

# 2023 LEGISLATIVE REPORT

2023 August Summer Tour  
Cody/Powell, Wyoming



## WYOMING WATER DEVELOPMENT COMMISSION

**2023 LEGISLATIVE REPORT  
WYOMING WATER DEVELOPMENT PROGRAM**

**Wyoming Water Development Commission (029)  
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**December 2023**

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**2023 LEGISLATIVE REPORT**  
**Table of Contents**

<b>Chapter 1 – Wyoming Water Development Program</b>	<b>Page</b>
I. Introduction.....	1-1
II. Duties and Responsibilities.....	1-1
III. Program Funding .....	1-6
IV. Program Operations. ....	1-8
V. Program Evolution.....	1-9
<b>Chapter 2 – Legislative Program</b>	
I. Program Development Process.....	2-1
II. 2024 Preliminary Funding Recommendations.....	2-2
III. Financial Status Reports .....	2-5
IV. Anticipated Remaining Funding after the 2024 Session.....	2-8
<b>Chapter 3 – Active Project Reports</b>	
1. Alkali Creek Reservoir .....	3-1
2. Arapahoe Pipeline and Tank.....	3-2
3. Arapahoe Water Supply 2016.....	3-2
4. Austin-Wall Reservoir Rehabilitation 2019.....	3-3
5. Big Horn Canal Adobe Check Structure 2022.....	3-5
6. Big Horn Regional Transmission 2020.....	3-5
7. Big Sandy Reservoir Enlargement.....	3-6
8. Big Wind River Storage Study, Phase II .....	3-6
9. Broken Wheel Ranch Water Supply 2017 .....	3-8
10. Buffalo Wells and Transmission 2019.....	3-8
11. CAID Lateral 256 Drop Structure 2023.....	3-9
12. Casper Alcova Irrigation District Master Plan.....	3-9
13. Central Wyoming Regional Water System Well Field Study.....	3-10
14. Cheyenne Transmission, Pump Station & Tank 2020 .....	3-11
15. Clarks Fork/Upper Shoshone Watershed Study.....	3-11
16. Clear Creek Storage .....	3-12
17. Clearmont Well Connection 2019 .....	3-14
18. Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2023 (Aerial).....	3-15
19. Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2024 (Aerial).....	3-16
20. Cloud Seeding Operations Hydrological Assessment Medicine Bow & Sierra Madre Mountain Ranges .....	3-17
21. Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2023 (Ground-Based) ...	3-17
22. Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2024 (Ground Based)....	3-18
23. Cody Canal Rehabilitation.....	3-19
24. Cody Canal Rehabilitation 2019.....	3-20
25. Cottonwood Irrigation District Transmission Pipeline 2020 .....	3-21
26. Cottonwood Irrigation District Transmission Pipeline 2022 .....	3-21
27. Critical Aging Irrigation Infrastructure Assessment.....	3-22
28. Crystal Bypass Pipeline 2022 .....	3-23
29. Dayton Water Master Plan.....	3-23
30. Deaver ID Rehabilitation 2022 .....	3-24
31. Deaver Irrigation District Frannie Canal Drop Chute #1 2020.....	3-24
32. Douglas Test Well Study .....	3-24
33. Dowlin Diversion Rehabilitation .....	3-25
34. Dry Creek Irrigation District Pipeline Replacement 2020.....	3-26

35.	Dry Creek Irrigation District Pipeline Replacement 2022 .....	3-27
36.	Eden Valley Irrigation District Farson Lateral 2020 .....	3-27
37.	Eden Valley Irrigation District System Improvements 2019.....	3-28
38.	Enterprise Watershed Improvement District Canal Lining 2020.....	3-29
39.	Enterprise WID Calvert Lateral Rehabilitation 2023 .....	3-29
40.	Ethete Water Supply .....	3-30
41.	Evanston Transmission Pipeline 2022 .....	3-31
42.	Fontenelle Dam & Outworks Infrastructure Completion .....	3-31
43.	Fontenelle Reservoir Storage.....	3-33
44.	Gillette Madison Pipeline .....	3-34
45.	Gillette Regional Extensions 2017.....	3-36
46.	Gillette Regional Extensions Phase IV – 2018 .....	3-36
47.	Gillette Regional Extensions Phase V – 2020 .....	3-37
48.	Gillette Regional Extensions Phase VI – 2022 .....	3-38
49.	Glendo Reservoir Full Utilization Project .....	3-38
50.	Glendo Water Master Plan .....	3-40
51.	Glenrock Transmission Pipeline 2020 .....	3-40
52.	Goshen ID 29.4 Pipeline Project Phase II 2022.....	3-41
53.	Goshen ID 56.0 Pipeline Phase I 2023 .....	3-42
54.	Goshen ID Tunnel Rehabilitation 2022 .....	3-42
55.	Goshen Irrigation District Master Plan .....	3-43
56.	GR-RS-SC JPWB Eastside Zone Study .....	3-44
57.	GR-RS-SC JPWB Pump Station 2019.....	3-45
58.	Green River/Little Snake River Basins Conveyance Loss Study .....	3-45
59.	Groundwater Studies.....	3-46
60.	Guernsey Transmission Pipeline 2020.....	3-47
61.	GVID Upper Sunshine Outlet Works Rehab .....	3-47
62.	Happy Valley Water Transmission and Storage 2023 .....	3-48
63.	Heart Mountain ID Lateral R4S 2023.....	3-48
64.	Highland Hanover ID System Improvements 2022.....	3-49
65.	Highland Irrigation District Master Plan .....	3-50
66.	Hoback River Watershed Study.....	3-51
67.	Interstate Diversion Structure Rehabilitation 2019.....	3-52
68.	Interstate I&R ID Canal Phase III 2023.....	3-52
69.	Interstate Irrigation and Reservoir Irrigation District Improvements 2021 .....	3-53
70.	Kirby Ditch Irrigation District Pipeline 2020 .....	3-54
71.	LaGrange Groundwater Supply & Improvements .....	3-54
72.	Lakeview ID Rock Creek Siphon 2023 .....	3-55
73.	Lakeview Irrigation District Rehabilitation .....	3-55
74.	Lander Storage Tanks and Pump Station 2019.....	3-56
75.	Lander Water Master Plan .....	3-57
76.	Lander Well & Transmission Pipeline 2021.....	3-58
77.	LaPrele Irrigation District Rehabilitation .....	3-59
78.	Laramie North Side Tank .....	3-61
79.	Laramie Valley Diversion Structure 2020 .....	3-62
80.	Leavitt Reservoir Expansion.....	3-62
81.	Little Snake River Valley Water Supply, Phase II.....	3-64
82.	Little Wind River Storage.....	3-65
83.	Lovell Moncur Lateral Phase II 2022 .....	3-66
84.	Melody Ranch Water System Improvements 2018 .....	3-67
85.	Middle Piney Reservoir .....	3-67

86.	Midvale Wyoming Canal Phase I 2023 .....	3-69
87.	New Fork Lake Dam Enlargement .....	3-69
88.	Newcastle Water Master Plan .....	3-70
89.	Newcastle Water System Improvements 2020 .....	3-71
90.	Newcastle Well 2018 .....	3-72
91.	Nordic Ranches Water Master Plan .....	3-73
92.	Northwest Rural Water System Improvements 2020 .....	3-74
93.	Northwest Rural Water System Improvements 2021 .....	3-74
94.	Northwest Rural Water System Improvements 2022 .....	3-75
95.	Nowood River Storage – Meadowlark Lake.....	3-75
96.	Orchard Valley Water Master Plan.....	3-77
97.	Owl Creek Irrigation District System Improvements 2022 .....	3-77
98.	Pavillion Groundwater Supply.....	3-78
99.	Ranchester Water Master Plan.....	3-79
100.	Rawlins Water Master Plan .....	3-79
101.	River Basin Planning – NHD Plus HR and StreamStats .....	3-80
102.	Riverton Regional Water Master Plan .....	3-81
103.	Riverton Valley Irrigation District Rehabilitation 2018 .....	3-82
104.	Rock Creek & Trail Ridge Creek Instream Flows 2020.....	3-82
105.	Salt Creek Transmission Pipeline 2021 .....	3-84
106.	Sheridan Area Water Supply Transmission 2020 .....	3-84
107.	Sheridan Supplemental Storage .....	3-85
108.	Sheridan Transmission Main Extension 2023 .....	3-86
109.	Shoshone Irrigation District Improvements 2021 .....	3-87
110.	Shoshone Irrigation District Rehabilitation 2019 .....	3-87
111.	Shoshoni Groundwater Supply & Transmission.....	3-88
112.	Sidon Irrigation District Master Plan.....	3-89
113.	Sidon Irrigation District Rehabilitation 2021 .....	3-89
114.	Sidon Irrigation District Sidon Canal 2020 .....	3-90
115.	Silver Lake Dam Rehabilitation.....	3-90
116.	Small Water Development Projects .....	3-91
117.	South End Water Users ISD Pipeline 2023 .....	3-96
118.	Sponsor’s Contingency Funds-Accounts I, II and III .....	3-96
119.	State Water Plan.....	3-97
120.	Statewide Water Research .....	3-100
121.	Tillard Canal Master Plan .....	3-101
122.	Torrington Well Connection 2021 .....	3-101
123.	Upton Water Master Plan .....	3-102
124.	Wardwell Water Master Plan.....	3-102
125.	West Afton/Nield String Master Plan .....	3-103
126.	West Fork Reservoir (Little Snake Supplemental Storage).....	3-104
127.	Wheatland Water Master Plan .....	3-105
128.	Willwood Irrigation District Rehabilitation.....	3-107
129.	Wind River Inter-Tribal Council Rehabilitation 2019.....	3-107

**Chapter 4 - Completed Project Reports**

	Completed Planning (Level I and II) Projects .....	4-1
	Completed Planning Instream Flow (Level I) Projects.....	4-7
	Completed Construction (Level III) Projects.....	4-10
1.	33 Mile Pump Station .....	4-10
2.	Afton Springs Water Supply .....	4-10

3.	Afton Water Supply .....	4-10
4.	Afton Well .....	4-10
5.	Airport Bench Water Supply .....	4-11
6.	Albin 2005 Well.....	4-11
7.	Albin Pipelines and Well Rehabilitation.....	4-11
8.	Alpine Raw Water .....	4-11
9.	Alpine Water Supply.....	4-12
10.	Alpine Water Supply.....	4-12
11.	Alpine Wells Rehabilitation.....	4-12
12.	Alta/Targhee Towne Water Supply .....	4-12
13.	American Road Water Supply Project.....	4-13
14.	Antelope Valley Regional Connection .....	4-13
15.	Antelope Valley Storage Facility.....	4-13
16.	Antelope Valley Water Supply .....	4-13
17.	Arapahoe Water Supply .....	4-14
18.	Austin-Wall Canal Rehabilitation Phase I .....	4-14
19.	Baggs Raw Water and Dedicated Transmission Line.....	4-14
20.	Baggs Water Supply .....	4-14
21.	Bairoil Water Supply .....	4-15
22.	Basin Area Water Supply (formerly Manderson Water Supply)/Basin Gardens Water.....	4-15
23.	Basin Storage Tank.....	4-15
24.	Basin Water Supply .....	4-16
25.	Bear River/Evanston Regional Pipeline.....	4-16
26.	Bedford Water Supply .....	4-16
27.	Bedford Water Tank .....	4-16
28.	Big Horn Basin Rural Water Supply .....	4-17
29.	Big Horn Canal Improvements .....	4-17
30.	Big Horn Canal Irrigation District Wasteway / Check /Replacement 2020 .....	4-17
31.	Big Horn Canal Lining.....	4-17
32.	Big Horn Canal Rehabilitation 2009.....	4-18
33.	Big Horn Canal Rehabilitation 2012.....	4-18
34.	Big Horn Canal Underway.....	4-18
35.	Big Horn Canal Wasteway Rehabilitation 2019 .....	4-18
36.	Big Horn Regional Joint Powers Board Pipeline.....	4-19
37.	Big Horn Regional Well Connection.....	4-19
38.	Big Horn Spillway Improvement.....	4-19
39.	Big Piney Water Supply.....	4-19
40.	Big Piney Water Supply Project .....	4-20
41.	Bluff/Upper Bluff System Improvements 2019.....	4-20
42.	Boulder Irrigation District.....	4-20
43.	Bridger Valley Big Hill Transmission Line.....	4-20
44.	Bridger Valley Intake Structure Rehabilitation .....	4-21
45.	Bridger Valley Pipeline.....	4-21
46.	Brooks Hat Six Water Supply.....	4-21
47.	Buffalo Bill Dam and Reservoir .....	4-21
48.	Buffalo Hydropower .....	4-22
49.	Buffalo Main Street Pipeline .....	4-22
50.	Buffalo Municipal Reservoir .....	4-22
51.	Buffalo Northwest Pipeline .....	4-22
52.	Buffalo Pipeline .....	4-23
53.	Buffalo Raw Water Supply.....	4-23



54.	Buffalo South Loop Pipeline .....	4-23
55.	Buffalo Tank Valve .....	4-23
56.	Buffalo Valley Water Supply.....	4-24
57.	Buffalo Water Storage Tank.....	4-24
58.	Buffalo Water Supply .....	4-24
59.	Burlington Water Supply .....	4-24
60.	Burns Storage Tank.....	4-25
61.	Burns Well Connection.....	4-25
62.	Byron Raw Water Supply .....	4-25
63.	Cambria Tank .....	4-25
64.	Canyon Water Supply .....	4-26
65.	Carpenter Water Supply.....	4-26
66.	Casper Alcova.....	4-26
67.	Casper Alcova Ditch Rehabilitation .....	4-26
68.	Casper Alcova Irrigation District Underdrain 2018.....	4-27
69.	Casper Alcova Rehabilitation 2009 .....	4-27
70.	Casper Alcova Rehabilitation 2010 .....	4-27
71.	Casper Alcova Rehabilitation 2015 .....	4-27
72.	Casper Alcova Rehabilitation 2016 .....	4-28
73.	Casper Alcova Tunnel Rehabilitation.....	4-28
74.	Casper CY Booster Station Replacement 2017 .....	4-28
75.	Casper Effluent Water Supply .....	4-28
76.	Casper Paradise Valley Pipeline .....	4-29
77.	Casper Poplar Transmission Pipeline .....	4-29
78.	Casper Raw Water Irrigation Supply Project.....	4-29
79.	Casper Raw Water Supply .....	4-29
80.	Casper Raw Water Supply II .....	4-30
81.	Casper Rock Creek Dam Rehabilitation .....	4-30
82.	Casper Zone 3 Improvements .....	4-30
83.	Casper Zone II .....	4-30
84.	Casper Zone II – Phase II.....	4-31
85.	Casper Zone III .....	4-31
86.	Casper Zone IV Improvements .....	4-31
87.	Centennial Water Supply .....	4-31
88.	Centennial Water Supply .....	4-32
89.	Central Wyoming Regional Elevated Tank .....	4-32
90.	Central Wyoming Regional Zone II B.....	4-32
91.	Chamberlin Reservoir .....	4-32
92.	Cheyenne’s Granite Dam Spillway Improvements.....	4-33
93.	Cheyenne King II Storage Facility .....	4-33
94.	Cheyenne R.L. Sherard Water Treatment Plant.....	4-33
95.	Cheyenne Raw Water Supply .....	4-33
96.	Cheyenne Raw Water Supply #2 .....	4-33
97.	Cheyenne South Crow Dam Water Supply Rehabilitation Project.....	4-34
98.	Cheyenne Southern Pipeline .....	4-34
99.	Cheyenne Southern Pipeline-Phase III .....	4-34
100.	Cheyenne Stage I Rehabilitation.....	4-34
101.	Cheyenne Supply Pipeline .....	4-35
102.	Cheyenne Upper North Crow Reservoir.....	4-35
103.	Cheyenne Water (Stage II).....	4-35
104.	Cheyenne Water (Stage II).....	4-35

105.	Cheyenne Well Rehabilitation .....	4-36
106.	Chugwater Water Supply .....	4-36
107.	Chugwater Water Supply .....	4-36
108.	Clearview Water Supply .....	4-37
109.	Cloud Seeding Medicine Bow Mountains 2020-2021 .....	4-37
110.	Cloud Seeding Medicine Bow Mountains 2021-2022 .....	4-37
111.	Cloud Seeding Wind River Mountains 2020-2021 .....	4-37
112.	Cloud Seeding Wind River Mountains 2021-2022 .....	4-38
113.	Cody Area Water Supply (Valley View) .....	4-38
114.	Cody Canal Chute.....	4-38
115.	Cody Canal Drop Structure.....	4-38
116.	Cody Canal Rehabilitation.....	4-39
117.	Cody Canal Rehabilitation 2013 .....	4-39
118.	Cody Raw Water.....	4-39
119.	Cody Tank 2017.....	4-39
120.	Cody West Transmission Pipeline .....	4-40
121.	Cokeville Tri-Diversion Dam .....	4-40
122.	Cokeville Water Supply .....	4-40
123.	Collins Heights Water Supply .....	4-40
124.	Cook Road Water Supply .....	4-41
125.	Cook Road Well.....	4-41
126.	Cottonwood Irrigation District Pipeline Replacement.....	4-41
127.	Cowley Tank 2017.....	4-41
128.	Cowley Transmission Pipeline .....	4-42
129.	Crestview Water Supply .....	4-42
130.	Crystal-Granite Dam Rehabilitation .....	4-42
131.	Dayton Groundwater.....	4-42
132.	Dayton Water Supply Rehabilitation.....	4-43
133.	Deaver Canal Rehabilitation .....	4-43
134.	Deaver Flume Rehabilitation .....	4-43
135.	Deaver Flume Rehabilitation II .....	4-43
136.	Deaver Irrigation District Flume Replacement/Laterals 2017 .....	4-44
137.	Deaver Irrigation District Rehabilitation 2018 .....	4-44
138.	Deaver Irrigation District Rehabilitation 2019 .....	4-44
139.	Deaver Rehabilitation 2009 .....	4-44
140.	Deaver Transmission Pipeline .....	4-45
141.	Dixon Water Supply .....	4-45
142.	Douglas Area Water Supply .....	4-45
143.	Douglas Box elder Spring.....	4-46
144.	Douglas Intake Structure.....	4-46
145.	Douglas Water Supply Project.....	4-46
146.	Downer Neighborhood Water Supply .....	4-46
147.	Dubois SCADA .....	4-47
148.	Dubois Water Supply.....	4-47
149.	Dubois Water Supply.....	4-47
150.	Dubois Well Acquisition .....	4-47
151.	Dubois Well No. II Supply .....	4-48
152.	Dull Knife Reservoir Spillway Rehabilitation .....	4-48
153.	Dry Creek Irrigation District Pipeline Replacement 2017 .....	4-48
154.	Dry Creek Irrigation District Rehabilitation 2019 .....	4-48
155.	Eastern Shoshone Boulder Flats Well Field .....	4-49

156.	Eden Valley Farson Project .....	4-49
157.	Eden Valley Irrigation District Rehabilitation-Phase I .....	4-49
158.	Eden Valley Rehabilitation 2009 .....	4-49
159.	Eden Valley Rehabilitation 2011 .....	4-50
160.	Edgerton/Midwest Water Supply.....	4-50
161.	Eight Mile/High Plains Well.....	4-50
162.	Elk Mountain Water Supply .....	4-50
163.	Encampment Raw Water Line .....	4-51
164.	Encampment Water.....	4-51
165.	Encampment Water Supply .....	4-51
166.	Etna Diversion Dam.....	4-51
167.	Etna Storage Tank 2019.....	4-52
168.	Etna Water Supply .....	4-52
169.	Evanston Raw Water Supply .....	4-52
170.	Evansville Elkhorn Creek Water Supply .....	4-52
171.	Evansville Emergency Connection .....	4-53
172.	Evansville Water Supply.....	4-53
173.	Fairview Water Supply .....	4-53
174.	Fairview Water Supply .....	4-53
175.	Farview Water Supply .....	4-54
176.	Fayette Irrigation District.....	4-54
177.	Fayette Irrigation Rehabilitation .....	4-54
178.	Ferris Diversion Dam Rehabilitation .....	4-54
179.	Fontenelle Dam Repair .....	4-55
180.	Fort Laramie Storage Tank .....	4-55
181.	Freedom Water Supply .....	4-55
182.	Fremont Lake Reservoir .....	4-55
183.	Gillette Central Zone Isolation Project .....	4-55
184.	Gillette Fort Union Well Field.....	4-56
185.	Gillette Fort Union Well Field – Phase I .....	4-56
186.	Gillette Fort Union Wells.....	4-56
187.	Gillette Hidden Valley Storage and Transmission.....	4-56
188.	Gillette Madison and Pine Ridge Tanks .....	4-57
189.	Gillette Madison Pipeline Joint Bonding .....	4-57
190.	Gillette Madison Well Field Expansion.....	4-57
191.	Gillette Pipeline Project .....	4-57
192.	Gillette Regional Extensions .....	4-58
193.	Gillette Regional Extensions – Phase II.....	4-58
194.	Gillette Rehabilitation.....	4-58
195.	Gillette Storage & East End Transmission Improvements .....	4-59
196.	Glendo Well.....	4-59
197.	Glenrock Groundwater Supply .....	4-59
198.	Glenrock Sunup Ridge Tank Rehabilitation .....	4-59
199.	Glenrock Tank Rehabilitation.....	4-60
200.	Glenrock Transmission Pipeline .....	4-60
201.	Glenrock Transmission Pipeline 2017 .....	4-60
202.	Glenrock Transmission Pipeline 2018 .....	4-60
203.	Glenrock Water Supply.....	4-60
204.	Glenrock Well.....	4-61
205.	Gooseberry Rehabilitation .....	4-61
206.	Goshen Canal Improvements.....	4-61

