION LAW YEAR:	2005
180.	**PROJECT:**	**Gillette Fort Union Wells**
	SPONSOR:	City of Gillette
	LOCATION:	Campbell County
	PROGRAM:	New Development
	APPROPRIATION:	$6,970,000
	ACTUAL EXPENDITURES:	$4,497,726
	DESCRIPTION:	Construction of five Fort Union formation wells and tie-in to the city's existing water system.

ENGINEER: Morrison-Maierle, Billings, MT
CONTRACTOR: Henkle Drilling, Fort Lupton, CO
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2008

181. PROJECT: Gillette Hidden Valley Storage and Transmission
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $1,350,000
ACTUAL EXPENDITURES: $1,028,531
DESCRIPTION: Storage Tank, Pipeline
ENGINEER: Stetson Engineering, Gillette, WY
CONTRACTOR: DRM Inc., Gillette, WY
SESSION LAWS: 2000
COMPLETION YEAR: 2002

182. PROJECT: Gillette Madison and Pine Ridge Tanks
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: Rehabilitation
APPROPRIATION: $550,000
ACTUAL EXPENDITURES: $531,986
DESCRIPTION: Construction of two 200,000-gallon storage reservoirs and rehabilitation of two existing storage reservoirs.
ENGINEER: Stetson Engineering; Gillette, WY
CONTRACTOR: DRM, Inc., Gillette, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2004

183. PROJECT: Gillette Madison Pipeline Joint Bonding
SPONSOR: City of Gillette
LOCATION: Campbell and Crook Counties
PROGRAM: Rehabilitation
APPROPRIATION: $5,077,500
ACTUAL EXPENDITURES: $4,159,467
DESCRIPTION: Design and construction of a cathodic system for the Gillette Madison transmission pipeline.
ENGINEER: Wester-Wetstein & Associates, Laramie, WY
DOWL HKM, Sheridan, WY
CONTRACTOR: Western Municipal Construction, Meeteetse, WY
Garney of Wyoming, Guernsey, WY
WBI Energy Corrosion Services, Billings, MT
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2005, 2006, 2009, 2014, 2015

184. PROJECT: Gillette Madison Well Field Expansion
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $1,628,250
ACTUAL EXPENDITURES: $1,619,192
DESCRIPTION: Two New Wells, Improvement of another well, pipeline

	ENGINEER:	Wester-Wetstein, Gillette, WY
	CONTRACTOR:	Jim's Water Service, Gillette, WY Hot Iron; Gillette, WY Tower Construction, Gillette, WY
	YEAR COMPLETED:	2000
	SESSION LAW YEAR:	1995, 1996
185.	**PROJECT:**	**Gillette Pipeline Project**
	SPONSOR:	City of Gillette
	LOCATION:	City of Gillette
	PROGRAM:	New Development
	APPROPRIATION:	$408,700
	ACTUAL EXPENDITURES:	$301,684
	DESCRIPTION:	Pipeline
	ENGINEER:	Consolidated Engineers and Materials Testing, Gillette, WY
	CONTRACTOR:	S&S Builders, Gillette, Wyoming
	YEAR COMPLETED;	1995
	SESSION LAW YEAR:	1993
186.	**PROJECT:**	**Gillette Regional Extensions**
	SPONSOR:	City of Gillette
	LOCATION:	Campbell County
	PROGRAM:	New Development
	APPROPRIATION:	$6,432,000
	ACTUAL EXPENDITURES:	$5,383,812
	DESCRIPTION:	Provide pipeline extensions from the mainframe water supply system to serve rural water districts such as Antelope Valley, Pinnacle Heights, Bennor Estates, Overbrook, and Spring Hill Ranch Improvement & Service Districts as well as Rafter D Homeowners' Association, Cook Road Water District, and Force Road Joint Powers Board
	ENGINEER:	DOWL, LLC, Gillette, WY
	CONTRACTOR:	Action Direct LLC dba Redpoint Contracting, Phoenix, AZ
	YEAR COMPLETED:	2018
	SESSION LAW YEAR:	2012, 2013, 2014
187.	**PROJECT:**	**Gillette Rehabilitation**
	LEVEL:	III
	PROGRAM:	Rehabilitation
	LOCATION:	Campbell County
	SPONSOR:	City of Gillette
	APPROPRIATION:	$300,000
	ACTUAL EXPENDITURES:	$300,000
	DESCRIPTION:	Installation electrical distribution cable, surge arresters, transformers, switch gear, and electrical controls.
	ENGINEER:	Cooper Power Systems, Pittsburgh, PA Consolidated Engineering & Material Testing, Gillette, WY
	CONTRACTOR:	Automation & Electronics, Casper, WY
	YEAR COMPLETED:	2000
	SESSION LAW YEAR;	1997

188. PROJECT: **Gillette Storage & East End Transmission Improvements**

SPONSOR:	City of Gillette
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$2,040,000
ACTUAL EXPENDITURES:	$1,095,729
ENGINEER:	Stetson Engineering, Gillette, WY PCA; Gillette, WY.
CONTRACTOR:	Larry's Inc., Gillette, WY DRM, Gillette, WY
YEAR COMPLETED:	2001
SESSION LAW YEAR:	1998

189. PROJECT: **Glendo Well**

SPONSOR:	Town of Glendo
LOCATION:	Platte County
PROGRAM:	New Development
APPROPRIATION:	$780,000
ACTUAL EXPENDITURES:	$292,404
DESCRIPTION:	Installation of a well pump and transmission pipeline to connect a Level II well to the town's water system.
ENGINEER:	WWC Engineering, Laramie, WY
CONTRACTOR:	Schmidt Earth Builder, Windsor CO
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2007, 2009

190. PROJECT: **Glenrock Groundwater Supply**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$1,822,000
ACTUAL EXPENDITURES:	$1,639,709
DESCRIPTION:	New Well, pipeline, controls
ENGINEER:	Civil Engineering Professionals Inc., Casper, WY
CONTRACTOR:	71 Construction, Casper, WY
YEAR COMPLETED:	2003
SESSION LAW YEAR:	2000, 2002

191. PROJECT: **Glenrock Sunup Ridge Tank Rehabilitation**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	Rehabilitation
APPROPRIATION:	$132,750
ACTUAL EXPENDITURES:	$129,824
DESCRIPTION:	Storage reservoir interior and exterior coating systems
ENGINEER:	CEPI, Casper, WY
CONTRACTOR:	Wyoming Power Wash, Inc., Casper, WY
YEAR COMPLETED:	2007
SESSION LAW YEAR:	2004

192. PROJECT: **Glenrock Tank Rehabilitation**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$ 1,236,835
ACTUAL EXPENDITURES:	$ 846,617
DESCRIPTION:	Storage tank, yard piping
ENGINEER:	CEPI, Casper, WY
CONTRACTOR:	EAI Loveland, CO
COMPLETION DATE:	2008
SESSION LAW YEAR:	2006

193. PROJECT: **Glenrock Transmission Pipeline**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$381,900
ACTUAL EXPENDITURES:	$322,722
DESCRIPTION:	Transmission Pipeline Construction
ENGINEER:	CEPI, Casper, WY
CONTRACTOR:	High Plains Construction, Casper, WY
YEAR COMPLETED:	2017
SESSION LAW YEAR:	2014

194. PROJECT: **Glenrock Transmission Pipeline 2017**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$254,600
ACTUAL EXPENDITURES:	$254,600
DESCRIPTION:	Construction of T15 transmission pipeline
ENGINEER:	Civil Engineering Professionals Inc. (CEPI), Casper, WY
CONTRACTOR:	Grizzly Excavating and Construction, LLC, Casper, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2017

195. PROJECT: **Glenrock Transmission Pipeline 2018**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$525,950.00
ACTUAL EXPENDITURES:	$311,206.47
DESCRIPTION:	Design and construction of a transmission pipeline.
ENGINEER:	Civil Engineering Professionals Inc. (CEPI), Casper, WY
CONTRACTOR:	Andreen Hunt Construction, Casper, WY
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2018

196. PROJECT: **Glenrock Water Supply**

SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$2,500,000

ACTUAL EXPENDITURES: $1,941,720
DESCRIPTION: Wells, pipeline
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Larry's Inc., Gillette, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1986

197. PROJECT: Glenrock Well
LEVEL: III
SPONSOR: Town of Glenrock
LOCATION: Converse County
PROGRAM: New Development
APPROPRIATION: $ 700,000
ACTUAL EXPENDITURES: $ 614,137
DESCRIPTION: Connect new well to system
ENGINEER: CEP, Casper WY
CONTRACTOR: High Plains, Casper WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2008, 2009

198. PROJECT: Gooseberry Rehabilitation
LEVEL: III
SPONSOR: Gooseberry Creek Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $1,260,000
ACTUAL EXPENDITURES: $1,207,767
DESCRIPTION: Rehabilitation of headgates and diversion structures
ENGINEER: Lidstone and Associates, Fort Collins CO
CONTRACTOR: COP Wyoming, LLC, Sheridan WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2008, 2010

199. PROJECT: Goshen Canal Improvements
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $24,500
ACTUAL EXPENDITURES: $24,303
DESCRIPTION: Automate three canal spillway gates
ENGINEER: Lidstone & Anderson, Fort Collins, CO
CONTRACTOR: Sutron Corporation, Sterling, VA
YEAR COMPLETED: 1996
SESSION LAW YEAR: 1993

200. PROJECT: Goshen Irrigation District - Guernsey Spillway Rehabilitation
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $449,570.00
ACTUAL EXPENDITURES: $333,725.20

DESCRIPTION: Design and construction of replacement spillway gates
ENGINEER: Bureau of Reclamation
CONTRACTOR: Lillard and Clark Construction Company, Inc., Denver, CO
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

201. PROJECT: Goshen Irrigation District Rehabilitation
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $600,000
ACTUAL EXPENDITURES: $437,688
DESCRIPTION: Canal conversion to pipeline
ENGINEER: Kennedy Engineering, Wheatland, WY
CONTRACTOR: Goshen Irrigation District
YEAR COMPLETED: 1991
SESSION LAW YEAR: 1986

202. PROJECT: Goshen Irrigation District Rehabilitation 2013
SPONSOR: Goshen Irrigation District
LOCATION: Goshen
PROGRAM: Rehabilitation
APPROPRIATION: $1,400,000
ACTUAL EXPENDITURES: $1,224,613
DESCRIPTION: Construction of irrigation canal conversion from ditch to pipe
ENGINEER: Benchmark Engineers, Torrington, WY
CONTRACTOR: Lanphier, Inc., Lingle, WY, International Water Screens, Shafter, CA, Ferguson Enterprises, Casper, WY, Watch Technologies, Grants Pass, OR, Flowmation, Brighton, CO, Goshen County Construction, Torrington, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2013

203. PROJECT: Goshen Irrigation District Rehabilitation 2017
SPONSOR: Goshen Irrigation District
LOCATION: Goshen
PROGRAM: Rehabilitation
APPROPRIATION: $214,000
ACTUAL EXPENDITURES: $126,357
DESCRIPTION: Replace tile on Lateral 6.7 and 45.1 with 24” PVC pipe
ENGINEER: WWC Engineering, Sheridan, WY
CONTRACTOR: Barnum Construction, Buffalo, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2017

204. PROJECT: Goshen Irrigation District Water System
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $2,226,000
ACTUAL EXPENDITURES: $2,226,000

DESCRIPTION: Automate 11 control sites, pipe 16 miles in 29 segments
ENGINEER: Anderson Consulting Engineer; Fort Collins, CO
CONTRACTOR: Goshen Irrigation District
Lanphier, Inc.; Lingle, WY
Waterman Industries, Inc.; Garden City, KS
Innovative Process Design, Inc., Aurora, CO
Smitty's Repair Service, Inc., Torrington, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2000, 2004

205. PROJECT: Goshen Pump Station
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $330,000
ACTUAL EXPENDITURES: $330,000
DESCRIPTION: Pump station
ENGINEER: AVI, Cheyenne, Wyoming
Lidstone-Anderson; Ft. Collins, CO
CONTRACTOR: Bartlett Construction, Hanna, WY
John's Pump Service, Torrington, WY
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1992, 1994, 1995, and 1996

206. PROJECT: Goshen Rehabilitation 2009
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $1,200,000
ACTUAL EXPENDITURES: $1,126,139
DESCRIPTION: Horse Creek Automation, Table Mountain Lateral 83.6 and Springer Main 10.1 irrigation ditch to pipe conversion
ENGINEER: Anderson Consulting Engineers, Ft. Collins, CO
CONTRACTOR: Flowmation, Inc., Brighton, CO
Smitty's Repair Service, Inc., Torrington, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009, 2011

207. PROJECT: Goshen Rehabilitation 2011 Project
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $1,100,000
ACTUAL EXPENDITURES: $1,100,000
DESCRIPTION: Completion of Table Mountain Lateral ditch to pipeline conversion, Check Structure 45.1 rehabilitated
ENGINEER: Baker & Associates, Laramie, WY
CONTRACTOR: Aqua Systems 2000, Inc. Alberta, Canada, Smitty's Repair Service, Inc., Torrington, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2011

208. PROJECT: **Granger Water Storage Project**

SPONSOR:	Town of Granger
LOCATION:	Sweetwater County
PROGRAM:	New Development
APPROPRIATION:	$1,024,430
ACTUAL EXPENDITURES:	$1,024,430
DESCRIPTION:	500,000 gallon storage tank, transmission line
ENGINEER:	Nelson Engineering, Jackson, WY
CONTRACTOR:	DYK, Inc., El Cajon, CA
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2007

209. PROJECT: **Green River/Rock Springs Water Treatment Plant**

SPONSOR:	GR-RS-SC JPWB
LOCATION:	Sweetwater County
PROGRAM:	Public Purpose Investment
APPROPRIATION:	$24,000,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES:	$24,000,000
DESCRIPTION:	Construction of a new water treatment plant
ENGINEER:	Forsgren Associates, Evanston, WY
CONTRACTOR:	Ellsworth Peck, American Fork, UT Weststates Construction, Salt Lake City, UT
COMPLETION DATE:	2000
SESSION LAW:	1995

210. PROJECT: **Green River Supply Canal Rehabilitation**

SPONSOR:	Green River Irrigation District
LOCATION:	Sublette County
PROGRAM:	Rehabilitation
APPROPRIATION:	$350,000
ACTUAL EXPENDITURES:	$346,961
DESCRIPTION:	Diversion and flume rehabilitation, canal reshaping
ENGINEER:	Jack T. Doyl, Pinedale, WY
CONTRACTOR:	Teletractors, Inc., Pinedale, WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2005, 2009

211. PROJECT: **Greybull Crossing and Tank Project**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	New Construction
APPROPRIATION:	$1,850,000
ACTUAL EXPENDITURES:	$1,255,658
DESCRIPTION:	Big Horn River pipeline crossing, and a transmission pipeline to a new water storage tank.
ENGINEER:	Crank Companies, Inc., Diamondville, WY
CONTRACTOR:	LaMax Construction, Basin, WY
YEAR COMPLETED:	2005
SESSION LAW YEAR:	2000

212. PROJECT: **Greybull Highway 14 Crossing**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$240,000
ACTUAL EXPENDITURES:	$ 77,222
DESCRIPTION:	Lower and reroute several of the Town of Greybull's potable water transmission pipelines for the Wyoming Department of Transportation's reconstruction of a portion of U.S. Highway 14.
ENGINEER:	WYDOT; Cheyenne, WY
CONTRACTOR:	Unknown
YEAR COMPLETED:	2005
SESSION LAW YEAR:	2003

213. PROJECT: **Greybull Pipeline and Well Improvements Project**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,470,000
ACTUAL EXPENDITURES:	$ 860,854
DESCRIPTION:	Design and construction of transmission pipeline and well improvements. The town's well field is located near the community of Shell, about 15 miles east of Greybull.
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	LAMAX CONSTRUCTION, INC., Basin, WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2008

214. PROJECT: **Greybull Rehabilitation**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$355,000
ACTUAL EXPENDITURES:	$322,764
DESCRIPTION:	Water system rehabilitation
ENGINEER:	Crank Companies, Inc.; Kemmerer, WY
CONTRACTORS:	Lamax Construction, Basin, WY Automation Electronic, Casper, WY
YEAR COMPLETED;	2000
SESSION LAW YEAR:	1996

215. PROJECT: **Greybull Shell Water Supply/Greybull Groundwater**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	New Development
APPROPRIATION:	$517,000
ACTUAL EXPENDITURES:	$517,000
DESCRIPTION:	Pipeline, storage tank, and disinfection facilities
CONTRACTOR	LaMax Construction, Inc., Basin, WY
COMPLETION DATE	2002
SESSION LAW	1998, 1999

216. PROJECT: **Greybull Transmission Pipeline**

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	New Development
APPROPRIATION:	$824,100
ACTUAL EXPENDITURES:	$622,069
DESCRIPTION:	New transmission pipeline to connect Town's water system to storage tank at airport for additional municipal potable storage
ENGINEER:	Nelson Engineering, Buffalo, WY
CONTRACTOR:	Copper Creek Construction, LLC; Basin, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

217. PROJECT: **Greybull Valley Dam and Reservoir**

SPONSOR:	Greybull Valley Irrigation District
LOCATION:	Big Horn County
PROGRAM:	New Development
APPROPRIATION:	$32,057,458
ACTUAL EXPENDITURES:	$31,202,416
DESCRIPTION:	Diversion structure, supply canal and dam
ENGINEER:	URS, Inc., Denver, CO
CONTRACTOR:	Ogden Engineering and Construction, Inc., Cody, WY
YEAR COMPLETED:	2010
SESSION LAW YEAR:	1994, 1996, 2002, 2005

218. PROJECT: **Greybull Valley ID Hydroelectric**

SPONSOR:	Greybull Valley Irrigation District
LOCATION:	Park/Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$150,000
ACTUAL EXPENDITURES:	$123,755
DESCRIPTION:	Determined project feasibility
ENGINEER:	AECOM, Denver, CO
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2012

219. PROJECT: **Grover Water Supply**

SPONSOR:	Grover Water and Sewer District
LOCATION:	Lincoln County
PROGRAM:	New Development
APPROPRIATION:	$493,000
ACTUAL EXPENDITURES:	$493,000
DESCRIPTION:	Well storage, pipeline
ENGINEER:	Forsgren Associates, Evanston, WY
CONTRACTOR:	JASCO; Evanston, WY
YEAR COMPLETED:	1995
SESSION LAW YEAR:	1992

220. PROJECT: **Guernsey Water Supply**

SPONSOR:	Town of Guernsey
LOCATION:	Goshen County
PROGRAM:	New Development
APPROPRIATION:	$550,000

ACTUAL EXPENDITURES: $511,995
DESCRIPTION: Construction of a new well and a supply pipeline
ENGINEER: TST Engineering, Denver, CO
Weston Engineering, Laramie WY
CONTRACTOR: D. C. Drilling, Wheatland, WY
High Plains Construction, Casper, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1996

221. PROJECT: Gunbarrel Lateral Rehabilitation
SPONSOR: Platte County Resource District
LOCATION: Platte County
PROGRAM: Rehabilitation
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $210,782
DESCRIPTION: Replaced an open ditch with a buried pipeline.
Provided construction materials only.
ENGINEER: Natural Resources Conservation Service
CONTRACTOR: Sponsor
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1997

222. PROJECT: GVID Upper Sunshine Diversion
SPONSOR: Greybull Valley Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $3,900,000
ACTUAL EXPENDITURES: $3,891,391
DESCRIPTION: Replacement of the Upper Sunshine Diversion on the Greybull River.
ENGINEER: Wenck & Associates, Cheyenne, WY
CONTRACTOR: Groathouse Construction, Laramie, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2009, 2011

223. PROJECT: Hanover Flume Rehabilitation
SPONSOR: Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $87,000
ACTUAL EXPENDITURES: $43,500
DESCRIPTION: Coat steel flume liner
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: Industrial Coatings, Inc., Great Falls, MT
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2003

224. PROJECT: Hanover Irrigation
SPONSOR: Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $600,000
ACTUAL EXPENDITURES: $600,000

DESCRIPTION: Moss catcher and structure
ENGINEER: Crank Companies, Inc., Kemmerer, WY
CONTRACTOR: R-D Construction, Casper, WY
Magic Valley Heliac, Twin Falls, ID
YEAR COMPLETED: 1992
SESSION LAW YEAR: 1990

225. PROJECT: Hartville Water Supply
SPONSOR: Town of Hartville
LOCATION: Platte County
PROGRAM: New Development
APPROPRIATION: $0
ACTUAL EXPENDITURES: $0
DESCRIPTION: Authorize transfer Level II well to town for $19,020.
ENGINEER: NA
CONTRACTOR: NA
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1998

226. PROJECT: Hawk Springs
SPONSOR: Horse Creek Conservation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $8,871,000
ACTUAL EXPENDITURES: $8,491,098
DESCRIPTION: Dams, canals
ENGINEER: Soil Conservation Service; Casper, WY
DMJM; Denver, CO
Stone and Webster, Denver, CO
CONTRACTOR: Larry's Plumbing and Heating, Gillette, WY
Scott and Son, Torrington, WY
Lower and Co., Casper, WY
DATE COMPLETED: 1989
SESSION LAW DATE: 1983, 1985, 1993

227. PROJECT: Heart Mountain Irrigation District Rattlesnake Liner Replacement
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $2,700,000
ACTUAL EXPENDITURES: $1,685,645.38
DESCRIPTION: Relining of a portion of the Heart Mountain Canal called the Rattlesnake Liner section.
ENGINEER: J-U-B Engineers, Evanston, WY
CONTRACTOR: S&S Builders, Cheyenne, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2018

228. PROJECT: Heart Mountain Lining
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

APPROPRIATION: $978,000
ACTUAL EXPENDITURES: $758,863
DESCRIPTION: Replace concrete inlet of Buck Springs Siphon
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: Reiman Corporation, Cheyenne, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2007, 2008

229. PROJECT: Heart Mountain Pipe Conversion
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $715,340
ACTUAL EXPENDITURES: $715,340
DESCRIPTION: Pipe laterals H28, R39, part of R15-2N&6N
ENGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Heart Mountain Irrigation District
DATE COMPLETED: 2008
SESSION LAW DATE: 2004, 2006

230. PROJECT: Heart Mountain Rehabilitation
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,574,500
ACTUAL EXPENDITURES: $ 835,030
DESCRIPTION: Pipe laterals R15-2N & 6N, R26, R28, Weed Screen on Heart Mountain Canal
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: Heart Mountain Irrigation District
MATERIALS: Waterworks Irrigation, Inc., Ralston, WY
J&E Irrigation, Inc., Basin, WY
Miller's Fabrication & Construction, Inc., Lovell, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2008

231. PROJECT: Heart Mountain Rehabilitation 2010
SPONSOR: Heart Mountain Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,990,000
ACTUAL EXPENDITURES: $1,963,075
DESCRIPTION: Replace open ditches with pipe.
ENGINEER: Sage Civil Engineering, Cody, WY
CONTRACTOR: Rubicon Systems America, Inc., Fort Collins, CO
Waterworks Irrigation, Inc., Ralston, WY
Triple L Sales, Cody, WY
Yellowstone Computer Service, Cody, WY
Big Horn Truck and Equipment, Inc., Manderson, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2010

232. PROJECT: **High Meadow Ranch Well, Tank and Pipeline 2017**

SPONSOR:	High Meadow Ranch Water District
LOCATION:	Sublette County
PROGRAM:	New Development
APPROPRIATION:	$1,991,910
ACTUAL EXPENDITURES:	$1,990,279
DESCRIPTION:	New Storage Tank and Pipeline
ENGINEER:	Jorgensen Engineering, Pinedale, WY
CONTRACTOR:	Wilson Brothers Construction**,** Cowley, WY
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2017

233. PROJECT: **Hidden Valley**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,969,543
ACTUAL EXPENDITURES:	$2,854,367
DESCRIPTION:	Gravity pressure irrigation delivery pipeline
ENGINEER:	Natural Resources Conservation Service Anderson Consulting Engineers, Fort Collins, CO
CONTRACTOR:	Midvale Irrigation District
DATE COMPLETED:	2010
SESSION LAW DATE:	2004, 2006