207.	Goshen Irrigation District Check Structure 2018 .....	4-61
208.	Goshen Irrigation District - Guernsey Spillway Rehabilitation .....	4-62
209.	Goshen Irrigation District Rehabilitation .....	4-62
210.	Goshen Irrigation District Rehabilitation 2013 .....	4-62
211.	Goshen Irrigation District Rehabilitation 2017 .....	4-62
212.	Goshen Irrigation District Water System .....	4-63
213.	Goshen Pump Station .....	4-63
214.	Goshen Rehabilitation 2009 .....	4-63
215.	Goshen Rehabilitation 2011 Project .....	4-64
216.	GR/RS/SC JPWB Raw Water Reservoir .....	4-64
217.	Granger Water Storage Project .....	4-64
218.	Green River/Rock Springs Water Treatment Plant .....	4-64
219.	Green River Supply Canal Rehabilitation .....	4-65
220.	Greybull Crossing and Tank Project .....	4-65
221.	Greybull Highway 14 Crossing .....	4-65
222.	Greybull Pipeline and Well Improvements Project .....	4-65
223.	Greybull Rehabilitation .....	4-66
224.	Greybull Shell Water Supply/Greybull Groundwater .....	4-66
225.	Greybull Transmission Pipeline .....	4-66
226.	Greybull Valley Dam and Reservoir .....	4-66
227.	Greybull Valley ID Hydroelectric .....	4-67
228.	Grover Water Supply .....	4-67
229.	Guernsey Water Supply .....	4-67
230.	Gunbarrel Lateral Rehabilitation .....	4-67
231.	GVID Upper Sunshine Diversion .....	4-68
232.	Hanover Flume Rehabilitation .....	4-68
233.	Hanover Irrigation .....	4-68
234.	Hanover Irrigation District Cottonwood Spill/Check Replacement 2018 .....	4-68
235.	Hartville Water Supply .....	4-69
236.	Hawk Springs .....	4-69
237.	Heart Mountain ID Rehabilitation 2017 .....	4-69
238.	Heart Mountain Irrigation District Rattlesnake Liner Replacement .....	4-69
239.	Heart Mountain Lining .....	4-70
240.	Heart Mountain Pipe Conversion .....	4-70
241.	Heart Mountain Rehabilitation .....	4-70
242.	Heart Mountain Rehabilitation 2010 .....	4-70
243.	High Meadow Ranch Well, Tank and Pipeline 2017 .....	4-71
244.	Hidden Valley .....	4-71
245.	Highland Hanover Rehabilitation .....	4-71
246.	Highline Canal .....	4-71
247.	Highline Ditch Rehabilitation .....	4-72
248.	Highline Irrigation Ditch Rehabilitation .....	4-72
249.	High Savery Dam and Reservoir .....	4-72
250.	Hill Irrigation District - Guernsey Spillway Rehabilitation .....	4-72
251.	Hopkins Producers Supply .....	4-73
252.	Horse Creek Conservation District Rehabilitation .....	4-73
253.	Hudson Water Supply .....	4-73
254.	Hugus-Mullison Ditch (Hugus Ditch) .....	4-74
255.	Hulett Water Supply .....	4-74
256.	Hunt Canal Rehabilitation .....	4-74
257.	Hyattville Water Supply Project .....	4-74

258.	Indian Paintbrush Water Supply .....	4-75
259.	Indian Springs Water Supply .....	4-75
260.	Iron Creek Rehabilitation.....	4-75
261.	Jackson Raw Water Supply .....	4-75
262.	Jackson Storage Tanks.....	4-76
263.	Jackson Water Supply.....	4-76
264.	Jamestown/Rio Vista Water Supply .....	4-76
265.	Jeffrey City Water System Improvements .....	4-76
266.	Jon’s Drop/Four Mile Flume Rehabilitation.....	4-77
267.	Kaycee Replacement Tank .....	4-77
268.	Kaycee Storage & Transmission.....	4-77
269.	Kemmerer City Dam Rehabilitation .....	4-77
270.	Kemmerer-Diamondville Water System.....	4-77
271.	Kemmerer Transmission Pipeline 2016.....	4-78
272.	Kirby Ditch .....	4-78
273.	Kirby Ditch .....	4-78
274.	Kirby Municipal Project .....	4-78
275.	Kirby Rehabilitation 2011.....	4-79
276.	LaBarge Water Supply.....	4-79
277.	Lake Adelaide Reservoir Enlargement .....	4-79
278.	Lake DeSmet Rehabilitation .....	4-79
279.	Lake Hattie Dam .....	4-80
280.	Lake Hattie Dam Rehabilitation .....	4-80
281.	Lake Hattie Outlet Works .....	4-80
282.	Lake Hattie Supply Canal .....	4-80
283.	Lakeview Carter Creek Siphon Spillway 2019.....	4-81
284.	Lakeview Improvement and Service District Water Supply.....	4-81
285.	Lakeview Irrigation District Rehabilitation 2014 .....	4-81
286.	Lakeview Irrigation District Rehabilitation 2016 .....	4-81
287.	Lance Creek Water Rehabilitation.....	4-82
288.	Lance Creek Well Connection .....	4-82
289.	Lander Intake Facilities.....	4-82
290.	Lander Transmission Pipeline 2016.....	4-82
291.	Lander Water Supply .....	4-83
292.	Lander Water Supply Rehabilitation .....	4-83
293.	Lander Worthen Meadows Dam Rehabilitation .....	4-83
294.	LaPrele Rehabilitation .....	4-83
295.	Laramie County Archer Water Supply .....	4-84
296.	Laramie East Side Tank .....	4-84
297.	Laramie North Side Supply .....	4-84
298.	Laramie Rehabilitation.....	4-84
299.	Laramie Rivers.....	4-85
300.	Laramie Transmission Pipeline.....	4-85
301.	Laramie Transmission Pipeline and Pioneer Canal Diversion.....	4-85
302.	Laramie Water Management Project (meters) .....	4-85
303.	Laramie Water Supply .....	4-86
304.	Laramie West Storage.....	4-86
305.	LeClair Irrigation District Rehabilitation 2016.....	4-86
306.	LeClair Irrigation District Rehabilitation 2017.....	4-86
307.	LeClair Irrigation Rehabilitation.....	4-87
308.	LeClair Lateral.....	4-87

309.	LeClair Laterals Rehabilitation.....	4-87
310.	Leiter Ditch Rehabilitation 2016 .....	4-87
311.	Lingle Water Supply Phase II.....	4-88
312.	Lingle Water Supply System Rehabilitation.....	4-88
313.	Little Snake Diversions.....	4-88
314.	Little Snake Rehabilitation .....	4-88
315.	Little Snake Rehabilitation 2011 .....	4-88
316.	Little Snake River Small Dams & Reservoirs .....	4-89
317.	Little Snake River Small Dams & Reservoirs .....	4-89
318.	Lovell Canal Rehabilitation 2014 .....	4-89
319.	Lovell Irrigation District Rehabilitation .....	4-89
320.	Lovell Moncur Lateral Rehabilitation 2019.....	4-90
321.	Lovell Rehabilitation 2009 .....	4-90
322.	Lovell Rehabilitation 2012 .....	4-90
323.	Lovell Tank/Zone 2 Improvements .....	4-91
324.	Lovell Transmission Pipeline .....	4-91
325.	Lovell Transmission Pipeline .....	4-91
326.	Lower Nowood Rural Water Supply .....	4-91
327.	Lusk Water Supply .....	4-92
328.	Lusk Water System Improvements 2018.....	4-92
329.	Lusk Well.....	4-92
330.	Lyman Springs Rehabilitation .....	4-92
331.	Manville Water Supply.....	4-93
332.	Manville Well Connection.....	4-93
333.	McKenney Water Supply.....	4-93
334.	NcNutt Water Supply.....	4-93
335.	Meade Creek Ditch Rehabilitation.....	4-93
336.	Means Water Supply.....	4-94
337.	Medicine Bow Transmission Pipeline .....	4-94
338.	Meeteetse Storage Tank Rehabilitation .....	4-94
339.	Meeteetse Tank/SCADA Retrofit .....	4-94
340.	Meeteetse Water Supply .....	4-95
341.	Midvale Bull Lake Rehabilitation 2015.....	4-95
342.	Midvale Canal Rehabilitation .....	4-95
343.	Midvale Conservation/Automation.....	4-95
344.	Midvale Diversion Dam Rehabilitation .....	4-96
345.	Midvale Irrigation District Rehabilitation 2018.....	4-96
346.	Midvale Irrigation District Rehabilitation 2019.....	4-96
347.	Midvale Pilot 27.0 A Lateral 2017 .....	4-96
348.	Midvale Rehabilitation 2010.....	4-97
349.	Midvale Rehabilitation 2011.....	4-97
350.	Midvale Rehabilitation 2012.....	4-97
351.	Midvale Rehabilitation 2013.....	4-97
352.	Midvale Sand Butte 2 Lateral .....	4-98
353.	Midvale Sand Mesa Pipeline .....	4-98
354.	Midwest Rehabilitation.....	4-98
355.	Mile-Hi Water Supply Project.....	4-98
356.	Moorcroft Madison Well Water Supply .....	4-99
357.	Moorcroft Water Supply .....	4-99
358.	Mountain View Acres Connection.....	4-99
359.	Muddy Guard.....	4-99

360.	Natrona County Regional Rehabilitation .....	4-100
361.	Natrona County Regional Water Supply .....	4-100
362.	Natrona County Regional Water Treatment Project .....	4-100
363.	Newcastle 2015 .....	4-101
364.	Newcastle Area Water Supply .....	4-101
365.	Nine Mile Water Supply .....	4-101
366.	North Alpine .....	4-101
367.	North Fork Crazy Woman Rehabilitation .....	4-102
368.	North Platte Gages .....	4-102
369.	North Uinta/Bear River Water Supply .....	4-102
370.	Northwest Rural Northern Expansion .....	4-103
371.	Northwest Rural Water Storage .....	4-103
372.	Northwest Rural Water Storage II .....	4-103
373.	Northwest Rural Water System Improvements 2018 .....	4-103
374.	Northwest Rural Water System Improvements 2019 .....	4-104
375.	North Wright Transmission Line .....	4-104
376.	Oakley Water Supply .....	4-104
377.	Opal Well Improvements 2017 .....	4-104
378.	Osage Water Supply .....	4-105
379.	Owl Creek Water Supply .....	4-105
380.	Park Reservoir Dam .....	4-105
381.	Pathfinder Modification Project .....	4-105
382.	Pavillion East Water Supply .....	4-105
383.	Pavillion Water Supply .....	4-106
384.	Pavillion Water System Improvements .....	4-106
385.	Pine Bluffs Brule Formation Water Supply .....	4-106
386.	Pine Bluffs Deep Well 2009 .....	4-107
387.	Pine Bluffs Lance, Fox Hills Well .....	4-107
388.	Pine Bluffs North Well Field .....	4-107
389.	Pine Bluffs Supply .....	4-107
390.	Pine Bluffs Well Rehabilitation .....	4-108
391.	Pine Haven Madison Well .....	4-108
392.	Pine Haven Pipeline Rehabilitation .....	4-108
393.	Pine Haven Transmission 2006 .....	4-108
394.	Pine Haven Water Supply .....	4-109
395.	Pine Haven Well and Tank .....	4-109
396.	Pinedale Intake Project .....	4-109
397.	Pinedale Pipeline .....	4-109
398.	Pinedale Pipelines .....	4-109
399.	Pinedale Transmission Line .....	4-110
400.	Pineview Tank and Booster Pump 2017 .....	4-110
401.	Piney & Cruse Canal Piping Project .....	4-110
402.	Pioneer Canal/Lake Hattie Loan .....	4-110
403.	Pioneer Transmission Pipeline 2017 .....	4-111
404.	Poison Spider Pipelines .....	4-111
405.	Poison Spider Water Supply .....	4-111
406.	Porto Canal .....	4-111
407.	Powell Master Plan/Powell Water Supply Rehabilitation .....	4-112
408.	Powell Transmission Pipeline Project .....	4-112
409.	Rafter J Rehabilitation .....	4-112
410.	Ranchester Storage Tank .....	4-113

411.	Rawlins Atlantic Rim Pipeline.....	4-113
412.	Rawlins Groundwater Supply .....	4-113
413.	Rawlins Pipeline & Atlantic Rim Reservoir .....	4-113
414.	Rawlins Springs Rehabilitation.....	4-114
415.	Rawlins Treated Water Tank Rehabilitation.....	4-114
416.	Rawlins Water Supply .....	4-114
417.	Reliance Water Supply .....	4-114
418.	Riverside .....	4-115
419.	Riverton Raw Water Supply Rehabilitation Project .....	4-115
420.	Riverton Valley .....	4-115
421.	Riverton Valley Laterals .....	4-115
422.	Riverton Valley Pipeline Relocation .....	4-116
423.	Riverton Valley Rehabilitation 2009 .....	4-116
424.	Riverton Valley Rehabilitation 2013 .....	4-116
425.	Riverton Valley Rehabilitation 2014 .....	4-116
426.	Riverton Valley Rehabilitation No. 2-1 .....	4-117
427.	Riverton Valley Rehabilitation #2, Phase II/Riverton Valley Underflow Project .....	4-117
428.	Riverton Water Supply .....	4-117
429.	Riverton Water Supply .....	4-117
430.	Rock River Transmission Line Replacement.....	4-118
431.	Rock River Transmission Pipeline.....	4-118
432.	Rock Springs/Green River Area Supply .....	4-118
433.	Rolling Hills Water Supply.....	4-119
434.	Rolling Hills Water Supply.....	4-119
435.	Rolling Hills Well.....	4-119
436.	Rolling Hills Well No. 7 Connection 2019.....	4-119
437.	Sahara Rehabilitation .....	4-120
438.	Salt Creek Water Supply.....	4-120
439.	Saratoga Storage Standpipe Rehabilitation.....	4-120
440.	Saratoga Well Field .....	4-120
441.	Savery Creek Diversions Phase II.....	4-121
442.	Savery-Little Snake Battle Creek Diversions .....	4-121
443.	Savery-Little Snake River Water Conservancy District Savery Creek Diversion 2020 ...	4-121
444.	Shell Canal.....	4-121
445.	Shell Canal Tunnel Rehabilitation .....	4-122
446.	Shell Valley/Greybull Water Supply .....	4-122
447.	Sheridan 4 MG WTP Tank .....	4-122
448.	Sheridan Area Water Supply .....	4-122
449.	Sheridan/Big Goose Slip Lining .....	4-123
450.	Sheridan Big Goose Water Supply .....	4-123
451.	Sheridan Intake Structure.....	4-123
452.	Sheridan Leopard Street Pipeline 2018.....	4-123
453.	Sheridan North Loop Transmission Line.....	4-124
454.	Sheridan North Side Transmission Pipeline 2018 .....	4-124
455.	Sheridan NW/Big Goose Tanks.....	4-124
456.	Sheridan Pipeline Rehabilitation.....	4-124
457.	Sheridan Raw Water Supply .....	4-125
458.	Sheridan Raw Water Supply Rehabilitation Project.....	4-125
459.	Shoshone Drop Structures.....	4-125
460.	Shoshone Eagle Nest Creek.....	4-125
461.	Shoshone Irrigation District Rehabilitation 2013 .....	4-126



462.	Shoshone Irrigation District Rehabilitation 2015 .....	4-126
463.	Shoshone Irrigation District Rehabilitation 2017 .....	4-126
464.	Shoshone Municipal Pipeline .....	4-127
465.	Shoshone Municipal Pipeline - 2009 .....	4-127
466.	Shoshone Municipal Water Treatment .....	4-127
467.	Shoshone Rehabilitation .....	4-127
468.	Shoshone Rehabilitation 2009 .....	4-128
469.	Shoshone Rehabilitation 2011 .....	4-128
470.	Shoshone Transmission Pipeline 2016 .....	4-128
471.	Shoshone Well and Transmission .....	4-129
472.	Shoshoni Water Supply.....	4-129
473.	Sidon Bitter Creek Crossing Rehabilitation.....	4-129
474.	Sidon Canal Rehabilitation .....	4-129
475.	Sidon Irrigation District Rehabilitation 2014.....	4-130
476.	Sidon Irrigation District Rehabilitation 2016.....	4-130
477.	Sidon Irrigation District Rehabilitation 2017.....	4-130
478.	Sidon Irrigation District Rehabilitation 2018.....	4-130
479.	Sidon Rehabilitation.....	4-131
480.	Sinclair Water Supply Project.....	4-131
481.	Sinnard Dam .....	4-131
482.	Sleepy Hollow Pipeline.....	4-131
483.	Sleepy Hollow Tank Rehabilitation .....	4-132
484.	Sleepy Hollow Well Replacement .....	4-132
485.	Small Water Projects.....	4-133
486.	Smiths Fork Water Supply.....	4-140
487.	Smoot Water Supply .....	4-140
488.	South Big Horn County Pipeline .....	4-140
489.	South Circle Estates Water Supply .....	4-140
490.	South Laramie Water Supply.....	4-141
491.	South of Laramie Water Supply .....	4-141
492.	South Thermopolis Water Supply.....	4-141
493.	Southwest Casper Water Supply.....	4-141
494.	Spring Draw Ditch .....	4-141
495.	Squaw Creek Water Supply .....	4-142
496.	Squaw Creek Water Supply .....	4-142
497.	Stage II Pipeline.....	4-142
498.	Star Valley Ranch Water Supply .....	4-142
499.	State Line Canal Diversion .....	4-143
500.	Sulphur Creek .....	4-143
501.	Sundance Meadows Water Supply .....	4-143
502.	Sundance PRV Improvements 2016 .....	4-144
503.	Sundance Storage Tank.....	4-144
504.	Sundance Tank.....	4-144
505.	Sundance Tank 2018.....	4-144
506.	Sundance Transmission Pipeline 2016 .....	4-145
507.	Sundance Well .....	4-145
508.	Sunset Pipeline.....	4-145
509.	Superior Water Supply.....	4-145
510.	Sweetwater Project.....	4-146
511.	Taylor Ditch Siphon.....	4-146
512.	Ten Sleep Storage Tank .....	4-146

513.	Teton Village Water Supply .....	4-146
514.	Teton Village Water Supply .....	4-147
515.	Thayne Tank 2017 .....	4-147
516.	Thayne Water Supply .....	4-147
517.	Thermopolis Pipeline Replacement 2017 .....	4-147
518.	Thermopolis Storage Replacement and Rehabilitation.....	4-147
519.	Thirty-Three Mile Water Supply .....	4-148
520.	Torrington Raw Water .....	4-148
521.	Torrington Water Supply .....	4-148
522.	Turnerville Water Supply Project .....	4-148
523.	Upper Bluff Rehabilitation .....	4-149
524.	Upper Hanover Water Supply.....	4-149
525.	Upper Little Warm Springs Water Supply.....	4-149
526.	Upton Tank Replacement .....	4-149
527.	Upton Water Supply .....	4-150
528.	Upton Well.....	4-150
529.	Vista West Water Supply .....	4-150
530.	Wamsutter Water Supply .....	4-150
531.	Wamsutter Water Supply Rehabilitation Project .....	4-151
532.	Wamsutter Well .....	4-151
533.	Wamsutter Well 2010 .....	4-151
534.	Wardwell Water Supply Improvements.....	4-151
535.	Washakie Rural Water Supply Project.....	4-152
536.	Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains 2016 .....	4-152
537.	Weather Modification Medicine Bow Mountains 2019-2020 .....	4-152
538.	Weather Modification – Wind River Mountains .....	4-153
539.	Weather Modification – Wind River Mountains 2016 .....	4-153
540.	Weather Modification – Wind River Mountains 2017 .....	4-153
541.	Weather Modification – Wind River Mountains 2018 .....	4-154
542.	Weather Modification – Wind River Mountains 2019 .....	4-154
543.	Weather Modification Wind River Mountains 2019-2020 .....	4-154
544.	Westside/Rock Springs Water Supply .....	4-154
545.	Wheatland – Black Mountain Water Supply .....	4-155
546.	Wheatland Black Mountain II Water Supply Project .....	4-155
547.	Wheatland ID Tunnel Dam Rehabilitation 2019 .....	4-155
548.	Wheatland Irrigation District Laramie River Diversion Improvements .....	4-155
549.	Wheatland Irrigation District Rehabilitation 2015.....	4-156
550.	Wheatland No. 7 Well.....	4-156
551.	Wheatland Pipelines.....	4-156
552.	Wheatland Rehabilitation 2011.....	4-156
553.	Wheatland Re-regulating Reservoirs .....	4-157
554.	Wheatland Reservoir No. 1.....	4-157
555.	Wheatland Sand Lake Dam/Canon Canal Rehab. ....	4-157
556.	Wheatland Water Supply .....	4-157
557.	Wheatland Wells 2017.....	4-158
558.	Wild Rose Water Supply .....	4-158
559.	Willwood Dam Rehabilitation .....	4-158
560.	Willwood Dam Rehabilitation .....	4-158
561.	Willwood Irrigation District Rehabilitation 2014.....	4-159
562.	Willwood Irrigation District Rehabilitation 2016.....	4-159

563.	Willwood Rehabilitation 2009 .....	4-159
564.	Willwood Rehabilitation 2010 .....	4-159
565.	Wind River Irrigation.....	4-160
566.	Wind River Irrigation Rehabilitation 2015 .....	4-160
567.	Worland Eastside Transmission Line .....	4-160
568.	Wright Water Supply .....	4-160
569.	Wright Water Supply .....	4-160
570.	Wright Water Supply 2011 .....	4-161
571.	Wright Well and Pipeline.....	4-161
572.	Yoder Water Supply .....	4-161
573.	Yoder Water Supply .....	4-161
574.	Yoder Water Well.....	4-162

**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:

<b>Account</b>	<b>Wyoming's Storage (Acre-Feet)</b>	<b>June 30, 2023 Account Balance</b>
Fontenelle Reservoir	120,000	4,540,025
Buffalo Bill Dam	187,940	25,049,465
Palisades Reservoir	33,000	731,523
Miscellaneous Water Investment	5,000	41,451
High Savery Reservoir	22,433	1,246,344
Pathfinder Modification	53,493	11,369,478
Glendo Reservoir	10,600	963,327
Keyhole Reservoir	0	0.00
Lake DeSmet Reservoir/ Healy Reservoir	62,199 / 5,140	1,907,094
Middle Piney Reservoir	4,201	542,331

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 15, 2023, 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:

<b>Account</b>	<b>June 30, 2023 Account Balance</b>
Platte River Basin Endangered Species	7,014,753

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, 53 are currently permitted by the State Engineer’s Office (SEO), 65 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 54 hydrologic feasibility reports which have been submitted to the SEO. Currently, there are no active instream flow studies, and there have been no new instream flow applications in 2023.

## 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, \$10,913,000 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 \$9,092,915 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 \$14,893,241 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 \$442,820 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 \$10,913,000 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 may 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 2023, 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 2023 by Water Development Account (WDA) I, II, and III:

Sector	Percentage (%) of Total Expenditures		
	WDA I	WDA II	WDA III*
Multi-purpose	10.6	4.5	41.5
Agriculture	9.0	54.3	31.5
Municipal	49.2	34.4	27.0
Special Districts	6.3	1.7	-
Legal	3.0	3.4	-
Non-Project	21.9	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, 2023, there are projects with appropriations in excess of \$591M 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. 2024 Preliminary Funding Recommendations:**

**Summary-2024 Omnibus Water Bill-Planning Preliminary Recommendations**

<b>Level I Projects-New Development</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Alpine Water Master Plan	Lincoln	\$153,000		
Bairoil Water Master Plan	Sweetwater	\$147,000		
Chugwater Water Master Plan	Platte	\$209,000		
Douglas Water Master Plan	Converse	\$286,000		
GR/RS/SC JPWB Regional Water Master Plan	Sweetwater	\$432,000		
Hudson Water Master Plan	Fremont	\$210,000		
Salt River Watershed Study	Lincoln	\$344,000		
Shoshone Municipal Pipeline Regional Water Master Plan	Park	\$216,000		
Sinclair Water Master Plan	Carbon	\$147,000		
Subtotal		\$2,144,000		

<b>Level II Projects-New Development</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Cody Areas Evaluation 2024	Park	\$139,000		
Greybull Water System Improvements	Big Horn	\$160,000		
Hot Springs County Supply Evaluation	Hot Springs	\$365,000		
Subtotal		\$664,000		

<b>Level I Projects-Rehabilitation</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Big Horn Canal ID Master Plan	Big Horn		\$289,000	
Elk Canal Master Plan	Park		\$265,000	
Horse Creek Conservation District Master Plan	Goshen		\$248,000	
Midvale ID Master Plan	Fremont		\$409,000	
Powder River ID Master Plan	Johnson		\$176,000	
Strawberry Canal Master Plan	Lincoln		\$235,000	
Subtotal			\$1,622,000	

<b>General</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
UW Office of Water Programs	Statewide	\$175,000		
UW Water Research Program	Statewide	TBD		
Subtotal		\$175,000		

<b>Amendments to Prior Appropriations</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Pavillion Groundwater Supply	Fremont	\$429,000		
Subtotal		\$429,000		

**2024 Omnibus Water Bill-Planning Preliminary Total                    \$3,412,000     \$1,622,000                    \$0**

**Summary-2024 Omnibus Water Bill-Construction Preliminary Recommendations**

<b>Level III Projects-New Development</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Big Horn Regional JPB Lucerne Tank and Pump Station 2024	Hot Springs	\$143,300		
Cloud Seeding: Medicine Bow & Sierra Madre Mountain Ranges 2025 (Aerial)	Albany/Carbon	\$825,000		
Cloud Seeding: Wind River & Sierra Madre Mountain Ranges 2025 (Ground Based)	Fremont, Sublette and Carbon	\$298,651		
Skyline ISD Well Connection 2024	Teton	\$448,000		
Subtotal		\$1,714,951		

<b>Level III Projects-Rehabilitation</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Bridger Valley JPB Tank Replacement 2024	Uinta		\$728,500	
Dayton Water System Rehabilitation 2024	Sheridan		\$200,000	
Deaver ID Laterals 2024	Big Horn		\$172,000	
Dry Creek ID Phase V 2024	Lincoln		\$777,000	
Hanover ID Bighorn River Flume Replacement 2024	Washakie		\$1,500,000	
Kirby Ditch ID Pipeline Phase II 2024	Hot Springs		\$1,882,500	
Laramie Dowlin Diversion Rehabilitation 2024	Albany		\$1,137,500	
Lovell Bench Lateral 2024	Park/Big Horn		\$1,448,000	
Ranchester Transmission Line 2024	Sheridan		\$268,600	
Wheatland Tank Replacement 2024	Platte		\$2,685,500	
Subtotal			\$10,799,600	

<b>Amendments to Prior Appropriations</b>	<b>County</b>	<b>WDA I</b>	<b>WDA II</b>	<b>WDA III</b>
Arapahoe Water Supply 2016	Fremont, WRIR		Time extension to 7/1/2026	
Buffalo Wells and Transmission 2019	Johnson		Time extension to 7/1/2026	
Clearmont Well Connection 2019	Sheridan		Time extension to 7/1/2026	
Gillette Madison Pipeline	Campbell		Time extension to 7/1/2026	
Lander Storage Tanks and Pump Station 2019	Fremont		Time extension to 7/1/2025	
Laramie North Side Tank	Albany		Time extension to 7/1/2025	
Sheridan Area Water Supply Transmission 2020	Sheridan		Project appropriation reversion	
Small Water Project Program – New Development	Statewide	\$1,000,000		
Austin-Wall Reservoir Rehabilitation 2019	Uinta		Time extension to 7/1/2026	
Eden Valley ID System Improvements 2019	Sweetwater		Time extension to 7/1/2026	
Interstate Diversion Structure Rehabilitation 2019	Sweetwater		Time extension to 7/1/2026	

Owl Creek ID System Improvements	Hot Springs	Time extension to 7/1/2028		
Wind River Inter-Tribal Council Rehabilitation 2019	Fremont, WRIR	Time extension to 7/1/2025		
Leavitt Reservoir Expansion	Big Horn			\$10,850,000
Middle Piney Reservoir	Sublette	Time extension to 7/1/2025		
Sponsor's Contingency Fund - Account III	Statewide			\$20,000,000
Subtotal		\$1,000,000	\$0	\$30,850,000

**2024 Omnibus Water Bill-Construction Preliminary Total            \$2,714,951    \$10,799,600    \$30,850,000**

### III. Financial Status Reports

The following three (3) tables depict the calculations used to estimate the available funds in each account for the 2023-24 Legislative Session.

#### Water Development Account I Preliminary Fiscal Projections as of 8/01/2023

Cash Balance 6/30/2022		106,881,104
<b>FY 2023 Revenues</b>		
Taxes	19,297,500	
Interest	2,257,085	
Loans/Interest	1,754,785	
Other	440,734	
General Fund	<u>6,311,957</u>	
Total Revenues		30,062,061
<b>FY 2023 Expenditures</b>		
Total Expenditures		<u>(32,535,894)</u>
Cash Balance 6/30/2023		104,407,271
<b>Outstanding Commitments 7/1/2023</b>		
Active Appropriations	(154,912,901)	
Expenditures Paid	<u>38,336,325</u>	
Total Commitments 7/1/2023		<u>(116,576,576)</u>
Total Uncommitted Balance 7/1/2023		<u>(12,169,305)</u>
<b>FY 2024 Anticipated Revenues</b>		
Taxes	19,297,500	
Interest	1,500,000	
Other	<u>1,500,000</u>	
Total FY 2024 Anticipated Revenues		22,297,500
<b>FY 2025 Anticipated Revenues</b>		
Taxes	19,297,500	
Interest	1,500,000	
Other	<u>1,500,000</u>	
Total FY2025 Anticipated Revenues		22,297,500
<b>FY 2026 Anticipated Revenues</b>		
Taxes	19,297,500	
Interest	1,500,000	
Other	<u>1,500,000</u>	
Total FY 2026 Anticipated Revenues		<u>22,297,500</u>
Subtotal Anticipated Revenues		<u>66,892,500</u>
Balance Available for Appropriation		<u>54,723,195</u>

**Water Development Account II**  
**Preliminary Fiscal Projections as of 8/01/2023**

Cash Balance 6/30/2022		45,124,052
<b>FY 2023 Revenues</b>		
Taxes	3,255,000	
Interest	991,978	
Loans/Interest	1,118,148	
Other	<u>11,214,852</u>	
Total Revenues		16,579,978
<b>FY 2023 Expenditures</b>		
Total Expenditures		<u>(7,558,092)</u>
Cash Balance 6/30/2023		54,145,938
<b>Outstanding Commitments 7/1/2023</b>		
Active Appropriations	(78,415,855)	
Expenditures Paid	<u>21,430,930</u>	
Total Commitments 7/1/2023		<u>(56,984,925)</u>
Total Uncommitted Balance 7/1/2023		<u>(2,838,986)</u>
<b>FY 2024 Anticipated Revenues</b>		
Taxes	3,255,000	
Interest	400,000	
Loans/Interest	<u>800,000</u>	
Total FY 2024 Anticipated Revenues		4,455,000
<b>FY 2025 Anticipated Revenues</b>		
Taxes	3,255,000	
Interest	400,000	
Loans/Interest	<u>800,000</u>	
Total FY 2025 Anticipated Revenues		4,455,000
<b>FY 2026 Anticipated Revenues</b>		
Taxes	3,255,000	
Interest	400,000	
Loans/Interest	<u>800,000</u>	
Total FY 2026 Anticipated Revenues		<u>4,455,000</u>
Subtotal Anticipated Revenues		<u>13,365,000</u>
Balance Available for Appropriation		<u><u>10,526,014</u></u>

**Water Development Account III**  
**Preliminary Fiscal Projections as of 8/01/2023**

Cash Balance 6/30/2022		168,533,395
<b>FY 2023 Revenues</b>		
Taxes	775,000	
Interest	3,833,834	
Other	<u>46,688,043</u>	
Total Revenues		51,296,877
<b>FY 2023 Expenditures</b>		
Total Expenditures		<u>(3,556,090)</u>
Cash Balance 6/30/2023		216,274,181
<b>Outstanding Commitments 7/1/2023</b>		
Active Appropriations	(194,347,026)	
Expenditures Paid	<u>30,210,057</u>	
Total Commitments 7/1/2023		<u>(164,136,969)</u>
Total Uncommitted Balance 7/1/2023		<u>52,137,212</u>
<b>FY 2024 Anticipated Revenues</b>		
Taxes	775,000	
Interest	<u>2,200,000</u>	
Total FY 2024 Anticipated Revenues		2,975,000
<b>FY 2025 Anticipated Revenues</b>		
Taxes	775,000	
Interest	<u>2,200,000</u>	
Total FY 2025 Anticipated Revenues		2,975,000
<b>FY 2026 Anticipated Revenues</b>		
Taxes	775,000	
Interest	<u>2,200,000</u>	
Total FY 2026 Anticipated Revenues		2,975,000
Subtotal Anticipated Revenues		<u>8,925,000</u>
Balance Available for Appropriation		<u><u>61,062,212</u></u>

#### IV. Anticipated Remaining Funding after the 2024 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 2024 Session by predicting the anticipated demands placed on those accounts during the 2024 Session.

##### Water Development Account I

Available 2024 Session		\$54,723,195
Non-Project Anticipated Appropriations		
Agency (029) Budget	\$ 9,410,980	
DOA (010) Water Quality	\$ 656,008	
SEO (037) CO River E.S.	\$ 118,381	
SEO (037) Board of Control	\$15,775,612	
OSLI (060) DWSRF Match	\$ 2,800,635	
Deduct: Non-Project Appropriations		<u>\$28,761,616</u>
2024 Omnibus Water Bills		
Transfer to WDA II	\$7,000,000	
Planning	\$3,412,000	
Construction	<u>\$2,714,951</u>	
Deduct: Omnibus Water Bills		<u>\$13,126,951</u>
Subtotal		\$12,834,628
Add: Anticipated 2024 Reversions		<u>\$ 1,000,000</u>
<b>Anticipated Remaining after 2024 Session</b>		<b>\$13,834,628</b>

##### Water Development Account II

Available 2024 Session		\$10,526,014
Add: Anticipated Transfer from WDA I		\$ 7,000,000
2024 Omnibus Water Bills		
Planning	\$ 1,622,000	
Construction	<u>\$10,799,600</u>	
Deduct: Omnibus Water Bills		<u>\$12,421,600</u>
Subtotal		\$ 5,104,414
Add: Anticipated 2024 Reversions		<u>\$ 1,000,000</u>
<b>Anticipated Remaining after 2024 Session</b>		<b>\$ 6,104,414</b>

##### Water Development Account III

Available 2024 Session		\$61,062,212
2024 Omnibus Water Bills		
Construction	<u>\$30,850,000</u>	
Deduct: Omnibus Water Bills		\$30,212,212
Add: Anticipated 2024 Reversions		<u>\$ 8,400,000</u>
<b>Anticipated Remaining after 2023 Session</b>		<b>\$38,612,212</b>

The following table attempts to predict funding requests for the 2025 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	825,000	
Cloud Seeding: Wind River Range	300,000	
Cody System Improvements	1,000,000	
CWRWS - Westwinds Rd Transmission Line	5,500,000	
Dayton System Improvements	TBD	
Gillette Regional Extensions	5,000,000	
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	
Happy Valley Improvement and Service District	2,800,000	
Hoback Junction Water & Sewer District	2,000,000	
Little Snake River Valley Municipal Water Supply	30,000,000	
Osage System Improvements	2,000,000	
Rawlins Tank Farm	16,000,000	
Sheridan Airport Transmission Main Extension	2,000,000	
Shoshoni System Improvements	1,000,000	
Small Water Program	1,000,000	
Star Valley Ranch Tank	1,000,000	
Thermopolis System Improvements	700,000	
Upton Madison Well	2,000,000	
UW Office of Water Programs	175,000	
UW Water Research Program	400,000	
Wheatland Tank	<u>6,300,000</u>	
<b>Grand Total WDA I</b>		<b>\$122,350,000</b>

**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
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	30,000,000
Midvale Irrigation District	1,000,000
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	<u>25,000,000</u>	
<b>Grand Total WDA II</b>		<b>\$123,875,000</b>

**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)	<u>120,000,000</u>	
<b>Grand Total WDA III</b>		<b>\$515,000,000</b>

# **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:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 II	186	2023	III	\$ 420,000	2025
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. 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 District is currently working with landowners to secure easements necessary for the construction of the Project.

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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	180	2013	I	\$ 493,080	2025†
Level III	23	2015	I	\$ 1,926,920	2020*
Level III	113	2020	I	\$ 0	2023**

†Time extension, increase in budget, and change to 44% grant

\*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 had to wait for final right-of-way clearance. The sponsor has requested and received a project budget increase and time extension in order to complete the project. Construction started during the summer of 2023

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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. 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. The project is still delayed and the Sponsor has requested a time extension.

4. **PROJECT:** Austin-Wall Reservoir Rehabilitation 2019  
**LEVEL:** III  
**SPONSOR:** Austin-Wall Irrigation District  
**LOCATION:** Uinta County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 which allows 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 through 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 both a watershed study and a NEPA Evaluation. The consulting engineer is working on that concurrently with the WWDC Project. At this point, it appears the District is looking to address both issues concurrently using WWDC project funds and the NRCS Funds. The district is still working through the NRCS process, as the Federal Government has requested additional historic surveying completed for the NEPA Evaluation within the proposed area of disturbance.

5. **PROJECT:** **Big Horn Canal Adobe Check Structure 2022**  
**LEVEL:** III  
**SPONSOR:** Big Horn Canal Irrigation District  
**LOCATION:** Big Horn County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	23	2015	II	\$ 175,000	2020*
Level III	55	2019	II	\$ 960,000	2024*
Level III	113	2020	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. This 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. As of October 2023, the project has been constructed and is closed-out.

6. **PROJECT:** **Big Horn Regional Transmission 2020**  
**LEVEL:** III  
**SPONSOR:** Big Horn Regional Joint Powers Board (BHRJPB)  
**LOCATION:** Big Horn County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 only

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 completed in the Madison Formation and averaging approximately 3800 feet in depth. The total yield from all wells is in excess of 5,000 gpm. Water is stored in either the IMG tank on Rattlesnake Ridge or the 100,000-gallon tank near Manderson. 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 awarded and the Notice to Proceed was issued on March 16, 2022. As of October 2023, the project has been constructed and is closed-out.

7. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 originally stored 39,700 acre-feet of water under Permit No. 947 Res., with a priority date of November 9, 1906, and had a surface area of approximately 2,510 acres at water surface elevation 6757.5. The Eden Valley Irrigation and Drainage District (District) was 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 determined there to be no fatal flaws in the project. Furthermore, the WWDC worked with Reclamation, through a Technical Service Agreement (TSA), to evaluate a 5' spillway raise at Big Sandy Dam. Task orders within the TSA included project management, hydrologic analysis, bathymetric survey, preliminary design and risk analysis, a value planning study, and appraisal level alternatives. Reclamation 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 was 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. Additionally, modification to the Big Sandy Feeder Canal was also incorporated 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. Final design ensued and a construction contract awarded in April of 2021. Construction was completed in the fall 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. Now complete, the Big Sandy Reservoir Enlargement, an addition of 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.

8. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

9. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 in the Salt River Basin, about five miles south of the Town of Alpine. The water system serves a population of approximately 50 people through 20 taps from a 302-foot deep well with a permitted yield of 15-gpm and two (2) approximately 5,000-gallon concrete tanks. Late in 2016, the well yield declined to approximately one gpm but showed some improvement in 2017. Since the Fall of 2016, supplemental water has been purchased and hauled from the Town of Alpine to meet the needs of the District.

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 site 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. However, after that request was received, additional ARPA funds were awarded by the State Land Investment Board. Therefore, the WWDC recommended a two-year time extension to complete the project with no additional WWDC funding. Once the new well has been drilled (anticipated Spring of 2024) the design and construction of the well, pipeline, tank, and booster pump will be completed.

10. **PROJECT:** Buffalo Wells and Transmission 2019  
**LEVEL:** III  
**SPONSOR:** City of Buffalo  
**LOCATION:** Johnson County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 only

**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 on City-owned property adjacent to 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.

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 in 2024. The Sponsor has requested an Amendment to extend the reversion date to 2026.

- 11. **PROJECT:**                   **CAID Lateral 256 Drop Structure 2023**
- LEVEL:**                        **III**
- SPONSOR:**                   **Casper Alcova Irrigation District**
- LOCATION:**                   **Natrona County**
- PROGRAM:**                   **Rehabilitation**

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	99	2006	II	\$ 200,000	2008
Level III	23	2015	II	\$ 369,840	2020*
Level III	55	2016	II	\$ 187,600	2021*
Level III	180	2023	II	\$ 477,040	2028*

\*67% Grant

**PROJECT INFORMATION:**

The Casper Alcova Irrigation District (CAID) received funding for a Level III project to replace the Lateral 256 Drop Structure. The current structure is an open flow structure, and it will be replaced with two 48” HDPE Corrugated Pipe sections. The Sponsor received 67% grant funding from the WWDC with co-funding being provided by the Sponsor. The project is currently under design, and it is anticipated to go to construction in the spring of 2024.

- 12. **PROJECT:**                   **Casper Alcova Irrigation District Master Plan**
- LEVEL:**                        **I**
- SPONSOR:**                   **Casper Alcova Irrigation District (CAID)**
- LOCATION:**                   **Natrona**
- PROGRAM:**                   **Rehabilitation**

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	99	2006	II	\$ 200,000	2009
Level III	68	2010	II	\$ 477,040	2015*
Level III	23	2015	II	\$ 187,600	2020*
Level III	55	2016	II	\$ 369,840	2021*
Level III	121	2018	II	\$ 416,740	2023*
Level I	186	2023	II	\$ 310,000	2026
Level III	180	2023	II	\$ 477,040	2028*

\*67% grant

**PROJECT INFORMATION:**

Casper Alcova Irrigation District’s infrastructure was constructed in the 1930’s and 1940’s and the District has been operating under a “repair only when needed” philosophy. The District has requested a Level I study to evaluate existing infrastructure, prioritizing repair and replacement needs, and determination of cost estimates to assist in evaluating financing options and budget accordingly. The District also requests an evaluation and update of their current GIS.

The Casper Alcova Irrigation District requested a water master plan to fully evaluate the infrastructure of the District’s irrigation system. The study will inventory and assess their canal system, investigate conveyance losses, and identify and prioritize capital improvement projects for financial planning. Cost estimates will be produced to include both a total and phased approach to construction and replacement according to a recommended rehabilitation schedule. The ability to pay for the improvements to the system and needed adjusted rate assessments are included as part of the study.

The notice to proceed for this project was provided to the Consultant on April 15, 2023 and the project has been ongoing in 2023 with expected completion slated for September, 2024. Efforts to date have included information collection and review, system assessment and inventory, review of water rights, SCADA analysis, and work on the GIS.

- 13. **PROJECT:**                   **Central Wyoming Regional Water System Well Field Study**
- LEVEL:**                        **II**
- SPONSOR:**                   **Central Wyoming Regional Water System**
- LOCATION:**                   **Natrona County**
- PROGRAM:**                   **New Development**

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	63	2011	I	\$ 1,959,750	2016
Level III	100	2014	II	\$ 1,648,200	2019
Level II	186	2023	I	\$ 1,567,000	2026

**PROJECT INFORMATION:**

In 1995 the CWRWS Joint Powers Board was formed by the City of Casper, Brooks Water and Sewer District, Wardwell Water and Sewer District, Salt Creek Joint Powers Board, and Natrona County entering into a Joint Powers Agreement (Agreement), which was amended in July 1996 with the addition of the Pioneer Water and Sewer District and in November 1996 with the removal of the Brooks Water and Sewer District. CWRWS generally serves the greater Casper Metropolitan area.

In addition to a surface-water intake, CWRWS operates two well fields which are completed adjacent to the North Platte River. The well fields contain 26 vertical wells and 3 horizontal wells. The current production capacity is approximately 11.6 million gallons per day (MGD); however, CWRWS desires to develop the capacity for as much as 29-30 MGD. The project will investigate geological conditions, determine the existing condition of wells, establish a well rehabilitation and/or replacement plan, establish a comprehensive management and operation plan, evaluate local geology for favorable aquifer development, and recommend best management practices for surface management of the well-head protection zone.

During 2023, the consultant gathered relevant production information, evaluated and compared wells for similar construction and performance characteristics, and began fieldwork on a pilot study for rehabilitation techniques. This project will continue into 2024.

14. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 citizens 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 construction of the tank is underway. The design of the pipeline is continuing and should be complete by late 2023.

15. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 provides 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 includes only those portions of the watershed located within the State of Wyoming. A draft report for the project has been turned in and is going through internal review. The project is scheduled for completion early 2024 with final study results to be reported in next year’s legislative report.

16. **PROJECT:** Clear Creek Storage  
**LEVEL:** II  
**SPONSOR:** Clear Creek Conservation District  
**LOCATION:** Johnson and Sheridan Counties  
**PROGRAM:** Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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, Federal programs that could aid in the funding of this project are being closely watched, as they 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.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 were to become 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 (TDS of approximately 7,620 milligrams per liter). These wells were drilled as a part of a Level II study. The preferred alternative identified by this study included purchase of Well No. 3, incorporation of nanofiltration for the water produced by this well, and connection to the Town’s existing water system.

The Town purchased the new Fort Union Formation well and is now working to tie that well into their system. Upon completion of all construction, except connection of the well to the transmission main to the Town’s tank, the Town began flushing the well. After several months of high flow rate flushing, the water produced by the well continued to exhibit very poor quality. As of October 2023, the Town is working with their consultant and the construction contractor to determine the cause of the poor-quality water and what remediation efforts could be made.

- 18. 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: \***

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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:**

Airborne cloud seeding operations targeting the Medicine Bow and Sierra Madre Mountain Ranges, for the winter of 2022-2023, began on November 8, 2022 and concluded 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 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 prepared operational forecasts, maintained equipment, and conducted all aerial seeding operations. In the Medicine Bow and Sierra Madre Mountains, thirty (30) flights were conducted for a total of 112.22 flight hours, consisting of twenty-seven (27) seed, and three (3) reconnaissance missions. Of those flight hours, 77.86 hours were conducted over the Medicine Bow Mountain Range and 34.36 over the Sierra Madre Mountain Range. A total of 116,780 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares. In the Never Summer Mountain Range of Colorado, five (5) flights were conducted for a total of 18.57 flight hours. Seeding was conducted during five (5) of the missions. A total of 17,900 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares.

- 19. PROJECT: Cloud Seeding: Medicine Bow and Sierra Madre Mountain Ranges 2024 (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: \*

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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
Level III	180	2023	I	\$ 825,000	2025

\*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 2023-2024, is scheduled to begin on November 1, 2023 and conclude on April 15, 2024. Wyoming’s funds necessary to run the program were appropriated by the 2023 Wyoming State Legislature through the passage of the “2023 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 sixth 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 and within specific other mountain ranges in Jackson County, 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 2023-2024 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 2023-2024 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 2024 in the North Platte and Colorado River Basins.