234. PROJECT: **Highland Hanover Rehabilitation**

SPONSOR:	Highland Hanover Irrigation District
LOCATION:	Washakie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$536,000
ACTUAL EXPENDITURES:	$536,000
DESCRIPTION:	Pump station rehab; canal and lateral repairs
ENGINEER:	Nelson Engineering, Jackson, WY
CONTRACTOR:	Mainline Construction, Billings, MT Big Horn Red-Mix, Worland, WY Tesco Electric, Worland, WY
YEAR COMPLETED:	1994
SESSION LAW YEAR:	1989

235. PROJECT: **Highline Canal**

SPONSOR:	Shell Valley Watershed Improvement District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$808,050
ACTUAL EXPENDITURES:	$714,608
DESCRIPTION:	Construction of a replacement diversion structure; installation of a pipeline in the canal; and installation of new delivery structures.
ENGINEER:	Sage Civil Engineering, Cody WY
CONTRACTOR:	Wilson Brothers Construction, Cowley WY
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2008

236. PROJECT: **Highline Ditch Rehabilitation**

SPONSOR:	Highline Irrigation District
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$260,000
ACTUAL EXPENDITURES:	$231,560
DESCRIPTION:	Diversion dam, pipeline
ENGINEER:	Engineering, Inc., Sheridan, WY
CONTRACTOR:	Fletcher Construction, Sheridan, WY
YEAR COMPLETED:	1990
SESSION LAW DATE:	1988

237. PROJECT: **Highline Irrigation Ditch Rehabilitation**

SPONSOR:	Highline Watershed Improvement District
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$726,000
ACTUAL EXPENDITURES:	$726,000
DESCRIPTION:	Ditch erosion control and renovation
ENGINEER:	PMPC, Inc., Saratoga, WY
CONTRACTOR:	A & D Dozers, Inc., Rawlins, WY
YEAR COMPLETED:	2002
SESSION LAW YEAR:	2000

238. PROJECT: **High Savery Dam and Reservoir**

SPONSOR:	The State of Wyoming
LOCATION:	Carbon County
PROGRAM:	New Development
APPROPRIATION:	$33,800,000
ACTUAL EXPENDITURES:	$31,527,606
DESCRIPTION:	Dam and reservoir
ENGINEER:	States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR:	Ames Construction, Inc., Denver, CO
YEAR COMPLETED:	2010
SESSION LAW YEAR:	1988, 1989, 1993, 2001

239. PROJECT: **Hill Irrigation District - Guernsey Spillway Rehabilitation**

SPONSOR:	Hill Irrigation District
LOCATION:	Goshen County
PROGRAM:	Rehabilitation
APPROPRIATION:	$36,850.00
ACTUAL EXPENDITURES:	$28,382.79
DESCRIPTION:	Design and construction of replacement spillway gates
ENGINEER:	Bureau of Reclamation
CONTRACTOR:	Lillard and Clark Construction Company, Inc., Denver, CO
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2015

240. PROJECT: **Hopkins Producers Supply**

SPONSOR:	Hopkins Producers Irrigation District
LOCATION:	Johnson County
PROGRAM:	Rehabilitation

APPROPRIATION:	$703,500
ACTUAL EXPENDITURES:	$702,538
DESCRIPTION:	Construction of gravity pipelines to replace the Hopkins Irrigation Canal.
ENGINEER:	Natural Resource Conservation Service, Casper, WY Grizzly Engineering, Buffalo, WY
CONTRACTOR:	Mulinax Concrete Service Co., Inc., Sheridan, WY Johansen Construction, Mt. Pleasant, UT
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2006

241. PROJECT: Horse Creek Conservation District Rehabilitation

SPONSOR:	Horse Creek Conservation District
LOCATION:	Goshen County
PROGRAM:	Rehabilitation
APPROPRIATION:	$246,600
ACTUAL EXPENDITURES:	$190,124
DESCRIPTION:	Replace ditch with pipe, install structures
ENGINEER:	PMP, Saratoga, WY BenchMark Engineering, Torrington, WY
CONTRACTOR:	Horse Creek Conservation District, Hawk Springs, WY
MATERIALS:	Shively Hardware Co., Saratoga, WY Vaughn Concrete Products, Inc., Cheyenne, WY Lanphier, Inc., Lingle, WY Panhandle Concrete Products, Inc., Scottsbluff, NE
YEAR COMPLETED:	2001
SESSION LAW DATE:	1999

242. PROJECT: Hudson Water Supply

LEVEL:	III
SPONSOR:	Town of Hudson
LOCATION:	Fremont County
PROGRAM:	New Development
APPROPRIATION:	$1,520,000
ACTUAL EXPENDITURES:	$ 617,566
DESCRIPTION:	Replacement of 10 alluvial wells and collection system
ENGINEER:	James Gores and Associates, Riverton, WY
CONTRACTOR:	Jerry Bornhoft Construction, Inc., Riverton WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2009

243. PROJECT: Hugus-Mullison Ditch (Hugus Ditch)

SPONSOR:	Hugus Watershed improvement District
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$325,000
ACTUAL EXPENDITURES:	$303,107
DESCRIPTION:	Renovation of the existing ditch to improve several street crossings, improve overflow structures, and provide a concrete lining in that portion of the ditch which passes through the Town.

ENGINEER: PMPC Civil Engineers, Saratoga, WY
CONTRACTOR: Foster Construction Co., Inc., Riverton, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 2001

244. PROJECT: Hulett Water Supply
SPONSOR: Town of Hulett
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $246,635
DESCRIPTION: Pump, storage tank and pipeline
ENGINEER: Weston Engineering, Upton, WY
CONTRACTOR: S & S Builders, Gillette, WY
YEAR COMPLETED: 1994
SESSION LAW DATE: 1991

245. PROJECT: Hunt Canal Rehabilitation
SPONSOR: Hunt Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $650,000
ACTUAL EXPENDITURES: $640,000
DESCRIPTION: Diversion dam and headgate replacement, canal repairs
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Nichols and Lewis, Lovell, WY
YEAR COMPLETED: 1994
SESSION LAW DATE: 1990

246. PROJECT: Hyattville Water Supply Project
SPONSOR: Hyattville Improvement and Service District
LOCATION: Big Horn County
PROGRAM: New Construction
APPROPRIATION: $835,000
ACTUAL EXPENDITURES: $793,424
DESCRIPTION: New transmission pipelines, pipeline connections to the new well and well house enclosure. This system does not have a water storage tank. It operates off of the wellhead pressure and flow.
ENGINEER: Wester-Wetstein, Laramie, WY
CONTRACTOR: Wilson Brothers Construction, Lovell, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2006

247. PROJECT: Indian Paintbrush Water Supply
SPONSOR: Indian Paintbrush Water District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $616,400
ACTUAL EXPENDITURES: $616,400
DESCRIPTION: Well and Transmission

ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Westwood Curtis, Jackson, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2015

248. PROJECT: Indian Springs Water Supply
SPONSOR: Indian Springs Improvement and Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $150,000
ACTUAL EXPENDITURES: $107,713
DESCRIPTION: Transmission pipeline
ENGINEER: Hibsman Associates, Casper, WY
CONTRACTOR: High Plains Construction, Mills, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1992

249. PROJECT: Iron Creek Rehabilitation
SPONSOR: Shoshone/Deaver Irrigation Districts
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,500,000
ACTUAL EXPENDITURES: $1,500,000
DESCRIPTION: Tunnel repair
ENGINEER: Harza Engineering Company, Denver, CO
CONTRACTOR: Shoshone Irrigation District
YEAR COMPLETED: 1987
SESSION LAW DATE: 1984

250. PROJECT: Jackson Raw Water Supply
SPONSOR: Town of Jackson
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $450,000
ACTUAL EXPENDITURES: $450,000
DESCRIPTION: Irrigation and thaw wells, pipeline, and pumps
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Thomas Drilling, Afton, WY
G.M. Stewart Corporation, Evanston, WY
YEAR COMPLETED; 2001
SESSION LAW YEAR; 1999

251. PROJECT: Jackson Storage Tanks
SPONSOR: Town of Jackson
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $4,000,000
ACTUAL EXPENDITURES: $3,509,230
DESCRIPTION: Replacement of two ground level storage tanks

ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: MD Nursery & Landscaping, Driggs, ID
Westwood Curtis Construction, Jackson, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2010

252. PROJECT: Jackson Water Supply
SPONSOR: Town of Jackson
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $2,300,000
ACTUAL EXPENDITURES: $1,952,515
DESCRIPTION: Three new wells with control building
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: H-K Contractors, Inc., Idaho Falls, ID
YEAR COMPLETED: 1998
SESSION LAW YEAR: 1994

253. PROJECT: Jamestown/Rio Vista Water Supply
SPONSOR: Jamestown-Rio Vista Water and Sewer District
LOCATION: Sweetwater County
PROGRAM: New Development
APPROPRIATION: $4,288,000
ACTUAL EXPENDITURES: $3,151,287
DESCRIPTION: Transmission pipeline from the GR-RS-SC JPWB, transmission pipeline within District to provide water to areas that have not had access to system previously, and construct new storage tank
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Western Municipal Construction of Wyoming, Inc, Meeteetse, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

254. PROJECT: Jeffrey City Water System Improvements
SPONSOR: Jeffrey City Water & Sewer District
LOCATION: Freemont County
PROGRAM: New Development
APPROPRIATION: $418,750
ACTUAL EXPENDITURES: $352,526
DESCRIPTION: Well improvements, new well, storage tanks, piping and appurtenances
ENGINEER: 609 Consulting, Casper, WY
CONTRACTOR: Atnip Construction, Cody, WY
High Plains Construction, Casper, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2013

255. PROJECT: Jon's Drop/Four Mile Flume Rehabilitation
SPONSOR: Savery-Little Snake Water Conservancy District
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $142,000
ACTUAL EXPENDITURES: $ 90,254

DESCRIPTION: Renovation
ENGINEER: Merrill Engineering Consultants, WY
CONTRACTOR: Willies Dirt Service, Wamsutter WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2003

256. PROJECT: Kaycee Replacement Tank
SPONSOR: Town of Kaycee
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $435,500
ACTUAL EXPENDITURES: $404,185
DESCRIPTION: Storage tank construction
ENGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Dale Weaver Wyoming, Powell, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2015

257. PROJECT: Kaycee Storage & Transmission
SPONSOR: Town of Kaycee
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $2,350,000
ACTUAL EXPENDITURES: $1,174,883
DESCRIPTION: Storage tank, transmission pipeline, control valves
ENGINEER: CEPI, Casper, WY
CONTRACTOR: High Plains, Casper, WY
COMPLETION DATE 4/21/2009
SESSION LAW 2006

258. PROJECT: Kemmerer City Dam Rehabilitation
SPONSOR: City of Kemmerer
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $940,000
ACTUAL EXPENDITURES: $940,000
DESCRIPTION: Dam repair
ENGINEER: Woodward-Clyde Consultant, Denver, CO
CONTRACTOR: Nicholas Construction Company, Denver, CO
YEAR COMPLETED: 1990
SESSION LAW YEAR: 1988, 1990

259. PROJECT: Kemmerer-Diamondville Water System
SPONSOR: Kemmerer-Diamondville Joint Power Water Board
LOCATION: Lincoln
PROGRAM: New Development
APPROPRIATION: $1,587,900
ACTUAL EXPENDITURES: $1,185,838
DESCRIPTION: Design and construction of a storage tank and pipeline

ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Dale Cox Contracting, Manti, UT
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2015

260. PROJECT: Kemmerer Transmission Pipeline 2016
SPONSOR: Kemmerer-Diamondville Joint Powers Water Board
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $1,172,500
ACTUAL EXPENDITURES: $ 949,960
DESCRIPTION: Transmission Lines
ENGINEER: Crank Company's, Kemmerer, WY
CONTRACTOR: High Country**,** Riverton, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2016

261. PROJECT: Kirby Ditch
SPONSOR: Kirby Irrigation District
LOCATION: Hot Springs County
PROGRAM: Rehabilitation
APPROPRIATION: $141,000
ACTUAL EXPENDITURES: $ 70,363
DESCRIPTION: Siphon, measuring devices
ENGINEER: Soil Conservation Service, Worland, WY
CONTRACTOR: Big Horn Red Mix, Greybull, WY
YEAR COMPLETED: 1987
SESSION LAW DATE: 1984

262. PROJECT: Kirby Ditch
SPONSOR: Kirby Ditch Irrigation District
LOCATION: Hot Springs County
PROGRAM: Rehabilitation
APPROPRIATION: $60,000
ACTUAL EXPENDITURES: $42,069
DESCRIPTION: Siphon and Wasteway
ENGINEER: Natural Resources Conservation Service, WY
CONTRACTOR: W.A.R., Inc., Thermopolis, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR; 1999

263. PROJECT: Kirby Municipal Project
SPONSOR: Town of Kirby
LOCATION: Hot Springs County
PROGRAM: New Construction
APPROPRIATION: $608,000
ACTUAL EXPENDITURES: $203,357
DESCRIPTION: Construction of transmission pipelines and modifications to the town's storage tank.

ENGINEER: Engineering Associates, Thermopolis, WY
CONTRACTOR: Lamax Construction, Basin, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2007

264. PROJECT: Kirby Rehabilitation 2011
SPONSOR: Kirby Irrigation District
LOCATION: Hot Springs County
PROGRAM: Rehabilitation
APPROPRIATION: $420,000
ACTUAL EXPENDITURES: $420,000
DESCRIPTION: Headgate rehabilitation and canal improvements
ENGINEER: Anderson Consulting Engineers, Fort Collins, CO
CONTRACTOR: Big Horn Redi Mix, Thermopolis, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2011

265. PROJECT: LaBarge Water Supply
SPONSOR: Town of LaBarge
LOCATION: Lincoln
PROGRAM: New Development
APPROPRIATION: $425,000*
ACTUAL EXPENDITURES: $398,170
DESCRIPTION: Design and construction of a river raw water intake system.
ENGINEER: Rendezvous Engineering, Jackson, WY
CONTRACTOR: Kilroy LLC, Afton, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2011, 2016
*In 2016, $55,000 from the Sponsor's Contingency Fund was added to the original 2011 appropriation of $370,000.

266. PROJECT: Lake Adelaide Reservoir Enlargement
SPONSOR: Shell Valley Watershed Improvement District
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $2,200,000
ACTUAL EXPENDITURES: $1,840,503
DESCRIPTION: Dam enlargement
ENGINEER: ESA Consultants, Inc., Fort Collins, CO
CONTRACTOR: MRC, Inc., Casper, WY
YEAR COMPLETED: 1992
SESSION LAW DATE: 1986

267. PROJECT: Lake DeSmet Rehabilitation
SPONSOR: Lake DeSmet Counties Coalition, JPB
LOCATION: Johnson County
PROGRAM: Rehabilitation
APPROPRIATION: $1,430,000
ACTUAL EXPENDITURES: $1,430,000
DESCRIPTION: Riprap, grading, sediment removal, piezometers

ENGINEER: WWC Engineering, Sheridan, WY
CONTRACTOR: Donnes Incorporated, Shepherd, MT
C&S Construction, Inc., Billings, MT
Big Horn Welding, Inc., Buffalo, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2005, 2009

268. PROJECT: Lake Hattie Dam
SPONSOR: Pioneer Canal-Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $840,000.00
$282,000.00 (Sponsor's Contingency Fund, 2012)
ACTUAL EXPENDITURES: $1,083,172.21
DESCRIPTION: Replace outlet valves and reline outlet pipes.
ENGINEER: DOWL-HKM, Laramie WY
CONTRACTOR: Hamaker Excavation, Inc., Laramie WY
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2010
*Includes $282,000 Sponsor's Inflation Fund, Account II, 2013

269. PROJECT: Lake Hattie Dam Rehabilitation
SPONSOR: Pioneer Canal - Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $360,000
ACTUAL EXPENDITURES: $345,580
DESCRIPTION: Dam repair
ENGINEER: Western Water Consultants, Laramie, WY
CONTRACTOR: Domino Construction, Laramie, WY
YEAR COMPLETED: 1990
SESSION LAW DATE: 1988

270. PROJECT: Lake Hattie Outlet Works
SPONSOR: Pioneer Canal – Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $163,000
ACTUAL EXPENDITURES: $163,000
DESCRIPTION: New Outlet structure to prevent the buildup of sediment in the outlet pipes
ENGINEER: WWC Engineering
CONTRACTOR: Hamaker Excavation, Laramie, WY
Timberline Excavating, Sundance, WY
YEAR COMPLETED: 2006
SESSION LAW YEAR: 2004

271. PROJECT: Lake Hattie Supply Canal
SPONSOR: Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $1,400,000
ACTUAL EXPENDITURES: $1,270,195

DESCRIPTION: Canal structures and alignment
ENGINEER: Western Water Consultants, Laramie, WY
CONTRACTOR: Bartlett Construction, Hanna, WY
Domson, Inc., Torrington, WY
YEAR COMPLETED: 1996
SESSION LAW DATE: 1990

272. PROJECT: Lakeview Improvement and Service District Water Supply

SPONSOR: Lakeview Improvement and Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $390,000
ACTUAL EXPENDITURES: $314,185
DESCRIPTION: Transmission Pipelines
ENGINEER: Civil Engineering Professionals, Inc., Casper, WY
CONTRACTOR: Hedquist Construction, Inc., Casper, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 2000

273. PROJECT: Lakeview Irrigation District Rehabilitation 2014

SPONSOR: Lakeview Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $154,770
ACTUAL EXPENDITURES: $154,770
DESCRIPTION: Replace a siphon
ENGINEER: Sage Engineering, Cody, WY
CONTRACTOR Wilson Brothers Construction, Lovell, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2014

274. PROJECT: Lakeview Irrigation District Rehabilitation 2016

SPONSOR: Lakeview Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $194,300
ACTUAL EXPENDITURES: $194,300
DESCRIPTION: Replace a siphon
ENGINEER: Sage Engineering, Cody, WY
CONTRACTOR: Harris Trucking, Cody, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2016

275. PROJECT: Lance Creek Water Rehabilitation

SPONSOR: Lance Creek Water and Sewer District
LOCATION: Niobrara County
PROGRAM: Rehabilitation
APPROPRIATION: $327,900
ACTUAL EXPENDITURES: $327,900
DESCRIPTION: Pipeline, backflow prevention

ENGINEER: Western Water Consultants, Laramie, WY
CONTRACTOR: Excel Construction, Inc., Sheridan, WY
YEAR COMPLETED: 2001
SESSION LAW DATE: 1997

276. PROJECT: Lance Creek Well Connection
SPONSOR: Lance Creek Water and Sewer District
LOCATION: Niobrara County
PROGRAM: New Development
APPROPRIATION: $170,000
ACTUAL EXPENDITURES: $0
DESCRIPTION: Connect Level II supply well to District's system; Project not completed
ENGINEER: N/A*
CONTRACTOR: N/A*
YEAR COMPLETED: N/A*
SESSION LAW YEAR: 2013
*Sponsor did not execute the WWDC Project Agreement. Funding reverted back into WWDA I.

277. PROJECT: Lander Intake Facilities
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $200,000
ACTUAL EXPENDITURES: $108,642
DESCRIPTION: Relocate and renovate intake structure
ENGINEER: Aspen Engineering, Inc., Riverton, WY
CONTRACTOR: Excel Construction Inc., Sheridan, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 1999

278. PROJECT: Lander Transmission Pipeline 2016
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $2,070,970
ACTUAL EXPENDITURES: $2,070,970
DESCRIPTION: Transmission pipeline
ENGINEER: Dowl, Sheridan, WY
CONTRACTOR: Patrick Construction**,** Riverton, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2016

279. PROJECT: Lander Water Supply
LEVEL: III
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $3,068,000
ACTUAL EXPENDITURES: $3,068,000
DESCRIPTION: Installation of transmission lines.

ENGINEER: Dowl, Lander, WY
CONTRACTOR: Patrick Construction, Lander, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2012

280. PROJECT: Lander Water Supply Rehabilitation
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $1,696,000
ACTUAL EXPENDITURES: $1,016,077
DESCRIPTION: Raw and treated transmission pipelines
ENGINEER: Aspen Engineering Inc., Riverton, WY
CONTRACTOR: Excel Construction Inc., Sheridan, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 1999 & 2000

281. PROJECT: Lander Worthen Meadows Dam Rehabilitation
SPONSOR: City of Lander
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $1,250,000
ACTUAL EXPENDITURES: $ 811,804
DESCRIPTION: Dam repair
ENGINEER: Versar; Riverton, WY
CONTRACTOR: C.J. Abbot, Casper, WY
YEAR COMPLETED: 1991
SESSION LAW YEAR; 1989

282. PROJECT: LaPrele Rehabilitation
SPONSOR: LaPrele Irrigation District
LOCATION: Converse County
PROGRAM: Rehabilitation
APPROPRIATION: $1,500,000
ACTUAL EXPENDITURES: $1,476,203
DESCRIPTION: Tunnel repair, canals
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Central Contractors, Inc., Mills, WY
YEAR COMPLETED; 1985
SESSION LAW YEAR; 1984

283. PROJECT: Laramie County Archer Water Supply
SPONSOR: Laramie County
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $201,000
ACTUAL EXPENDITURES: $115,153
DESCRIPTION: Drilling, testing and completion of a production well
ENGINEER: Western R&D, Cheyenne, WY
Dahlgren Consulting, Inc., Cheyenne, WY
CONTRACTOR: Sargent Irrigation; Broken Bow, NE
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009

284. PROJECT: **Laramie East Side Tank**

SPONSORS:	City of Laramie
LOCATION:	Albany County
PROGRAM:	New Development
APPROPRIATION:	$4,780,000
ACTUAL EXPENDITURES:	$4,756,142
DESCRIPTION:	The purpose of this project is to construct transmission lines, water storage facilities, and pump stations for the City of Laramie.
ENGINEER:	Wester-Wetstein; Laramie, WY
CONTRACTOR:	Reiman Corporation/Aslan Construction, Cheyenne, WY
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2002

285. PROJECT: **Laramie North Side Supply**

SPONSOR:	City of Laramie
LOCATION:	Albany County
PROGRAM:	Rehabilitation
APPROPRIATION:	$4,240,000
ACTUAL EXPENDITURES:	$3,919,670
DESCRIPTION:	Design and construction of a transmission line in North Laramie, including cathodic protection and partial line replacement. This project also included design for the Laramie East Side Tank Project.
ENGINEER:	Aspen Banner for Laramie North design and construction and Wester-Wetstein for Laramie East Side Tank Project design.
CONTRACTOR:	Excel Construction, Inc.; Sheridan, WY
YEAR COMPLETED:	2006
SESSION LAW YEAR:	2000, 2001, 2002

286. PROJECT: **Laramie Rehabilitation**

SPONSOR:	City of Laramie
LOCATION:	Albany County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,750,000
ACTUAL EXPENDITURES:	$1,546,216
DESCRIPTION:	Replacement of water supply pipelines; New pumphouse; Reservoir rehabilitation
ENGINEER:	Western Water Consultants, Laramie, WY Wester-Wetstein & Associates, Laramie WY
CONTRACTOR:	Johnson's Pump and Excavating, Wheatland, WY Domino Construction, Laramie, WY, High Plains Construction; Mills, WY; Bartlett Inc., Hanna, WY
YEAR COMPLETED:	1999
SESSION LAW YEAR:	1995, 1996

287. PROJECT: **Laramie Rivers**

SPONSOR:	Pioneer Canal-Lake Hattie Irrigation District
LOCATION:	Albany County
PROGRAM:	Rehabilitation
APPROPRIATION:	$165,000
ACTUAL EXPENDITURES:	$165,000
DESCRIPTION:	Refinanced existing loans

ENGINEER: NA
CONTRACTOR: NA
DATE COMPLETED: 1988
SESSION LAW DATE: 1987

288. PROJECT: Laramie Transmission Pipeline
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: New Development
APPROPRIATION: $10,850,000
ACTUAL EXPENDITURES: $ 8,483,915
DESCRIPTION: Transmission pipeline from the Laramie River to the City of Laramie water treatment plant.
ENGINEER: DOWL-HKM, Laramie WY
CONTRACTOR: TIC, Denver CO
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2009, 2012

289. PROJECT: Laramie Transmission Pipeline and Pioneer Canal Diversion
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $4,945,000
ACTUAL EXPENDITURES: $4,237,768
ENGINEER: Banner & Associates, Laramie WY
Western Water Consultants, Laramie, WY
CONTRACTOR: Bartlett Construction, Hanna, WY
TIC; Casper, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1998

290. PROJECT: Laramie Water Management Project (meters)
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $97,150
ACTUAL EXPENDITURES: $70,422
DESCRIPTION: Replacement of transmission main meters
ENGINEER: Camp Creek Engineering, Laramie, WY
CONTRACTOR: Six Point Solutions, LLC, Laramie, WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2006

291. PROJECT: Laramie Water Supply
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: New Development
APPROPRIATION: $4,400,000
ACTUAL EXPENDITURES: $3,124,801

ENGINEER: Western Water Consultants, Laramie WY
CONTRACTOR: High Plains Construction, Casper, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1995, 1996

292. PROJECT: Laramie West Storage
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: New Development
APPROPRIATION: $2,950,000
ACTUAL EXPENDITURES: $2,852,065
ENGINEER: Wester-Wetstein & Associates, Laramie WY
CONTRACTOR: High Plains Construction, Casper, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1999

293. PROJECT: LeClair Irrigation District Rehabilitation 2016
SPONSOR: LeClair Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $760,000
ACTUAL EXPENDITURES: $ 0
DESCRIPTION: Replace diversion structure
ENGINEER: None
CONTRACTOR None
YEAR COMPLETED: 2017*
SESSION LAW YEAR: 2016
*Following the 2016 Legislature appropriating funding for the diversion structure, the District identified three sections of irrigation canals that were experiencing significant seepage loses. The District elected to revert the 2016 appropriation (reverted on July 1, 2017) and seek new funding to address the seepage issue (LeClair Irrigation District Rehabilitation 2017 project).