20. **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:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	84	2022	I	\$ 300,000	2025

**PROJECT INFORMATION:**

This project is focusing 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, 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.

This Level II cloud seeding assessment study for the Medicine Bow & Sierra Madre Mountain Ranges has been ongoing in 2023. A draft report has been turned in and is going through internal review, and a results presentation was given to the WWDC and Legislative Select Water Committee at their joint workshop held November 7, 2023. The project is scheduled for completion early 2024 with final study results to be reported in next year’s legislative report.

21. **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: \*

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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, began on November 8, 2022 and concluded 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 Mountain Range and west slope of the Sierra Madre 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, Genesis Alkalai, Rocky Mountain Power Company, and the Green River/Rock Springs/Sweetwater County Joint Powers Water Board.

Cloud seeding operations in the Wind River and west slope of the Sierra Madre Mountain Ranges for the winter of 2022-2023 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 2022-2023 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 was a total of twenty-seven (27) seeding events over the Wind River Mountains and nine (9) seeding events over the west slope of the Sierra Madre Mountains, with a total of 444.14 gallons of seeding solution dispensed from all twelve generators combined. It should be noted that the project’s single east-slope generator (“Enterprise”) ran for one of the total seeding missions.

22. **PROJECT:** Cloud Seeding: Wind River and Sierra Madre Mountain Ranges 2024 (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: \*

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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
Level III	180	2023	I	\$ 301,000	2025

\*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 2023-2024, is scheduled to begin on November 1, 2023 and will conclude on April 15, 2024. Wyoming’s 37% share of the funds necessary to run the program were appropriated by the 2023 Wyoming State Legislature through the passage of the “2023 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, Solvay, Sisecam, Rocky Mountain Power Company, and the Green River/Rock Springs/Sweetwater County Joint Powers Water Board.

Cloud seeding operations for the winter of 2023-2024 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 2023-2024 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 2024 in the Green, Wind/Big Horn and Little Snake River Basins.

23. **PROJECT:** **Cody Canal Rehabilitation**  
**LEVEL:** II  
**SPONSOR:** Cody Canal Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	75	2005	II	\$ 250,000	2006
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 II	65	2017	II	\$ 180,000	2020
Level III	55	2019	II	\$ 344,000	2024
Level II	186	2023	II	\$ 257,000	2026

PROJECT INFORMATION:

The Cody Canal Irrigation District diverts direct flows from the South Fork Shoshone River and includes canals and laterals that supply 11,433 irrigated acres in and around Cody, Wyoming. The District would like to improve water efficiency in its main canal and laterals. This system relies on direct flows upstream of Buffalo Bill Reservoir and they are subject to shortages in low water years. There are also concerns with high sediments throughout the Shoshone River watershed.

The Sponsor requested a rehabilitation study to examine several options that should improve efficient use of water and reduce the sediment load that the system contributes back into the Shoshone River. Efficiency projects could eliminate late season shortages and delivery challenges. The study would expand on ideas discussed in previous studies, including on or off canal storage in a re-regulating reservoir, increased system automation, and any options that may reduce the need to spill into tributary streams. Two other components of the study are to evaluate options for replacing the diversion structure on the Lower Sage Creek lateral, including the potential to bypass directing flow down Sage Creek itself and the district has requested updated cost estimates for several piping projects proposed in a 2018 study of the Cody Canal laterals.

The Cody Canal Rehabilitation Level II Study has been ongoing during 2023 with completion scheduled for August, 2024. Efforts to date have included work on the following tasks: information collection and review, system automation, current operations and system efficiency, lateral rehabilitation, conceptual designs and cost estimates, and economic analysis and project financing.

24. **PROJECT:** **Cody Canal Rehabilitation 2019**  
**LEVEL:** III  
**SPONSOR:** Cody Canal Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	141	2013	II	\$ 144,000	2018*
Level III	55	2019	II	\$ 344,000	2024**

\*67% grant, 33% loan

\*\*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 users and urban users as well as supplying a portion of Cody’s municipal irrigation water.

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 2024 with procurement of materials by June 2024 with construction to begin in the Fall/Winter of 2024. Funding is for materials only and does not provide for design or labor costs.

25. **PROJECT:** Cottonwood Irrigation District Transmission Pipeline 2020  
**LEVEL:** III  
**SPONSOR:** Cottonwood Irrigation District  
**LOCATION:** Lincoln County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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	180	2023	II	\$ 979,910	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 steel 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 for the project up from what was indicated in the Level I study. Replacement will eliminate water loss due to the pipeline breaks, reduce the risk of system disruption, and improve irrigation efficiency. Design for the project was completed in 2021. 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 Spring of 2023, an additional \$979,910 in funding from the WWDC was amended into the budget. Schedule B of the project was awarded in the Spring of 2023, and construction will be completed in the Winter of 2023. Schedule A will be advertised during the Winter of 2023, and construction is anticipated to take place in the Spring of 2024.

26. **PROJECT:** Cottonwood Irrigation District Transmission Pipeline 2022  
**LEVEL:** III  
**SPONSOR:** Cottonwood Irrigation District  
**LOCATION:** Lincoln  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 2023, the design of this pipeline was completed and is currently in the bidding process. It is anticipated construction will start in the Fall of 2023.

- 27. **PROJECT:**                    **Critical Aging Irrigation Infrastructure Assessment**
- LEVEL:**                            I
- SPONSOR:**                        State of Wyoming
- LOCATION:**                         Statewide
- PROGRAM:**                        Rehabilitation

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 concluded in the middle of November 2022. The meetings consisted of presentations about the project and potential funding opportunities through the U.S. Bureau of Reclamation, Natural Resources Conservation Service, non-traditional funding opportunities such as non-governmental organizations, and funding through the WWDC. The meetings were also a forum for answering questions, interacting with irrigators, and gathering information about structures for inclusion in the database of structures. The referenced database was substantially developed with information collected from existing WWDC project reports and consisted of over 10,000 structures. Following completion of the statewide meetings, a workshop was held to define criticality which was then applied to each structure to help prioritize the most critical structures in the database. A draft report has been turned in and is going through internal review, and a results presentation was given to the WWDC and



Legislative Select Water Committee at their joint workshop held November 7, 2023. The project is scheduled for completion early 2024 with final study results to be reported in next year’s legislative report.

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

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, likely requires outlet works rehabilitation within the next 5-10 years. The BOPU spent their own funds on an alternatives analysis study in an attempt to find alternatives to bring down the overall cost of the project. At this time, the BOPU is selecting an engineer for the design of this project.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 was ongoing during 2023 and is scheduled for completion early 2024.

30. **PROJECT:** Deaver ID Rehabilitation 2022  
**LEVEL:** III  
**SPONSOR:** Deaver Irrigation District  
**LOCATION:** Big Horn County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	168	2015	II	\$ 162,000	2018
Level III	93	2022	II	\$ 816,810	2027*

\*30% grant only, construction 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 flow 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 late 2024.

31. **PROJECT:** Deaver Irrigation District Frannie Canal Drop Chute #1 2020  
**LEVEL:** III  
**SPONSOR:** Deaver Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	168	2015	II	\$ 162,000	2018
Level III	113	2020	II	\$ 166,200	2025*

\*100% grant, materials only

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 materials-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 main portion of the chute was designed and constructed during Winter 2022-2023. The stilling basin at the end of the chute is being designed and is expected to be constructed during Winter 2023-2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	66	2009	I	\$ 200,000	2012
Level III	63/55	2011/16	I	\$ 9,447,000	2019
Level II	65/186	2017/23	I	\$ 1,655,000	2020/26

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, the drilling technical specifications were developed and bids were solicited for well drilling. Unfortunately, no bids were received within the original project budget. During the 2023 legislative session, \$450,000 was added to the existing legislation to accommodate well-construction subcontracting.

In 2023, the well-construction work was re-bid and a contract was awarded to Cahoy Pump Service. Groundwater well drilling commenced in October. Well drilling and aquifer testing is expected to proceed through the fall and winter, and the project will continue into 2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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, is nearing its useful service life, and is in poor condition. Most of the slide gates are leaking and difficult to operate. The general condition of concrete around the structure is in poor or failing condition, specifically on the intake structure. The orientation of the intake structure, in relation to the diversion dam, leads to fine sediment and floating debris accumulation at the intake structure which requires continuous cleaning. The diversion dam also poses safety concerns to City staff during high river flows. Large woody debris routinely gets snagged on the diversion dam slide gates, leading to clogged openings which routes water over the diversion dam embankments. City staff are required to cutout and remove the large woody debris during high river flows.

The study included:

- Alternative analysis of potential diversion structure location and design
- Recommendations for improving irrigation efficiency
- Conceptual design and cost estimate for the diversion structure
- GIS Mapping of water rights and associated irrigation infrastructure

Three alternatives were evaluated for implementation including rehabilitation or replacement at the existing diversion location and an upstream diversion relocation. The preferred alternative, Alternative 1, was selected by the stakeholder team through a review of project goals and objects. This alternative included replacement of the structure at the existing location with a sheet pile and grouted rock ramp diversion and replacement of the intake structure. After selection, Alternative 1, replacement at the existing location, was refined from a preliminary design to a conceptual design. Conceptual designs and associated costs were developed which include Obermeyer gates, a walkway for maintenance, debris booms, rock ramps to accommodate a fishway and addition of SCADA controls to monitor flow. The total cost for the preferred alternative is approximately \$2.4 million. This planning project was closed out October 2023.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 it 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 substantial completion was provided in December 2022. Construction is complete, project close-out documents have been received, and the project has been closed out.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. Design and bidding have been completed and currently, the Engineer is in the process of awarding the contract. Construction is anticipated during the Winter 2023/Spring 2024 timeframe.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	141	2013	II	\$ 233,500	2018*
Level III	55	2019	II	\$ 351,000	2024**
Level III	113	2020	II	\$ 2,262,000	2025***

\*50% Grant

\*\*54% Grant

\*\*\*60% Grant

**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 of open canal to 63-inch HDPE pipe. The project was originally bid in 2021, but all bids were rejected as being over the budget. The project was rebid in the spring of 2022 with a slightly modified design and bids within budget were received. Currently, the project is wrapping up the construction and is expected to be completed by the end of the calendar year 2023.

- 37. **PROJECT:** Eden Valley Irrigation District System Improvements 2019
- LEVEL:** III
- SPONSOR:** Eden Valley Irrigation District
- LOCATION:** Sweetwater County
- PROGRAM:** Rehabilitation

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	141	2013	II	\$ 233,500	2018*
Level III	55	2019	II	\$ 351,000	2024**

\*50% Grant  
\*\*54% Grant

**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. The existing sand trap will also be reconstructed. The reconstruction includes a concrete basin to retain the sand and piping to return flush water to the canal. Currently the water from the sand trap 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 project has not rebid due to issues with the co-funding agency. The district requested a two-year extension to the project agreement (reversion date of 2026) in order to get the co-funding in place. The district plans to rebid the project with a lower WWDC contribution once the co-funding is secured.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 identified the Sawmill reach as the top priority for the district to improve water supply and delivery. The project is currently on hold as the district explores alternatives since piping the ditch was more expensive than anticipated.

39. **PROJECT:** Enterprise WID Calvert Lateral Rehabilitation 2023  
**LEVEL:** III  
**SPONSOR:** Enterprise Watershed Improvement District  
**LOCATION:** Fremont County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	85	2007	II	\$ 100,000	2008
Level III	180	2023	II	\$ 626,400	2028

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 would pipe 8,820 feet of the Calvert Lateral to reduce seepage and erosion. The project sponsor is currently proceeding through the Watershed Improvement District process for completing the loan documentation, with intent to bid spring/summer of 2024 for construction in the fall of 2024.

40. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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**
Level III	180	2023	I	\$ 0	2025†

\*50% grant, 50% sponsor

\*\*Time extension only

† Time extension and modification of project description

PROJECT INFORMATION:

The Ethete area water system operated by Northern Arapaho Utilities, (NAU) 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 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 NAU 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 2023. The Sponsor requested and received a project description modification removing the transmission line portion of the project and that the remaining project be completed with the available funding. The project completion deadline was also extended until 2025. 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.

41. **PROJECT:**                    **Evanston Transmission Pipeline 2022**  
**LEVEL:**                            III  
**SPONSOR:**                        City of Evanston  
**LOCATION:**                        Uinta County  
**PROGRAM:**                        Special Legislation

**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. Treated water is then sent through the distribution system via a pump station using four 335 GPM pumps. The distribution system consists of distribution lines and 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 has selected an engineer for the project, and they are working on the necessary easements and pipe sizing for the project.

42. **PROJECT:**                    **Fontenelle Dam & Outworks Infrastructure Completion**  
**LEVEL:**                            II  
**SPONSOR:**                        State of Wyoming  
**LOCATION:**                        Lincoln and Sweetwater Counties  
**PROGRAM:**                        New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 Seedskaadee 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.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 Seedskaadee 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.

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

EXISTING AND PRIOR LEGISLATION:

<u>Session</u>	<u>Chapter</u>	<u>Grant (67%) Appropriation</u>	<u>Account</u>	<u>Loan (33%) Appropriation</u>	<u>Account</u>	<u>Total</u>
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**
<b>TOTAL</b>		<b>\$145,792,000</b>		<b>\$ 44,328,358</b>		<b>\$ 190,120,358</b>

\*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 was installed.
2. Power transmission system upgrades and booster pump station were completed near Rozet, Wyoming.
3. A new electrical system, disinfection facility, and storage tanks were installed at the Pine Ridge well field site.
4. The transmission system will produce enough water to supply an estimated 57,562 people in the Gillette Regional Area, and provide an additional 16,000-gpm (23 MGD) to the regional water system.
5. The new Madison Formation Well Field currently has five (5) wells capable of producing 1,400-gpm each. Ultimately, an additional 12 new wells could be developed as water demand increases.
6. Treated water storage tanks in Campbell County and transmission pipeline stub-outs 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 \$60 million in extension design and construction costs 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 five Madison formation wells. Well houses and permanent pump equipment are installed for two wells. The other three well houses, pumping equipment and yard piping are going into construction in the winter of 2023/2024. All of the transmission pipelines are constructed as well as the Madison pump station and Pine Ridge disinfection facility. Contract 4a for three new Madison production wells, and Contract 2b for Well field piping, pumps and equipment have also been completed. Contract 2a for well testing and pad reclamation was substantially completed in the Spring of 2023.

Contract 2c to connect M13, M14 and M15 wells to the well field transmission pipeline system is the final work to complete the project. Design was completed in the Summer of 2023. The WDEQ Permit to construct was received in the Fall of 2023, and the project was bid, with the award of the contract currently pending. It is anticipated that the final completion of the Project will be in the Winter of 2024/2025.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	75	2017	I	\$ 361,800	2022*
Level III	121	2018	I	\$ 2,391,900	2022*
Level III	55	2019	I	\$ 0	2022**
Level III	93	2022	I	\$ 0	2024**
Level III	180	2023	I	\$ 0	2025**

\*67% grant

\*\* Time extension only

**PROJECT INFORMATION:**

The Gillette Regional Water Master Plan, Level I Study was completed in 2010, and identified three components of a regional system to serve the City of Gillette and surrounding water districts. The Gillette Madison Pipeline Project provides the main transmission line and infrastructure to serve the City of Gillette and surrounding water districts. The Gillette Regional Extension Projects provide pipeline extensions and infrastructure to deliver water from the Gillette Madison Pipeline to water districts, and the Gillette Regional Connection projects provide the infrastructure needed to deliver water to the districts. The Master Plan estimated \$60M for the total costs for extension projects.

In 2017, the Legislature appropriated \$361,800 for the Gillette Regional Extension 2017 project, which is the third Gillette regional extension project funded by the Legislature. The 2017 appropriation was 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 \$2,391,900 to the project for construction. In 2019, the project was amended to stipulate Crook County residents can connect to the 8-inch and 12-inch pipeline at Pine Ridge with City of Gillette wholesale water rates and connection fees similar to those as Campbell County users, and future water districts adjacent to the indicated pipelines shall have the opportunity to connect to the water system. In June of 2022, the project was amended to extend the reversion date for project completion to July 1, 2024. In April of 2023, the project was amended to extend the reversion date to July 1, 2025. The project is currently under design, and has been delayed by efforts to obtain easements.

46. **PROJECT:** **Gillette Regional Extensions Phase IV - 2018**  
**LEVEL:** III  
**SPONSOR:** City of Gillette  
**LOCATION:** Campbell County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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**
Level III	180	2023	I	\$ 0	2025**

\*67% grant

\*\* Time extension only

PROJECT INFORMATION:

The Gillette Regional Water Master Plan, Level I Study was completed in 2010, and identified three components of a regional system to serve the City of Gillette and surrounding water districts. The Gillette Madison Pipeline Project provides the main transmission line and infrastructure to serve the City of Gillette and surrounding water districts. The Gillette Regional Extension Projects provide pipeline extensions and infrastructure to deliver water from the Gillette Madison Pipeline to water districts, and the Gillette Regional Connection projects provide the infrastructure needed to deliver water to the districts. The Master Plan estimated \$60M for the total costs for extension projects. 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 is 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. In 2019, the project was amended to stipulate Crook County residents can connect to the 8-inch and 12-inch pipeline at Pine Ridge, that City of Gillette wholesale water rates and connection fees for Crook County users will be similar to those as Campbell County users, and future water districts adjacent to the indicated pipelines shall have the opportunity to connect to the water system. 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. Land access acquisition has delayed the project, and in the Spring of 2023, the project was extended until July 1, 2025.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	74	2014	II	\$ 120,000	2016
Level III	113	2020	I	\$ 3,088,700	2025*

\*67% grant

PROJECT INFORMATION:

The Gillette Regional Water Master Plan, Level I Study was completed in 2010, and identified three components of a regional system to serve the City of Gillette and surrounding water districts. The Gillette Madison Pipeline Project provides the main transmission line and infrastructure to serve the City of Gillette and surrounding water districts. The Gillette Regional Extension Projects provide pipeline extensions and infrastructure to deliver water from the Gillette Madison Pipeline to water districts, and

the Gillette Regional Connection projects provide the infrastructure needed to deliver water to the districts. The Master Plan estimated \$60M for the total costs for extension projects. The 2014 Means First Extension Master Plan/Gillette Regional Connection Level II Study evaluated the Means Improvement and Service Districts' 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 to connect the Means Water and Sewer District and Gillette/Campbell County Airport to the Gillette Regional Water Supply 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 pipeline extension and connections. The project is currently under design.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	93	2022	I	\$ 1,125,600	2027*

\*67% ARPA grant

**PROJECT INFORMATION:**

The Gillette Regional Water Master Plan, Level I Study was completed in 2010, and identified three components of a regional system to serve the City of Gillette and surrounding water districts. The Gillette Madison Pipeline Project provides the main transmission line and infrastructure to serve the City of Gillette and surrounding water districts. The Gillette Regional Extension Projects provide pipeline extensions and infrastructure to deliver water from the Gillette Madison Pipeline to water districts, and the Gillette Regional Connection projects provide the infrastructure needed to deliver water to the districts. The Master Plan estimated \$60M for the total costs for extension projects. The 2012 Gillette Regional Connections 2 Level II Study evaluated the People's Improvement and Service Districts' 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 in American Rescue Plan Act (ARPA) funds 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 project is currently under design.

49. **PROJECT:** **Glendo Reservoir Full Utilization Project**  
**LEVEL:** II  
**SPONSOR:** State of Wyoming  
**LOCATION:** Platte County  
**PROGRAM:** New Development



EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. The WWDO will continue to coordinate with the Federal agencies on next steps for the project.

50. **PROJECT:**                    **Glendo Water Master Plan**  
**LEVEL:**                            I  
**SPONSOR:**                        Town of Glendo  
**LOCATION:**                        Platte County  
**PROGRAM:**                        New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	99/33	2006/08	I	\$ 775,000	2008/09
Level III	121/38	2007/09	I	\$ 780,000	2012/13
Level I	186	2023	I	\$ 180,000	2026

**PROJECT INFORMATION:**

Glendo receives water from two groundwater wells. Glendo’s most recent water master plan was developed in 2009 with a 25-year planning horizon. Glendo has experienced growth from a new subdivision as well as large seasonal demands due to an influx of summer residents. In addition, staffing changes in Glendo have led to a lack of knowledge regarding current infrastructure.

The Master Plan will assist Glendo with evaluating the existing system, evaluating deficiencies, and identifying and ranking improvement projects. The plan will also serve as a framework to establish project priorities and to perform financial planning necessary to meet those priorities. It will also provide reconnaissance-level information regarding costs and scheduling.

During 2023, relevant production and financial data was gathered and analyzed. In addition, a leak survey was performed. Finally, enhanced aerial imagery and survey information was gathered to create more precise GIS mapping. Future work includes exploratory potholing, hydraulic modeling, and refinements to the final report. This project will continue into 2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	66	2009	I	\$ 150,000	2010
Level III	100	2014	I	\$ 381,900	2019*
Level III	752	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.

The project went out to bid in August 2023. Two bids were received ranging from \$2.9 million to \$3.4 million. The project was awarded to the lowest responsive and responsible bidder, and the project has commenced to construction. The anticipated completion is the spring of 2024.

52. **PROJECT:** Goshen ID 29.4 Pipeline Project Phase II 2022  
**LEVEL:** III  
**SPONSOR:** Goshen Irrigation District  
**LOCATION:** Goshen County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	93	2022	II	\$ 290,000	2027*

\*100% grant for materials (The sponsor is responsible for all other project costs.)

PROJECT INFORMATION:

The Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with water rights in the North Platte River and Pathfinder Reservoir. Water is diverted at the Whalen Diversion Dam near Fort Laramie, Wyoming, and flows down the Gering Fort Laramie canal from near the Nebraska Stateline where it continues to also serve the Gering Fort Laramie Irrigation District. A Level I master plan 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, Wyoming, designed the project, and it was advertised in the Fall of 2022 with bids falling within range of \$409,257.00 to \$430,322.00. In November of 2022, the WWDC awarded GID with a \$115,000 grant from the Sponsor's Contingency Fund to account for the increased cost; and the materials contract was awarded to Ferguson Waterworks for \$409,257.00. Construction has been completed and the project was closed December 2023.

53. **PROJECT:** Goshen ID 56.0 Pipeline Phase I 2023  
**LEVEL:** III  
**SPONSOR:** Goshen Irrigation District  
**LOCATION:** Goshen County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	180	2023	II	\$ 236,300	2028*

\*100% grant for materials (The sponsor is responsible for all other project costs.)

PROJECT INFORMATION:

The Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with water rights in the North Platte River and Pathfinder Reservoir. Water is diverted at the Whalen Diversion Dam near Fort Laramie, Wyoming, and flows down the Gering Fort Laramie canal from near to the Nebraska Stateline where it continues to also serve the Gering Fort Laramie Irrigation District. A Level I master plan 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 2023, GID received a grant of \$236,300 for 100% of the materials required to replace 1,420-feet of 18-inch diameter concrete tile with 18-inch PVC pipe and 780-feet of 15-inch diameter concrete tile with 15-inch PVC pipe. The project is currently advertised for bids, and is anticipated to be completed in 2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	93	2022	II	\$ 2,350,000	2027*
Level III	180	2023	II	\$ 0	2027**

\*67% Grant, 33% Loan for the 49% GID share; 100% Loan for 51% GFLID share

\*\*Restructured to a 67% Grant, 33% Loan for the 49% GID share and no funds for the GFLID share

PROJECT INFORMATION:

The Goshen Irrigation District (GID) was formed in 1936 and serves 52,484 acres with water rights in the North Platte River and Pathfinder Reservoir. Water is diverted at the Whalen Diversion Dam near Fort Laramie, Wyoming, and flows down the Gering Fort Laramie canal from near to the Nebraska Stateline where it continues to also serve the Gering Fort Laramie Irrigation District. A 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 on the Gering Fort Laramie canal collapsed. Temporary repairs returned it to operation at a reduced capacity, and a feasibility study complete in 2022 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. The feasibility study completed in August of 2022 recommended that \$2,350,000 was insufficient to complete the \$3,635,600 pre-construction cost estimate for the Project. GFLID will pay their share without using the 51% (\$1,198,500) loan, and in 2023, the \$2,350,000 appropriation was amended to a \$1,574,500 67% grant and \$775,500 33% loan at 4% interest for a term of 20 years for costs associated with the GID share of pre-construction. The project is currently under design.

55. **PROJECT:** Goshen Irrigation District Master Plan  
**LEVEL:** I  
**SPONSOR:** Goshen Irrigation District  
**LOCATION:** Goshen County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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	23	2015	II	\$ 449,570	2020
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***
Level I	186	2023	II	\$ 300,000	2026

\*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) is located in and around the Town of Torrington and Goshen County, Wyoming, within the Platte River Basin. The District was formed in 1936 and serves 52,484 acres with a conveyance system from the Whalen Diversion Dam above Fort Laramie to the Nebraska Stateline. The District is requesting an update to the 2008 water master plan and condition assessments of major structures within the District’s system. The Fort Laramie Canal suffered a major failure due to aging infrastructure in 2019. The District is seeking to better understand risks and opportunities for rehabilitation and improvements within the District’s system.

Goshen Irrigation District requested WWDC funding for a new Level I study to perform condition assessments on major infrastructure throughout the District. The Fort Laramie Canal is over 100 years old and suffered a catastrophic failure with the collapse of Tunnel No. 2 in 2019. This study will evaluate the condition of similarly aged infrastructure and prepare a plan to avoid a potential failure in the future. A schedule for improvements with cost estimates shall also be developed. The study will also identify ability to pay, GIS updates, and recommend operational changes. This GID Level I study commenced in April, 2023 and is scheduled for completion September, 2024.

56. **PROJECT:** GR-RS-SC JPWB Eastside Zone Study  
**LEVEL:** II  
**SPONSOR:** GR-RS-SC Joint Powers Water Board  
**LOCATION:** Sweetwater County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	75	2005	I	\$ 250,00	2008
Level I	85	2007	I	\$ 220,00	2010
Level II	66	2009	I	\$ 350,000	2012
Level III-I	63	2011	I	\$ 900,00	2016*
Level III-II	14	2012	I	\$ 8,282,00	2017**
Level II	168	2015	I	\$ 125,000	2018
Level II	65	2017	I	\$ 180,00	2020
Level II	94	2018	I	\$ 180,00	2021
Level III	55	2019	I	\$ 7,497,300	2024***
Level I	186	2023	I	\$ 228,000	2026

\*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.

\*\*\*67% grant

PROJECT INFORMATION:

The Green River-Rock Springs-Sweetwater County (GR-RS-SC) Joint Powers Water Board (JPWB) requested a WWDC Level II feasibility study to increase the capacity of the City of Rock Springs water system in the east and south sides of the city. This study will focus on identifying the bottlenecks within the delivery system and recommending upgrades to increase the availability of water to those future growth areas.

The GR-RS-SC JPWB system is comprised of a 32 MGD surface Water Treatment Plant (WTP) in Green River serving the distribution systems in Green River, Rock Springs, four (4) districts and one industrial customer. The Board is a political subdivision with members appointed by the cities and county. This Level II study is located within the City of Rock Springs, and will include investigation of the following JPWB water system components:

- 24-inch Transmission Line from Sweetwater Creek to Blairtown Tanks
- Blairtown Storage Tanks
- Eastside Pump Station
- 18-inch Eastside Transmission Line from Eastside Pump Station to Eastside Storage Tanks
- 12-inch Delivery Line to Simplot Pump Station along Highway 430
- Eastside Storage Tanks
- Pumping/Transmission Capacity from JPWB Water Treatment Plant (Green River) to Rock Springs “Base” Zone (Coordinate with 2019 Level II Study)
- Other JPWB System Inadequacies (As Determined by Hydraulic Model)
- Undeveloped Annexed Areas and Any Other Reasonable Lands Adjacent to the South Side Belt (City of Rock Springs)
- Arrowhead Springs Subdivision (Sweetwater County, South of Rock Springs)
- Middle Baxter Basin Industrial Development (Sweetwater County, East of Rock Springs)
- Southwest Wyoming Regional Airport (City of Rock Springs)

The GR-RS-SC JPWB Eastside Zone Level II study commenced in May, 2023 and is scheduled for completion August, 2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

The project has reached the 50% design phase. Due to easement acquisition issues, the project has not been able to move past the 50% design. Negotiations are taking place to secure the needed easements. A time extension was requested for an additional two years (moving the reversion date to 2026) to make up for time lost to easement negotiations.

58. **PROJECT:** Green River/Little Snake River Basins Conveyance Loss Study  
**LEVEL:** I  
**SPONSOR:** State of Wyoming  
**LOCATION:** Green River and Little Snake River Basins (Upper Colorado River Basin in WY)  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

The purpose of this study is to quantify the conveyance loss associated with irrigation canals within the Upper Colorado River Basin within the State of Wyoming, namely the Green River and Little Snake River Basins. This study will also compile means and methods for calculating consumptive use of vegetation along canal banks and the evaporation associated with irrigation canal conveyance throughout both basins.

The study will primarily involve field measurements at multiple sites within the basins to develop regional loss estimates that can be applied to canals throughout the basins. It is anticipated the calculation of consumptive use of vegetation along canals, and evaporation associated with irrigation canal conveyance, will be a desktop exercise. Consultant selection for the project followed the Professional Architectural, Engineering, and Land Surveying Services Procurement Act. Interviews were conducted and a consultant selected in October 2023. The consultant services contract for the project was approved by the WWDC and Legislative Select Water Committee at their joint November meeting and project completion is anticipated in early 2025.

59. **PROJECT:**                    **Groundwater Studies**  
LEVEL:                            N/A  
SPONSOR:                        State of Wyoming  
LOCATION:                         Statewide  
PROGRAM:                        New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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

Cheyenne Board of Public Utilities: \$400,000

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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

Bids were received in the summer of 2023 and the project has progressed to construction. Construction is expected to be complete in the spring of 2024.

- 61. **PROJECT:** GVID Upper Sunshine Outlet Works Rehab
- LEVEL: II
- SPONSOR: Greybull Valley Irrigation District
- LOCATION: Park County
- PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	28	1994	I	\$ 3,000,000	1999
Level III	59	1996	I	\$ 37,000,000	2001
Level III	88	2002/05	I	\$ -7,942,542	2007/10
Level II	7	2002	I	\$ 60,000	2005
Level III	121	2007	I	\$ 476,000	2012*
Level III	14	2012	I	\$ -326,000	2017**
Level II	85	2007	II	\$ 100,000	2010
Level II	33	2008	II	\$ 100,000	2011

Level III	38	2009	II	\$	300,000	2014
Level III	63	2011	II	\$	3,600,000	2016
Level II	33	2008	II	\$	150,000	2011
Level II	57	2012	I	\$	85,000	2015
Level II	186	2023	II	\$	621,000	2026

\*100% loan for design and permitting only

\*\*This reduced the 2007 appropriation to \$150,000

**PROJECT INFORMATION:**

The Upper Sunshine Reservoir is an off-channel facility storing nearly 53,000AF of surface runoff for late season irrigation releases for the Greybull Valley Irrigation District (GVID). GVID is concerned that portions of the outlet works system, which was originally constructed in the 1930's, has reached their useful life. During recent previous attempts to close the existing guard gate at the mouth of the outlet works, the gate has become stuck in the closed position due to rapid silt accumulation. This prevents dewatering of the outlet works for inspection and maintenance. There is also concern over the condition of the outlet works conduit through the dam.

This study will evaluate the current condition of the outlet works and make recommendations to enhance dam safety, reduce operating and maintenance costs, and modernize critical infrastructure that has exceeded design life expectancy. The study will be ongoing during 2024 with completion slated for August 2025.

- 62. PROJECT: Happy Valley Water Transmission and Storage 2023**  
**LEVEL:** III  
**SPONSOR:** Happy Valley Water Improvement and Service District  
**LOCATION:** Lincoln  
**PROGRAM:** New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	150	2020	I	\$ 59,000	2023
Level III	180	2023	I	\$ 308,200	2028*

\*67% grant, 33% sponsor

**PROJECT INFORMATION:**

The Happy Valley Water Improvement and Service District (HVWISD) is located approximately three miles south of Afton. HVWISD is expanding their district boundaries in order to regionalize with the community of Osmond. This Project will replace the old and failing water system transmission lines for both HVWISD and Osmond and construct a new water storage tank to promote a regional water system.

Design surveying is complete. The design is anticipated to be completed by September 2024 with an anticipated start of construction in late Fall 2024.

- 63. PROJECT: Heart Mountain ID Lateral R4S 2023**  
**LEVEL:** III  
**SPONSOR:** Heart Mountain Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	66	2013	II	\$ 175,000	2016
Level III	186	2023	I	\$ 1,164,000	2028*

\*25% grant only, construction costs only

PROJECT INFORMATION:

This project will place a portion of lateral R4S into pipe. The lateral currently loses approximately 3,500 AF/year of water over its 4-mile length to infiltration and evaporation. This Project would convert the first 1.5 miles of the open channel lateral to a piped lateral. The remainder would be converted in a future project. The piped portion of this lateral would conserve essentially all of the water lost in this lateral and would allow for more efficient means of irrigation (i.e. - pivots). The project sponsor is securing additional funding for 100% of the pre-construction costs plus 75% of the construction costs through a NRCS PL-566 Watersheds grant. This funding is expected to be finalized in the winter of 2023. As of October 2023, the design is at the 50% stage and construction is expected in the Winter 2024-2025 construction season.

64. **PROJECT:** Highland Hanover ID System Improvements 2022  
**LEVEL:** III  
**SPONSOR:** Highland Hanover Irrigation District  
**LOCATION:** Washakie County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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
Level III	93	2022	II	\$ 4,611,000	2027*

\*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 (Laird Ditch and 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, 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 operate at very high voltage (2,300V3P/600 HP each) 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. The 50% design has been completed with the final design scheduled for March 2024. Bidding is scheduled for April 2024 with an award in May 2024 to start procurement of long lead items. Construction is scheduled for Fall 2024.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 was conducted for the rehabilitation of the irrigation system. The study inventoried and assessed the entire canal system, investigated conveyances losses, and identified and prioritized capital improvement projects for financial planning. Cost estimates were 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 was included as a part of this study.

The following findings and recommendations were identified for the Highland Irrigation District during the Level I study:

- Replacement of field turn outs and head gates, with attention to those with highest priority.
- Vegetation removal and management: The District is encouraged to rent or hire equipment that can shred and chip the bank vegetation and develop a 3 to 5-year maintenance plan to keep up with continued tree and especially willow tree growth.

- Accessibility Plan: Importance for District efficiency and continuous access for the ditch rider required (gate installation, common locks daisy-chained around private property), otherwise HID maintenance will be limited across the conveyance system.
- Install check structures during dry conditions that can be regulated by stop board placement.
- Install Parshall flume measurement devices and staff gauges at all laterals and major head gates.
- Improve record keeping on Fremont Dam gates and all head gates throughout the system
- Suggestion to monitor all new subdivisions which encompass the canal and laterals to ensure access easement and protect HID rights.

The Highland Irrigation District Master Plan study was completed and closed out March, 2023.

66. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

An evaluation of varied systems resulted in 30 potential watershed improvement projects. These projects include:

- Twelve source water development and rehabilitation projects for stock use were identified. This includes adding stock water as a beneficial use at two wells, a single well rehabilitation project, one surface water diversion to be supplied with pump and pipeline, and developing three springs to supply watering troughs. Five spring rehabilitation projects were identified to include the installation of side hill spring collection systems, conveyance pipelines, and cattle troughs.
- Irrigation projects include a single diversion rehabilitation project, conveyance rehabilitation and developing irrigation supplies. Three conveyance projects were identified to rehabilitate inoperable ditches. The conveyance work includes reconstruction of the original ditches, including culvert installations, installing flumes, and adding a drop structure. The four irrigation water supply projects

that were brought forward propose to pump surface water to upland areas to receive either supplemental supply or original supply.

- Two environmental projects were identified to address bank stabilization. One of the projects was brought forward by the Astoria Park Conservancy and another by Trout Unlimited.
- Eight storage projects identified during this study include small reservoir rehabilitation/construction and a storage tank. One project addresses rehabilitation of an existing reservoir. Six projects involve construction of small reservoirs with anticipated beneficial uses to include irrigation, fish/wildlife propagation, fire suppression, and/or stock water. An additional storage project includes rehabilitation of an existing well and installation of an underground cistern at Hoback Fire Station for fire suppression.

Average cost for each project is approximately \$62,000. Total cost for all projects is approximately \$1,700,000. Please note this total excludes costs for one of the projects where funding parameters were considered to be sensitive. This planning project was closed out March 2023.

67. **PROJECT:** Interstate Diversion Structure Rehabilitation 2019  
**LEVEL:** III  
**SPONSOR:** Interstate Irrigation and Reservoir Irrigation District  
**LOCATION:** Sweetwater County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. A 2013 Level II study recommended replacing the diversion structure.

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 land access before it can go to bid.

68. **PROJECT:** Interstate I&R ID Canal Phase III 2023  
**LEVEL:** III  
**SPONSOR:** Interstate Irrigation and Reservoir Irrigation District  
**LOCATION:** Sweetwater County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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**
Level III	180	2023	II	\$ 3,226,200	2028***

\*67% grant, 33% loan

\*\*67% grant

\*\*\*56.6% 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.

This is the second phase of converting the Interstate canal to a pipeline. The goal of this project is to minimize seepage losses and the associated salt loading by converting the 6.3-miles of the existing 13.1 miles of earthen canal to 34-inch HDPE pipe. Design and permitting are complete for this project, but the engineer is working on obtaining the last easements before it can go to bid.

- 69. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 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.

70. **PROJECT:** Kirby Ditch Irrigation District Pipeline 2020  
**LEVEL:** III  
**SPONSOR:** Kirby Ditch Irrigation District  
**LOCATION:** Hot Springs  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	65	2017	II	\$ 100,000	2021
Level III	113	2020	II	\$ 2,310,000	2025*

\*67% grant, 33% loan

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 and received an amendment to the project to reduce the scope to the 6,630-feet of the canal with the highest maintenance requirements. This allows the District to utilize \$737,965 in US Bureau of Reclamation WaterSMART funding before it expires in 2024 and complete the critical section of canal. The reduced project was awarded for construction in May of 2023, and is currently under construction.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 the 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.

A small-diameter, stratigraphic test boring was drilled to a total depth of 600 feet and geophysically logged in September, 2022. The Fox Hills Sandstone was penetrated from 460 to 580 feet deep (~120 feet thick) with acceptable water quality of a sodium bicarbonate-type. The test well drilling contract bidding process was conducted in June, 2023 with four bids received. The successful bidder was awarded the project and preparations were made for drilling in August, 2023. The LaGrange No. 3 test well was drilled/completed/developed/aquifer tested in August/September, 2023 to a total depth of 580 feet deep in the Fox Hills Sandstone. The new well yields approximately 150 to 225 gpm of a sodium-bicarbonate groundwater. The laboratory analysis results for the water quality are pending. The study commenced in April, 2022 and will continue through 2023 with final reports and deliverables expected by September, 2024.

- 72. **PROJECT:** Lakeview ID Rock Creek Siphon 2023
- LEVEL: III
- SPONSOR: Lakeview Irrigation District
- LOCATION: Park County
- PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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**
Level III	180	2023	II	\$ 1,475,000	2028***

\*67% Grant

\*\*67% Grant & 33% Loan

\*\*\*50% Grant

PROJECT INFORMATION:

The Project includes two projects identified as priorities in the 2013 Level II Master Plan, replacement of the Rock Creek Siphon and replacement of the Mower Creek Regulation Structure. The Mower Creek structure is a box culvert including a waste-way and fish screening structure. The second structure is the Rock Creek Siphon replacement. The project is in the preliminary design phase, and is expected to go to bid in spring of 2024.

- 73. **PROJECT:** Lakeview Irrigation District Rehabilitation
- LEVEL: II
- SPONSOR: Lakeview Irrigation District
- LOCATION: Park County
- PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	57	2012	II	\$ 250,000	2014
Level III	100	2014	II	\$ 154,770	2019
Level III	55	2016	II	\$ 194,300	2021
Level III	55	2019	II	\$ 351,000	2024
Level II	186	2023	II	\$ 160,000	2026

PROJECT INFORMATION:

The Lakeview Irrigation District diverts direct flows from the South Fork Shoshone River and includes canals and laterals that supply 10,200 irrigated acres south and west of Cody, Wyoming. The District would like to improve water efficiency in its main canal. This system relies on direct flows upstream of Buffalo Bill Reservoir and they are subject to shortages in low water years. There are also concerns with high sediments throughout the Shoshone River watershed.

The District requested a rehabilitation study to examine several options that should improve efficient use of water and reduce the sediment load that the system contributes back into the Shoshone River. Efficiency projects could eliminate late season shortages and delivery challenges. The study will more accurately define areas of high seepage in the main canal and consider alternatives to reduce it (piping, etc.). This study will also expand on ideas discussed in previous studies including on or off canal storage, increased system automation, an exchange with Cody Canal Irrigation District, and any options that may reduce the need to spill into tributary streams.

The Lakeview Irrigation District Rehabilitation Level II Study has been ongoing during 2023 with completion scheduled for August, 2024. Efforts to date have included work on the following tasks: information collection and review, seepage loss analysis, evaluation of potential water exchange with Cody Canal Irrigation District, and conceptual designs and cost estimates.

- 74. **PROJECT:** Lander Storage Tanks and Pump Station 2019
- LEVEL: III
- SPONSOR: City of Lander
- LOCATION: Fremont County
- PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	55	2019	I	\$ 227,800	2024*
Level III	113	2020	I	\$ 3,423,700	2024*
Level III	180	2023	I	\$ 3,376,800	2024†

\*67% grant

†Budget increase

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 requested and received a budget increase for the project in

2023. The project was rebid and awarded and is under construction. The Sponsor has indicated that the project will be complete in late 2024 and has requested a time extension.

75. **PROJECT:** Lander Water Master Plan  
**LEVEL:** I  
**SPONSOR:** City of Lander  
**LOCATION:** Fremont County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. In anticipation of the next twenty years, the planning focus areas including water supply, system expansion, regionalization, reliable service and fiscal responsibility were evaluated to help the City achieve their goals. Key findings are summarized as follows:

- **Water Supply-** The adequacy of the City’s water supply to meet future growth and expansion over an extended planning period up to 50 years indicates that the City won’t exceed the hydraulic capacity of the water treatment plant. However, the service area Maximum Day Demand is set to exceed the total water rights through the treatment plant within forty years if no changes are made. Recommendations include:
  - Continue to utilize direct flow surface water and storage water from the Middle Popo Agie River and Worthen Meadows Reservoir respectively.
  - Implement water conservation during high demand periods.
  - Conduct a non-potable water system feasibility study to explore conversion of irrigated green spaces to raw water to reduce demand for treated water.
  - Pursue opportunities for acquisition of water rights and new or existing groundwater wells.
  - A future WWDO Level II feasibility study is recommended to evaluate potential enlargements of Worthen Meadows Reservoir. The City along with local irrigation stakeholders are currently pursuing a NRCS funded feasibility study to address preliminary planning steps.
  
- **System Expansion-** Key localized expansion areas were identified and 2020 US Census data was examined to develop growth patterns in these areas to evaluate future transmission corridors, pressure zone limits and pipeline size requirements. The Lander Transportation Plan was used to identify

transportation corridors that water transmission lines could be planned concurrently with. Potential regional partners (Tribal Utility Organizations to the north and the Town of Hudson to the east) were identified such that system expansion transmission lines coincided with regional connection transmission lines.

- Based on this analysis, eight transmission line projects were identified for the capital improvements program to expand service locally
  - Three additional bulk full stations and improvements to the existing bulk fill station are proposed.
- **Regionalization** A survey was provided to representatives of ten community water systems within 80 miles of Lander to evaluate the possibility of combining services to address staffing, regulatory, funding, and supply challenges. Targeted outreach included the communities of Hudson, Dubois, Riverton, Pavillion, tribal entities, HOAs and other privately held water systems. Survey responses reflected concerns about many of these system’s long-term viability and indicated a desire among some entities to explore a regional system. Recommendations include the following:
    - Eight partner connections were evaluated for regional service potential. For the partners with existing connections, serious system improvements, reevaluation of the wholesale customer rates, and ensuring adequate metering and backflow prevention are required. Of the new system connections, it was determined that connections with Deer Valley, Lyons Valley Road to Town of Hudson Intertie, and the Shoshone Utility Organization should be pursued.
    - A Level II Study, sponsored by the City of Lander, is recommended to further investigate a regional system for Fremont County.
  - **Reliable Service-** The City’s water system infrastructure was evaluated to determine condition and reliability. Minor recommendations were made for the water treatment plant and storage tanks. Focus is needed on the pipelines based on number of breaks, pipe age, and material. Based on an examination of the data, roughly 40% of the pipelines in Lander either have unknown age or are at least roughly fifty years in age (if not older). Recommendations include:
    - Rehabilitation at the inlet structures, infiltration gallery, storage tanks, and Worthen Meadows Reservoir outlet.
    - Addition of twelve priority pipeline projects into the twenty-year capital improvements plan.
  - **Fiscal Responsibility-** The City’s current rate structure, finances, and the 20-year capital improvements program costs were examined to determine financial planning required to meet future demands and maintain the system. Budgeting recommendations are included in the Level I study so the City is prepared for these future costs.

The Lander Water Master Plan Study project was completed and closed out October 2023.

76.	<b>PROJECT:</b>	<b>Lander Well &amp; Transmission Pipeline 2021</b>
	<b>LEVEL:</b>	III
	<b>SPONSOR:</b>	City of Lander
	<b>LOCATION:</b>	Fremont County
	<b>PROGRAM:</b>	New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 to the Water Treatment Plant. From the water treatment plant, 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 design is complete, but the city does not currently have the funding to move forward with bidding and construction. The project is on hold until additional funding can be secured.