294. PROJECT: LeClair Irrigation District Rehabilitation 2017
SPONSOR: LeClair Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $1,530,910
ACTUAL EXPENDITURES: $ 677,597
DESCRIPTION: Design and construction of canal lining
ENGINEER: HDR, Lander, WY
CONTRACTOR: Granite Peak Construction Services, Inc., Casper, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2017

295. PROJECT: LeClair Irrigation Rehabilitation
SPONSOR: LeClair Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $470,000
ACTUAL EXPENDITURES: $442,845
DESCRIPTION: Canal repairs

ENGINEER: Crank Company, Inc.; Kemmerer, WY
CONTRACTOR: Foster Construction Company, Inc., Riverton, WY
YEAR COMPLETED: 1990
SESSION LAW YEAR: 1989

296. PROJECT: LeClair Lateral
SPONSOR: LeClair Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $750,000
ACTUAL EXPENDITURES: $361,342
DESCRIPTION: Lateral open ditches replacement with pipelines.
ENGINEER: Apex Surveying - R.D. Connell and Associates, Riverton, WY
CONTRACTOR: LeClair Irrigation District; Riverton, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1994

297. PROJECT: LeClair Laterals Rehabilitation
LEVEL: III
SPONSOR: LeClair Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $565,000
ACTUAL EXPENDITURES: $426,376
DESCRIPTION: Various work on laterals
ENGINEER: APEX Surveying, Riverton, WY
MATERIALS: Killebrew Irrigation, Inc., Lander, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2003

298. PROJECT: Leiter Ditch Rehabilitation 2016
SPONSOR: Lower Clear Creek Irrigation District
LOCATION: Johnson County
PROGRAM: Rehabilitation
APPROPRIATION: $1,571,000.00
ACTUAL EXPENDITURES: $1,427,445.12
DESCRIPTION: Rehabilitation of Leiter Ditch to improve flow.
ENGINEER: AVI Professional Corporation; Cheyenne, WY
CONTRACTOR: Barnum, Inc.; Buffalo, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2016

299. PROJECT: Lingle Water Supply Phase II
SPONSOR: Town of Lingle
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $711,000
ACTUAL EXPENDITURES: $693,035
DESCRIPTION: Higher elevation standpipe, upgrade pipelines
ENGINEER: BenchMark of Torrington, P.C., Torrington, WY
CONTRACTOR: Strong Construction, Inc., Torrington, WY
YEAR COMPLETED: 2005
SESSION LAW DATE: 2002

300. PROJECT: **Lingle Water Supply System Rehabilitation**

SPONSOR:	Town of Lingle
LOCATION:	Goshen County
PROGRAM:	Rehabilitation
APPROPRIATION:	$400,000
ACTUAL EXPENDITURES:	$312,228
DESCRIPTION:	Upgrade transmission pipelines
ENGINEER:	BenchMark of Torrington, P.C.; Torrington, WY
CONTRACTOR:	Scott and Son, Inc., Torrington, WY
YEAR COMPLETED:	2001
SESSION LAW DATE:	1999

301. PROJECT: **Little Snake Diversions**

SPONSOR:	Savery – Little Snake River Conservancy District
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,756,370
ACTUAL EXPENDITURES:	$2,740,953
DESCRIPTION:	Reconstruction of existing surface water diversions
ENGINEER:	S-LSRCD
CONTRACTOR:	Willies Dirt Service, Inc., Baggs, WY
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2006/2010/2012

302. PROJECT: **Little Snake Rehabilitation**

SPONSOR:	Little Snake Conservancy District
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,700,000
ACTUAL EXPENDITURES:	$2,700,000
DESCRIPTION:	Diversion Dam Replacements and Canal Repairs
ENGINEER:	States West Inc., Cheyenne, WY
CONTRACTOR:	Bartlett Construction, Hanna, WY
YEAR COMPLETED:	1998
SESSION LAW YEAR:	1993

303. PROJECT: **Little Snake Rehabilitation 2011**

SPONSOR:	Savery-Little Snake River Water Conservancy District
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$154,100
ACTUAL EXPENDITURES:	$85,622
DESCRIPTION:	Canal rehabilitation
ENGINEER:	NRCS, Baggs, WY
CONTRACTOR:	HB Lee Construction, Baggs, WY
YEAR COMPLETED:	2016
SESSION LAW YEAR:	2011

304. PROJECT: **Little Snake River Small Dams & Reservoirs**

SPONSOR:	Little Snake River Conservation District
LOCATION:	Carbon County
PROGRAM:	New Development
APPROPRIATION:	$265,000

ACTUAL EXPENDITURES: $265,000
DESCRIPTION: Construction of two small dams and reservoirs
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Willies Dirt Service, Wamsutter, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1999, 2001

305. PROJECT: Little Snake River Small Dams & Reservoirs
SPONSOR: Little Snake River Conservation District
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $852,000
ACTUAL EXPENDITURES: $846,156
DESCRIPTION: Construction of four small dams and reservoirs
ENGINEER: Sponsor, Baggs, WY
CONTRACTOR: Willies Dirt Service, Wamsutter, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 1999, 2001, 2006, 2008

306. PROJECT: Lovell Canal Rehabilitation 2014
SPONSOR: Lovell Irrigation District
LOCATION: Park and Big Horn Counties
PROGRAM: Rehabilitation
APPROPRIATION: $889,000
ACTUAL EXPENDITURES: $613,158
DESCRIPTION: Pipe Phase IV of Bench Lateral
ENGINEER: Pryor Mountain Engineering, Cowley, WY
MATERIALS: Big Horn Truck & Equipment, Manderson, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2014

307. PROJECT: Lovell Irrigation District Rehabilitation
SPONSOR: Lovell Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $820,000
ACTUAL EXPENDITURES: $749,958
DESCRIPTION: Canal Repairs
ENGINEER: Soil Conservation Service; Casper, WY
CONTRACTOR: Nichols & Lewis, Inc.; Lovell, WY
C. A. Wilson Construction Company, Cowley, WY
Jerry's Irrigation and Drainage, Inc., Powell, WY
Dale Weaver, Inc., Worland, WY
YEAR COMPLETED: 1990
SESSION LAW DATE: 1985

308. PROJECT: Lovell Rehabilitation 2009
SPONSOR: Lovell Irrigation District
LOCATION: Park and Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $432,000
ACTUAL EXPENDITURES: $427,339
DESCRIPTION: Pipe two segments of Bench Lateral

ENGINEER: Sage Civil Engineering, Cody, WY
Pryor Mountain Engineering, Cowley, WY
CONTRACTOR: Lovell Irrigation District
MATERIALS: J&E Irrigation, Inc., Basin, WY
Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009

309. PROJECT: Lovell Rehabilitation 2012
SPONSOR: Lovell Irrigation District
LOCATION: Park and Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $299,000
ACTUAL EXPENDITURES: $299,000
DESCRIPTION: Pipe one segment of Bench Lateral
ENGINEER: Pryor Mountain Engineering, Cowley, WY
CONTRACTOR: James Hinckley, Inc., Cowley, WY
MATERIALS: Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2012, 2013

310. PROJECT: Lovell Tank/Zone 2 Improvements
SPONSOR: Town of Lovell
LOCATION: Big Horn
PROGRAM: New Development
APPROPRIATION: $2,700,100
ACTUAL EXPENDITURES: $2,165,220
DESCRIPTION: 400,000-gallon water storage tank, transmission pipeline and pump station
ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: Wilson Brothers, Lovell, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015/2016

311. PROJECT: Lovell Transmission Pipeline
SPONSOR: Town of Lovell
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $1,299,800
ACTUAL EXPENDITURES: $1,086,734
DESCRIPTION: Transmission pipelines
ENGINEER: DOWL HKM, Lovell, WY
CONTRACTOR: Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2008

312. PROJECT: Lovell Transmission Pipeline
SPONSOR: Town of Lovell
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $770,500
ACTUAL EXPENDITURES: $668,022
DESCRIPTION: Transmission pipeline construction

ENGINEER: DOWL; Sheridan, WY
CONTRACTOR: Wilson Brothers, Cowley, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2012, 2013

313. PROJECT: Lower Nowood Rural Water Supply
SPONSOR: Lower Nowood Improvement and Service District
LOCATION: Washakie County
PROGRAM: New Development
APPROPRIATION: $1,696,900
ACTUAL EXPENDITURES: $1,153,446.41
DESCRIPTION: Constructed a new well and transmission pipeline
ENGINEER: Sage Civil Engineering, Cody, WY & Eagle Engineering; Worland, WY
CONTRACTOR: MJ Drilling; Buffalo, WY & Copper Creek Construction, LLC; Basin, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2016

314. PROJECT: Lusk Water Supply
SPONSOR: Town of Lusk
LOCATION: Niobrara County
PROGRAM: New Development
APPROPRIATION: $709,000
ACTUAL EXPENDITURES: $550,982
DESCRIPTION: Transmission pipelines, storage tank, pump, controls
ENGINEER: MK Centennial Engineering, Inc., Cheyenne, WY
CONTRACTOR: Western Municipal Construction, Inc., Billings, MT
YEAR COMPLETED: 1998
SESSION LAW DATE: 1996

315. PROJECT: Lusk Water System Improvements 2018
SPONSOR: Town of Lusk
LOCATION: Niobrara County
PROGRAM: New Development
APPROPRIATION: $546,050
ACTUAL EXPENDITURES: $289,126
DESCRIPTION: Replacement Well
ENGINEER: AVI Engineering, Cheyenne, WY
CONTRACTOR: DC Drilling, Lusk, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2018

316. PROJECT: Lusk Well
SPONSOR: Town of Lusk
LOCATION: Niobrara County
PROGRAM: New Development
APPROPRIATION: $415,000
ACTUAL EXPENDITURES: $359,037
DESCRIPTION: Lusk Well No. 10

ENGINEER:	M. C. Schaff & Associates; Douglas, WY
CONTRACTOR:	Sargent Drilling, Inc., Broken Bow, NE
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2007

317. PROJECT: Lyman Springs Rehabilitation

SPONSOR:	Town of Lyman
LOCATION:	Uinta County
PROGRAM:	Rehabilitation
APPROPRIATION:	$255,000
ACTUAL EXPENDITURES:	$255,000
DESCRIPTION:	Springs renovation and pumping station
ENGINEER:	Forsgren Associates, Inc., Evanston, WY
CONTRACTOR:	X-it Construction, Inc., Lyman, WY S.C.I. Inc., Lyman, WY
YEAR COMPLETED:	1999
SESSION LAW YEAR:	1996

318. PROJECT: Manville Water Supply

SPONSOR:	Town of Manville
LOCATION:	Niobrara County
PROGRAM:	New Development
APPROPRIATION:	$69,000
ACTUAL EXPENDITURES:	$67,104
DESCRIPTION:	New well and supply pipeline
ENGINEER:	Western Water Consultants, Laramie WY
CONTRACTOR:	Landkammer Trenching, Lance Creek, WY
YEAR COMPLETED:	2002
SESSION LAW YEAR:	1998

319. PROJECT: Manville Well Connection

SPONSOR:	Town of Manville
LOCATION:	Niobrara County
PROGRAM:	New Development
APPROPRIATION:	$490,000
ACTUAL EXPENDITURES:	$268,522
DESCRIPTION:	Connect Level II supply well to Town's system
ENGINEER:	WWC Engineering; Laramie, WY
CONTRACTOR:	DC Drilling, LLC; Lusk, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2014

320. PROJECT: McKenney Water Supply

SPONSOR:	McKenney I&S District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$140,000
ACTUAL EXPENDITURES:	$109,107
DESCRIPTION:	Transmission pipelines
ENGINEER:	TSP TWO, Inc., Gillette, WY
CONTRACTOR:	Larry's Inc., Gillette, WY
YEAR COMPLETED:	1996
SESSION LAW YEAR:	1994

321. PROJECT: **McNutt Water Supply**

SPONSOR:	McNutt Improvement and Service District
LOCATION:	Washakie County
PROGRAM:	New Development
APPROPRIATION:	$25,000
ACTUAL EXPENDITURES:	$23,317 (Level II)
DESCRIPTION:	Potable water delivery system.
ENGINEER:	BRS, Inc., Riverton, WY
CONTRACTOR:	None
YEAR COMPLETED:	N.A.
SESSION LAW YEAR:	1999

322. PROJECT: **Meade Creek Ditch Rehabilitation**

SPONSOR:	Meade Creek Ditch Company Irrigation District
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$401,250
ACTUAL EXPENDITURES:	$267,500
DESCRIPTION:	Directional Drilled Pipe Drop through Tunnel Hill
ENGINEER:	Natural Resources Conservation Service
OWNER'S REPRESENTATIVE:	EnTech, Inc., Sheridan, WY
CONTRACTOR:	Fletcher Construction, Sheridan, WY
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2005, 2006

323. PROJECT: **Means Water Supply**

SPONSOR:	Means First Extension W&S District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$225,000
ACTUAL EXPENDITURES:	$212,253
DESCRIPTION:	Pump station improvements, storage tank, and transmission pipeline
ENGINEER:	Bruce Engineering Services, Gillette, WY
CONTRACTOR:	DRM, Inc., Gillette, WY
YEAR COMPLETED:	1996
SESSION LAW YEAR:	1994

324. PROJECT: **Medicine Bow Transmission Pipeline**

SPONSOR:	Town of Medicine Bow
LOCATION:	Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,052,000
ACTUAL EXPENDITURES:	$959,502
DESCRIPTION:	Transmission pipeline construction
ENGINEER:	Sunrise Engineering, Cheyenne, WY
CONTRACTOR:	Redpoint Contracting, Phoenix, AZ
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2014

325. PROJECT: **Meeteetse Storage Tank Rehabilitation**

SPONSOR:	Town of Meeteetse
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$125,000
ACTUAL EXPENDITURES:	$104,831
DESCRIPTION:	Repainting of an existing potable water storage tank.
ENGINEER:	James Gores and Associates, Riverton, WY
CONTRACTOR:	Eastern Colorado Builders, Inc.; Colorado Springs, CO
YEAR COMPLETED:	2006
SESSION LAW YEAR:	2005

326. PROJECT: **Meeteetse Tank/SCADA/Retrofit**

SPONSOR:	Town of Meeteetse
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$93,800
ACTUAL EXPENDITURES:	$93,799
DESCRIPTION:	Upgrade main tank vault and modernize SCADA system
ENGINEER:	James Gores and Associates, Inc., Riverton, WY
CONTRACTOR:	Dale Weaver Wyoming, LLC, Powell, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

327. PROJECT: **Meeteetse Water Supply**

SPONSOR:	Town of Meeteetse
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$333,000
ACTUAL EXPENDITURES:	$333,000
DESCRIPTION:	New intake structure, raw water pipeline, and finished water pipeline
ENGINEER:	Sear –Brown, Fort Collins, CO
CONTRACTOR:	LAMAX Construction, Basin, WY
YEAR COMPLETED:	2001
SESSION LAW YEAR:	1998

328. PROJECT: **Midvale Bull Lake Rehabilitation 2015**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,653,200
ACTUAL EXPENDITURES:	$0
DESCRIPTION:	Dam and Spillway Rehabilitation, completed by BOR and WWDC funds not used
ENGINEER:	NA
CONTRACTOR:	NA
YEAR COMPLETED:	NA
SESSION LAW YEAR:	2015

329. PROJECT: **Midvale Canal Rehabilitation**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$230,000
ACTUAL EXPENDITURES:	$165,890
DESCRIPTION:	Wyoming Canal 2nd Division Drop Structure Replacement
ENGINEER:	APEX Surveying, Riverton, WY
MATERIALS:	Cretex Concrete Products, Casper WY Pacific Steel & Recycling, Mills WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2007

330. PROJECT: **Midvale Conservation/Automation**

LEVEL:	III
SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$542,700
ACTUAL EXPENDITURES:	$521,127
DESCRIPTION:	Automation of canal
ENGINEER:	Anderson, Fort Collins CO
CONTRACTOR:	Midvale Irrigation District
MATERIALS:	Flowmation, Fort Collins CO
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2006

331. PROJECT: **Midvale Diversion Dam Rehabilitation**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$138,000
ACTUAL EXPENDITURES:	$127,842
DESCRIPTION:	Replace gearboxes on Diversion Dam headgates
ENGINEER:	Anderson Consulting Engineers, Inc., Fort Collins, CO
CONTRACTOR:	Midvale Irrigation District
MATERIALS:	Advanced Hydraulics & Machin, Casper, WY
DATE COMPLETED:	2008
SESSION LAW DATE:	2005

332. PROJECT: **Midvale Irrigation District Rehabilitation 2018**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$995,000.00
ACTUAL EXPENDITURES:	$726,307.64
DESCRIPTION:	Replacement of 27A and 31.7 lateral to pipe
ENGINEER:	APEX Surveying Inc, Riverton, WY
CONTRACTOR:	Midvale Irrigation District, Pavillion, WY
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2018

333. PROJECT: **Midvale Pilot 27.0 A Lateral 2017**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$355,000.00
ACTUAL EXPENDITURES:	$204,843.66
DESCRIPTION:	Convert open channel canal to pipeline. Provided construction materials only.
ENGINEER:	APEX Surveying, Inc., Riverton, WY
CONTRACTOR:	Midvale Irrigation District
MATERIALS:	Big Horn Trucking and Equipment, Manderson, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2017

334. PROJECT: **Midvale Rehabilitation 2010**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$263,000
ACTUAL EXPENDITURES:	$207,530
DESCRIPTION:	Wyoming Lateral 44.1 pipeline
ENGINEER:	Natural Resources Conservation District, Casper, WY APEX Surveying, Riverton, WY
CONTRACTOR:	Midvale Irrigation District
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2010

335. PROJECT: **Midvale Rehabilitation 2011**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$450,000
ACTUAL EXPENDITURES:	$307,273
DESCRIPTION:	Pavillion Main East Project
ENGINEER:	APEX Surveying, Riverton, WY
CONTRACTOR:	Midvale Irrigation District
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2011

336. PROJECT: **Midvale Rehabilitation 2012**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$945,000
ACTUAL EXPENDITURES:	$462,934
DESCRIPTION:	Replace ditch with buried pipe on Wyoming Lateral 15.1
ENGINEER:	APEX Surveying, Riverton, WY
MATERIALS:	Big Horn Truck & Equipment, Manderson, WY
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2012

337. PROJECT: **Midvale Rehabilitation 2013**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$381,000
ACTUAL EXPENDITURES:	$304,083
DESCRIPTION:	Replace Wyoming Canal 37.2 Drop Structure
ENGINEER:	APEX Surveying, Riverton, WY
MATERIALS:	Ferguson Enterprises, Casper, WY
YEAR COMPLETED:	2016
SESSION LAW YEAR:	2013, 2015

338. PROJECT: **Midvale Sand Butte 2 Lateral**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$420,000
ACTUAL EXPENDITURES:	$420,000
DESCRIPTION:	Headgate rehabilitation and canal improvements
ENGINEER:	APEX Surveying, Inc., Riverton, WY
CONTRACTOR:	Ferguson Enterprises, Inc., Casper, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

339. PROJECT: **Midvale Sand Mesa Pipeline**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$3,000,000
ACTUAL EXPENDITURES:	$2,900,879
DESCRIPTION:	Gravity pressure irrigation delivery pipeline
ENGINEER:	Natural Resources Conservation Service R. D. Connell & Associates, Riverton, WY
CONTRACTOR:	Midvale Irrigation District
DATE COMPLETED:	1999
SESSION LAW DATE:	1995

340. PROJECT: **Midwest Rehabilitation**

SPONSOR:	Town of Midwest
LOCATION:	Natrona County
PROGRAM:	Rehabilitation
APPROPRIATION:	$100,000
ACTUAL EXPENDITURES:	$100,000
DESCRIPTION:	Pipeline
ENGINEER:	Geocivil Engineers, Inc., Casper, WY
CONTRACTOR:	La Max Construction, Basin, WY
YEAR COMPLETED:	1988
SESSION LAW YEAR:	1986

341. PROJECT: **Mile-Hi Water Supply Project**

SPONSOR:	Mile-Hi Improvement and Service District
LOCATION:	Natrona County
PROGRAM:	New Development
APPROPRIATION:	$1,015,360
ACTUAL EXPENDITURES:	$595,593
DESCRIPTION:	Design and construction of transmission pipelines within the district.
ENGINEER:	609 Consulting, LL, Casper, WY
CONTRACTOR:	Grizzly Excavating and Construction, LLC, Casper, WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2009

342. PROJECT: **Moorcroft Madison Well Water Supply**

SPONSOR:	Town of Moorcroft
LOCATION:	Crook County
PROGRAM:	New Development
APPROPRIATION:	$3,865,900
ACTUAL EXPENDITURES:	$2,826,323
DESCRIPTION:	Well pump, storage tank, booster pump station, generator, pipeline to town, SCADA.
ENGINEER:	Weston Engineering, Upton, WY
CONTRACTOR:	Western Municipal Construction, Sheridan, WY Excel Construction, Sheridan, WY Engineering America, Inc., Loveland, CO Electrofab, Inc., Gillette, WY
DATE COMPLETED:	2013
SESSION LAW DATE:	2003, 2008, 2011

343. PROJECT: **Moorcroft Water Supply**

SPONSOR:	Town of Moorcroft
LOCATION:	Crook County
PROGRAM:	New Development
APPROPRIATION:	$930,000
ACTUAL EXPENDITURES:	$853,767
DESCRIPTION:	Wells, pipeline, and storage tank
ENGINEER:	Weston Engineering, Upton, WY
CONTRACTOR:	Hot Iron, Inc., Gillette, WY Williams Drilling Co., Gillette, WY
DATE COMPLETED:	1997
SESSION LAW DATE:	1994

344. PROJECT: **Mountain View Acres Connection**

SPONSOR:	Mountain View Acres Water District
LOCATION:	Fremont County
PROGRAM:	New Development
APPROPRIATION:	$95,000
ACTUAL EXPENDITURES:	$30,833
DESCRIPTION:	Emergency Well Connection

ENGINEER: Sage, Cody, WY
CONTRACTOR: Jerry Bornhoft Construction. Inc., Riverton, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2013/2018

345. PROJECT: Muddy Guard
SPONSOR: North Fork Irrigation District
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $600,000
ACTUAL EXPENDITURES: $600,000
DESCRIPTION: Purchase of minimum pool in storage
ENGINEER: NA
CONTRACTOR: NA
SESSION LAW YEAR: 1982

346. PROJECT: Natrona County Regional Rehabilitation
SPONSOR: Central Wyoming Water System JPB
LOCATION: Natrona County
PROGRAM: Rehabilitation
APPROPRIATION: $5,357,000
ACTUAL EXPENDITURES: $5,357,000
DESCRIPTION: Wellfield, pipeline and storage tank rehabilitation
ENGINEER: CH2M Hill, Denver, CO
CONTRACTOR Lillard & Clark, Denver, CO
Completion Date June 2002
Session Law 1995-1998

347. PROJECT: Natrona County Regional Water Supply
SPONSOR: Central Wyoming Regional Water System JPB
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $26,750,000
ACTUAL EXPENDITURES: $25,421,545
DESCRIPTION: Transmission Pipelines, storage tanks, pumping stations, disinfection facilities and appurtenances
ENGINEER: CH2M Hill; Denver, CO
CONTRACTOR: Lillard & Clark; Denver, CO
Hedquist Construction, Inc., Casper, WY
JTL Group, Inc.; Casper, WY
High Plains Construction, Inc., Casper, WY
COMPLETION DATE: June 2002
SESSION LAW: 1995-1998

348. PROJECT: Natrona County Regional Water Treatment Project
SPONSOR: Natrona County Regional Water System JPB
LOCATION: Natrona County
PROGRAM: Public Purpose Investment
APPROPRIATION: $23,000,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES: $23,000,000

	DESCRIPTION:	Increase capacity of existing water treatment plant, improve facilities of second water treatment plant, and implement a well head protection program
	ENGINEER:	CH2M Hill; Denver, CO
	CONTRACTOR:	Lillard & Clark; Denver, CO Hedquist Construction, Inc., Casper, WY JTL Group, Inc.; Casper, WY High Plains Construction, Inc., Casper, WY
	COMPLETION DATE:	2000
	SESSION LAW:	1995
349.	**PROJECT:**	**Newcastle 2015**
	SPONSOR:	City of Newcastle
	LOCATION:	Weston County
	PROGRAM:	New Development
	APPROPRIATION:	$ 616,400
	ACTUAL EXPENDITURES:	$ 616,400
	DESCRIPTION:	Transmission pipeline; pumping equipment; pump house; and pressure control buildings.
	ENGINEER:	Camp Creek Engineering, Laramie, WY
	CONTRACTOR:	Hot Iron Inc., Gillette, WY
	YEAR COMPLETED:	2017
	SESSION LAW YEAR:	2015
350.	**PROJECT:**	**Newcastle Area Water Supply**
	SPONSOR:	City of Newcastle
	LOCATION:	Weston County
	PROGRAM:	New Development
	APPROPRIATION:	$2,200,000
	ACTUAL EXPENDITURES:	$1,472,099
	DESCRIPTION:	Four pressure reducing stations, booster pump station, and pipeline to storage tank.
	ENGINEER:	Wester-Wetstein & Associates, Inc., Laramie, WY City of Newcastle, Newcastle, WY
	CONTRACTOR:	Sundance Plumbing and Heating, Newcastle, WY DRM, Inc., Gillette, WY
	DATE COMPLETED:	2006
	SESSION LAW DATE:	2000, 2004
351.	**PROJECT:**	**Nine Mile Water Supply**
	SPONSOR:	Nine Mile Water and Sewer District
	LOCATION:	Albany County
	PROGRAM:	New Development
	APPROPRIATION:	$920,000
	ACTUAL EXPENDITURES	$526,699
	DESCRIPTION:	Water main system including taps to City of Laramie transmission lines, control house, a booster pump station, and transmission mains.
	ENGINEER:	WWC Engineering, Laramie, WY
	CONTRACTOR:	Strong Construction, Torrington, WY
	COMPLETION DATE:	2003
	SESSION LAW:	2000

352. PROJECT: **North Alpine**

SPONSOR:	North Alpine Improvement and Service District
LOCATION:	Lincoln County
PROGRAM:	Rehabilitation
APPROPRIATION:	$257,000
ACTUAL EXPENDITURES	$254,761
DESCRIPTION:	Water system including new wells, buried storage transmission lines, control house and pump station.
ENGINEER:	Sunrise Engineering, Afton, WY Rendezvous Engineering, Jackson, WY
CONTRACTOR:	VanDeburg Excavation, Thayne, WY Thomas Drilling, Afton, WY
COMPLETION DATE:	October 2005
SESSION LAW:	2003

353. PROJECT: **North Fork Crazy Woman Rehabilitation**

SPONSOR:	Crazy Woman Watershed Improvement District
LOCATION:	Johnson County
PROGRAM:	Rehabilitation
APPROPRIATION:	$650,000
ACTUAL EXPENDITURES:	$471,366
DESCRIPTION:	Canal improvements, pipeline
ENGINEER:	HKM Associates, Sheridan, WY
CONTRACTOR:	S&S Builders, Gillette, Wyoming Mollinax Concrete Service Company, Sheridan, WY
YEAR COMPLETED:	1995
SESSION LAW YEAR:	1992

354. PROJECT: **North Platte Gages**

SPONSOR:	State Engineer's Office
LOCATION:	Carbon, Converse, Goshen and Natrona Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$850,000
ACTUAL EXPENDITURES:	$790,000
DESCRIPTION:	Six (6) major stream gaging stations on the North Platte River and tributaries
ENGINEER:	States West Water Resource, Cheyenne, WY
CONTRACTOR:	Bartlett Construction, Hanna, WY High County Construction, Casper, WY Rieman Construction, Cheyenne, WY
YEAR COMPLETED:	1996
SESSION LAW YEAR:	1989

355. PROJECT: **North Uinta/Bear River Water Supply**

SPONSOR:	Town of Bear River
LOCATION:	Uinta County
PROGRAM:	New Development
APPROPRIATION:	$580,000
ACTUAL EXPENDITURES:	$580,000

DESCRIPTION: Buried concrete storage tank, pump house renovation, and transmission lines.
ENGINEER: Cook/Sanders Associates Evanston, WY
CONTRACTOR: JASCO Construction, South Weber, UT
Kilroy and Company, Alpine, WY
YEAR COMPLETED: 2006
SESSION LAW YEAR: 2003

356. PROJECT: Northwest Rural Northern Expansion
SPONSOR: Northwest Rural Water District
LOCATION: Park and Big Horn County
PROGRAM: New Development
APPROPRIATION: $3,690,025
ACTUAL EXPENDITURES: $2,642,976
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: Engineering Associates
CONTRACTOR: Western Municipal Construction of Wyoming, Inc.
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2012

357. PROJECT: Northwest Rural Water Storage
SPONSOR: Northwest Rural Water District
LOCATION: Park and Big Horn Counties
PROGRAM: New Development
APPROPRIATION: $1,120,000
ACTUAL EXPENDITURES: $1,111,506
DESCRIPTION: Add eight buried fiberglass tanks over five sites.
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: Hot Iron, Inc., Gillette, WY
DATE COMPLETED: 2005
SESSION LAW DATE: 2003

358. PROJECT: Northwest Rural Water Storage II
SPONSOR: Northwest Rural Water District
LOCATION: Park and Big Horn Counties
PROGRAM: New Development
APPROPRIATION: $2,960,000
ACTUAL EXPENDITURES: $2,817,207
DESCRIPTION: Garland area expansion, added storage at Sage Creek.
ENGINEER: Engineering Associates, Inc., Cody, WY
CONTRACTOR: LaMax Construction, Inc., Basin, WY
DATE COMPLETED: 2009
SESSION LAW DATE: 2006

359. PROJECT: Northwest Rural Water System Improvements 2018
SPONSOR: Northwest Rural Water District
LOCATION: Big Horn and Park County
PROGRAM: New Development
APPROPRIATION: $1,076,690
ACTUAL EXPENDITURES: $1,009,330
DESCRIPTION: Design and construction of new storage tanks, transmission pipelines

ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: Nicholson Dirt Contracting, Cody, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2018

360. PROJECT: Northwest Rural Water System Improvements 2019
SPONSOR: Northwest Rural Water District
LOCATION: Big Horn and Park County
PROGRAM: New Development
APPROPRIATION: $1,055,250
ACTUAL EXPENDITURES: $683,390
DESCRIPTION: Two sections of new transmission line
ENGINEER: Dowl, Sheridan, WY
CONTRACTOR: Nicholson Dirt Contracting**,** Cody, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2019

361. PROJECT: North Wright Transmission Line
SPONSOR: Wright Water & Sewer District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $434,000
ACTUAL EXPENDITURES: $428,743
DESCRIPTION: Transmission pipeline
ENGINEER: Stetson Engineering, Inc., Gillette, WY
CONTRACTOR: Wright Water & Sewer District
MATERIALS: Dana Kepner, Casper, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2005, 2007

362. PROJECT: Oakley Water Supply
SPONSOR: Oakley Service and Improvement District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $176,000
ACTUAL EXPENDITURES: $155,711
DESCRIPTION: Water transmission line
ENGINEER: Sunrise Engineering, Inc., Afton, WY
CONTRACTOR: Peavler's Mountain Star, Inc., Afton, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 2001

363. PROJECT: Opal Well Improvements 2017
SPONSOR: Town of Opal
LOCATION: Lincoln
PROGRAM: New Development
APPROPRIATION: $4,690
ACTUAL EXPENDITURES: $4,690
DESCRIPTION: Well head and well house piping improvements
ENGINEER: Crank Companies, Kemmerer, WY
CONTRACTOR: Chapin Construction, Opal, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2017

364. PROJECT: **Osage Water Supply**

SPONSOR:	Osage Water District
LOCATION:	Weston County
PROGRAM:	New Development
APPROPRIATION:	$1,205,000
ACTUAL EXPENDITURES:	$ 954,951
DESCRIPTION:	Pipeline, storage, disinfection, pump, controls
ENGINEER:	Weston Engineering, Inc., Upton, WY
CONTRACTOR:	DRM, Inc., Gillette, WY
YEAR COMPLETED:	2000
SESSION LAW DATE:	1997

365. PROJECT: **Owl Creek Water Supply**

SPONSOR:	Owl Creek Water District
LOCATION:	Hot Springs County
PROGRAM:	New Development
APPROPRIATION:	$3,182,500
ACTUAL EXPENDITURES:	$2,907,059
DESCRIPTION:	Transmission pipeline and storage tanks
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	High Country Construction, Inc.
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2010

366. PROJECT: **Park Reservoir Dam**

SPONSOR:	Park Reservoir Company
LOCATION:	Sheridan County
PROGRAM:	New Development
APPROPRIATION:	$3,750,000
ACTUAL EXPENDITURES:	$3,725,000
DESCRIPTION:	Dam
ENGINEER:	Woodward Clyde Consultants, Denver, CO
CONTRACTOR:	McIntyre Construction; Great Falls, MT
YEAR COMPLETED:	1982
SESSION LAW YEAR:	1981, 1982

367. PROJECT: **Pathfinder Modification Project**

SPONSOR:	State of Wyoming
LOCATION:	Natrona County
PROGRAM:	Dams and Reservoirs
APPROPRIATION:	$8,500,000
ACTUAL EXPENDITURES:	$5,997,076
DESCRIPTION:	Construction of a 3.39’ spillway raise at Pathfinder Dam
ENGINEER:	URS; Denver, CO
CONTRACTOR:	ASI Constructors; Pueblo, CO
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2006

368. PROJECT: **Pavillion East Water Supply**

SPONSOR:	State of Wyoming
LOCATION:	Fremont County
PROGRAM:	New Development
APPROPRIATION:	$1,050,000

ACTUAL EXPENDITURES: $ 929,268
DESCRIPTION: A total of 31 cistern systems were constructed in the defined project area, which is located east of the Town of Pavillion, from January 2014 to February 2015. Eighteen (18) cistern systems were installed under Phase I and thirteen (13) cistern systems were installed under Phase II. In addition, a water-loading station was constructed in the Town of Pavillion. In return for a cistern system, the rural residents signed an access agreement that allows Wyoming DEQ to collect samples from private wells as part of an on-going groundwater investigation in the Pavillion area. The average cost for each cistern system was approximately $25,000.
ENGINEER: James Gores and Associates, Inc., Riverton, WY (design-build contractor)
CONTRACTOR: Viper Construction, Riverton, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2012/14

369. PROJECT: Pavillion Water Supply
SPONSOR: Town of Pavillion
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $400,000
ACTUAL EXPENDITURES: $300,000
DESCRIPTION: Well, storage tank, and pipeline
ENGINEER: Rolly Connell & Associates; Riverton, WY
CONTRACTOR: Rieman Construction; Cheyenne, WY
Rawhide Mechanical; Riverton, WY
YEAR COMPLETED: 1996
SESSION LAW YEAR: 1994

370. PROJECT: Pavillion Water System Improvements
SPONSOR: Town of Pavillion
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $214,500
ACTUAL EXPENDITURES: $143,715
DESCRIPTION: Transmission
ENGINEER: Gores
CONTRACTOR: 71 Construction
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2015

371. PROJECT: Pine Bluffs Brule Formation Water Supply
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $212,044
DESCRIPTION: Pump, controls, building, pipe, for new well

ENGINEER: Lidstone & Associates, Inc., Fort Collins, CO
CONTRACTOR: Town & Country Plumbing, Inc., Burns, WY
DATE COMPLETED: 2005
SESSION LAW DATE: 2003

372. PROJECT: Pine Bluffs Deep Well 2009
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $583,570
ACTUAL EXPENDITURES: $319,344
DESCRIPTION: Drilling, testing and completion of a production well
ENGINEER: Lidstone & Associates, Ft. Collins, CO
CONTRACTOR: Sargent Irrigation, Broken Bow, NE
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009

373. PROJECT: Pine Bluffs Lance, Fox Hills Well
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $435,240
ACTUAL EXPENDITURES: $318,889
DESCRIPTION: Complete Level II well and upgrades to existing wells
ENGINEER: Dahlgren Consulting, Cheyenne, WY
CONTRACTOR: W.G. Dale Electric, Cheyenne, WY
Mechanical Systems Inc., Cheyenne, WY
Bowman Irrigation, Pine Bluffs, WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2006, 2008

374. PROJECT: Pine Bluffs North Well Field
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $2,300,000
ACTUAL EXPENDITURES: $ 1,483,832
DESCRIPTION: Design and construction of a new well, rehabilitated well and transmission pipelines.
ENGINEER: Lidstone and Associates, Fort Collins, CO
CONTRACTOR: Sargent Drilling, Broken Bow, NE and Town & Country Plumbing, Burns, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2014

375. PROJECT: Pine Bluffs Supply
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: New Development
APPROPRIATION: $1,245,000
ACTUAL EXPENDITURES: $1,185,639
DESCRIPTION: Transmission pipeline, well rehab, new irrigation well

ENGINEER: Lidstone & Associates, Inc., Fort Collins, CO
CONTRACTOR: Aztec Construction Co., Inc., Cheyenne, WY
Timberline Electric & Control Corp, Morrison, CO
Town & Country Plumbing, Inc., Burns, WY
DATE COMPLETED: 2004
SESSION LAW DATE: 2000

376. PROJECT: Pine Bluffs Well Rehabilitation
SPONSOR: Town of Pine Bluffs
LOCATION: Laramie County
PROGRAM: Rehabilitation
APPROPRIATION: $155,000
ACTUAL EXPENDITURES: $132,723
DESCRIPTION: Well rehabilitation
ENGINEER: Lidstone & Associates, Inc., Fort Collins, CO
CONTRACTOR: Sargent Irrigation Company, Scottsbluff, NE
DATE COMPLETED: 2000
SESSION LAW DATE: 1996

377. PROJECT: Pine Haven Madison Well
SPONSOR: Town of Pine Haven
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $115,000
ACTUAL EXPENDITURES: $ 81,528
DESCRIPTION: Pump, controls, pipe, for Well #2
ENGINEER: Wester-Wetstein & Associate, Laramie & Gillette, WY
CONTRACTOR: Weston Engineering, Inc., Upton, WY
SESSION LAW DATE: 2003

378. PROJECT: Pine Haven Pipeline Rehabilitation
SPONSOR: Town of Pine Haven
LOCATION: Crook County
PROGRAM: Rehabilitation
APPROPRIATION: $235,000
ACTUAL EXPENDITURES: $235,000
DESCRIPTION: Upgrade transmission pipelines re-plumb storage
ENGINEER: Stetson Engineering, Inc., Gillette, WY
CONTRACTOR: Hot Iron, Inc.; Gillette, WY
DATE COMPLETED: 2002
SESSION LAW DATE: 2001

379. PROJECT: Pine Haven Transmission 2006
SPONSOR: Town of Pine Haven
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $348,000
ACTUAL EXPENDITURES: $154,500
DESCRIPTION: North Loop Transmission Pipeline
ENGINEER: Stetson Engineering, Inc., Gillette, WY
CONTRACTOR: Site Work Specialists, Rapid City, SD
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2006

380. **PROJECT:** **Pine Haven Water Supply**
SPONSOR: Town of Pine Haven
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $165,000
ACTUAL EXPENDITURES: $ 97,162
DESCRIPTION: Pipeline, storage tank
ENGINEER: Bearlodge Engineering, Sundance, WY
CONTRACTOR: Sundance Construction, Newcastle, WY
YEAR COMPLETED: 1989
SESSION LAW YEAR: 1988

381. **PROJECT:** **Pine Haven Well and Tank**
SPONSOR: Town of Pine Haven
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $2,469,000
ACTUAL EXPENDITURES: $2,130,169
DESCRIPTION: New well, transmission line, and tank
ENGINEER: HDR Engineering, Gillette, WY
CONTRACTOR: DRM, Inc. Gillette, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2015

382. **PROJECT:** **Pinedale Intake Project**
SPONSOR: Town of Pinedale
LOCATION: Sublette County
PROGRAM: New Development
APPROPRIATION: $193,000
ACTUAL EXPENDITURES: $ 63,051
DESCRIPTION: Rock cover over existing lake intake
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Noble Construction, Pinedale, WY
SESSION LAWS: 2002
COMPLETION DATE: 2003

383. **PROJECT:** **Pinedale Pipeline**
SPONSOR: Town of Pinedale
LOCATION: Sublette County
PROGRAM: New Development
APPROPRIATION: $320,000
ACTUAL EXPENDITURES: $202,974
DESCRIPTION: Transmission pipeline
ENGINEER: Rio Verde, Pinedale, WY
CONTRACTOR: Snyder Construction, Lyman, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1991

384. **PROJECT:** **Pinedale Pipelines**
SPONSOR: Town of Pinedale
LOCATION: Sublette County
PROGRAM: New Development
APPROPRIATION: $11,470,000

ACTUAL EXPENDITURES: $ 5,150,420
DESCRIPTION: New development of two transmission lines
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Knife River Construction, Cheyenne, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009, 2010

385. PROJECT: Pinedale Transmission Line
SPONSOR: Town of Pinedale
LOCATION: Sublette County
PROGRAM: New Development
APPROPRIATION: $3,550,000
ACTUAL EXPENDITURES: $2,980,351
DESCRIPTION: Transmission pipeline
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Snyder Construction, Inc., Lyman, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1996

386. PROJECT: Pineview Tank and Booster Pump 2017
SPONSOR: Pineview Improvement and Service District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $563,500
ACTUAL EXPENDITURES: $516,934.01
DESCRIPTION: Water storage tank and booster pump station
ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: JR Civil, LLC, Sheridan, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2017

387. PROJECT: Pioneer Canal/Lake Hattie Loan
SPONSOR: Pioneer Canal-Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $93,000
ACTUAL EXPENDITURES: $87,000
DESCRIPTION: Refinanced existing loan
ENGINEER: NA
CONTRACTOR: NA
DATE COMPLETED: 1988
SESSION LAW DATE: 1988

388. PROJECT: Poison Spider Pipelines
SPONSOR: Poison Spider Improvement and Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,036,000
ACTUAL EXPENDITURES: $1,027,859
DESCRIPTION: Construction of a new delivery system

ENGINEER: 609 Consulting, LLC, Casper, WY
CONTRACTOR: Andreen Hunt Construction, Inc., Casper, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2011

389. PROJECT: Poison Spider Water Supply
SPONSOR: Poison Spider Improvement & Service Dist.
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $640,000
ACTUAL EXPENDITURES: $538,076
DESCRIPTION: Pipelines, metering, chlorination
ENGINEER: Civil Engineering Professionals, Casper, WY
CONTRACTOR: Hedquist Construction, Inc., Casper, WY
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1995

390. PROJECT: Porto Canal
SPONSOR: Porto Canal Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $808,000
ACTUAL EXPENDITURES: $681,040
DESCRIPTION: Converting open ditch to pipeline
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: H-K Construction, Idaho Falls, ID
YEAR COMPLETED: 1997
SESSION LAW YEAR: 1996

391. PROJECT: Powell Master Plan/Powell Water Supply Rehabilitation
SPONSOR: City of Powell
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,163,000
ACTUAL EXPENDITURES: $1,163,000
DESCRIPTION: Construction of elevated water storage tank, repainting of the existing elevated water storage tank, installation of pressure control facilities and rerouting of some transmission pipelines.
NGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Maguire Iron, Inc., Sioux Falls, SD
Engineered Fluids, Inc., Centralia, IL
Western Municipal Construction, Gillette, WY
YEAR COMPLETED: 2006
SESSION LAW YEAR: 2001, 2002, 2003 & 2004

392. PROJECT: Powell Transmission Pipeline Project
SPONSOR: City of Powell
LOCATION: Park County
PROGRAM: New Construction
APPROPRIATION: $1,689,070
ACTUAL EXPENDITURES: $ 454,815

	DESCRIPTION:	Construction of a transmission pipeline along the eastside of the city to provide additional pressures, flow of water and looping of the system.
	ENGINEER:	Sage Civil Engineering, Cody, WY
	CONTRACTOR:	Grace Inc., DBA Capstone Construction, Powell, WY
	YEAR COMPLETED:	2010
	SESSION LAW YEAR:	2007
393.	**PROJECT:**	**Rafter J Rehabilitation**
	SPONSOR:	Rafter J Improvement and Service District
	LOCATION:	Teton County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,152,000
	ACTUAL EXPENDITURES:	$1,152,000
	DESCRIPTION:	New well and replacement well, storage tank
	ENGINEER:	Rendezvous Engineering, Jackson, WY
	CONTRACTOR:	Thomas Drilling; Afton, WY Westwood Curtis Construction, Jackson, WY Associated Brigham Contractors, Brigham City, UT Hansen Excavation, LLC, Jackson, WY Weber Drilling, LLC, Jackson, WY
	YEAR COMPLETED:	2012
	SESSION LAW YEAR:	2003, 2005, 2006, 2007
394.	**PROJECT:**	**Ranchester Storage Tank**
	SPONSOR:	Town of Ranchester
	LOCATION:	Sheridan
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$454,000
	ACTUAL EXPENDITURES:	$373,582
	DESCRIPTION:	New storage tank
	ENGINEER:	EnTech Engineering, Inc., Sheridan, WY
	CONTRACTOR:	EAI West, Inc., Loveland, CO
	YEAR COMPLETED:	2008
	SESSION LAW YEAR:	2005, 2006
395.	**PROJECT:**	**Rawlins Atlantic Rim Pipeline**
	SPONSOR:	City of Rawlins
	LOCATION:	Carbon County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$3,900,000
	ACTUAL EXPENDITURES:	$2,621,202
	DESCRIPTION:	Transmission/Supply pipeline
	ENGINEER:	Wester-Wetstein & Associates Inc., Laramie, WY
	CONTRACTOR:	Paul Reed Construction & Supply, Nebraska
	YEAR COMPLETED:	2011
	SESSION LAW YEAR:	2009, 2010
396.	**PROJECT:**	**Rawlins Groundwater Supply**
	SPONSOR:	City of Rawlins
	LOCATION:	Carbon County
	PROGRAM:	New Development
	APPROPRIATION:	$8,200,000