77. **PROJECT:** LaPrele Irrigation District Rehabilitation  
**LEVEL:** II  
**SPONSOR:** LaPrele Irrigation District  
**LOCATION:** Converse County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 for this Amendment progressed simultaneously and are complete. Stakeholder engagement and agency coordination was established as part of Amendment #4 and has been completed. 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. The consultant is writing a draft report for this phase of the project.

In May 2022, Amendment #5 to the consultant contract was executed. This amendment appropriated the final \$2,395,600, of the \$4.3 million from 2021. Amendment #5 included further site characterization, structural modeling, and a physical model that was constructed and lab-tested in early 2023. The drilling program, as part of the site characterization, helped develop an understanding of the subsurface conditions in the area, including the left abutment which required helicopter services to mobilize drilling. The drilling program also proved that developing an aggregate source near the dam was marginal. Because the source is marginal, the Consultant is investigating commercial sources for aggregate and developing a mix design based on those commercial sources. The 1:40 scale physical model was built and used to help the Consultant understand the potential performance of the dam by running simulated flood events over the model and noting the operation of the spillway, the projected location of the downstream plunge pool, and potential scouring effects downstream of the dam. During the physical model testing, the Consultant noted that the only access road to the site would be destroyed for many of the flood events creating an access issue for the District. It was at this time that the Consultant began to consider the need for a secondary access to the dam from the South. There is also an advantage to construction of the dam if a southern access road is constructed. Finally, Amendment #5 also initiated environmental analysis field work leading up to NEPA.

In May 2023, Amendment #6 to the consultant contract was executed. As part of President Biden’s Infrastructure Investment and Jobs Act (IIJA), \$100 million was allocated for the rehabilitation, reconstruction, or replacement of a dam whose construction began on or after January 1, 1905; that was developed pursuant to Section 4 of the Carey Act; that the Governor of the State in which the dam is located has determined the dam has reached its useful life and poses significant health and safety concerns followed by a request from the Governor for Federal support. In Federal Fiscal year 2023, \$5 million of the \$100 million was made available for a project that qualified. The WWDO applied for that funding and was successful. The WWDC then contracted, through Amendment #6, with the Consultant for \$4,054,000 to be funded entirely by the IIJA. The work to be done includes NEPA documentation and environmental permitting; pre-construction planning; further site characterization; and design advancement. This site characterization work included another phase of drilling where helicopter services were used to mobilize a drill rig onto the cliff to gather more information about the left abutment subsurface characteristics. The culmination of this work will produce a 30% design report that will include updated cost estimates. The report is scheduled to be received in mid-January of 2024.

78. **PROJECT:** **Laramie North Side Tank**  
**LEVEL:** III  
**SPONSOR:** City of Laramie  
**LOCATION:** Albany  
**PROGRAM:** New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	75	2014	III	\$ 1,200,000	2019*
Level III	100	2017	III	\$ 8,503,000	2020**
Level III	113	2020	III	\$ 0	2022†
Level III	93	2022	III	\$ 0	2024††

\*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.

††Changed the reversion date from July 1, 2022 to July 1, 2024.

**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 overrun with its own funds and will seek to supplement with the DWSRF. This project is currently under construction and will be completed in mid-2024. The Sponsor has requested a one-year extension for the project.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 on hold until easements can be obtained for the new location.

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



EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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†
Level III	180	2023	III	\$ 32,000,000	2027†

\*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%. During the 2023 Session, \$32,000,000 from the Account III Sponsor's Contingency Fund was authorized for expenditure on the Leavitt Reservoir Expansion. The grant percentage was changed from 96.3% to 97.8% and the loan percentage was changed from 3.7% to 2.2%.

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 was requested and received for the project from the 2023 Legislature. With the Account III Sponsor's Contingency funding authorized by the Legislature, the project was rebid in the summer of 2023 as four separate construction bid packages. The result of that bidding allowed the District to award three of the four construction packages, after receiving favorable concurrence from the WWDC to move forward, that will result in the completion of a functional reservoir. Increased funding is being requested through the 2024 Legislature to complete the diversion structure and transfer pipeline that will allow stored water to be delivered to some of the reservoir shareholders associated with Shell Canal. 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.

81. **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

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 Phase II study has now been completed and concluded that a regional system was feasible at a cost of \$34,315,000. The final project recommendation is for two phases of construction; Phase 1 would include a new infiltration gallery on the Little Snake River upstream of Dixon and downstream from Savery at the Dolan Bridge. The infiltration gallery would feed a new water treatment plant; the treated water would be pumped to a new water tank just north of Dixon; potable water would then gravity feed from the Dixon tank to the Town of Baggs' existing storage tank while serving rural residents along county road 702 between Dixon and Baggs via an 8" transmission line. Phase 2 includes pumping water from the water treatment plant to a distribution system for the Savery area through a 6-inch line. The

initial system is estimated to supply 411 taps. In moving forward, the residents in the area need to develop a Joint Powers Board to qualify as a legal entity that could sponsor a project. Due to the overall estimated cost of the project at more than \$34 million, for this project to be feasible, it may have to be broken into more phases and other funding support is required, most likely from Federal funding programs. This WWDC Level II Phase II planning study was closed out October, 2023.

- 82. 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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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**

\*\*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.

Design was completed in Spring 2023. Contract has been awarded and construction is anticipated to start in Fall 2023 and complete in Spring 2024.

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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	38	2016	I	\$ 180,000	2019
Level III	121	2018	I	\$ 944,700	2023**
Level III	180	2023	I	\$ 0	2026

\*\*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 a 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 was granted an amendment for additional time to accommodate the time it has taken to investigate other well locations. In addition, the District has received ARPA funding to reduce the amount of funding WWDC would need to provide to continue. Design remains on hold until a new well has been developed. Currently, the new well is bidding with drilling to be completed in early 2024. Design will continue in early 2024 with construction anticipated in Fall 2024.

85. **PROJECT:** Middle Piney Reservoir  
**LEVEL:** III  
**SPONSOR:** State of Wyoming  
**LOCATION:** Sublette County  
**PROGRAM:** Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 has consisted 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 was substantially completed in the fall of 2023. Some additional cleanup work will be performed in the spring of 2024 to allow potential filling and operation of the dam in the summer of 2024. The timing of the filling will be dependent upon the amount of snowpack and the irrigators needs for water in 2024.

86. **PROJECT:** Midvale Wyoming Canal Phase I 2023  
**LEVEL:** III  
**SPONSOR:** Midvale Irrigation District  
**LOCATION:** Fremont County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	93	2022	II	\$ 2,250,000	2028*

\*53% grant, 47% sponsor

PROJECT INFORMATION:

This Project is the first of four planned phases to reconstruct the Wyoming Canal. This phase will replace approximately 2.3 miles (two segments of the Wyoming Canal 1st Division) of concrete canal lining. The lining is past its useful life and is in need of complete replacement. The two segments to be reconstructed in this phase are upstream and downstream of the siphon located at mile 4.47.

The two segments of canal in this phase provide water to the majority of the 74,000 irrigated acres within the District. If either of these segments of lining were to fail, a majority of the District would be left without water. These two segments have received maintenance over the years and have significant areas in poor condition resulting in seepage loss and potential catastrophic failure of the canal since it is located on a hillside. Starting at the furthest downstream point, rehabilitating the first 3,000 lf of canal lining will minimize the potential for catastrophic failure.

Currently, the design is at 50% with design completion anticipated in early January 2024. Construction is tentatively scheduled for the Fall 2024/Winter 2025 construction season.

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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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. Once the EA is finished, and assuming a favorable outcome, cost estimates will be updated to reanalyze the economics of the project, and confirm that the District wishes to move forward.

88. **PROJECT:** Newcastle Water Master Plan  
**LEVEL:** I  
**SPONSOR:** City of Newcastle  
**LOCATION:** Weston County  
**PROGRAM:** New Development



EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	96/118	2000/04	I	\$ 2,200,000	2004/2008
Level III	23	2015	I	\$ 616,400	2020*
Level III	121	2018	I	\$ 495,800	2023*
Level III	113	2020	I	\$ 113,900	2025*
Level I	186	2023	I	\$ 223,000	2026

\*67% grant

PROJECT INFORMATION:

The City of Newcastle requested a Level I water master plan study to fully evaluate the infrastructure of the City's water supply system. The study will evaluate the current condition of their water system and provide tools and guidance needed to assist in the planning, rehabilitating, upgrading, managing of the system, water storage and planning for future growth. It has been 22 years since the last Level I water master plan for Newcastle.

The City of Newcastle is located in Weston County and resides within the Cheyenne River Basin. The city has a population of ~3,500 people and they are served through 1,567 taps within and 39 taps outside the corporate limits. The city is supplied with Madison Formation groundwater from five (5) artesian wells located east of the city and the wells have a total average flowing yield of up to 5,650 gpm (at max. demand of 840 gpcpd). The supplied groundwater is treated by chlorination and stored in three (3) above-ground bolted steel tanks with a combined capacity of 5,370,000 gallons. There are seven (7) pressure zones in the system and booster pumps, as needed.

Some specific items of concern for this Level I Study include:

- Replacing the Divide Avenue Pressure Control Station
- Separating the single water lines that supply each of Tanks 2 and 3 into separate lines
- Modeling the effects of the seven (7) pressure control zones on the distribution system
- Investigate ways to reduce the effects of water hammer and pressure peaking in the system (especially Zone 3; no pressure relief on Zone 2)
- Planning for re-piping Well 3 to supply Tank 1 to connect to the supply line rather than the distribution line
- Planning for the replacement of Tank 1, which dates back to the 1930s, and has leaks when filled
- Modeling adequacy of the transmission lines supplying the distribution system
- Complete GIS mapping, as may be appropriate
- Identifying asbestos/cement (AC) pipe for replacement
- Planning for future growth
- Asset management software
- Meeting the EPA Lead and Copper Rule

The Newcastle Water Master Plan Level I study commenced in April, 2023 and is scheduled for completion August, 2024.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	23	2015	I	\$ 616,400	2020*
Level III	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 hired an engineer to design the project and provide construction management services. Design for the project has been completed. However, due to high bids being received on another project, the town is putting this project on hold until prices stabilize.

The project went out to bid in the summer of 2023, and there were no bids received. After re-analyzing the costs associated with the project, the Sponsor’s engineer suggested the budget was too low and advised the town to seek additional funding. In response, the town will be rebidding the project in late 2023 to provide “active bids” to the commission in a future meeting to justify a request for Sponsor Contingency Funds.

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

**EXISTING AND PRIOR LEGISLATION:**

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

\*67% grant

**PROJECT INFORMATION:**

Prior to this project the City’s current wells barely keep up with the current demands. The addition of Well #5 to the system allows the City to meet current and future demands. The project also assists in the regionalization of water systems within the area (supplying water to Cambria and Sweetwater Improvement and Service Districts). The City of Newcastle also replaced 50 plus year-old cast-iron piping between Wells 1 and 4 during this project.

The design of the well tie-in and new transmission pipelines was completed and a permit to construct was issued prior to bidding the construction work. 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 finally bid in April 2022, and awarded with construction starting in December of 2022. The construction continued through the summer of 2023 and was successfully completed in August of 2023. The project has since been closed out, and archived.

91. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	11	2021	I	\$ 63,000	2024

PROJECT INFORMATION:

Nordic Ranches is located in the lower Star Valley approximately 6 miles south of the town of Alpine. The system serves approximately 173 service tap connections serving a present population of approximately 628. 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 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. The recommendations and findings of this study are summarized as follows:

1. The overall water quality from the three Nordic Ranches wells is excellent and meets EPA and DEQ standards for public drinking water systems (with a single exception of elevated iron in Well No. 1).
2. The current wells have suitable capacity for meeting current and projected demands and water levels and do not indicate mining of the aquifer is occurring to meet demands.
3. The distribution system is in good condition and sizing is adequate to meet current and future demands.
4. Storage capacity is adequate for current demands while future demand (when the population approaches approximately 200 system users) will require an additional 10,000-gallon storage tank.
5. The current system does not support or purport to supply fire flow, in the event that the system would move towards providing fire protection it is recommended that the current tanks be replaced with a single tank with a minimum volume of 175,000 gallons.
6. Minor improvements to conveyances are recommended including installation of pressure gages, additional check valves and sample taps.
7. Should the system start to experience water age concerns; systematic flushing is recommended to create a mixed storage system.
8. Regionalization was considered, but was not determined to be feasible at this time given that Nordic Ranches is relatively isolated and not in close proximity to another domestic water system.
9. To capture institutional knowledge, it is recommended that a GIS based data collection plan be established.

10. Should Nordic Ranches Water LLC water system become available to turn over or sell, it is recommended that Nordic Ranches Community Water and Sewer District make the necessary efforts to acquire the system to become eligible for State and Federal funding for public facilities.

The Nordic Ranches Water Master Plan Study project was completed and closed out December 2022.

**92. 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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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

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 past 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 and should be completed in early 2024.

**93. 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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 Lane 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.

- 94. **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.

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

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

96. **PROJECT:** Orchard Valley Water Master Plan  
**LEVEL:** I  
**SPONSOR:** Orchard Valley Water Company  
**LOCATION:** Laramie County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	186	2023	I	\$ 222,000	2026

PROJECT INFORMATION:

Orchard Valley Water Company is a non-profit entity and Wyoming Public Service Commission authorized company owned and operated by their customers. Orchard Valley Water Company was formed in 1941 and provides tap and drinking water for approximately 108 residences in the southern-most region of Cheyenne, Wyoming. Their system contains two (2) 6” diameter wells (approximately 250 feet deep) and two (2) 5,500-gallon storage tanks. Orchard Valley Water Company requested a Level I water master plan to evaluate the current condition of their 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 was ongoing in 2023 and is scheduled for completion September, 2024.

97. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

Main Pump Station Replacement

The current 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 current Main Pump Station includes the receiving canal and alga screens, the building housing the pumps, buried asbestos concrete pipe, and a high capacity transformer.

The Main Pump Station replacement scope includes the construction of a new lift station building; improvements to the wasteway/sediment sluice; installation of alga screens; new electrical service; four high capacity vertical turbine pumps; 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. This portion of the project primarily focuses on replacing the existing pumps, controls, electrical service, replacement of the existing transformer and piping. A new enclosure at the Re-Lift station is proposed to prolong the lifespan of planned equipment.

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 demolition and in-kind replacement as well as an access bridge replacement is the scope of work for this portion.

The design work has been completed and was bid with one bid received. Owl Creek Irrigation District is reviewing their options for a path forward.

- 98. **PROJECT:** Pavillion Groundwater Supply
- LEVEL: II
- SPONSOR: Town of Pavillion
- LOCATION: Fremont County
- PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 the 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.

While the study commenced in April, 2022, unfortunately, all three (3) well drilling contractor bids received during the bidding process conducted in April, 2023 were above the available funding budgeted in the Level II study. This Level II study was placed on hold, pending an additional appropriation and a contract amendment to provide well construction funding and a time extension of one year to complete the study. A recommendation for a supplemental appropriation of \$429,000 to complete the project was presented to the WWDC and Select Water Committee at their joint November, 2023 meeting in Casper, WY. Having received preliminary approval, the supplemental appropriation will now be inserted into the 2024 Omnibus Water Bill – Planning for consideration by the 2024 Wyoming Legislature and Wyoming



Governor. If the supplemental funding is approved, the well drilling would be rebid and the project would be ongoing during 2024, with completion slated for late 2025.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	7	2002	II	\$ 75,000	2004
Level II	125	2003	II	\$ 80,000	2004
Level III	147/105	2005/06	II	\$ 454,000	2009/10
Level I	186	2023	I	\$ 128,000	2026

PROJECT INFORMATION:

Ranchester receives water from the Tongue River with a surface-water treatment plant. The population of Ranchester has grown significantly since 2002 (the last Water Master Plan). The Town’s system needs to be evaluated to ensure future demands can be met.

This study will provide an inventory and evaluation of the entire water system. The study will also impart the tools and guidance necessary to assist in the planning, rehabilitation, upgrading, and managing of their system. The updated plan will serve as a framework to establish project priorities, perform the appropriate financial planning necessary to meet those priorities, and provide reconnaissance-level information regarding costs and scheduling.

During 2023, work commenced to gather system information and data. GIS mapping has been performed, and work has commenced on the hydraulic model. During this same time, deficiencies were discovered on the main transmission line, and a sponsor-funded feasibility study was completed to evaluate options for replacing the pipeline. Work will continue on the Water Master Plan into 2024.

100. **PROJECT:** **Rawlins Water Master Plan**  
**LEVEL:** I  
**SPONSOR:** City of Rawlins  
**LOCATION:** Carbon County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	19	1984	II	\$ 220,000	- -
Level II	52	1984	I	\$ 200,000	1985
Level III	95/268	1986/89	I	\$ 8,200,000	1989/92
Level II	46	1997	I	\$ 120,000	1998
Level III	38/88/69	1998/02/03	II	\$ 3,810,000	2002/05/06
Level II	75	2005	I	\$ 150,000	2006
Level II	85	2007	III	\$ 100,000	2008
Level III	121	2007	II	\$ 1,727,930	2012

Level I	33	2008	I	\$	150,000	2010
Level III	38/68	2009/10	I	\$	3,900,000	2014
Level III	68/63	2010/11	II	\$	6,600,000	2015
Level I	1	2011	I	\$	200,000	2014
Level I	186	2023	I	\$	250,000	2026

**PROJECT INFORMATION:**

The City of Rawlins receives water from the Sage Creek Springs roughly 30 miles south of the City. In addition, three wells (completed in the Nugget Sandstone), supply water to the same transmission line. Finally, Rawlins utilizes a surface-water intake from the North Platte, which is a common point of diversion for Sinclair water rights, and subject to an Agreement between Rawlins and Sinclair for exchange of water rights for treated municipal water. The City of Rawlins was subject to an EPA Administrative Order in 2022 related to low system pressure.

The Rawlins Water Master Plan was amended into the Omnibus Planning Bill by the Legislative Select Water Committee during their December 7, 2022 meeting, and did not follow the same track as other planning projects from this time period. Therefore, the appropriation amount was “set” by the legislation.

The project will comprehensively evaluate the current state of water sources, transmission and distribution lines, hydrants, valves, and storage. The study will also investigate conveyance losses, develop system mapping, identify improvement projects, and evaluate capital improvement funding sources. The data gathered during this study will help Rawlins develop plans for system improvements and pursue those improvements.

During 2023, the WWDO performed consultant selection for the project, selected a consultant, and the project commenced. Relevant financial information has been obtained, and refinements have been made to the GIS system. In addition, fieldwork has been performed to assess system condition (including subsurface investigations), and additional information is being collected on wellfield performance. This project is expected to continue into 2024.

- 101. PROJECT: River Basin Planning – NHD Plus HR and StreamStats**  
**LEVEL:** I  
**SPONSOR:** State of Wyoming  
**LOCATION:** Statewide  
**PROGRAM:** New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 2023.

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.

StreamStats 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 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. Basin characteristic tools have been completed and the StreamStats application for Wyoming is now live on the USGS website. Phases III, IV and V of this project are ongoing.

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

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 turned in the draft report which is going through an internal review. The project is scheduled for completion early 2024 with final study results to be reported in next year's legislative report.

- 103. PROJECT: Riverton Valley Irrigation District Rehabilitation 2018**  
**LEVEL: III**  
**SPONSOR: Riverton Valley Irrigation District**  
**LOCATION: Fremont County**  
**PROGRAM: Rehabilitation**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	121	2018	II	\$ 542,500	2023*
Level III	180	2023	II	\$ 0	2025**

\*25% grant

\*\*Time extension only

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 Sponsor in 2022 requested and received a time extension in order to complete the project. The project is under construction.

- 104. 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: \*

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 analyzed two segments near the towns of Marbleton and LaBarge in Sublette County. The specific segments were:

- 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. 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 ultimately deemed necessary. The second season of data collection occurred during the 2022 summer and winter seasons.

The results of the daily flow exceedance analyses were used to determine the percentage of time that the flow rate in the stream equaled or exceeded the requested instream flow.

Techniques described in the USGS, Water Supply Paper 1542-A, “Flow Duration Curves” (Searcy, 1959) were used to perform the analysis. The flow duration curves were created by tabulating not only the ‘average years’, but all the daily virgin flow values for each month. Since there are no water rights associated with any of the study segments, the virgin flow is the unappropriated flow analysis. The unappropriated flows were then ranked in descending order, assigned a percentage by dividing the value’s position by the total number of values, and plotted. The table below summarizes the flow duration curve results for each segment. The requested direct flows, the 20% exceedance and the 50% exceedance values are also shown.

Months that have enough unappropriated flow to meet the requested direct flows 20% of the time or more are printed in green, while months that don’t have enough unappropriated flow 20% of the time are printed in red.

Daily Unappropriated Flow Exceedance Summary Tables

	Jan	Feb	Mar	Apr	May	Jun	Jul 1-15	Jul 16-31	Aug	Sep	Oct	Nov	Dec
<b>Rock Creek</b>													
Requested Direct Flow (cfs)	2	2	2	2	2	2	2	2.3	2.3	2.3	2	2	2
% Exceedance Of Reqstd Flow	0.0%	0.0%	3.2%	47.6%	76.2%	72.3%	50.5%	8.6%	0.1%	1.0%	0.2%	0.1%	0.0%
Estimated 20% Exceedance(cfs)	1.2	1.3	1.5	2.4	3.5	4.5	2.5	2.1	1.7	1.5	1.4	1.4	1.3
Estimated 50% Exceedance(cfs)	1.1	1.1	1.2	1.9	2.8	2.9	2.0	1.6	1.3	1.2	1.3	1.2	1.1
<b>Trail Ridge Creek</b>													
Requested Direct Flow (cfs)	1.8	1.8	1.8	3	3	3	3	1.8	1.8	1.8	1.8	1.8	1.8
% Exceedance Of Reqstd Flow	15.7%	18.2%	38.5%	77.7%	90.1%	83.8%	74.0%	74.3%	53.9%	35.9%	41.9%	33.9%	16.5%
Estimated 20% Exceedance(cfs)	1.6	1.7	1.2	14.2	16.8	18.1	16.0	7.9	3.9	2.7	2.5	2.2	1.7
Estimated 50% Exceedance(cfs)	1.0	1.1	1.5	6.0	8.6	9.1	6.5	3.6	2.0	1.4	1.7	1.5	1.1

**Rock Creek;** April through July 15<sup>th</sup> meet the 20% exceedance. While July 16<sup>th</sup> through March do not meet the 20% exceedance.

**Trail Ridge Creek;** March through November meet the 20% exceedance. While December through February do not meet the 20% exceedance.

The draft report for this instream flow study was received in February of 2023. The State Engineer’s Office then held a public hearing on May 25, 2023 and the final project deliverables were received in June of 2023. This project was closed out in October of 2023.