ACTUAL EXPENDITURES: $7,505,939
DESCRIPTION: Wells, pipeline
ENGINEER: J.M. Montgomery, Laramie, WY
CONTRACTOR: Several
YEAR COMPLETED: 1989
SESSION LAW YEAR: 1986, 1989

397. PROJECT: Rawlins Pipeline & Atlantic Rim Reservoir
SPONSOR: City of Rawlins
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: Reservoir $6,930,000
ACTUAL EXPENDITURES: Reservoir $5,972,112.36
DESCRIPTION: Rehabilitation of the existing Atlantic Rim Reservoir
ENGINEER: Wester-Wetstein & Associates, Inc., Laramie, WY, Subconsultants: RJH Consultants, Inc., Englewood, CO
CONTRACTOR: Paul Reed Construction & Supply, Gering, Nebraska
YEAR COMPLETED: 2013
SESSION LAW YEAR: Reservoir 2009 and 2010/2010 and 2011

398. PROJECT: Rawlins Springs Rehabilitation
SPONSOR: City of Rawlins
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $220,000
ACTUAL EXPENDITURES: $ 55,722
DESCRIPTION: Springs enhancement
ENGINEER: J.M. Montgomery, Laramie, WY
CONTRACTOR: City of Rawlins
YEAR COMPLETED: 1985
SESSION LAW YEAR: 1984

399. PROJECT: Rawlins Treated Water Tank Rehabilitation
SPONSOR: City of Rawlins
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $1,727,930
ACTUAL EXPENDITURES: $1,154,298
DESCRIPTION: Rehabilitation of Painted Hills and Hospital Tanks
ENGINEER: PMPC Civil Engineers, Saratoga, WY
CONTRACTOR: Purcell P & C, LLC, Richland WA
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2007

400. PROJECT: Rawlins Water Supply
SPONSOR: City of Rawlins
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $3,810,000
ACTUAL EXPENDITURES: $3,547,318
DESCRIPTION: Construct North Platte River raw water intake, pump station and transmission line; rehabilitation of existing Thayer pump station

		and construction of a treated water transmission line to Sinclair storage tank
	ENGINEER:	Western Water Consultants, Laramie, WY
	CONTRACTOR:	Western Municipal Construction, Billings MT Three Sons Construction, Hanna, WY
	YEAR COMPLETED:	2003
	SESSION LAW YEAR:	1998 and 2002
401.	**PROJECT:**	**Reliance Water Supply**
	SPONSOR:	Green River / Rock Springs / Sweetwater County Joint Powers Board
	LOCATION:	Sweetwater County
	PROGRAM:	New Development
	APPROPRIATION:	$1,742,000
	ACTUAL EXPENDITURES:	$1,694,513
	DESCRIPTION:	New development including tank, transmission line and booster station
	ENGINEER:	Nelson Engineering, Jackson, WY
	CONTRACTOR:	Debernardi Construction, Rock Springs, WY
	YEAR COMPLETED:	2013
	SESSION LAW YEAR:	2011
402.	**PROJECT:**	**Riverside**
	SPONSOR:	Sierra Madre Water & Sewer Joint Powers Board
	LOCATION:	Carbon County
	PROGRAM:	New Development
	APPROPRIATION:	$1,225,000
	ACTUAL EXPENDITURES:	$ 834,574
	DESCRIPTION:	Municipal water supply
	ENGINEER:	PMPC; Saratoga, Wyoming
	CONTRACTOR:	Bartlett Construction, Hanna, WY
	YEAR COMPLETED:	1996
	SESSION LAW YEAR:	1992
403.	**PROJECT:**	**Riverton Raw Water Supply Rehabilitation Project**
	SPONSOR:	City of Riverton
	LOCATION:	Fremont County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,086,500
	ACTUAL EXPENDITURES:	$ 64,293 (City refunded this amount.)
	DESCRIPTION:	Rehabilitating a raw water conveyance system which serves the City of Riverton.
	ENGINEER:	Apex Surveying, Inc., Riverton, WY
	CONTRACTOR:	None
	YEAR COMPLETED:	Project was terminated
	SESSION LAW YEAR:	2001 and 2004
404.	**PROJECT:**	**Riverton Valley**
	SPONSOR:	City of Riverton/Riverton Valley Irrigation District
	LOCATION:	Fremont County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$5,750,000

ACTUAL EXPENDITURES: $5,743,436
DESCRIPTION: Canal, pipeline
ENGINEER: R.D. Connell and Associates, Riverton, WY
CONTRACTOR: Larry's Inc., Gillette, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1984

405. PROJECT: Riverton Valley Laterals
SPONSOR: City of Riverton/Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $350,000
ACTUAL EXPENDITURES: $348,544
DESCRIPTION: Canal, pipeline
ENGINEER: R.D. Connell and Associates, Riverton, WY
CONTRACTOR: City of Riverton/Riverton Valley Irrigation District; Riverton, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1994

406. PROJECT: Riverton Valley Pipeline Relocation
LEVEL: III
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $670,000
ACTUAL EXPENDITURES: $583,594
DESCRIPTION: Relocate pipeline in highway right-of-way
ENGINEER: Apex, Riverton WY
CONTRACTOR: Paul Reed, Torrington WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2009

407. PROJECT: Riverton Valley Rehabilitation 2009
LEVEL: III
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $79,000
ACTUAL EXPENDITURES: $52,000
DESCRIPTION: Various work on laterals
ENGINEER: APEX Surveying, Riverton, WY
MATERIALS: Killebrew Irrigation, Inc., Lander, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2009

408. PROJECT: Riverton Valley Rehabilitation 2013
LEVEL: III
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $137,000
ACTUAL EXPENDITURES: $ 75,747

DESCRIPTION: Lateral rehabilitation.
ENGINEER: Apex, Riverton, WY
CONTRACTOR: Riverton Valley Irrigation District, Riverton, WY
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2013

409. PROJECT: Riverton Valley Rehabilitation 2014
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $136,680
ACTUAL EXPENDITURES: $95,782
DESCRIPTION: Pipe Lining
ENGINEER: Apex, Denver, CO
CONTRACTOR: Riverton Valley Irrigation District
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2014

410. PROJECT: Riverton Valley Rehabilitation No. 2-I
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $335,000
ACTUAL EXPENDITURES: $334,987
DESCRIPTION: Rehabilitate various laterals on the system.
ENGINEER: Apex Engineering, Riverton, WY
CONTRACTOR: Riverton Valley Irrigation District, Riverton, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2002

411. PROJECT: Riverton Valley Rehabilitation #2, Phase II/Riverton Valley Underflow Project
SPONSOR: Riverton Valley Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation
APPROPRIATION: $140,000
ACTUAL EXPENDITURES: $105,024
DESCRIPTION: Rehabilitation of four underflow structures
ENGINEER: Apex Surveying, Inc., Riverton, WY
CONTRACTOR: Doug Evans Excavation, Riverton, WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2003

412. PROJECT: Riverton Water Supply
SPONSOR: City of Riverton
LOCATION: Fremont County
PROGRAM: New Construction
APPROPRIATION: $312,000
ACTUAL EXPENDITURES: $283,106
DESCRIPTION: Well and Transmission Pipeline

ENGINEER:	Wester-Wetstein & Assoc., Inc., Laramie, WY
CONTRACTOR:	Patrick Construction, Lander, WY
YEAR COMPLETED:	2000
SESSION LAW YEAR:	1996, 1999

413. PROJECT: Riverton Water Supply

SPONSOR:	City of Riverton
LOCATION:	Fremont County
PROGRAM:	New Development
APPROPRIATION:	$10,593,000
ACTUAL EXPENDITURES:	$10,036,393
DESCRIPTION:	New water tank, and connection of a new well to the system
ENGINEER:	Burns and McDonnell, Denver, CO
CONTRACTOR:	High Country Construction**,** Riverton, WY
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2009

414. PROJECT: Rock River Transmission Line Replacement

SPONSOR:	Town of Rock River
LOCATION:	Albany County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,159,100
ACTUAL EXPENDITURES:	$1,073,871
DESCRIPTION:	Intake Structure and 2.7 miles of transmission line
ENGINEER:	Sunrise Engineering, Cheyenne, WY
CONTRACTOR:	Harris Trucking & Construction Company, Cody, WY Dale Weaver Wyoming LLC., Powell, WY
SESSION LAW YEAR:	2014

415. PROJECT: Rock River Transmission Pipeline

SPONSOR:	Town of Rock River
LOCATION:	Albany County
PROGRAM:	Rehabilitation
APPROPRIATION:	$670,000
ACTUAL EXPENDITURES:	$495,246
DESCRIPTION:	Intake Structure and Raw Water Transmission Line
ENGINEER:	Banner Associates, Laramie, WY
CONTRACTOR:	Bartlett, Inc.; Hanna, WY Moltz Constructors, Inc., Cody, WY
YEAR COMPLETED:	2001
SESSION LAW YEAR:	1998

416. PROJECT: Rock Springs/Green River Area Supply

SPONSOR:	GR-RS-SC JPWB
LOCATION:	Sweetwater County
PROGRAM:	New Development
APPROPRIATION:	$27,000,000
ACTUAL EXPENDITURES:	$27,000,000
DESCRIPTION:	Transmission Line, Storage, Pumping, Controls
ENGINEER:	Forsgren Engineering, Evanston, WY Crank Companies, Kemmerer, WY

	CONTRACTOR:	DeBernardi Construction, Rock Springs, WY Snyder Construction, Lyman, WY H-K Construction, Idaho Falls, ID High Pains Construction, Casper, WY Resource Engineering, Rock Springs, WY C M E, Green River, WY
	ENGINEER:	Forsgren Engineering, Evanston, WY Crank Companies, Kemmerer, WY
	CONTRACTOR:	DeBernardi Construction, Rock Springs, WY Snyder Construction, Lyman, WY H-K Construction, Idaho Falls, ID High Pains Construction, Casper, WY Resource Engineering, Rock Springs, WY C M E, Green River, WY
	YEAR COMPLETED:	2000
	SESSION LAW YEAR:	1990, 1994
417.	**PROJECT:**	**Rolling Hills Water Supply**
	SPONSOR:	Town of Rolling Hills
	LOCATION:	Converse
	PROGRAM:	New Development
	APPROPRIATION:	$282,000
	ACTUAL EXPENDITURES:	$221,878
	DESCRIPTION:	New Tank and Transmission Lines
	ENGINEER:	R. C. H and Associates; Glenrock, WY
	CONTRACTOR:	CVIC, Casper, WY Phipps, Glenrock, WY D.C. Drilling, Lusk, WY Bartlett, Hanna, WY
	DATE COMPLETED:	2001
	SESSION LAW YEAR:	2000
418.	**PROJECT:**	**Rolling Hills Water Supply**
	SPONSOR:	Town of Rolling Hills
	LOCATION:	Converse
	PROGRAM:	New Development
	APPROPRIATION:	$1,344,000
	ACTUAL EXPENDITURES:	$1,156,590
	DESCRIPTION:	Design and construction of storage tank and water delivery system improvements
	ENGINEER:	Civil Engineering Professionals Inc.
	CONTRACTOR:	High Plains Contracting
	YEAR COMPLETED:	2017
	SESSION LAW YEAR:	2012/2014
419.	**PROJECT:**	**Rolling Hills Well**
	SPONSOR:	Town of Rolling Hills
	LOCATION:	Converse County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$225,000
	ACTUAL EXPENDITURES:	$205,723
	DESCRIPTION:	New Well
	ENGINEER:	Wester-Wetstein and Associates, Laramie, WY

CONTRACTOR: Ruby Drilling, Gillette, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 2000

420. PROJECT: Rolling Hills Well No. 7 Connection 2019
SPONSOR: Town of Rolling Hills
LOCATION: Converse County
PROGRAM: New Development
APPROPRIATION: $273,360.00
ACTUAL EXPENDITURES: $411,830.64
DESCRIPTION: The Rolling Hills Well No. 7 Connection Project is designed to purchase and connect the test a Level II well to the Town's water system.
ENGINEER: Weston Engineering, Inc.; Laramie, WY
CONTRACTOR: Andreen Hunt; Mills, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2019

421. PROJECT: Sahara Rehabilitation
SPONSOR: Powder River Irrigation District
LOCATION: Johnson County
PROGRAM: Rehabilitation
APPROPRIATION: $900,000
ACTUAL EXPENDITURES: $900,000
DESCRIPTION: Diversion structure, canal improvements
ENGINEER: Western Water Consultants, Sheridan, WY
CONTRACTOR: Foster Construction, Riverton, WY
YEAR COMPLETED: 1995
SESSION LAW YEAR: 1992, 1993

422. PROJECT: Salt Creek Water Supply
SPONSOR: Salt Creek Water & Sewer District
LOCATION: Weston County
PROGRAM: New Development
APPROPRIATION: $690,000
ACTUAL EXPENDITURES: $690,000
DESCRIPTION: Upgrade transmission pipeline, put new well on line
ENGINEER: Wester-Wetstein & Associates, Inc., Laramie, WY
CONTRACTOR: Hawley, Inc., Torrington, WY
DATE COMPLETED: 2003
SESSION LAW YEAR: 2000

423. PROJECT: Saratoga Storage Standpipe Rehabilitation
SPONSOR: Town of Saratoga and Carbon County Impact JPB
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $200,000
ACTUAL EXPENDITURES: $172,569
DESCRIPTION: Rehabilitation of a 1 million gallon welded steel storage standpipe that was constructed in 1978. The major rehabilitation items for included stair and railing modifications, relocation of the overflow piping, sandblasting and painting the interior,

cleaning and painting the exterior, and installing a cathodic protection system.
ENGINEER: PMPC Civil Engineers, Saratoga, WY
CONTRACTOR: Coating Systems, Inc.
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2004

424. PROJECT: Saratoga Well Field
SPONSOR: Town of Saratoga and Carbon County Impact JPB
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $4,656,500
ACTUAL EXPENDITURES: $3,079,680
DESCRIPTION: Developed a well field for the Town
ENGINEER: PMPC Civil Engineers, Saratoga, WY
CONTRACTOR: Arapahoe Utilities & Infrastructure, Englewood, CO
YEAR COMPLETED: 2010

425. PROJECT: Savery Creek Diversions Phase II
SPONSOR: Savery-Little Snake River Water Conservancy District
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $1,900,000
ACTUAL EXPENDITURES: $1,040,418
DESCRIPTION: Replace two diversion structures and construct two new diversion structures
ENGINEER: Natural Resources Conservation Service, Baggs, WY
CONTRACTOR: Elk River Construction, Pagosa Springs, CO
Stocks Services, Savery, WY
C&B Sand and Gravel, Inc., Baggs, WY
H.B. Lee Construction Co., Inc., Baggs, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2013, 2018

426. PROJECT: Savery-Little Snake-Battle Creek Diversions
SPONSOR: Savery-Little Snake River Water Conservancy District
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $871,000
ACTUAL EXPENDITURES: $842,493
DESCRIPTION: Design and construction of water diversion structures
ENGINEER: NRCS, Baggs, WY
CONTRACTOR: HB Lee Construction, Baggs, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

427. PROJECT: Savery-Little Snake River Water Conservancy District Savery Creek Diversion 2020
SPONSOR: Savery-Little Snake River Water Conservancy District
LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $301,500
ACTUAL EXPENDITURES: $214,683.41

DESCRIPTION:	Replaced an older existing diversion structure and headgate
ENGINEER:	Savery-Little Snake River Water Conservancy District, Baggs, WY
CONTRACTOR:	H.B. Lee Construction, Inc., Baggs, WY
YEAR COMPLETED:	2021
SESSION LAW YEAR:	2020

428. PROJECT: Shell Canal

SPONSOR:	Shell Valley Watershed Improvement District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$190,000
ACTUAL EXPENDITURES:	$190,000
DESCRIPTION:	Sheldon Gulch Siphon, Canal repairs
ENGINEER:	Soil Conservation Service, Worland, WY
CONTRACTOR:	Big Horn Ready Mix, Inc., Greybull, WY
YEAR COMPLETED:	1989
SESSION LAW DATE:	1983

429. PROJECT: Shell Canal Tunnel Rehabilitation

SPONSOR:	Shell Valley Watershed Improvement District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,220,000
ACTUAL EXPENDITURES:	$611,661
DESCRIPTION:	Removal of 562 foot long irrigation canal tunnel
ENGINEER:	States West Water Resources; Sheridan, WY
CONTRACTOR:	GK Construction Inc., Lovell, WY
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2012

430. PROJECT: Shell Valley/Greybull Water Supply

SPONSOR:	Town of Greybull
LOCATION:	Big Horn County
PROGRAM:	New Development
APPROPRIATION:	$666,400
ACTUAL EXPENDITURES:	$521,291
DESCRIPTION:	Wells, pipeline
ENGINEER:	Crank Company, Kemmerer, WY
CONTRACTOR:	Continental Construction, Jackson, WY
YEAR COMPLETED:	1989

431. PROJECT: Sheridan 4 MG WTP Tank

SPONSOR:	City of Sheridan
LOCATION:	Sheridan
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,144,000
ACTUAL EXPENDITURES:	$1,752,393
DESCRIPTION:	Replace water treatment plant tank concrete roof
ENGINEER:	DOWL, Sheridan, WY
CONTRACTOR:	Lillard & Clark, Denver, CO
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2015

432. PROJECT: **Sheridan Area Water Supply**

LEVEL:	III
PROGRAM:	New Development
SPONSOR:	Sheridan Area Water Supply Joint Powers Board
LOCATION:	Sheridan County
PROGRAM:	New Development, Public Purpose Investment
APPROPRIATION:	$37,206,000 $ 6,750,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES:	$37,206,000 $ 6,750,000 (permanent mineral trust fund loan)
DESCRIPTION:	Enlargement of Twin Lakes Reservoir, Water transmission facilities, Water treatment plant in Big Goose Valley, Raw water transmission pipeline,
ENGINEER:	Several
CONTRACTOR:	Several (21 separate contracts)
YEAR COMPLETED:	2000
SESSION LAW YEAR;	1989, 1990, 1993, 1996

433. PROJECT: **Sheridan/Big Goose Slip Lining**

SPONSOR:	City of Sheridan
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$427,020
ACTUAL EXPENDITURES:	$354,852
DESCRIPTION:	Cement mortar lining of transmission pipelines
ENGINEER:	DOWL HKM, Sheridan, WY
CONTRACTOR:	Spiniello Companies, Pomona, CA
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2007

434. PROJECT: **Sheridan Big Goose Water Supply**

SPONSOR:	City of Sheridan
LOCATION:	Sheridan County
PROGRAM:	New Development
APPROPRIATION:	$2,291,000
ACTUAL EXPENDITURES:	$2,184,261
DESCRIPTION:	Update and improve the Sheridan Big Goose Water Supply Intake
ENGINEER:	HKM, Sheridan, WY
CONTRACTOR	Larry's, Gillette, WY
YEAR COMPLETED:	2004
SESSION LAW YEARS:	2000, 2002, and 2003

435. PROJECT: **Sheridan Intake Structure**

SPONSOR:	City of Sheridan
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$200,000
ACTUAL EXPENDITURES:	$200,000
DESCRIPTION:	Diversion dam

ENGINEER: TSP, Sheridan, WY
CONTRACTOR: Husman Construction, Sheridan, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1985

436. PROJECT: Sheridan Leopard Street Pipeline 2018
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: New Development
APPROPRIATION: $2,211,000.00
ACTUAL EXPENDITURES: $2,051,563.90
DESCRIPTION: Design and construction of new transmission pipelines
ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

437. PROJECT: Sheridan North Loop Transmission Line
SPONSOR: City of Sheridan
LOCATION: Johnson County
PROGRAM: New Development
APPROPRIATION: $1,714,460
ACTUAL EXPENDITURES: $1,714,460
DESCRIPTION: 2.8 miles of 16" PVC transmission main pipeline
ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: Wilson Brothers
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2013, 2014

438. PROJECT: Sheridan NW/Big Goose Tanks
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: New Development
APPROPRIATION: $5,260,840
ACTUAL EXPENDITURES: $5,189,447
DESCRIPTION: Two concrete storage tanks, transmission line and necessary system connections
ENGINEER: DOWL HKM, Sheridan, WY, HDR, Billings, MT
CONTRACTOR: Fletcher Construction, Sheridan, WY, COP Construction, Sheridan, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2007

439. PROJECT: Sheridan North Side Transmission Pipeline 2018
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: New Development
APPROPRIATION: $1,735,300.00
ACTUAL EXPENDITURES: $1,705,217.62
DESCRIPTION: Design and construction of new transmission pipelines

ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2018

440. PROJECT: Sheridan Pipeline Rehabilitation
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: Rehabilitation
APPROPRIATION: $6,044,000
ACTUAL EXPENDITURES: $5,880,982
DESCRIPTION: Transmission line replacement
ENGINEER: HKM Engineering, Sheridan, WY
CONTRACTOR: Excel Construction, Inc., Sheridan, WY
YEAR COMPLETED: 2008
SESSION LAW YEAR: 2003, 2005, 2006

441. PROJECT: Sheridan Raw Water Supply
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: New Development
APPROPRIATION: $796,000
ACTUAL EXPENDITURES: $796,000
ENGINEER: MSE-HKM, Sheridan, WY
CONTRACTOR: Larry's Inc., Gillette, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1999, 2000

442. PROJECT: Sheridan Raw Water Supply Rehabilitation Project
SPONSOR: City of Sheridan
LOCATION: Sheridan County
PROGRAM: Rehabilitation
APPROPRIATION: $50,000
ACTUAL EXPENDITURES: $42,290
DESCRIPTION: Raw water transmission to Kendrick Golf Course, engineering design of pump station.
ENGINEER: HKM Engineering, Sheridan, WY
CONTRACTOR: NA, design only
YEAR COMPLETED 2003
SESSION LAW YEAR 2001

443. PROJECT: Shoshone Drop Structures
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $570,000
ACTUAL EXPENDITURES: $549,777
DESCRIPTION: Five Garland Canal Drop Structures, Lateral 36F, Ralston reservoir Check Structure

ENGINEER: Sage Civil Engineering, Cody, WY
MATERIALS: J&E Irrigation, Inc., Basin, WY
White Cap Construction Supply, Ft. Collins, CO
Teton Steel, Inc., Casper, WY
Eden Farms, Powell, WY
Big Horn Redi-Mix, Inc., Thermopolis, WY
DATE COMPLETED: 2006
SESSION LAW DATE: 2002

444. PROJECT: Shoshone Eagle Nest Creek
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,145,700
ACTUAL EXPENDITURES: $1,110,599
DESCRIPTION: Replace Eagle Nest Creek crossing structure, Pipe laterals 4C, 2W, 24F, D, 6S, 9S, 16T, 20B, and R.
ENGINEER: Sage Civil Engineering; Cody, WY
MATERIALS: Cretex Concrete Products, West, Minneapolis, MN
J&E Irrigation, Inc., Basin, WY
Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED: 2010
SESSION LAW YEAR: 2006

445. PROJECT: Shoshone Irrigation District Rehabilitation 2013
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $827,245*
ACTUAL EXPENDITURES: $827,245
DESCRIPTION: Pipe Laterals 7V 9-16, 12T, 16T 6-14, 16T 16-19, Replace Garland Canal Drop 22, 27
ENGINEER: Sage Civil Engineering, Cody, WY
CONTRACTOR: Shoshone Irrigation District
MATERIALS: Waterworks Irrigation, Inc., Ralston, WY
Waterworks Industries, Inc., Casper, WY
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2013
*Includes $32,245 Sponsor's Inflation Fund, Account II, 2014

446. PROJECT: Shoshone Irrigation District Rehabilitation 2015
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $290,000
ACTUAL EXPENDITURES: $290,000
DESCRIPTION: Replace two drop structures and three segments of open canal with pipe
ENGINEER: Sage Civil Engineering, Cody, WY
CONTRACTOR: Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2015

447. PROJECT: **Shoshone Irrigation District Rehabilitation 2017**

SPONSOR:	Shoshone Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$234,000.00
ACTUAL EXPENDITURES:	$224,852.90
DESCRIPTION:	Design and replacement of open channel canals with pipeline. Provided construction materials only.
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Shoshone Irrigation District
MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2017

448. PROJECT: **Shoshone Municipal Pipeline**

SPONSOR:	Shoshone Municipal Water Supply Joint Powers Board
LOCATION:	Park and Big Horn Counties
PROGRAM:	New Development
APPROPRIATION:	$38,750,000
ACTUAL EXPENDITURES:	$38,451,942
DESCRIPTION:	Pipeline, storage tanks, controls
ENGINEER:	Banner Associates, Laramie, WY
CONTRACTOR:	Barcon, Sheridan, WY ASI Moltz; Cody, WY
YEAR COMPLETED:	1992
SESSION LAW YEAR:	1987, 1990

449. PROJECT: **Shoshone Municipal Pipeline - 2009**

SPONSOR:	Shoshone Municipal Water JPB
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,428,800
ACTUAL EXPENDITURES:	$1,705,303
DESCRIPTION:	Pipeline relocation due to highway construction
ENGINEER:	DOWL HKM, Laramie, WY
CONTRACTOR:	Garney Wyoming, Inc., Chugwater, WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2009

450. PROJECT: **Shoshone Municipal Water Treatment**

SPONSOR:	Shoshone Municipal Water Supply Joint Powers Board
LOCATION:	Park and Big Horn Counties
PROGRAM:	Public Purpose Investment
APPROPRIATION:	$16,500,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES:	$15,775,959
DESCRIPTION:	Water treatment plant
ENGINEER:	Banner Associates, Laramie, WY
CONTRACTOR:	TIC, Casper, WY ASI Moltz, Cody, WY
YEAR COMPLETED:	1992
SESSION LAW YEAR:	1987, 1990

451. PROJECT: **Shoshone Rehabilitation**

SPONSOR:	Shoshone Irrigation Project Joint Powers Board
LOCATION:	Park/Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$7,500,000
ACTUAL EXPENDITURES:	$7,448,171
DESCRIPTION:	Pipelines, canal structures, tunnel grouting, siphon coating, headgate repair
ENGINEER:	Graham, Dietz & Associates, Powell, WY Engineering Associates, Cody, WY Inberg-Miller Engineers, Powell, WY ESA, Bozeman, MT Engineering Science, Inc., Salt Lake City, UT Water Resources Engineers., Powell, WY
CONTRACTOR:	LaMax Construction., Basin, WY Miller Fabrication., Lovell, WY Elkhorn Construction; Powell, WY Moltz Construction., Cody, WY Excel Construction., Sheridan, WY
MATERIALS:	Elk River Concrete., Helena, MT A-C Supply., Basin, WY Boomers Irrigation., Powell, WY J&E, Inc.; Greybull, WY TNT Irrigation, Inc.; Powell, WY
DATE COMPLETED:	2001
SESSION LAW DATE:	1992

452. PROJECT: **Shoshone Rehabilitation 2009**

SPONSOR:	Shoshone Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$339,000
ACTUAL EXPENDITURES:	$256,221
DESCRIPTION:	Lateral 11U, Drop #22, Buck Creek Undershot
ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Shoshone Irrigation District
MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY Northwest Pipe Fittings, Billings, MT
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2009

453. PROJECT: **Shoshone Rehabilitation 2011**

SPONSOR:	Shoshone Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$585,000
ACTUAL EXPENDITURES:	$585,000
DESCRIPTION:	Laterals 6W, 20D, 10A, Drops #17, #31.
ENGINEER:	Sage Civil Engineering, Cody, Wyoming
CONTRACTOR:	Shoshone Irrigation District
MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2011

454. PROJECT: **Shoshone Transmission Pipeline 2016**

SPONSOR:	Shoshone Municipal Water Joint Powers Board
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$2,227,500.00
ACTUAL EXPENDITURES:	$611,777.63
DESCRIPTION:	Design and construction of new transmission pipelines
ENGINEER:	DOWL, Sheridan, WY Morrison-Maierle, Cody, WY
CONTRACTOR:	Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2016

455. PROJECT: **Shoshone Well and Transmission**

SPONSOR:	Eastern Shoshone Tribe
LOCATION:	Fremont County, Wind River Indian Reservation
PROGRAM:	New Development
APPROPRIATION:	$824,000
ACTUAL EXPENDITURES:	$624,473
DESCRIPTION:	Well and Transmission Line
ENGINEER:	Lidstone & Associates, Inc., Fort Collins, CO
CONTRACTOR:	Patrick Construction Inc., Lander WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2007

456. PROJECT: **Shoshoni Water Supply**

SPONSOR:	Town of Shoshoni
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$740,000
ACTUAL EXPENDITURES:	$660,066
DESCRIPTION:	Well replacement, water storage improvements
ENGINEER:	Civil Engineering Professionals, Inc., Casper, WY
CONTRACTOR:	71 Construction, Inc., Casper, WY
YEAR COMPLETED:	1995
SESSION LAW YEAR:	1991

457. PROJECT: **Sidon Bitter Creek Crossing Rehabilitation**

SPONSOR:	Sidon Irrigation District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$217,000
ACTUAL EXPENDITURES:	$217,000
DESCRIPTION:	Replace concrete structure passing Bitter Creek over Sidon Canal
ENGINEER:	Engineering Associates, Inc., Cody, WY
CONTRACTOR:	Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED:	2004
SESSION LAW YEAR:	2002

458. PROJECT: **Sidon Canal Rehabilitation**

SPONSOR:	Sidon Irrigation District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,060,000
ACTUAL EXPENDITURES:	$ 730,260
DESCRIPTION:	Diversion Headgate, Inverted Siphons
ENGINEER:	Inberg-Miller Engineers, Riverton, WY
CONTRACTOR:	Excel Construction, Inc., Sheridan, WY
DATE COMPLETED:	1998
SESSION LAW DATE:	1995

459. PROJECT: **Sidon Irrigation District Rehabilitation 2014**

SPONSOR:	Sidon Irrigation District
LOCATION:	Park and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$109,000
ACTUAL EXPENDITURES:	$109,000
DESCRIPTION:	Replace six ditches with pipe
ENGINEER:	Pryor Mountain Engineering, Cowley, WY
MATERIALS:	Big Horn Truck & Equipment, Manderson, WY
YEAR COMPLETED:	2016
SESSION LAW YEAR:	2014

460. PROJECT: **Sidon Irrigation District Rehabilitation 2016**

SPONSOR:	Sidon Irrigation District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$352,500
ACTUAL EXPENDITURES:	$229,324
DESCRIPTION:	Convert open channel canals to pipeline
ENGINEER:	Pryor Mountain Engineering; Cowley, WY
CONTRACTOR:	Sidon Irrigation District
MATERIALS:	Waterworks Irrigation Inc., Ralston, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2016

461. PROJECT: **Sidon Irrigation District Rehabilitation 2017**

SPONSOR:	Sidon Irrigation District
LOCATION:	Park and Big Horn Counties
PROGRAM:	Rehabilitation
APPROPRIATION:	$483,000
ACTUAL EXPENDITURES:	$437,446
DESCRIPTION:	Converting segment of ditch to buried pipe
ENGINEER:	Pryor Mountain, Cowley, WY
CONTRACTOR:	Waterworks Industries Inc., Casper, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2017

462. PROJECT: **Sidon Irrigation District Rehabilitation 2018**

SPONSOR:	Sidon Irrigation District
LOCATION:	Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$823,000
ACTUAL EXPENDITURES:	$823,000
DESCRIPTION:	Convert the Gwen Lateral open channel to pipeline
ENGINEER:	Pryor Mountain Engineering, Cowley, WY
CONTRACTOR:	Sidon Irrigation District
MATERIALS:	Big Horn Truck & Equipment, Manderson, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2018

463. PROJECT: **Sidon Rehabilitation**

SPONSOR:	Sidon Irrigation District
LOCATION:	Park and Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$295,000
ACTUAL EXPENDITURES:	$273,372
DESCRIPTION:	Pipe Black-Miller Ditch, mechanical weed screen
ENGINEER:	Pryor Mountain Engineering, Cowley, WY
CONTRACTOR:	Sidon Irrigation District
MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2008, 2009

464. PROJECT: **Sinclair Water Supply Project**

SPONSOR:	Town of Sinclair
LOCATION:	Carbon County
PROGRAM:	New Development
APPROPRIATION:	$672,500 (50% Grant)
ACTUAL EXPENDITURES:	$433,915
DESCRIPTION:	New potable water storage tank, connecting pipeline and appurtenances.
ENGINEER:	PMPC Consulting Engineers, Saratoga, WY
CONTRACTOR:	Hot Iron Construction, Inc., Gillette, WY
YEAR COMPLETED:	2004
SESSION LAW YEAR:	2002

465. PROJECT: **Sinnard Dam**

SPONSOR:	Horse Creek Conservation District
LOCATION:	Goshen County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,100,000
ACTUAL EXPENDITURES:	$ 918,814
DESCRIPTION:	Dam and outlet works
ENGINEER:	ECI, Englewood, CO
CONTRACTOR:	Domino Construction, Laramie, WY
DATE COMPLETED:	1996
SESSION LAW DATE:	1993

466. PROJECT: **Sleepy Hollow Pipeline**

SPONSOR:	Central Campbell County Improvement and Service District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$200,000
ACTUAL EXPENDITURES:	$200,000
DESCRIPTION:	Construction of a transmission pipeline from the district's new well to the storage tank and installation of a well pump.
ENGINEER:	Falcon Consulting Service, Gillette, WY
CONTRACTOR:	DRM, Inc., Gillette, WY
YEAR COMPLETED:	2006
SESSION LAW YEAR:	2004

467. PROJECT: **Sleepy Hollow Tank Rehabilitation**

SPONSOR:	Central Campbell County Improvement and Service District
LOCATION:	Campbell County
PROGRAM:	Rehabilitation
APPROPRIATION:	$50,000
ACTUAL EXPENDITURES:	$45,885
DESCRIPTION:	Stabilization of tank settlement, modification of pipeline connections, and rehabilitation of tank control building.
ENGINEER:	Falcon Consulting Services, Gillette, WY
CONTRACTOR:	Long's Plumbing & Heating, Inc., Gillette, WY
YEAR COMPLETED:	2004
SESSION LAW YEAR:	2002

468. PROJECT: **Sleepy Hollow Well Replacement**

SPONSOR:	Central Campbell County I&S District
LOCATION:	Campbell County
PROGRAM:	Rehabilitation
APPROPRIATION:	$350,000
ACTUAL EXPENDITURES:	$227,811
DESCRIPTION:	Replacement of well, pump, controls, pipe
ENGINEER:	Soda Butte Services, Upton, WY
CONTRACTOR:	Williams Drilling, Gillette, WY Hladky Construction, Gillette, WY
DATE COMPLETED:	1996
SESSION LAW DATE:	1994

469. PROJECT: Small Water Projects

Small Water Project	Account	Year Approved
Asperation Well	New Development	2003
Bad Land Well	New Development	2003
Bench Well	New Development	2003
Big Bend Pasture Well	New Development	2003
Big Horn River Ranch Pipeline	New Development	2003
Blue Forest Well	New Development	2003
Central Well	New Development	2003
Crowfoot Ranch Well	New Development	2003
Diamond S Ranch Pipeline	New Development	2003
East Dry Creek #1 Well	New Development	2003
Emigrant Well	New Development	2003
Emigrant/Four Mile Pits	New Development	2003
Four Mile Gulch Well	New Development	2003
Gasson Well #2	New Development	2003
Gooseberry Creek Ranch Well	New Development	2003
Jensen Wash Well	New Development	2003
Lombard Well	New Development	2003
Migration Well	New Development	2003
Perino Pipeline	New Development	2003
Russell Ranch Pipeline	New Development	2003
Twelve Mile Sink Well	New Development	2003
Big Sandy Pipeline	Rehabilitation	2003
Cabin Creek Water Development	Rehabilitation	2003
Coyote Reservoirs	Rehabilitation	2003
Croonberg Water Development	Rehabilitation	2003
Diamond S Ranch Well	Rehabilitation	2003
Jones Water Project	Rehabilitation	2003
Old Steve Adams Duck Pond	Rehabilitation	2003
Poison Buttes/Cottonwood Ponds	Rehabilitation	2003
TY Ranch Pipeline	Rehabilitation	2003
Aaron Carollow Livestock	New Development	2004
Antelope Hills Water Well	New Development	2004
Antone Swanda Well & Pipeline	New Development	2004
Basin Allotment Project	New Development	2004
Black Thunder Watershed Project	New Development	2004
Butte Water Development	New Development	2004
Chant Water Well #1	New Development	2004
Cherokee Allotment Ground Water	New Development	2004
Coal Gulch Grade Control/Diversion	New Development	2004
Dobie Ridge Project	New Development	2004
Gordon Pries Irrigation Pipeline/Pond	New Development	2004
Muddy Creek Ox Bow Restoration	New Development	2004
PH livestock Fillmore Pasture	New Development	2004
Range Unit 40 Young Bench Well	New Development	2004
Shant Stock Ponds #7 & #8	New Development	2004

Small Water Project	Account	Year Approved
Springfield Ranch-Laramie Plains	New Development	2004
Vineyard Ranch Small Water Project	New Development	2004
Big Poddy Creek Pipeline	Rehabilitation	2004
Blakely Big Draw	Rehabilitation	2004
Double Tanks Pipeline	Rehabilitation	2004
Hay Creek Project	Rehabilitation	2004
Henthorne Pipeline	Rehabilitation	2004
Irvine Ranch Small Water Project	Rehabilitation	2004
Jones Bros. 2-B & #8 Reservoirs	Rehabilitation	2004
Little Jack Res., South Flat Top	Rehabilitation	2004
Lodgepole Water Project	Rehabilitation	2004
Mishurda Mtn. Ranch, Phase 2 Pipeline	Rehabilitation	2004
Morrisey Pipeline Rehabilitation	Rehabilitation	2004
Muley Meadows Pipeline	Rehabilitation	2004
Range Unit 38 Water Rocks Pipeline	Rehabilitation	2004
Range Unit 40 Crowheart Butte Pipeline	Rehabilitation	2004
Red Butte Water Project	Rehabilitation	2004
South Coffee Project	Rehabilitation	2004
Struempf Ponds	Rehabilitation	2004
Hall Butte Reservoir Project	New Development	2005
Upper Nowater Stock Well & Storage	New Development	2005
West Keester Project	New Development	2005
Canyon Springs Prairie Project	Rehabilitation	2005
Neiber Pipeline Project	Rehabilitation	2005
Pole Mountain Water Development	Rehabilitation	2005
Six Mile Spring Development	Rehabilitation	2005
Sun Land & Cattle Co. Project	Rehabilitation	2005
Upper Beaver creek Pipeline	Rehabilitation	2005
Bunch-Wetland Restoration	New Development	2006
Casey Jones Well	New Development	2006
Dull Center Well	New Development	2006
East Woody & NW Ireton Wells	New Development	2006
Frog Creek Well	New Development	2006
Gordon Well	New Development	2006
Hall Butte Range Water Development	New Development	2006
Hibbard Stock Rest Water Development	New Development	2006
Hills Well	New Development	2006
Iberlin Bobcat Well	New Development	2006
Iberlin Solar Well	New Development	2006
Jones Pond #1 Red Hole & Offsite	New Development	2006
Jones Pond #2 Red Hole	New Development	2006
Jones Pond #3 Red Hole	New Development	2006
Kaycee Stock Rest Water Development	New Development	2006
Lower Horse Section 35 Well	New Development	2006
M Creek Section 26 Well	New Development	2006

Small Water Project	Account	Year Approved
North M Creek	New Development	2006
Nuemiller Section 15 Well	New Development	2006
Nuemiller Upper Meadow Portable Solar	New Development	2006
Reed Pipeline	New Development	2006
Riehle Well	New Development	2006
Rochelle Hills Spring Development	New Development	2006
Rock Well	New Development	2006
Rothluetner Solar Well	New Development	2006
Russell Ranch Wetland Restoration	New Development	2006
South M Creek	New Development	2006
West Railroad Well	New Development	2006
2 Coyote Pipeline	Rehabilitation	2006
2 Coyote Storage	Rehabilitation	2006
2 Coyote-East Pipeline	Rehabilitation	2006
Baird-Sand Draw Pipeline	Rehabilitation	2006
Downs Solar Pipeline	Rehabilitation	2006
East Pasture-South Pipeline	Rehabilitation	2006
Government Reservoir Water Development	Rehabilitation	2006
Hall Butte Stock Pond Rehab	Rehabilitation	2006
Henthorne Stock Ponds Rehab	Rehabilitation	2006
JJ Springs Water Development	Rehabilitation	2006
Jones Pipeline & Storage Tank	Rehabilitation	2006
Lona Solar	Rehabilitation	2006
Mud Springs/Arch Cr Water Development	Rehabilitation	2006
Reed Reservoir	Rehabilitation	2006
Rothleutner Stock Tanks	Rehabilitation	2006
Russell Ranch Stock Pond Rehab	Rehabilitation	2006
Tracy Solar Systems	Rehabilitation	2006
Tracy Wells	Rehabilitation	2006
Upper Antelope-Coal Bank Pipeline	Rehabilitation	2006
V-Ventures Below Frost Pipeline	Rehabilitation	2006
V-Ventures Boxcars Rehab	Rehabilitation	2006
V-Ventures West Kirby Pond Rehab	Rehabilitation	2006
V-Ventures-Wetland Rehab	Rehabilitation	2006
West Horse Underground Pipeline	Rehabilitation	2006
Whitt-Homestead Pipeline	Rehabilitation	2006
Little Grass Creek Water Development	New Development	2008
West Prospect, Otty, Urwin Pipeline	New Development	2008
Arkansas Creek Stockwater Pipeline	New Development	2009
Dickie 21/Bear Cr./Urwin 21 Pipeline	New Development	2009
Grass Creek Divide	New Development	2009
Horse Pasture Putney Flat Pipeline	New Development	2009
LU Farm Pivot Diversion	New Development	2009
North Prospect Pipeline	New Development	2009
Pats Draw Pipeline	New Development	2009
Putney School Section Pipeline	New Development	2009

Small Water Project	Account	Year Approved
Ramul 21 Pipeline	New Development	2009
Reds Creek Pasture Pipeline	New Development	2009
Spring Gulch Pipeline	New Development	2009
Wagonhound Spring Pipeline	New Development	2009
Jesse Brown Ditch Diversion	Rehabilitation	2009
Littlejohn Ditch Turnout	Rehabilitation	2009
Sawmill Creek Headgate	Rehabilitation	2009
Coal Bank Pipeline	New Development	2010
Keyton Creek Spring Development	New Development	2010
Lower Antelope North Pipeline	New Development	2010
Lower Antelope South Pipeline	New Development	2010
Rock Well Pipeline	New Development	2010
West Dorr 1-1 Well Pipeline	New Development	2010
West Spring Gulch Pipeline	New Development	2010
Wohlford TB-6A Well	New Development	2010
Bond #1 Well	Rehabilitation	2010
Bond #2 Well	Rehabilitation	2010
Enterprise Ditch Bifurcation	Rehabilitation	2010
Kirby Ditch Headgate	Rehabilitation	2010
M Creek Pipeline	Rehabilitation	2010
North M Creek 14-1 Well	Rehabilitation	2010
Airport Pipeline	New Development	2011
Dam Teresa	New Development	2011
East Alkali Pipeline	New Development	2011
Henthorne Solar Project	New Development	2011
Jones Pond #2 Diversion Pipeline	New Development	2011
Jones Wildhorse Spring Pipeline	New Development	2011
Lower Frog Creek Well	New Development	2011
Mesa Well	New Development	2011
MMR Lake Creek Spring Development	New Development	2011
MMR Rock Spring Development	New Development	2011
MMR Towers Spring Development	New Development	2011
Pellatz North Well	New Development	2011
River Well	New Development	2011
TB 231	New Development	2011
West Alkali Pipeline	New Development	2011
Anita Ditch Pipeline	Rehabilitation	2011
West Allotment Pipeline	Rehabilitation	2011
214 Jacobs W20-1 Well	New Development	2012
216 Jacobs W29-1 Well	New Development	2012
220 Jacobs TB081B Well	New Development	2012
Beef Pasture Pipeline	New Development	2012
Canyon Spring	New Development	2012
Cook Spring	New Development	2012
Edwards-Robinson South	New Development	2012

Small Water Project	Account	Year Approved
Hazen Draw	New Development	2012
Jim's Meadow Pipeline	New Development	2012
Kruse Ranch Dam	New Development	2012
Pellatz Pipeline	New Development	2012
Pellatz Spreader	New Development	2012
246 Rothluetner	New Development	2013
BLM Wild Horse	New Development	2013
Dexter Pipeline	New Development	2013
Iberlin Pipeline	New Development	2013
Oaks Pasture	New Development	2013
Patterson Upland	New Development	2013
Reservoir #3	New Development	2013
TB 020B Pipeline	New Development	2013
TB 099B	New Development	2013
BLM Solar Pump	Rehabilitation	2013
Ditch Creek Irrigation	Rehabilitation	2013
Ditch Creek Solar	Rehabilitation	2013
#1 Pat Sheehananigans	New Development	2014
47 Ranch	New Development	2014
Baggs Grazing Allotment	New Development	2014
BLM Cottonwood Creek Pasture Water Development	New Development	2014
C Weber Wetland	New Development	2014
Cameron Upland Project 1	New Development	2014
Coal Mine Spring Development	New Development	2014
E Black Thunder W20-1	New Development	2014
Elk Mountain Spring	New Development	2014
Good Luck Well	New Development	2014
H&C Stock Water Well	New Development	2014
HB Lee Irrigation Return Flow Wetland	New Development	2014
Hog Eye Ranch - Little Savery Creek New Pasture Ponds	New Development	2014
Kester Coulee South Pipeline	New Development	2014
Ladder Livestock #1	New Development	2014
McClanahan Well and Pipeline Project	New Development	2014
Muddy Creek Wetland Duck Pond #8	New Development	2014
Otty Wagonhound Pipeline Project	New Development	2014
PH Livestock Alamosa Gulch	New Development	2014
PH Livestock Delaney Rim Well	New Development	2014
PH Livestock Fillmore Allotment Long Draw	New Development	2014
Steve Adams Irrigation Return Flow Wetland	New Development	2014
Stinking Water 1 Well and Pipeline	New Development	2014
Weber Ranch Doty Mountain Allotment	New Development	2014
Deep Creek Pasture Rehab 1	Rehabilitation	2014
Casey Jones 49	Rehabilitation	2014
Deep Creek Pasture Rehab 2	Rehabilitation	2014
Deep Creek Pasture Rehab 3	Rehabilitation	2014

Small Water Project	Account	Year Approved
Deep Hills Solar Conversion	Rehabilitation	2014
Hog Eye Ranch Little Savery Pasture Stock Pond	Rehabilitation	2014
Johnson Ranch Irrigation Diversion Structure	Rehabilitation	2014
Stoddard Place Irrigation Water Conveyance Pipeline	Rehabilitation	2014
TB 200	Rehabilitation	2014
TB256	Rehabilitation	2014
Willow Pasture Pond Reconstruction	Rehabilitation	2014
Willow Pasture Pond Repair	Rehabilitation	2014
212 East W 25-1	New Development	2015
287 School W21-1	New Development	2015
Battle MT Stock Ponds Kaisler	New Development	2015
Battle Mt Stock Ponds Ladder Livestock	New Development	2015
Carollo 001 Davis No. 2 Reservoir Enlargement	New Development	2015
Coyote Draw Pipeline and Tank	New Development	2015
CR 002 Seep/Spring Hoof Print	New Development	2015
CR 003 Bridger Well No 13	New Development	2015
Cumberland Well #29 Pipeline	New Development	2015
Dunkley Oxbow Wetland	New Development	2015
Evans Stock Pond	New Development	2015
Graham Reservoir Enhancement	New Development	2015
Hoffman 001 Beaver Dam Creek Well	New Development	2015
Hog Eye Ranch Oxbow Wetlands	New Development	2015
Johnson Pipeline	New Development	2015
Julian 001 State Section Pipeline	New Development	2015
Kofford 001 Wildflower Spring Development	New Development	2015
Kofford 002 Clifford Spring Development	New Development	2015
Little Basin Spring Development, Pipeline and Tank	New Development	2015
Mayfield Cabin Spring	New Development	2015
Muddy Mountain Well #2	New Development	2015
Muddy Mt Well #1	New Development	2015
Purple Sage Stock Pond	New Development	2015
State Line Canal Steve Adams	New Development	2015
TB 17B	New Development	2015
Thompson Robinson West	New Development	2015
Walker 001 Pipeline	New Development	2015
Waterhouse Canyon	New Development	2015
Weber Stock Water Pipeline	New Development	2015
West Dad Wetland	New Development	2015
BLM Reservoirs Reconstruction and Pipe Installment 2015	Rehabilitation	2015
Cottonwood Reservoir Rehabilitation	Rehabilitation	2015
Cow Camp Spring	Rehabilitation	2015
East Arkansas Pipeline Extensions and Point of Rocks	Rehabilitation	2015
Nelson Ditch Headgate and Diversion Structure	Rehabilitation	2015
Ojinaga Spring Development	Rehabilitation	2015
State Line Ditch Poison Basin Draw Headwall & Headgate	Rehabilitation	2015

Small Water Project	Account	Year Approved
State Line Ditch turn out #3 and check structure	Rehabilitation	2015
TB111	Rehabilitation	2015
TB287	Rehabilitation	2015
Tip Top Pond Repair	Rehabilitation	2015
Wadsworth Reservoir Rehabilitation	Rehabilitation	2015
Bad Spring Pond Reconstruction	New Development	2016
Cobb, Dutch Joe Well	New Development	2016
Cottonwood Well Banjo	New Development	2016
Little Savery Stock Pond	New Development	2016
Oppenheimer Water Well	New Development	2016
Powder Rim Pasture D Water Well	New Development	2016
Wildcat #5 Spring Development	New Development	2016
Wildcat Butte Well Rehabilitation	New Development	2016
Allen Place Buried Ditch	Rehabilitation	2016
Apex Ditch	Rehabilitation	2016
BLM Reservoir Reconstruction 2016	Rehabilitation	2016
Cull Place Pipe, Buried Ditch, and Division Box	Rehabilitation	2016
Dexter Peak Ranch Stock Reservoir 2016	Rehabilitation	2016
Hangout Well	Rehabilitation	2016
Hibben Ditch and Diversion Dam	Rehabilitation	2016
Red Creek #2 Well	Rehabilitation	2016
Snow Ditch Headgate Replacement	Rehabilitation	2016
Van Ditch	Rehabilitation	2016
Wadsworth Reservoir Leak Repair	Rehabilitation	2016
Badlands West Spring	New Development	2017
Cobb Dutch Joe Pipeline	New Development	2017
Little Savery State Lands Stock Pond	New Development	2017
McAllister State Lands Stock Ponds	New Development	2017
Peroulis R. Weber Stock Water Pond and Pit	New Development	2017
Red Wash Stock/Wetland Pond #9	New Development	2017
Trough at Calf Pen - Roberts	New Development	2017
BLM Reservoir Reconstruction 2017	Rehabilitation	2017
Corson Buried Irrigation Pipeline and Division Box	Rehabilitation	2017
Leo Reservoir Reconstruction - RI#920857 BLM	Rehabilitation	2017
Old Steve Adams Diversion	Rehabilitation	2017
Purple Sage Ranch Bank Stabilization 2017	Rehabilitation	2017
Soaphole Ditch	Rehabilitation	2017
State Land Irrigation Improvements	Rehabilitation	2017
DC State Land Stock Reservoir	New Development	2018
Doty Mountain Allotment Stock Pond	New Development	2018
Little Snake Oxbow 4900	New Development	2018
Little Snake Oxbow 6600	New Development	2018
Little Snake Oxbow 7100	New Development	2018
Red Creek Stock Reservoir	New Development	2018
Red Wash Pond 1A	New Development	2018

Small Water Project	Account	Year Approved
Red Wash Wetland #7 2018	New Development	2018
TA Land and Cattle Livestock Pipeline	New Development	2018
Smith Ditch	Rehabilitation	2018

470. PROJECT: **Smiths Fork Water Supply**
SPONSOR: Smiths Fork Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $340,000
ACTUAL EXPENDITURES: $307,027
DESCRIPTION: Diversion structure, headgate replacement and siphon
ENGINEER: Versar, Denver, CO
CONTRACTOR: Reiman Construction, Cheyenne, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1991

471. PROJECT: **Smoot Water Supply**
SPONSOR: Greater Smoot Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $1,100,000
ACTUAL EXPENDITURES: $1,040,298
DESCRIPTION: Well, storage tank, spring improvements, pipeline
ENGINEER: Forsgren Associates, Evanston, WY
CONTRACTOR: JASCO; Evanston, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1991

472. PROJECT: **South Big Horn County Pipeline**
SPONSOR: South Big Horn County Rural Water District
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $3,557,700
ACTUAL EXPENDITURES: $3,066,815
DESCRIPTION: Transmission pipeline west of Greybull and Basin
ENGINEER: DOWL, LLC, Sheridan WY
CONTRACTOR: Mountain View Building, Inc., Sheridan, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2016

473. PROJECT: **South Circle Estates Water Supply**
SPONSOR: South Circle Estates Improvement and Service District
LOCATION: Washakie County
PROGRAM: New Development
APPROPRIATION: $480,000
ACTUAL EXPENDITURES: $304,117
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: 609 Consulting, LLC
CONTRACTOR: Wilson Brothers Construction, Inc.
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2011

474. PROJECT: **South Laramie Water Supply**

SPONSOR:	City of Laramie
LOCATION:	Albany County
PROGRAM:	New Development
APPROPRIATION:	$2,638,170
ACTUAL EXPENDITURES:	$1,397,246
DESCRIPTION:	Transmission pipeline to serve south of Laramie.
ENGINEER:	DOWL-HKM, Laramie WY
CONTRACTOR:	Mechanical Systems, Inc., Cheyenne WY
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2010, 2012

475. PROJECT: **South of Laramie Water Supply**

SPONSOR:	South of Laramie Water and Sewer District
LOCATION:	Albany County
PROGRAM:	New Development
APPROPRIATION:	$3,146,400
ACTUAL EXPENDITURES:	$1,771,887
DESCRIPTION:	Storage tank, city connection, pipeline, controls
ENGINEER:	Banner Associates, Laramie, WY
CONTRACTOR:	Hedquist Construction, Casper, WY
YEAR COMPLETED:	1997
SESSION LAW YEAR:	1993

476. PROJECT: **South Thermopolis Water Supply**

SPONSOR:	South Thermopolis Water & Sewer District
LOCATION:	Hot Springs County
PROGRAM:	New Development
APPROPRIATION:	$2,318,200
ACTUAL EXPENDITURES:	$1,974,755
DESCRIPTION:	Transmission pipeline and storage tank construction
ENGINEER:	Engineering Associates, Thermopolis, WY
CONTRACTOR:	Mountain View Builders, Sheridan, WY
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2010, 2015

477. PROJECT: **Southwest Casper Water Supply**

SPONSOR:	City of Casper
LOCATION:	Natrona County
PROGRAM:	New Development
APPROPRIATION:	$1,000,000
ACTUAL EXPENDITURES:	$1,000,000
DESCRIPTION:	Storage Tank and Pipeline
ENGINEER:	Worthington Lenhart, Carpenter, Inc.
CONTRACTOR:	Lobo, Inc., Casper, WY
YEAR COMPLETED:	1998
SESSION LAW YEAR:	1992

478. PROJECT: **Spring Draw Ditch**

SPONSOR:	Spring Draw Irrigation District
LOCATION:	Sheridan County
PROGRAM:	Rehabilitation
APPROPRIATION:	$350,000

ACTUAL EXPENDITURES: $288,925
DESCRIPTION: Ditch reclamation, and pipeline installation
ENGINEER: Pilch Engineering; Sheridan, WY
CONTRACTOR: Larry's Inc., Gillette, WY
YEAR COMPLETED: 1998
SESSION LAW YEAR: 1997

479. PROJECT: Squaw Creek Water Supply
SPONSOR: Squaw Creek Water District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $580,000
ACTUAL EXPENDITURES: $530,297
DESCRIPTION: Wells, pipeline, storage
ENGINEER: AVI, Cheyenne, Wyoming
CONTRACTOR: G. M. Stewart Construction, Evanston, WY
DATE COMPLETED: 1998
SESSION LAW DATE: 1995

480. PROJECT: Squaw Creek Water Supply
SPONSOR: Squaw Creek Water District
LOCATION: Teton County
PROGRAM: Rehabilitation
APPROPRIATION: $308,200
ACTUAL EXPENDITURES: $308,200
DESCRIPTION: Well and Transmission
ENGINEER: AVI, Cheyenne, WY
CONTRACTOR: MD Landscaping, Driggs, ID
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2015

481. PROJECT: Stage II Pipeline
SPONSOR: City of Cheyenne
LOCATION: Carbon, Albany, Laramie Counties
PROGRAM: New Development
APPROPRIATION: $48,200,000
ACTUAL EXPENDITURES: $47,713,214
DESCRIPTION: Pipeline
ENGINEER: Banner Associates, Inc., Laramie, WY
CONTRACTOR: Guernsey Stone, Sheridan, WY
DATE COMPLETED: 1993
SESSION LAW DATE: 1986

482. PROJECT: Star Valley Ranch Water Supply
SPONSOR: Town of Star Valley Ranch
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $4,995,000
ACTUAL EXPENDITURES: $4,836,822
DESCRIPTION: New water development including springs, pipelines, and tank

	ENGINEER:	Forsgren Associates, Inc.
	CONTRACTOR:	Kilroy LLC, Afton, WY DePatco Inc., St. Anthony, ID WETCO, Sandy, UT Westwood Curtis Construction Inc., Jackson, WY
	YEAR COMPLETED:	2013
	SESSION LAW YEAR:	2009, 2010
483.	**PROJECT:**	**State Line Canal Diversion**
	SPONSOR:	Savery-Little Snake River Water Conservancy District
	LOCATION:	Carbon County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$750,000
	ACTUAL EXPENDITURES:	$499,939
	DESCRIPTION:	Reconstruction of State Line Canal Diversion structure
	ENGINEER:	Natural Resources Conservation Service, Baggs, WY
	CONTRACTOR:	Perco Rock Co, Hilldale, UT Inberg Miller, Riverton, WY C&B Sand and Gravel, Baggs, WY Valley Backhoe & Construction, Inc., Baggs, WY H.B. Lee Construction Co., Inc., Baggs, WY
	YEAR COMPLETED:	2018
	SESSION LAW YEAR:	2014
484.	**PROJECT:**	**Sulphur Creek**
	SPONSOR:	City of Evanston
	LOCATION:	Uinta County
	PROGRAM:	New Development
	APPROPRIATION:	$25,000,000
	ACTUAL EXPENDITURES:	$19,758,207
	DESCRIPTION:	Dam, pipelines (2)
	ENGINEER:	Several
	CONTRACTOR:	Several
	YEAR COMPLETED;	1990
	SESSION LAW YEAR:	1985, 1986
485.	**PROJECT:**	**Sundance Meadows Water Supply**
	SPONSOR:	Sundance Meadows Water District
	LOCATION:	Converse County
	PROGRAM:	New Development
	APPROPRIATION:	$332,287
	ACTUAL EXPENDITURES:	$280,924
	DESCRIPTION:	Construction of transmission pipeline and appurtenances to serve the District water from the City of Douglas.
	ENGINEER:	CEPI, Casper, WY
	CONTRACTOR:	High Plains Construction, Inc.; Casper, WY
	YEAR COMPLETED:	2011
	SESSION LAW YEAR:	2007

486. **PROJECT:** **Sundance PRV Improvements 2016**
SPONSOR: City of Sundance
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $137,350
ACTUAL EXPENDITURES: $ 84,926
DESCRIPTION: Upsize three pressure relief valves (PRVs) at the East, West, and 585 pressure reducing stations. Installation of new PRV bypass at the Cla-Val site.
ENGINEER: Trihydro Corporation, Laramie, WY
CONTRACTOR: Triple Creek, LLC, Gillette, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2016

487. **PROJECT:** **Sundance Storage Tank**
SPONSOR: Town of Sundance
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $945,850
ACTUAL EXPENDITURES: $923,878
DESCRIPTION: Storage
ENGINEER: Tri-Hydro
CONTRACTOR: EAI
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2012

488. **PROJECT:** **Sundance Tank**
SPONSOR: Town of Sundance
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $325,000
ACTUAL EXPENDITURES: $307,210
DESCRIPTION: Water storage tank
ENGINEER: Bearlodge Ltd., Inc., Sundance, WY
CONTRACTOR: DRM, Inc., Gillette, WY
DATE COMPLETED: 2001
SESSION LAW DATE: 2000

489. **PROJECT:** **Sundance Tank 2018**
SPONSOR: City of Sundance
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $722,930
ACTUAL EXPENDITURES: $527,045.48
DESCRIPTION: New tank to replace two older tanks as well as piping and a booster pump
ENGINEER: Trihydro, Laramie, WY
CONTRACTOR: Timberline Services, Inc., Sundance, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2018

490. PROJECT: **Sundance Transmission Pipeline 2016**

SPONSOR:	City of Sundance
LOCATION:	Crook County
PROGRAM:	New Development
APPROPRIATION:	$713,550
ACTUAL EXPENDITURES:	$647,105
DESCRIPTION:	New larger diameter transmission pipeline of PVC pipe to improve fire flows throughout the system and to the new elementary school
ENGINEER:	Trihydro Corporation, Laramie, WY
CONTRACTOR:	DRM, Inc., Gillette, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

491. PROJECT: **Sundance Well**

SPONSOR:	Town of Sundance
LOCATION:	Crook County
PROGRAM:	New Development
APPROPRIATION:	$685,000
ACTUAL EXPENDITURES:	$684,394
DESCRIPTION:	Construction of a new Minnelusa formation well and tie-in to the Town's existing transmission system.
ENGINEER:	Bearlodge, Inc., Sundance, WY
CONTRACTOR:	Weston Engineering, Inc., Upton, WY Timberline Services, Inc., Sundance, WY
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2007, 2009

492. PROJECT: **Sunset Pipeline**

SPONSOR:	Sunset Ranch Water District
LOCATION:	Weston County
PROGRAM:	New Development
APPROPRIATION:	$556,612
ACTUAL EXPENDITURES:	$258,175
DESCRIPTION:	Transmission pipeline
ENGINEER:	Stetson Engineering, Inc., Gillette, WY
CONTRACTOR:	Site Work Specialists, Inc., Rapid City, SD
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2004, 2007

493. PROJECT: **Superior Water Supply**

SPONSOR:	Town of Superior
LOCATION:	Sweetwater County
PROGRAM:	New Development
APPROPRIATION:	$40,000
ACTUAL EXPENDITURES:	$30,880
DESCRIPTION:	Groundwater well, pump station
ENGINEER:	Wester-Wetstein & Associates, Laramie, WY
CONTRACTOR:	Ward's Well Service, Riverton, WY
YEAR COMPLETED:	1994
SESSION LAW YEAR:	1993

494. PROJECT: **Sweetwater Project**

SPONSOR:	Sweetwater Improvement and Service District
LOCATION:	Weston County
PROGRAM:	New Development
APPROPRIATION:	$562,800
ACTUAL EXPENDITURES:	$430,229
DESCRIPTION:	Transmission Water line
ENGINEER:	Camp Creek Engineering, Laramie, WY
CONTRACTOR:	Sitework Specialists, Rapid City, SD
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2015

495. PROJECT: **Taylor Ditch Siphon**

SPONSOR:	Taylor Watershed Improvement District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$496,915
ACTUAL EXPENDITURES:	$446,890
DESCRIPTION:	Replace Siphon
ENGINEER:	Anderson and Associates, Fort Collins, CO
CONTRACTOR:	Patrick Construction, Lander, WY
COMPLETION DATE	2009
SESSION LAW	2008

496. PROJECT: **Ten Sleep Storage Tank**

SPONSOR:	Town of Ten Sleep
LOCATION:	Washakie County
PROGRAM:	New Development
APPROPRIATION:	$1,540,000
ACTUAL EXPENDITURES:	$1,276,637
DESCRIPTION:	Design and construction of a dual transmission pipeline and water storage tank.
ENGINEER:	Lidstone and Associates, Inc.
CONTRACTOR:	Wilson Brothers Construction, Inc.
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2011

497. PROJECT: **Teton Village Water Supply**

SPONSOR:	Teton Village Water and Sewer District
LOCATION:	Teton County
PROGRAM:	New Development
APPROPRIATION:	$700,000
ACTUAL EXPENDITURES:	$700,000
DESCRIPTION:	Two wells, pipeline
ENGINEER:	Nelson Engineering, Jackson, WY
CONTRACTOR:	Thomas Drilling, Afton, WY H-K Construction, Idaho Falls, ID
DATE COMPLETED:	1996
SESSION LAW DATE:	1992

498. **PROJECT:** **Teton Village Water Supply**
SPONSOR: Teton Village Water and Sewer District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $2,447,500
ACTUAL EXPENDITURES: $52,915.43 (mainly used district funds)
DESCRIPTION: Connect wells, flow metering, control building, emergency generator, chlorination
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: G E Johnson Construction Company, Colorado Springs, CO
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2009

499. **PROJECT:** **Thayne Tank 2017**
SPONSOR: Town of Thayne
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $589,600.00
ACTUAL EXPENDITURES: $589,600.00
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: Sunrise Engineering, Cheyenne, WY
CONTRACTOR: Western Municipal, Meeteetse, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2017

500. **PROJECT:** **Thayne Water Supply**
SPONSOR: Town of Thayne
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $850,000
ACTUAL EXPENDITURES: $726,222
DESCRIPTION: Springs development, well and transmission line
ENGINEER: Forsgren Associates Inc.; Evanston, WY
CONTRACTOR: Peavler's Mountain Star, Inc.; Afton, WY
SESSION LAW YEAR: 1998

501. **PROJECT:** **Thermopolis Pipeline Replacement 2017**
SPONSOR: Town of Thermopolis
LOCATION: Hot Springs County
PROGRAM: Rehabilitation
APPROPRIATION: $1,545,200
ACTUAL EXPENDITURES: $1,545,200
DESCRIPTION: Design and construction of new transmission pipelines.
ENGINEER: Engineering Associates; Thermopolis, WY
CONTRACTOR: Wilson Brothers Construction; Cowley, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2017

502. **PROJECT:** **Thermopolis Storage Replacement and Rehabilitation**
SPONSOR: Town of Thermopolis
LOCATION: Hot Springs County
PROGRAM: Rehabilitation
APPROPRIATION: $1,804,910

ACTUAL EXPENDITURES: $1,640,968
DESCRIPTION: Construction of transmission pipelines, booster pump station and a storage tank.
ENGINEER: Engineering Associates; Thermopolis, WY
CONTRACTOR: Wilson Brothers Construction; Cowley, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2008

503. PROJECT: Thirty Three Mile Water Supply
SPONSOR: Thirty Three Mile Road Improvement & Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $1,044,486
ACTUAL EXPENDITURES: $ 955,712
DESCRIPTION: Construction of a water transmission system
ENGINEER: Civil Engineering Professionals, Inc.; Casper, WY
CONTRACTOR: Andreen Hunt Construction, Inc.; Casper, WY
YEAR COMPLETED: 2003
SESSION LAW YEAR: 2000

504. PROJECT: Torrington Raw Water
SPONSOR: City of Torrington
LOCATION: Goshen County
PROGRAM: New Development
APPROPRIATION: $96,000
ACTUAL EXPENDITURES: $96,000
DESCRIPTION: Two irrigation wells, pumps, pipelines, controls
ENGINEER: Baker & Associates, Inc.; Scottsbluff, NE
CONTRACTOR: Scott & Son, Inc.; Torrington, WY
YEAR COMPLETED: 2004
SESSION LAW YEAR: 2002

505. PROJECT: Torrington Water Supply
SPONSOR: City of Torrington
LOCATION: Goshen County
PROGRAM: New Development
APPROPRIATION: $4,500,000
ACTUAL EXPENDITURES: $3,391,795
DESCRIPTION: Three wells, pump station, pipeline, blending facilities
ENGINEER: Baker & Associates, Inc.; Scottsbluff, NE
CONTRACTOR: Charles Sargent Irrigation; Scottsbluff, NE
Strong Construction, Inc.; Torrington, WY
Ed Hawley, LLC; Torrington, WY
Timberline Electronic & Control Corp.; Morrison, CO.
YEAR COMPLETED: 2008
SESSION LAW YEAR: 1998, 2008

506. PROJECT: Turnerville Water Supply Project
SPONSOR: Turnerville Water and Sewer District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $743,994
ACTUAL EXPENDITURES: $678,616

DESCRIPTION: Transmission pipelines, spring rehabilitation, storage tank
ENGINEER: Forsgren Associates; Evanston, WY
CONTRACTOR: Associated Brigham Contractors, Inc.; Brigham City, UT
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2004, 2006

507. PROJECT: Upper Bluff Rehabilitation
SPONSOR: Upper Bluff Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $436,000
ACTUAL EXPENDITURES: $399,913
DESCRIPTION: Pump stations (2), measuring devices, canal repairs
ENGINEER: Nelson Engineering; Jackson, WY
CONTRACTOR: Big Horn Red-Mix; Greybull, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1980

508. PROJECT: Upper Hanover Water Supply
SPONSOR: Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $1,200,000
ACTUAL EXPENDITURES: $1,086,100
DESCRIPTION: Wasteways, flumes, canal lining
ENGINEER: Donnell & Associates; Worland, WY
CONTRACTOR: Big Horn Red-Mix; Greybull, WY
Pope Construction; Casper, WY
YEAR COMPLETED; 1994
SESSION LAW YEAR: 1991

509. PROJECT: Upper Little Warm Springs Water Supply
SPONSOR: Warm Springs Water District
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $1,600,000
ACTUAL EXPENDITURES: $1,426,485
DESCRIPTION: Pipelines, pumps, storage tank, controls
ENGINEER: Jorgensen Engineering; Jackson, WY
CONTRACTOR: Foster Construction; Riverton, WY
DATE COMPLETED: 2001
SESSION LAW DATE: 1996

510. PROJECT: Upton Tank Replacement
SPONSOR: Town of Upton
LOCATION: Weston County
PROGRAM: Rehabilitation
APPROPRIATION: $158,800
ACTUAL EXPENDITURES: $158,800
DESCRIPTION: Water storage standpipe

ENGINEER: Wester-Wetstein & Associates, Inc.; Laramie, WY
CONTRACTOR: Salt Creek Welding, Inc.; Mills, WY
DATE COMPLETED: 2002
SESSION LAW DATE: 2002

511. PROJECT: Upton Water Supply
SPONSOR: Town of Upton
LOCATION: Weston County
PROGRAM: New Development
APPROPRIATION: $365,000
ACTUAL EXPENDITURES: $328,375
DESCRIPTION: Well and pipeline
ENGINEER: Weston Engineering; Upton, WY
High Plains Engineering; Newcastle, WY
CONTRACTOR: Cyclone Drilling; Gillette, WY
Sundance P&H; Sundance, WY
DATE COMPLETED: 1996
SESSION LAW DATE: 1991, 1992

512. PROJECT: Upton Well
SPONSOR: Town of Upton
LOCATION: Weston County
PROGRAM: New Development
APPROPRIATION: $395,000
ACTUAL EXPENDITURES: $50,360
DESCRIPTION: Connect an existing well to the Town's water system*
ENGINEER: Bearlodge Engineering; Sundance, WY
CONTRACTOR: None
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2009, 2014, 2015
*Following completion of the project design, the town could not obtain a WYDEQ well permit for the existing well. The project was terminated by the WWDC and the remaining funds were reverted back into Account I.

513. PROJECT: Vista West Water Supply
SPONSOR: Vista West Water and Sewer District
LOCATION: Crook County
PROGRAM: New Development
APPROPRIATION: $540,000
ACTUAL EXPENDITURES: $523,135
DESCRIPTION: Wells, pipeline, storage
ENGINEER: Weston Engineering; Upton, WY
CONTRACTOR: Dan Hart Patrol; Upton, WY
Water System Management; Gillette, WY
DATE COMPLETED: 1998
SESSION LAW DATE: 1994

514. PROJECT: Wamsutter Water Supply
SPONSOR: Town of Wamsutter
LOCATION: Sweetwater County
PROGRAM: Rehabilitation
APPROPRIATION: $140,000
ACTUAL EXPENDITURES: $125,354

DESCRIPTION: Transmission Pipeline
ENGINEER: PMPC; Saratoga, WY
CONTRACTOR: Jackman Construction, Inc.; Green River, WY
COMPLETION DATE June 2002
SESSION LAW 2001

515. PROJECT: Wamsutter Water Supply Rehabilitation Project
SPONSOR: Town of Wamsutter
LOCATION: Sweetwater County
PROGRAM: Rehabilitation
APPROPRIATION: $258,500
ACTUAL EXPENDITURES: $258,500
DESCRIPTION: Construction of a methane stripping facility, new storage tank, transmission pipeline and connection of well to the town's elevated storage tank.
ENGINEER: Nelson Engineering; Jackson, WY
CONTRACTOR: Edward Hawley, LLC; Torrington, WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2006

516. PROJECT: Wamsutter Well
SPONSOR: Town of Wamsutter
LOCATION: Sweetwater County
PROGRAM: New Development
APPROPRIATION: $542,700
ACTUAL EXPENDITURES: $487,243
DESCRIPTION: Complete ESS well and transmission pipeline
ENGINEER: PMPC; Saratoga, WY
CONTRACTOR: Mechanical Systems Inc.; Cheyenne, WY
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2009

517. PROJECT: Wamsutter Well 2010
SPONSOR: Town of Wamsutter
LOCATION: Sweetwater County
PROGRAM: New Development
APPROPRIATION: $757,100
ACTUAL EXPENDITURES: $352,720
DESCRIPTION: Transmission pipeline and equipment to connect Well No. 9 to the Towns water system.
ENGINEER: PMPC Civil Engineers; Saratoga, WY
CONTRACTOR: Mechanical Systems, Inc.; Cheyenne, WY
YEAR COMPLETED: 2012
SESSION LAW YEAR: 2010

518. PROJECT: Wardwell Water Supply Improvements
SPONSOR: Wardwell Water and Sewer District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $4,602,900
ACTUAL EXPENDITURES: $4,206,459
DESCRIPTION: Constructed a new pump station, water storage tank and transmission pipeline.

ENGINEER: 609 Consulting LLC, Casper WY
CONTRACTOR: Hedquist Construction, Inc. Casper WY, Engineering America West, Inc. Loveland CO, and Andreen Hunt Construction, Inc Casper WY.
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2008

519. PROJECT: Washakie Rural Water Supply Project
SPONSOR: Washakie Rural Improvement and Service District
LOCATION: Washakie County
PROGRAM: New Construction
APPROPRIATION: $11,263,000
ACTUAL EXPENDITURES: $ 9,879,591
DESCRIPTION: A rural potable water system extending from the Hot Springs County line on the south to the Big Horn County line on the north and encompasses most of the private lands along both sides of the Big Horn River. The project also includes construction of the water transmission and distribution system. Potable water storage tanks and a booster pumping facility were also constructed.
ENGINEER: BRS, Inc.; Riverton, WY
Engineering Associates; Cody, WY
CONTRACTOR: Brandon Construction; Powell, WY
Phase I and II
LAMAX Construction; Basin, WY
Phases II, IV and V
YEAR COMPLETED: 2008
SESSION LAW YEAR: 1999, 2001, 2003, 2004, and 2006

520. PROJECT: Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains-2016
SPONSOR: State of Wyoming
LOCATION: Bighorn, Laramie, Medicine Bow and Sierra Madre Ranges: Albany, Big Horn, Carbon, Converse, Johnson, Laramie, Platte, Natrona, Sheridan, and Washakie Counties
PROGRAM: New Development
APPROPRIATION: $1,447,500.00
ACTUAL EXPENDITURES: $1,393,071.69
DESCRIPTION: Feasibility & Design Studies; Airborne Operations (2019)
CONTRACTOR: Desert Research Institute – Reno, NV; National Center for Atmospheric Research – Boulder, CO; and Weather Modification, Inc. – Fargo, ND
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

521. PROJECT: Weather Modification Medicine Bow Mountains 2019-2020
SPONSOR: State of Wyoming
FUNDING PARTNERS: City of Cheyenne Board of Public Utilities, Jackson County (CO) Water Conservancy District
LOCATION: Medicine Bow and Sierra Madre Mountain Ranges (Wyoming), Never Summer Mountain Range (Colorado)
PROGRAM: New Development
APPROPRIATION: $ 589,000 (State of Wyoming + Admin)

ACTUAL EXPENDITURES: $ 640,061.66 ($523,576.55 WY; $116,485.11 External)
DESCRIPTION: Operational cloud seeding – Winter '19-20
CONTRACTOR: Weather Modification, Inc.; Fargo, ND
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2019

522. PROJECT: Weather Modification – Wind River Mountains
SPONSOR: State of Wyoming
FUNDING PARTNERS: Arizona Department of Water Resources, Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, Utah Department of Natural Resources
LOCATION: Wind River Range, Fremont and Sublette Counties
PROGRAM: New Development
APPROPRIATION: $240,000 (State of Wyoming Cost Share)
ACTUAL EXPENDITURES: $683,649* ($170,912 WY; $512,737 External)
*Includes USBR funded NCAR research as part of project
DESCRIPTION: Operational cloud seeding – Winter '14-15
CONTRACTOR: Weather Modification, Inc, Fargo, ND
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2014

523. PROJECT: Weather Modification – Wind River Mountains 2016
SPONSOR: State of Wyoming
FUNDING PARTNERS: Arizona Department of Water Resources, Central Arizona Project, Colorado River Board of California – Six Agency Committee, and Southern Nevada Water Authority
LOCATION: Wind River Range, Fremont and Sublette Counties
PROGRAM: New Development
APPROPRIATION: $170,000 (State of Wyoming Cost Share)
ACTUAL EXPENDITURES: $475,224.65 ($123,894 WY; $351,331 External)
DESCRIPTION: Operational cloud seeding – Winter '15-16
CONTRACTOR: Weather Modification, Inc., Fargo, ND
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2015

524. PROJECT: Weather Modification - Wind River Mountains 2017
SPONSOR: State of Wyoming
FUNDING PARTNERS: Central Arizona Project, Colorado River Board of California – Six Agency Committee, and Southern Nevada Water Authority
LOCATION: Wind River Range, Fremont and Sublette Counties
PROGRAM: New Development
APPROPRIATION: $160,000 (State of Wyoming Cost Share)
ACTUAL EXPENDITURES: $417,851.44 ($104,462.86 WY; $313,388.58 External)
DESCRIPTION: Operational cloud seeding – Winter '16-17)
CONTRACTOR: Weather Modification, Inc, Fargo, ND
YEAR COMPLETED: 2017
SESSION LAW YEAR: 2016

525. PROJECT: **Weather Modification - Wind River Mountains 2018**

SPONSOR:	State of Wyoming
FUNDING PARTNERS:	Central Arizona Project, Colorado River Board of California – Six Agency Committee, and Southern Nevada Water Authority
LOCATION:	Wind River Range, Fremont and Sublette Counties
PROGRAM:	New Development
APPROPRIATION:	$155,000 (State of Wyoming Cost Share)
ACTUAL EXPENDITURES:	$333,448.15 ($88,362.04 WY; $250,086.11 External)
DESCRIPTION:	Operational cloud seeding – Winter '17-18
CONTRACTOR:	Weather Modification, Inc., Fargo, ND
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2017

526. PROJECT: **Weather Modification - Wind River Mountains 2019**

SPONSOR:	State of Wyoming
FUNDING PARTNERS:	Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, Genesis Alkali, Ciner Wyoming, TATA Chemicals, Solvay Minerals, Rocky Mountain Power.
LOCATION:	Wind River Range, Fremont and Sublette Counties
PROGRAM:	New Development
APPROPRIATION:	$80,000 (State of Wyoming Cost Share + Admin)
ACTUAL EXPENDITURES:	$355,782.02 ($75,782.02 WY; $280,000 External)
DESCRIPTION:	Operational cloud seeding – Winter '18-19
CONTRACTOR:	Weather Modification, Inc.; Fargo, ND
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2018

527. PROJECT: **Weather Modification Wind River Mountains 2019-2020**

SPONSOR:	State of Wyoming
FUNDING PARTNERS:	Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, Genesis Alkali, Ciner Wyoming, Solvay Minerals, Rocky Mountain Power, Green River/Rock Springs/Sweetwater Co. Joint Powers Water Board.
LOCATION:	Wind River Range, Fremont and Sublette Counties
PROGRAM:	New Development
APPROPRIATION:	$ 175,000 (State of Wyoming + Admin)
ACTUAL EXPENDITURES:	$ 460,908 ($170,000 WY; $290,908 External)
DESCRIPTION:	Operational cloud seeding – Winter '19-20
CONTRACTOR:	Weather Modification, Inc.; Fargo, ND
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2019

528. PROJECT: **Westside/Rock Springs Water Supply**

SPONSOR:	City of Green River/City of Rock Springs/Sweetwater County Joint powers Water Board
LOCATION:	Sweetwater County
PROGRAM:	New Development & Rehabilitation
APPROPRIATION:	$450,000 – New Development $625,000 - Rehabilitation
ACTUAL EXPENDITURES:	$450,000 – New Development $600,390-Rehabilitation
DESCRIPTION:	Transmission mains

ENGINEER: Nelson Engineering Inc.; Jackson, WY
CONTRACTOR: Patrick Construction Inc.; Lander, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1998

529. PROJECT: Wheatland – Black Mountain Water Supply
SPONSOR: Town of Wheatland
LOCATION: Platte County
PROGRAM: New Development
APPROPRIATION: $100,000
ACTUAL EXPENDITURES: $ 99,455
DESCRIPTION: Drilling Black Mountain No. 3 well
ENGINEER: Wester-Wetstein & Associated, Inc.; Laramie, WY
CONTRACTOR: D.C. Drilling Co.; Lusk, WY
YEAR COMPLETED 2004
SESSION LAW YEAR 2003

530. PROJECT: Wheatland Black Mountain II Water Supply Project
SPONSOR: Town of Wheatland
LOCATION: Platte County
PROGRAM: New Development
APPROPRIATION: $222,440
ACTUAL EXPENDITURES: $222,440
DESCRIPTION: Pump, pump house, transmission line
ENGINEER: Wester-Wetstein & Associates; Laramie, WY
CONTRACTOR: Edward Halley, LLC, Torrington; WY
YEAR COMPLETED: 2009
SESSION LAW YEAR: 2007

531. PROJECT Wheatland Irrigation District Laramie River Diversion Improvements
SPONSOR: Wheatland Irrigation District
LOCATION: Platte County
PROGRAM: Rehabilitation
APPROPRIATION: $456,500
ACTUAL EXPENDITURES: $384,638
DESCRIPTION: Headgate structure replacement, automation
ENGINEER: Kennedy Engineering; Wheatland, WY
CONTRACTOR: Foster Construction; Riverton, WY
Sutron Corporation; Sterling, VA
DATE COMPLETED: 2002
SESSION LAW DATE: 1997

532. PROJECT: Wheatland Irrigation District Rehabilitation 2015
SPONSOR: Wheatland Irrigation District
LOCATION: Platte
PROGRAM: Rehabilitation
APPROPRIATION: $874,350
ACTUAL EXPENDITURES: $313,810
DESCRIPTION: Dam outlet works rehabilitation

ENGINEER:	Anderson Consulting Engineers, Fort Collins, CO
CONTRACTOR:	71 Construction, Casper, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2015

533. PROJECT: Wheatland No. 7 Well

SPONSOR:	Town of Wheatland
LOCATION:	Platte County
PROGRAM:	New Development
APPROPRIATION:	$ 502,500
ACTUAL EXPENDITURES:	$ 349,457
DESCRIPTION:	Design and construction of new well and connection.
ENGINEER:	Wester-Wetstein & Associates, Laramie, WY
CONTRACTOR (Well)	Charles Sargent Irrigation, Inc., Broken Bow, NE
CONTRACTOR (Connection)	High Plains Construction, Inc., Casper, WY
YEAR COMPLETED:	2017
SESSION LAW YEAR:	2015

534. PROJECT: Wheatland Pipelines

SPONSOR:	Town of Wheatland
LOCATION:	Platte County
PROGRAM:	New Development
APPROPRIATION:	$522,600
ACTUAL EXPENDITURES:	$492,481
DESCRIPTION:	New Transmission pipeline
ENGINEER:	Engineering Associates; Laramie, WY
CONTRACTOR:	Mountain View Builders Inc.; Sheridan, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2016

535. PROJECT: Wheatland Rehabilitation 2011

SPONSOR:	Wheatland Irrigation District
LOCATION:	Platte County
PROGRAM:	Rehabilitation
APPROPRIATION:	$723,600
ACTUAL EXPENDITURES:	$583,690
DESCRIPTION:	King and Dutton reservoir outlets works, Deadhead Wasteway rehabilitation
ENGINEER:	Anderson Consulting Engineers, Ft. Collins, CO
CONTRACTOR:	Dietzler Construction, Yoder, WY, Norb Olind Construction; Wheatland, WY
YEAR COMPLETED:	2016
SESSION LAW YEAR:	2011

536. PROJECT: Wheatland Re-regulating Reservoirs

SPONSOR:	Wheatland Irrigation District
LOCATION:	Platte, Albany, Carbon County
PROGRAM:	Rehabilitation
APPROPRIATION:	$150,080
ACTUAL EXPENDITURES:	$ 74,591
DESCRIPTION:	Gudahl Res., automate gate on Lower No. 1 Canal

	ENGINEER:	States West Water Resources, Cheyenne, WY
	MATERIALS:	Rubicon Systems America; Loveland, CO
	YEAR COMPLETED:	2010
	SESSION LAW YEAR:	2006
537.	**PROJECT:**	**Wheatland Reservoir No. 1**
	SPONSOR:	Wheatland Irrigation District
	LOCATION:	Platte County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$392,000
	ACTUAL EXPENDITURES:	$ 80,288
	DESCRIPTION:	Dam rehabilitation
	ENGINEER:	States West Water Resources Corp.; Cheyenne, WY
	CONTRACTOR:	Lamax Construction; Basin, WY
	DATE COMPLETED:	1994
	SESSION LAW DATE:	1992
538.	**PROJECT:**	**Wheatland Sand Lake Dam/Canon Canal Rehab.**
	SPONSOR:	Wheatland Irrigation District
	LOCATION:	Platte County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$632,000
	ACTUAL EXPENDITURES:	$525,448
	DESCRIPTION:	Canal lining, new outlet, spillway on Sand Lake Dam
	ENGINEER:	Inberg-Miller Engineers, Inc.; Casper, WY
	CONTRACTOR:	Three Sons, LLC, Hanna, WY
	DATE COMPLETED:	2003
	SESSION LAW DATE:	1998
539.	**PROJECT:**	**Wheatland Water Supply**
	SPONSOR:	Town of Wheatland
	LOCATION:	Platte County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$222,000
	ACTUAL EXPENDITURES:	$203,916
	DESCRIPTION:	Construction of a new well, installation of new storage facilities and piping to connect the improvements to the Town's water system.
	ENGINEER:	Kennedy Engineering, Wheatland, WY
	CONTRACTOR:	Scott & Son, Inc., Torrington, WY
	YEAR COMPLETED:	2003
	SESSION LAW YEAR:	2001
540.	**PROJECT:**	**Wheatland Wells 2017**
	SPONSOR:	Town of Wheatland
	LOCATION:	Platte County
	PROGRAM:	New Development
	APPROPRIATION:	$994,950
	ACTUAL EXPENDITURES:	$864,923.62
	DESCRIPTION:	Installation and connection of two new wells

ENGINEER: Engineering Associates, Laramie, WY
CONTRACTOR: D.C. Drilling, Inc., Lusk, WY & High Plains Construction, Casper, WY
YEAR COMPLETED: 2020
SESSION LAW YEAR: 2017

541. PROJECT: Wild Rose Water Supply
SPONSOR: Wild Rose Service and Improvement District
LOCATION: Sheridan County
PROGRAM: Rehabilitation
APPROPRIATION: $126,000
ACTUAL EXPENDITURES: $126,000
DESCRIPTION: Canal, pipeline, reservoir
ENGINEER: Centennial Engineering, Sheridan, WY
CONTRACTOR: Fletcher Construction, Sheridan, WY
YEAR COMPLETED: 1987
SESSION LAW YEAR: 1987

542. PROJECT: Willwood Dam Rehabilitation
SPONSOR: Willwood Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $480,000
ACTUAL EXPENDITURES: $305,111
DESCRIPTION: Dam repairs
ENGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Cop Construction, Billings, MT
YEAR COMPLETED: 1992
SESSION LAW YEAR: 1990

543. PROJECT: Willwood Dam Rehabilitation
SPONSOR: Willwood Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,620,000
ACTUAL EXPENDITURES: $1,106,280
DESCRIPTION: Replacement of multiple gates, controls, automation, and power backup at existing dam structure
ENGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Sletten Construction, Cody, WY
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2012

544. PROJECT: Willwood Irrigation District Rehabilitation 2014
SPONSOR: Willwood Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $164,000
ACTUAL EXPENDITURES: $122,870
DESCRIPTION: Automate Gates on Willwood Draw Check & Spillway

ENGINEER:	Sage Civil Engineering, Cody, WY
CONTRACTOR:	Willwood Irrigation District
MATERIALS:	Rubicon Systems America, Fort Collins, CO
YEAR COMPLETED:	2015
SESSION LAW YEAR:	2014

545. PROJECT: Willwood Irrigation District Rehabilitation 2016

SPONSOR:	Willwood Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$533,000
ACTUAL EXPENDITURES:	$260,381
DESCRIPTION:	Converting segment of ditch to buried pipe
ENGINEER:	Engineering Associates, Cody, WY
CONTRACTOR:	J&E Irrigation, Basin, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

546. PROJECT: Willwood Rehabilitation 2009

SPONSOR:	Willwood Irrigation District
LOCATION:	Park and Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$284,000
ACTUAL EXPENDITURES:	$112,015
DESCRIPTION:	Replace ditch with buried pipe on Lateral 131
ENGINEER:	Engineering Associates, Inc, Cody, WY
MATERIALS:	J&E Irrigation, Inc., Basin, WY
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2009

547. PROJECT: Willwood Rehabilitation 2010

SPONSOR:	Willwood Irrigation District
LOCATION:	Park and Big Horn County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,500,000
ACTUAL EXPENDITURES:	$1,326,905
DESCRIPTION:	Replace ditch with buried pipe on Lateral 84
ENGINEER:	Sage Civil Engineering, Cody, WY
MATERIALS:	Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2010, 2011

548. PROJECT: Wind River Irrigation

SPONSOR:	Eastern Shoshone and Northern Arapaho Tribes
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$3,500,000
ACTUAL EXPENDITURES:	$3,467,834
DESCRIPTION:	Rehabilitation

ENGINEER:	Various
CONTRACTOR:	Various
YEAR COMPLETED:	2004
SESSION LAW YEAR:	2015

549. PROJECT: **Wind River Irrigation Rehabilitation 2015**

SPONSOR:	Eastern Shoshone and/or Northern Arapaho Tribes through the Office of the Tribal Engineer
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,482,121
ACTUAL EXPENDITURES:	$1,327,464
DESCRIPTION:	Various Irrigation Rehab Projects
ENGINEER:	Multiple
CONTRACTOR:	Multiple
YEAR COMPLETED:	2021

550. PROJECT: **Worland Eastside Transmission Line**

SPONSOR:	City of Worland
LOCATION:	Washakie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$2,650,000
ACTUAL EXPENDITURES:	$1,630,335
DESCRIPTION:	Construction of a water pipeline.
ENGINEER:	Donnell & Allred, Inc. Worland WY
CONTRACTOR:	Ahanu Construction, Inc. Billings MT
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2009

551. PROJECT: **Wright Water Supply**

SPONSOR:	Town of Wright
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$450,000
ACTUAL EXPENDITURES:	$231,591
DESCRIPTION:	Well, pipeline
ENGINEER:	J.M. Montgomery, Laramie, WY
CONTRACTOR:	Larry's Inc., Gillette, WY
YEAR COMPLETED:	1989
SESSION LAW YEAR:	1987

552. PROJECT: **Wright Water Supply**

SPONSOR:	Wright Water and Sewer District
LOCATION:	Campbell County
PROGRAM:	Rehabilitation
APPROPRIATION:	$50,000
ACTUAL EXPENDITURES:	$50,000
DESCRIPTION:	Well and pipe rehabilitation
ENGINEER:	Bruce Engineering, Gillette, WY
CONTRACTOR:	Weston Groundwater Engineering, Upton, WY
YEAR COMPLETED:	1999
SESSION LAW YEAR:	1997

553. PROJECT: **Wright Water Supply 2011**

SPONSOR:	Wright Water & Sewer District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$1,809,000
ACTUAL EXPENDITURES:	$1,263,034
DESCRIPTION:	RJ-3 well house / RJ-7 well connection, transmission pipeline
ENGINEER:	HDR, Gillette, WY
CONTRACTOR:	Construction Dynamics, Casper, WY / DRM, Gillette, WY
YEAR COMPLETED:	2014
SESSION LAW YEAR:	2011/2012

554. PROJECT: **Wright Well and Pipeline**

SPONSOR:	Wright Water & Sewer District
LOCATION:	Campbell County
PROGRAM:	New Development
APPROPRIATION:	$600,000
ACTUAL EXPENDITURES:	$330,805
DESCRIPTION:	Installation of well pumping equipment, control building, SCADA controls and transmission pipelines.
ENGINEER:	Stetson Engineering, Inc.
CONTRACTOR:	Hot Iron, Inc.
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2002

555. PROJECT: **Yoder Water Supply**

SPONSOR:	Town of Yoder
LOCATION:	Goshen County
PROGRAM:	New Development
APPROPRIATION:	$577,200
ACTUAL EXPENDITURES:	$433,391
DESCRIPTION:	Pump facilities and transmission pipeline
ENGINEER:	Banner Associates, Laramie, WY
CONTRACTOR:	Interstate Irrigation, Yuma, CO
DATE COMPLETED:	1996
SESSION LAW DATE:	1990, 1991

556. PROJECT: **Yoder Water Supply**

SPONSOR:	Town of Yoder
LOCATION:	Goshen County
PROGRAM:	New Development
APPROPRIATION:	$180,000
ACTUAL EXPENDITURES:	$179,232
DESCRIPTION:	Completion of Level II well and connection to water supply system
ENGINEER:	Camp Creek Engineering, Laramie, WY
CONTRACTOR:	Goshen County Construction, Torrington, WY
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2011

557. PROJECT: **Yoder Water Well**

SPONSOR:	Town of Yoder
LOCATION:	Goshen County
PROGRAM:	New Development
APPROPRIATION:	$30,000
ACTUAL EXPENDITURES:	$14,722
DESCRIPTION:	Drilled a well
ENGINEER:	Wells Engineering, Lusk, WY
CONTRACTOR:	Midwest Farm Service, Scottsbluff, NE
DATE COMPLETED:	1987
SESSION LAW DATE:	1986