- 105. PROJECT: Salt Creek Transmission Pipeline 2021**  
**LEVEL: III**  
**SPONSOR: Salt Creek Joint Powers Board**  
**LOCATION: Natrona County**  
**PROGRAM: Rehabilitation**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	105	2019	I	\$ 160,000	2022
Level III	12	2021	II	\$ 7,316,400	2026*

\*67% grant only

PROJECT INFORMATION:

Salt Creek Joint Powers Board (SCJPB) has a 7-mile stretch of transmission pipeline that needs to be replaced because 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 JPB obtained ARPA (Local Government) funding for a majority of the remaining funding needed for the project. Funding through ARPA is required to be obligated by October of 2024 and spent by December of 2026. This project is in design and is expected to meet the ARPA deadlines, with construction beginning in Summer of 2024.

- 106. PROJECT: Sheridan Area Water Supply Transmission 2020**  
**LEVEL: III**  
**SPONSOR: City of Sheridan**  
**LOCATION: Johnson County**  
**PROGRAM: New Development**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 design is complete and the city has all the necessary easements for the project. However, the final project cost estimated has the City questioning the benefit of the project at current construction prices.

- 107. **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:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 have 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.

- 108. PROJECT: Sheridan Transmission Main Extension 2023**  
**LEVEL:** III  
**SPONSOR:** City of Sheridan  
**LOCATION:** Sheridan County  
**PROGRAM:** New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	94	2018	I	\$ 250,000	2021
Level III	180	2023	I	\$ 213,060	2028

**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.

This water transmission main was identified in the 2019 Sheridan Water System Master Plan level I study. The transmission pipeline will be an extension through an area that does not currently have a transmission main with a location or capacity to properly serve the area. It will provide major water transmission improvements to the Northeast side of Sheridan to meet domestic needs, improve health & safety, improve pressure, and increase fire flows in the area. The extension will complete a Transmission Loop for the city improving supply, redundancy, water quality, and pressure to a major pressure zone in the system, which is otherwise served by older water mains. The City has entered into an agreement with an engineer, who is working on producing easement documents, and starting design.

- 109. PROJECT: Shoshone Irrigation District Improvements 2021**  
**LEVEL:** III  
**SPONSOR:** Shoshone Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	12	2021	II	\$ 240,000	2026*
Level III	180	2023	II	\$ 89,000	2026*

\*100% grant only, materials only

**PROJECT INFORMATION:**

The Shoshone Irrigation District has systematically requested funding to complete the rehabilitation projects identified in a 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. The 2023 omnibus water bill allocated \$89,000 as a project amendment for the completion of lateral 12F. This work has been bid and awarded and construction of the project is expected during the Winter 2023-2024 construction season.

- 110. PROJECT: Shoshone Irrigation District Rehabilitation 2019**  
**LEVEL:** III  
**SPONSOR:** Shoshone Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	55	2019	II	\$ 181,000	2024*
Level III	186	2023	II	\$ 101,000	2024*

\*100% grant only, materials only

**PROJECT INFORMATION:**

The Shoshone Irrigation District has systematically requested funding to complete the rehabilitation projects identified in a 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 needed 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.

Construction of the drop structures and ditch segment BOV1 was completed in 2020. The 2023 omnibus water bill allocated \$101,000 as a project amendment for the completion of lateral 16U. This work has been bid and awarded and construction of the project is expected during the Winter 2023-2024 construction season.

- 111. **PROJECT:**                    **Shoshoni Groundwater Supply & Transmission**
- LEVEL:**                        **II**
- SPONSOR:**                    **Town of Shoshoni**
- LOCATION:**                    **Fremont County**
- PROGRAM:**                    **Rehabilitation**

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	123	1990	II	\$ 75,000	1993
Level III	231	1991	II	\$ 740,000	1996
Level I	150	2020	I	\$ 157,000	2023
Level II	186	2023	II	\$ 249,000	2026

**PROJECT INFORMATION:**

The Town of Shoshoni is located in Fremont County and lies within the Wind River Basin. The Town has a population of 515 people and they are served through 370 taps within the corporate limits. The Town is supplied with Wind River Formation groundwater from four wells located west of the Town and the wells have a total average yield of 785 gpm. The supplied groundwater is treated by chlorination and stored in an above-ground welded steel tank with a capacity of 500,000 gallons also located west of the Town. The 10-inch PVC transmission line conveys water from the wells to the tank and then to the town’s distribution system.

During the recently completed August 2021 Shoshoni Level I Water Master plan, it was determined that the natural groundwater gases (methane, carbon dioxide, etc.) produced by Well No. 6 are likely contributing to the spiral breaking of the transmission line between the wells and the tank. It was decided that further study of the surging could benefit the town’s ability to create a better design for relieving the pressure as well as assuring that any surges do not break the transmission line. (Recommendation #1 from the Level I master plan: Determining the exact cause, and finding the correct solution for, the continued transmission line breaks between Well No. 6 and the water storage tank.)

The Town of Shoshoni requested a Level II feasibility study to investigate the repeated surging and breaking of the transmission line from the wells to town. This study will also prepare and recommend mitigation solutions to prevent the problem with system improvements. The Level II study commenced in April, 2023, and will continue into 2024 with the final report and deliverables due by September 1, 2024.

112. **PROJECT:** Sidon Irrigation District Master Plan  
**LEVEL:** I  
**SPONSOR:** Sidon Irrigation District  
**LOCATION:** Big Horn and Park Counties  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level II	74	1993	II	\$ 75,000	1995
Level III	206	1995	II	\$ 1,060,000	1998
Level III	88	2002	II	\$ 217,000	2007
Level III	75	2008	III	\$ 295,000	2014
Level III	100	2014	II	\$ 109,000	2019
Level III	55	2016	II	\$ 352,500	2021
Level III	75	2017	II	\$ 483,000	2022
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
Level I	186	2023	II	\$ 177,000	2026

PROJECT INFORMATION:

The Sidon Irrigation District requested a reconnaissance study to determine the current condition and future needs for agricultural water delivery to over 600 landowners. The Sidon Canal originates at a headgate on the Shoshone River on the Park County line and extends for approximately 35 miles until it empties into a ravine which is tributary to Blue Wash. The Level I study is examining the condition of the irrigation conveyances, turnouts, and other structures to provide the District with guidance for planning and phasing future rehabilitation and upgrades.

The Sidon Canal was constructed in the early 1900s and has not had a planning study completed since 1994. The District has completed numerous projects including improvements at points of diversion and canal rehabilitation since the original plan. The physical structure of known weak points on the canal is a concern and efficiency of the system is questionable. The geology of the area includes very rocky and porous soils which are the suspected cause of significant seepage. Work in this fiscal year has included project scoping, GIS mapping, and assessment of infrastructure condition. This project is ongoing and a final report is anticipated in 2024.

113. **PROJECT:** Sidon Irrigation District Rehabilitation 2021  
**LEVEL:** III  
**SPONSOR:** Sidon Irrigation District  
**LOCATION:** Big Horn and Park Counties  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	12	2021	II	\$ 576,000	2026*

\*100% grant only, materials only

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 majority of the construction was completed during the Winter 2022-2023 construction season and the final construction work is expected during the Winter 2023-2024 construction season.

- 114. PROJECT: Sidon Irrigation District Sidon Canal 2020**  
**LEVEL:** III  
**SPONSOR:** Sidon Irrigation District  
**LOCATION:** Big Horn County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	113	2020	II	\$ 1,060,000	2025*
Level III	186	2023	II	\$ 651,000	2025*

\*100% grant only, materials only

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 still too high. The 2023 omnibus water bill allocated \$651,000 as a project amendment for the completion of the project. The District is currently seeking outside funding through BOR or NRCS to assist with the construction costs. Once all funding is secured the project will be rebid for the required materials. Construction is expected in the Winter 2024-2025 construction season.

- 115. PROJECT: Silver Lake Dam Rehabilitation**  
**LEVEL:** II  
**SPONSOR:** Silver Lake Irrigation District  
**LOCATION:** Sublette County  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 have been developed. Subsequently, as required by NEPA for permitting of construction activities, a second Environmental Assessment is being conducted to analyze the rehabilitation alternatives along with another MRA. Work on these tasks is ongoing. 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.

Concurrent to the events described above, the District applied for and received (Natural Resources Conservation Service (NRCS) Public Law (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 alternative, 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.

116. **PROJECT:**                    **Small Water Development Projects**  
**LEVEL:**                            III  
**SPONSOR:**                        Numerous  
**LOCATION:**                         Statewide  
**PROGRAM:**                        New Development/Rehabilitation

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>
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	180	2023	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	Funding Approval Date	Funding Account	Project Expiration Date
Blue Spring	20-Mar-20	I	31-Dec-23
Lower Snake River Ranch Bank Stabilization & Fish Habitat	20-Mar-20	I	31-Dec-24
Trough Springs Pond	20-Mar-20	I	31-Dec-23
Upper Blue Spring	20-Mar-20	I	31-Dec-23
Anderson Stock Pipeline	19-Mar-21	I	31-Dec-23
Broadbent Spring Development	19-Mar-21	I	31-Dec-23
Cuin Livestock Pipeline 2021	19-Mar-21	I	31-Dec-23
Doty Mountain Stock Water Well	19-Mar-21	I	31-Dec-24
Duck Pond No 6 Enlargement	19-Mar-21	I	31-Dec-24
Evans Stock Water Pond & Pipeline	19-Mar-21	I	31-Dec-24
HE Irrigation	19-Mar-21	I	31-Dec-24
High Savery Dam Tailwater Restoration 2021	19-Mar-21	I	31-Dec-23
HL Irrigation Pipeline	19-Mar-21	I	31-Dec-24
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
MS Stock Water Pipeline Extension	19-Mar-21	I	31-Dec-24
North Baggs Grazing Allotment Stock Water Pipeline 2021	19-Mar-21	I	31-Dec-23
Page Well & Pipeline	19-Mar-21	I	31-Dec-23
Roaring Fork Sheep Pipeline	19-Mar-21	I	31-Dec-23
Snowbank Stock Water Well	19-Mar-21	I	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
Cotton Farms Diversion & Pipeline	19-Mar-21	II	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
Section 16 Stock Well Conversion	19-Mar-21	II	31-Dec-23
789 Irrigation Pipeline	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
Clark Stock Extension	16-Mar-22	I	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
Dad Juniper Livestock Pipeline North	16-Mar-22	I	31-Dec-24
Dad Juniper Livestock Pipeline South	16-Mar-22	I	31-Dec-24
Deselms Stock Water	16-Mar-22	I	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
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
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
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
McNiven Pipeline	16-Mar-22	I	31-Dec-24
Mesa Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Nicholas Solar Pump Pipeline & Tank	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
Repshire South Pasture Stock Water	16-Mar-22	I	31-Dec-24
Salamander Well No 1	16-Mar-22	I	31-Dec-24

Springfield Ranch Livestock Water Improvement	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
Willie Ditch Lining	16-Mar-22	I	31-Dec-24
Clear Creek - Powder River Stockwater Development	16-Mar-22	II	31-Dec-24
Dana Meadows Stock Water Development	16-Mar-22	II	31-Dec-24
Dew Homestead Dike Wetland Rehabilitation & Enhancement	16-Mar-22	II	31-Dec-24
Gilchrist Ditch No 1	16-Mar-22	II	31-Dec-24
Horse Creek - Horse Creek Lateral Diversion	16-Mar-22	II	31-Dec-24
RR Water Control Structures	16-Mar-22	II	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
Yellowcalf Diversion Structure/Blackburn Ditch Pipeline	16-Mar-22	II	31-Dec-24
Ame Longwell Irrigation Project	15-Mar-23	I	31-Dec-25
Barker Road Stockwater Development	15-Mar-23	I	31-Dec-25
Big Goose Creek Drain Conversion & Stock Water Development	15-Mar-23	I	31-Dec-25
Bow Fiddle Stream Restoration Phase 1	15-Mar-23	I	31-Dec-25
Cattail Ranch Gusher Pasture Water Project	15-Mar-23	I	31-Dec-25
Cheyenne Business Park Natural Area - Urban Pond	15-Mar-23	I	31-Dec-25
Chip Axtell Copper Mountain Project	15-Mar-23	I	31-Dec-25
Cobb Ranch Pipeline 2023	15-Mar-23	I	31-Dec-25
Cobb Savery Stock Water Well & Pipeline 2023	15-Mar-23	I	31-Dec-25
Criswell Bank Stabilization	15-Mar-23	I	31-Dec-25
Cull Place Stock Water Well & Pipeline 2023	15-Mar-23	I	31-Dec-25
Deep Gulch Water Well Pipeline & Trough	15-Mar-23	I	31-Dec-25
Dewitt Land & Cattle Stock Water Development	15-Mar-23	I	31-Dec-25
Dry Creek Restoration	15-Mar-23	I	31-Dec-25
Duck Creek Grazing Solar Well	15-Mar-23	I	31-Dec-25
Eagle Rock Transmission Pipe	15-Mar-23	I	31-Dec-25
Enterprise Ditch - Deadman Gulch Lateral Pipeline	15-Mar-23	I	31-Dec-25
Grieve Reservoir Ditch Piping	15-Mar-23	I	31-Dec-25
Heward 7E HQ Channel Restoration	15-Mar-23	I	31-Dec-25
Heward 7E North Fork Realignment	15-Mar-23	I	31-Dec-25
Hi - Allen Ranch Stock Water Development 2023	15-Mar-23	I	31-Dec-25
Horse Creek Cattle Co - Islay Water Project	15-Mar-23	I	31-Dec-25
Jep Canyon Stock Water Well 18-90-11	15-Mar-23	I	31-Dec-25
Johnson Creek No 1 Ditch Irrigation Conveyance	15-Mar-23	I	31-Dec-25
K Triangle Ranch Chip Axtell Hazen Draw	15-Mar-23	I	31-Dec-25
Kennedy Stock Water Development	15-Mar-23	I	31-Dec-25



Kirby Creek Ranch Copper Mountain Spring & Pipeline Project	15-Mar-23	I	31-Dec-25
Lakeside Lodge Marina Expansion Project	15-Mar-23	I	31-Dec-25
Larson Cattle Irrigation Pond	15-Mar-23	I	31-Dec-25
McCary Stock Water Well	15-Mar-23	I	31-Dec-25
Mike Kimsey Pipeline & Spring Project	15-Mar-23	I	31-Dec-25
Myers Cattle Livestock Pipeline Wild Horse	15-Mar-23	I	31-Dec-25
Myers Cattle Pipeline Extension	15-Mar-23	I	31-Dec-25
Myers Ranch State Stock Water Well	15-Mar-23	I	31-Dec-25
Prairie Dog - Wildcat Creek Stock Water Development	15-Mar-23	I	31-Dec-25
Purple Sage LLC Well & Pipeline	15-Mar-23	I	31-Dec-25
Repshire NE Stock Well	15-Mar-23	I	31-Dec-25
Repshire SE Stock Well	15-Mar-23	I	31-Dec-25
Reservoir No 25	15-Mar-23	I	31-Dec-25
River Bend Ranch Restoration & Passage Project Phase 2	15-Mar-23	I	31-Dec-25
Rodriguez Bank Stabilization	15-Mar-23	I	31-Dec-25
Sawyer Anderson Pipeline Project	15-Mar-23	I	31-Dec-25
Shoun Spring Diversion	15-Mar-23	I	31-Dec-25
Snowbank Pipeline	15-Mar-23	I	31-Dec-25
Snowshoe Canyon Stock Water Well 18-90-21	15-Mar-23	I	31-Dec-25
Stocks Spring Development & Pipeline	15-Mar-23	I	31-Dec-25
Upper Big Gulch East / Banjo Spring Solar Pump	15-Mar-23	I	31-Dec-25
Val Husky Lateral of Cemetery Ditch Relocation	15-Mar-23	I	31-Dec-25
Windmill Stock Water Well & Pipeline	15-Mar-23	I	31-Dec-25
BLM Solar Pump No 9	15-Mar-23	II	31-Dec-25
Cobb Ranch Diversion 2023	15-Mar-23	II	31-Dec-25
Daisy Springs Ranch Pump & Pipeline	15-Mar-23	II	31-Dec-25
Downer Ditch Diversion Rehabilitation	15-Mar-23	II	31-Dec-25
Heitchen & May Ditch Point of Diversion & Ditch to Pipeline	15-Mar-23	II	31-Dec-25
Muddy Creek / Red Wash Diversion Structure 2023	15-Mar-23	II	31-Dec-25
Nicholson Ranch Solar & Tank	15-Mar-23	II	31-Dec-25
Nield String Sprinkler Pipeline Replacement	15-Mar-23	II	31-Dec-25
North Antelope Drainage Pipeline	15-Mar-23	II	31-Dec-25
Purple Sage BLM Spreader Dike Rehabilitation	15-Mar-23	II	31-Dec-25
Rabou Solar Conversion	15-Mar-23	II	31-Dec-25
Robert Zullig Ditch Rehabilitation	15-Mar-23	II	31-Dec-25
Silver Lake Restoration	15-Mar-23	II	31-Dec-25
South Baggs Grazing Allotment Pond Rehabilitation 2023	15-Mar-23	II	31-Dec-25
Steve Geni Lower Ditch Siphon	15-Mar-23	II	31-Dec-25
Wildcat Reservoir & Wetland Enhancement	15-Mar-23	II	31-Dec-25
WS Ditch Lining Clark	15-Mar-23	II	31-Dec-25
WS Ditch Lining Montgomery's	15-Mar-23	II	31-Dec-25

117. **PROJECT:** South End Water Users ISD Pipeline 2023  
**LEVEL:** III  
**SPONSOR:** South End Water Users Improvement & Service District (SEWU-ISD)  
**LOCATION:** Big Horn County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	168	2015	I	\$ 135,000	2018
Level II	150	2020	I	\$ 142,000	2023
Level III	186	2023	I	\$ 307,800	2028*

\*67% grant only, pre-construction costs only

PROJECT INFORMATION:

This project is more completely described as the Lane 9 Extension & West End Tie-In Project. The project would allow the addition of approximately 27 new water taps (84 total taps) to the South End Water Users Improvement and Service District (SEWU-ISD). The project will also; create a pipeline loop in the water line for both the SEWU-ISD and the Town of Cowley, increase the quality/pressure of the water to both systems; and also create a potential emergency connection for the Shoshone Municipal Pipeline (SMP) and the Northwest Rural Water (NWRW) systems.

The ISD has completed an application to the Drinking Water State Revolving Fund program in order to secure the remaining 33% of project funding needed to finance the project and the application has been approved. Design of the project is expected during the Winter of 2023-2024. Once the design has reached the 50% stage and easements/rights-of-way have been obtained, the ISD is expected to apply for construction funds. Construction is expected in the Summer 2025 construction season.

118. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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	180	2023	I	\$ 4,000,000	2027††
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	180	2023	II	\$ 1,200,000	2027††

Sponsor's Contingency	113	2020	III	\$ 10,000,000	2030††
Sponsor's Contingency	93	2022	III	\$ 25,000,000	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.

- 119. PROJECT: State Water Plan**  
**LEVEL:** I  
**SPONSOR:** State of Wyoming  
**LOCATION:** Statewide  
**PROGRAM:** New Development

**EXISTING AND PRIOR LEGISLATION:**

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

- 120. PROJECT:** Statewide Water Research  
**LEVEL:** I  
**SPONSOR:** State of Wyoming  
**LOCATION:** Statewide  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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
Level I	186	2023	I	\$ 442,820	2026

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:

- High Resolution Upland and Riverbank Erosion Monitoring to Inform Best Management Practices that Seek to Reduce Sediment Accumulation at the Willwood Dam
- Evaluating Toxicity of Harmful Cyanobacterial Blooms in Wyoming Lakes and Reservoirs
- 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

**121. PROJECT: Tillard Canal Master Plan**  
**LEVEL: I**  
**SPONSOR: Tillard Canal Company**  
**LOCATION: Big Horn County**  
**PROGRAM: Rehabilitation**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	186	2023	II	\$ 173,000	2026

PROJECT INFORMATION:

The Tillard Canal Company (Company) requested a reconnaissance study to determine the current condition and future needs for agricultural water delivery to 12 landowners. The Big Horn River provides water to the canal via portable pumps. The canal is estimated to be seven miles in length and provides irrigation water by gravity flow to approximately 1,000 acres of crops and pasture. It is estimated that there are approximately 14 headgates on the canal.

The Level I study is examining the condition of the irrigation conveyances and pumping equipment to provide the Company with guidance for planning and phasing future rehabilitation and upgrades. The study will also outline options for the Canal Company to become a public entity. Work to date has included mapping and assessment of infrastructure, research regarding entity formation and preliminary design work on water delivery system. This project is ongoing and is scheduled for completion in 2024.

**122. PROJECT: Torrington Well Connection 2021**  
**LEVEL: III**  
**SPONSOR: City of Torrington**  
**LOCATION: Goshen County**  
**PROGRAM: New Development**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 from 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, as the City has secured ARPA funding for the project to cover the cost of the chosen treatment system. Design should be completed this winter with bidding and construction planned for the spring and summer of 2024 respectively.

- 123. PROJECT: Upton Water Master Plan**  
**LEVEL: I**  
**SPONSOR: Town of Upton**  
**LOCATION: Weston County**  
**PROGRAM: New Development**

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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.

This Level I study commenced in May, 2021 and was completed and closed out October 2023. The highest priority finding of this Level I study was the recommendation for a Level II test Madison well located near the west side elevated tank, upon submittal of a Level II application to the WWDC by the Town of Upton. The Level I study also recommended two (2) future transmission pipeline projects (along Pine and Cedar Streets) and a future 200,000-gallon tank replacement for Tank #2. Total costs of these recommended system improvements are approximately \$4,374,000.

- 124. PROJECT: Wardwell Water Master Plan**  
**LEVEL: I**  
**SPONSOR: Wardwell Water and Sewer District**  
**LOCATION: Natrona County**  
**PROGRAM: New Development**



EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level III	105/75/63	2006/08/11	I	\$ 4,602,900	2010/11/13
Level I	186	2023	I	\$ 151,000	2026

PROJECT INFORMATION:

Wardwell is located north of Casper, stretching along the old Salt Creek Highway north to the historic Wardwell Airport Field, including the Town of Bar Nunn. Wardwell receives water from the Central Wyoming Regional Water System (CWRWS).

The Water Master Plan will evaluate the current condition of their water system and to provide tools and guidance necessary to assist with planning, rehabilitation, upgrading and managing the water system. The plan will also provide reconnaissance-level information regarding costs, scheduling, project priorities and cost estimates for system improvements.

During 2023, the Sponsor began efforts to dissolve the Water and Sewer District. During the interim, the system is being maintained by staff of Bar Nunn. If the dissolution is ultimately successful, it is anticipated that Bar Nunn will own and operate the water system. During 2023, relevant historic data was gathered (including data from CWRWS), and work has begun to compile the GIS system and refine the hydraulic modeling package. It is anticipated the project will continue into 2024.

125. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 provided a comprehensive assessment of the system(s) and prioritized major maintenance and rehabilitation projects. Project findings and recommendations include the following:

- **Diversion and intake structure improvements**-Projects include rehabilitating the diversion structure, installing a new screen, and replacing portions of the systems mainlines. The current state of the diversion and intake structures are the most time-consuming maintenance item for the two entities.

- **Distribution system improvements**-Projects include transmission line replacement, valve replacement and improvements, and addressing water hammer. Due to the cost associated with pipeline replacement a phased approach is recommended.
- **Implementation of administrative policies**-Several topics to protect users from unnecessary maintenance and water shortage are proposed including limiting new mainlines, penalties for overuse of water, monitoring water use on small lots and right-of-way encroachment.
- **Public entity formation and eligibility for project funding**-Options for becoming a public entity, as defined by Wyoming Statute, were presented to the Sponsor. The most appropriate entity was determined to be an Irrigation District. During the course of the study West Afton Sprinkler Company reorganized as an Irrigation District under a separate initiative. Pursuance of entity formation by Nield String would need to be a local sponsor drive initiative outside of this study. However, forming a District alone will not address the 1,000-acre minimum funding requirement from the WWDC. To meet the minimum 1,000-acre requirement, the West Afton Irrigation District and a future Nield String Irrigation District must acquire additional water righted acres or combine to form a single district.

The West Afton/Nield String Master Plan Study project was completed and closed out October 2023.

126. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 Wyoming Department of Environmental Quality (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 National Resources Conservation Service (NRCS) Public Law (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 – Environmental Impact Statement (EIS) that will address the issues and analyze a range of alternatives for the West Fork Reservoir Project and associated USDA Forest Service (USFS) administrative Land Exchange. This work is underway and progressing.

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.

127. **PROJECT:** Wheatland Water Master Plan  
**LEVEL:** I  
**SPONSOR:** Town of Wheatland  
**LOCATION:** Platte County  
**PROGRAM:** New Development

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 the financial planning necessary to meet those priorities. The study also includes a plan to accommodate future growth and provides reconnaissance level information regarding costs and scheduling.

The water master plan identified the system's problems such as storage, transmission, and distribution. Specific system concerns included: 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 Level I water master plan conducted a detailed analysis of the entire water system, including proposed improvements to the supply, transmission, and storage systems. The improvements included modifications to the water system to address operational deficiencies and replace aging and undersized system components:

- Replace the leaking Black Mountain storage tank (approximately \$6,239,000)
- Construct a new 12-inch North Transmission Pipeline Loop (Approximately \$2,852,000)
- Construct a new Black Mountain Transmission Pipeline Loop (Approximately \$2,145,000)
- Construct a new 8-inch distribution pipeline from Dower Road to Cedar Street (Approximately \$2,839,000)
- Construct a new 8-inch distribution pipeline from Cedar Street to Gilchrist Street (Approximately \$3,435,000)
- Construct a new 8-inch distribution pipeline from Gilchrist Street to South Street (Approximately \$996,000)
- Construct a new 8-inch distribution pipeline from South Street to Cottonwood Avenue (Approximately \$2,496,000)
- Construct a new 8-inch distribution pipeline from the cemetery south to Rick's Tracks (Approximately \$869,000)

This study identified the replacement of the Black Mountain storage tank as the highest priority for the Town of Wheatland. The current tank has severe leakage problems which are causing safety issues as the tank site is continuing to erode. An elevated welded steel tank would correct these issues and position the Town for future development. The Town of Wheatland submitted a Level III construction application to the WWDC in August 2023 for the tank replacement construction funding. The WWDC Level I Water Master Plan Study for the Town of Wheatland was closed out October, 2023.

128. **PROJECT:** Willwood Irrigation District Rehabilitation  
**LEVEL:** II  
**SPONSOR:** Willwood Irrigation District  
**LOCATION:** Big Horn & Park Counties  
**PROGRAM:** Rehabilitation

EXISTING AND PRIOR LEGISLATION:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
Level I	75	2005	II	\$ 50,000	2006
Level II	85	2007	II	\$ 250,000	2008
Level II	33	2008	II	\$ 150,000	2010
Level III	38	2009	II	\$ 284,000	2014*
Level III	68	2010	II	\$ 746,000	2015*
Level III	63	2011	II	\$ 754,000	2015*
Level III	63	2011	II	\$ 210,000	2016**
Level III	14	2012	II	\$ 1,410,000	2017**
Level I	74	2014	II	\$ 160,000	2016
Level III	100	2014	II	\$ 164,000	2019*
Level III	55	2016	II	\$ 533,000	2021*
Level II	186	2023	II	\$ 346,000	2026

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

\*\*67% grant, 33% loan

PROJECT INFORMATION:

The Willwood Irrigation District (WID) struggles to deliver water to their users due to the age and configuration of the Willwood dam and canal system. Over the last 5 years considerable coordination with partners have identified operation and system improvement opportunities that need further development. The projects include comparison of continued operation of, and sediment mobilization at, Willwood Dam; rehabilitation needs of the dam; and the feasibility of an alternate diversion replacing the dam. In addition, identification of efficiency projects on the District's laterals and other infrastructure would eliminate mid-season peak delivery shortages and delivery challenges. Efficiency projects could include rehabilitation/replacement of existing structures; modification to the canal's alignment in areas; and addressing sediment inputs into the canal system from tributaries that drain into the canal.

During this study the Willwood Dam will be evaluated and rehabilitation needs will be identified; additionally, an investigation into the potential for a structure to replace the Dam will be conducted. If there is a potential for replacing the Dam, a reconnaissance level cost estimate will be developed for comparison to Dam rehabilitation costs. This study will focus on multiple structures within the district to determine the feasibility for either rehabilitation or replacement. There are two locations that contribute sediment to cobble-size material into the District's main canal. Those two locations will also be evaluated for alternatives to reduce the input of sediment and rock. The study received notice to proceed in May of 2023 and is progressing.

129. **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:

<u>Purpose</u>	<u>Chapter</u>	<u>Session</u>	<u>Account</u>	<u>Appropriation</u>	<u>Due Date</u>
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 (BIA) 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 received additional funding for the project from the BIA and is requesting 1 year of additional time for the construction of the 37-C structure.

# **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](http://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 Horn Regional Transmission
25. Big Laramie River Oasis Ditch Diversion Rehabilitation
26. Big Sandy Enlargement
27. Big Sandy Watershed Study
28. Big Valley & Crossed Arrows Improvement District Water Supply
29. Big Wind River Storage Study
30. Bitter Creek/East Flaming Gorge Watershed Study
31. Black Willow Water Supply
32. Blacks Fork Watershed Study
33. Bluff/Upper Bluff Irrigation Districts Master Plan
34. Boulder Flats Water Supply
35. Boulder Irrigation District Rehabilitation
36. Boulter Lake Enlargement
37. Bridger Valley Level II Reservoir Project
38. Bridger Valley Regional Water Master Plan
39. Bridger Valley Water Supply
40. Broken Wheel Ranch Master Plan
41. Buckskin Extension Master Plan/Gillette Regional
42. Buffalo Creek Watershed Study
43. Buffalo Groundwater Supply
44. Buffalo Master Plan
45. Buffalo Northwest Water Supply
46. Buffalo, Sheridan Area Water Supply System, and Lake DeSmet Regional Master Plan



47. Burns Water Supply
48. Byron Master Plan
49. Byron Rural Water Supply
50. Cambria/Sweetwater Water Supply
51. Canyon/Newcastle Area Water Supply
52. Casper Alcova Rehabilitation, GIS
53. Centennial Well and Master Plan
54. CBM Aquifer Storage and Retrieval
55. Cheyenne Belvoir Ranch Groundwater
56. Cheyenne Hydro Power
57. Cheyenne/Laramie County Water Service Area
58. Cheyenne Municipal Storage
59. Clear Creek Watershed Study
60. Clearmont CBM Impact
61. Clearmont Test Well Study
62. Cody Canal Irrigation District Hydropower
63. Cody Canal Laterals
64. Cody Canal Rehabilitation, GIS
65. Cody Master Plan
66. Cody Water Master Plan
67. Cokeville Reservoir
68. Cokeville Tri-Diversion Rehabilitation
69. Corner Mountain Test Well
70. Cottonwood/Grass Creek Storage
71. Cottonwood/Grass Creek Watershed Management Plan
72. Cottonwood Irrigation District Master Plan
73. Cottonwood Lake Enlargement
74. Cowley Master Plan
75. Crook County Reservoirs and Water Management
76. Crook County Rural Water Supply Plan
77. Crow Creek Groundwater Recharge
78. Crowheart Area/Dinwoody Canal System
79. Dayton Raw Water Irrigation
80. Deaver Irrigation District Master Plan Update
81. Deaver (Town of ) Master Plan
82. Deer Creek Dam and Reservoir
83. Dixon Water Supply
84. Douglas Ground Water
85. Douglas Master Plan
86. Dry Creek Irrigation District Master Plan
87. Dubois Regional Water Supply
88. Eden Valley (Farson) Master Plan Level I
89. Eden Valley (Farson) Master Plan Level II
90. Eden Valley Irrigation District Master Plan
91. Eight Mile-High Plains Well
92. Encampment/Sierra Madre Water Supply
93. Enterprise Conservation Program
94. Evanston Water Master Plan
95. Evansville Master Plan
96. Fontenelle Pipeline
97. Fort Laramie Water Supply
98. Fox Ridge Extension Master Plan/Gillette Regional
99. Frannie Raw Water

100. Frannie Well Rehabilitation
101. Gillette Regional Connections
102. Gillette Regional Master Plan
103. Gillette Water System Improvements
104. Glenrock Master Plan
105. Goose Creek Watershed Study
106. Goshen Irrigation District Master Plan 2006
107. Goshen Re-regulating Reservoir
108. Grace Land Extension Master Plan/Gillette Regional
109. Granger Water Supply
110. Green River Basin Plan-Groundwater
111. Green River Basin Plan-Update
112. Green River Decision Support System Feasibility Study
113. Green River Groundwater Recharge and Alternate Storage
114. Green River-Rock Springs-Sweetwater County Master Plan
115. Green River/Rock Springs/Sweetwater County JPWB Pipeline Feasibility Study
116. GR/RS/SC JPWB Pump Station & Transmission
117. GR-RS-SC JPB Water Supplies
118. Green River/Rock Springs/Sweetwater County JPWB Wind River Zone Study
119. Green River West Water Supply
120. Greybull Raw Water
121. Greybull River Watershed Study
122. Greybull Tank and Master Plan
123. Greybull Valley Hydropower
124. Greybull Valley Irrigation District Storage Enlargement
125. Greybull Valley Rehabilitation, GIS
126. Greybull Valley Sunshine Diversion
127. Greybull Wells Rehabilitation
128. Guernsey Master Plan
129. Hanna Water System Level I
130. Hanna Water System Level II
131. Hanover ID Bighorn Flume Replacement
132. Hanover Irrigation District Master Plan
133. Happy Valley Water Supply
134. Hawk Springs Master Plan
135. Hawk Springs Water Supply
136. Heart Mountain Canal Rehabilitation
137. Heart Mountain Irrigation District Master Plan
138. Heart Mountain ID Return Flow Study
139. Heart Mountain Rehabilitation
140. Highland Hanover ID Pump Station
141. High Meadow Ranch, Level II
142. High Meadow Ranch Master Plan
143. Hoback Junction Rural Regional Master Plan
144. Hoback Junction Water Supply
145. Hog Island Water Master Plan
146. Hopkins Producers Irrigation District Reservoir Study
147. Horse Creek Watershed Study
148. Hot Springs State Park, Big Springs Study
149. Hyattville Water Supply
150. Indian Paintbrush Water Supply
151. Interstate Canal and Beaver Meadows Reservoir Rehabilitation
152. Irrigation Hydro Power

153. James Town/Rio Vista Water Supply
154. Jeffrey City Water Supply
155. Jons Drop Hydropower
156. Kaycee Well & Storage
157. Kemmerer-Diamondville Master Plan
158. Kemmerer/Diamondville Water Supply
159. Kennington Springs
160. Keystone and Farmers Canal Master Plan
161. Kirby Area Water Supply Study
162. Kirby Creek Watershed Study
163. Kirby Ditch Rehabilitation
164. Kirby Irrigation District Conservation Program
165. Kirby Municipal Master Plan
166. LaBarge Water Supply
167. LaGrange Water Master Plan
168. Lake DeSmet Facilities Acquisition
169. Lake DeSmet / Healy Reservoir Utilization
170. Lakeview Irrigation Master Plan
171. Lance Creek Water Supply
172. Lance Creek Well
173. Lander Master Plan
174. Lander Paleozoic Well
175. Lander Test Well Study
176. LaPrele Irrigation District Master Plan
177. Laramie County Aquifer Study
178. Laramie Water Management Study
179. Laramie Master Plan
180. LeClair Irrigation District Master Plan
181. LeClair/Riverton Valley Irrigation Storage
182. Little Snake Canals
183. Little Snake River Valley Municipal Water Supply
184. Little Snake River Watershed Study
185. Little Snake Supplemental Storage
186. Little Wind River Storage Study
187. Lodgepole Creek ASR
188. Lovell ID Hydro Power
189. Lovell ID Master Plan
190. Lovell Master Plan
191. Lower Clear Creek Irrigation District – Leiter Ditch Rehabilitation Study
192. Lower Laramie River Watershed Study
193. Lower Nowood Rural Water Supply
194. Lower Shoshone Watershed Study
195. Lucerne Water Supply
196. Lusk Master Plan
197. Lusk Water Supply Study
198. Lysite Water Supply
199. Manderson Water Master Plan
200. Manville Water Supply
201. Manville Well
202. Means First Extension Master Plan/Gillette Regional Connection
203. Meeks Cabin Dam Enlargement
204. Medicine Bow River Watershed Study
205. Meeteetse Master Plan

206. Melody Ranch Water Supply Study
207. Middle Big Horn River Watershed Study
208. Middle Fork Dam
209. Middle Fork Powder Watershed Management Plan
210. Middle North Platte – Glendo Watershed Study
211. Middle North Platte Watershed
212. Middle Piney Dam Reservoir
213. Midvale Conservation Program
214. Midvale Irrigation District Hydropower Study
215. Moorcroft Master Plan
216. Newcastle Madison Well
217. New Fork River Watershed Study
218. Niobrara/Lower North Platte Rivers Watershed Study
219. North Canal-Grover
220. North Cheyenne Master Plan
221. North Fork Shoshone Water Supply
222. North Platte Water Yield Analysis
223. Northeast Wyoming Interactive Database
224. Northern Arapaho Ground Water
225. Northwest Rural Water Master Plan
226. Nowood River Watershed Study
227. Opal Master Plan
228. Opal Regional Water Supply
229. Osage Water Master Plan
230. Owl Creek Irrigation District Conservation Study
231. Owl Creek Irrigation District Lucerne Master Plan
232. Owl Creek Irrigation Master Plan
233. Owl Creek Water Supply
234. Owl Creek Watershed Study
235. Pavillion Area Water Supply
236. Pavillion Water Master Plan
237. Pavillion Water Supply
238. Pine Bluffs Master Plan
239. Pine Haven Master Plan
240. Pine Haven Tank and Well Study
241. Pinedale Hydro Power
242. Pinedale Hydro Power Study
243. Pinedale Master Plan
244. Pinedale Water Master Plan
245. Piney Cruse Diversion
246. Pioneer Rehabilitation
247. Platte Alliance Water Supply (PAWS) Study
248. Platte-Goshen Regional Master Plan
249. Platte River Basin Plan-Groundwater
250. Platte River Basin Plan Update
251. Poison Spider Pipelines
252. Popo Agie Watershed Management Plan
253. Popo Agie Watershed Study, Phase II
254. Powder River Water Supply
255. Powder/Tongue Northeast Groundwater Analysis
256. Powder/Tongue Northeast River Basin Plan Update
257. Powell Airport Water Supply
258. Probable Maximum Precipitation Study

259. Rawlins Master Plan
260. Rawlins Operations Study
261. Ray Lake Enlargement
262. River Basin Planning-GIS Data Model Implementation
263. River Basin Planning-NHDPlus and Streamstats – Phase I and II
264. River Basin Planning-Water Supply Index
265. Red Lane Master Plan
266. Rock Springs East Water Supply
267. Rock River Water Master Plan
268. Rolling Hills Groundwater Supply
269. Rolling Hills Master Plan
270. Salt Creek-Edgerton-Midwest Master Plan
271. Saratoga Groundwater
272. Saratoga Water Master Plan
273. SEO/Lusk Area Ground Water
274. Shell Canal Tunnel
275. Sheridan Municipal Watershed Wildfire Hazard Mitigation Assessment
276. Sheridan Supplemental Storage
277. Sheridan Water Master Plan
278. Shell Valley Watershed Management Plan
279. Shell Valley Storage
280. Shell Water Master Plan
281. Sheridan/Veterans Affairs Medical Center (VAMC) Water Supply Study
282. Shoshone ID Rehabilitation, GIS
283. Shoshoni Water Master Plan
284. Skyline ISD Water Supply
285. Smith's Fork Dam
286. Snake/Salt River Basin-Groundwater Analysis
287. South Big Horn County Rural Water District Expansion
288. South Circle Master Plan
289. South End Water Users ISD Transmission
290. South Garden Creek Water Supply
291. South Platte River Watershed Study
292. South Worland Water Master Plan
293. Squaw Creek Water Supply
294. Star Valley Ranch Water Supply
295. Star Valley Regional Master Plan
296. State Stream Gage System
297. Stateline Dam Enlargement
298. Sublette Creek Reservoir
299. Sundance Master Plan, Level I
300. Sundance Water System Feasibility Study
301. Sweetwater River Watershed
302. Sweetwater Water Supply
303. Tensleep/Hyattville Master Plan
304. Tensleep Water Supply
305. Thermopolis Master Plan
306. Thermopolis Storage and Raw Water
307. Three Horses Watershed Study
308. Thunder Basin Watershed Studies I and II
309. Torrington Water Master Plan
310. University of Wyoming Irrigation Water Supply
311. Upper Green River Watershed Study

- 312. Upper Green River Westside Storage
- 313. Upper Laramie River Watershed Study
- 314. Upper North Platte Watershed Study
- 315. Upper Snake River Watershed Study
- 316. Upper Wind River Storage
- 317. Viva Naughton Enlargement
- 318. Wagner Cherokee Irrigation Rehabilitation
- 319. Wamsutter Well 2010
- 320. Washakie County Safety
- 321. Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains-2016
- 322. Weather Modification Pilot Program
- 323. Weather Modification – Salt River and Wyoming Ranges
- 324. Weather Modification – Wyoming Range
- 325. Westside Irrigation NEPA
- 326. Wheatland ID Master Plan
- 327. Wheatland ID System Phase II
- 328. Wheatland Irrigation District Tunnel Dam Rehabilitation
- 329. Wheatland Master Plan
- 330. Willwood Irrigation District Master Plan
- 331. Willwood ID Rehabilitation, GIS
- 332. Wind River/Big Horn River Basin Plan Update
- 333. Wind River Glaciers
- 334. Worland Area Irrigated Lands GIS
- 335. Worland Eastside Transmission Line
- 336. Worland Wells Test
- 337. Wright Master Plan
- 338. Yoder Groundwater Project
- 339. 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 Tributaries #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

- |            |   |  |
|------------|---|--|
| <b>01.</b> | <p><b>PROJECT:</b><br/> <b>SPONSOR:</b><br/> <b>LOCATION:</b><br/> <b>PROGRAM:</b><br/> <b>APPROPRIATION:</b><br/> <b>ACTUAL EXPENDITURES:</b><br/> <b>DESCRIPTION:</b></p> <p><b>ENGINEER:</b><br/> <b>CONTRACTOR:</b><br/> <b>YEAR COMPLETED:</b><br/> <b>SESSION LAW YEAR:</b></p>   | <p><b>33 Mile Pump Station</b><br/> 33 Mile Road Improvement &amp; Service District<br/> Natrona County<br/> New Development<br/> \$139,695<br/> \$129,827<br/> 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.<br/> Civil Engineering Professionals, Inc., Casper, WY<br/> Wayne Coleman Construction, Inc., Casper, WY<br/> 2013<br/> 2011</p> |
| <b>02.</b> | <p><b>PROJECT:</b><br/> <b>SPONSOR:</b><br/> <b>LOCATION:</b><br/> <b>PROGRAM:</b><br/> <b>APPROPRIATION:</b><br/> <b>ACTUAL EXPENDITURES:</b><br/> <b>DESCRIPTION:</b></p> <p><b>ENGINEER:</b><br/> <b>CONTRACTOR:</b></p> <p><b>YEAR COMPLETED:</b><br/> <b>SESSION LAW YEAR:</b></p> | <p><b>Afton Springs Water Supply</b><br/> Town of Afton<br/> Lincoln County<br/> Rehabilitation<br/> \$450,000<br/> \$450,000<br/> Renovation of Periodic Springs intake and pipeline to protect from rock fall<br/> BRS, Inc., Riverton, WY<br/> Roberts Construction, Evanston, WY<br/> Kilroy and Company, Alpine, WY<br/> 2001<br/> 2000</p>   |
| <b>03.</b> | <p><b>PROJECT:</b><br/> <b>SPONSOR:</b><br/> <b>LOCATION:</b><br/> <b>PROGRAM:</b><br/> <b>APPROPRIATION:</b><br/> <b>ACTUAL EXPENDITURES:</b><br/> <b>DESCRIPTION:</b><br/> <b>ENGINEER:</b><br/> <b>CONTRACTOR:</b></p> <p><b>YEAR COMPLETED:</b><br/> <b>SESSION LAW YEAR:</b></p>   | <p><b>Afton Water Supply</b><br/> Town of Afton<br/> Lincoln County<br/> Rehabilitation<br/> \$2,600,000<br/> \$2,518,911<br/> Spring renovation, pipeline, storage tank, well<br/> Sunrise Engineering, Afton, WY<br/> Kilroy Construction, Alpine, WY<br/> Snyder Construction, Lyman, WY<br/> AG SERVICES, Inc., Blackfoot, ID<br/> 1994<br/> 1991</p>  |
| <b>04.</b> | <p><b>PROJECT:</b><br/> <b>SPONSOR:</b><br/> <b>LOCATION:</b><br/> <b>PROGRAM:</b><br/> <b>APPROPRIATION:</b><br/> <b>ACTUAL EXPENDITURES:</b><br/> <b>DESCRIPTION:</b></p>   | <p><b>Afton Well</b><br/> Town of Afton<br/> Lincoln County<br/> New Development<br/> \$250,000<br/> \$250,000<br/> Well house, meter, well controls and pipeline</p>  |

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 Irrigation District Wasteway / Check Replacement 2020**  
**SPONSOR:** Big Horn Canal Irrigation District  
**LOCATION:** Washakie and Big Horn Counties  
**PROGRAM:** Rehabilitation  
**APPROPRIATION:** \$1,660,000.00  
**ACTUAL EXPENDITURES:** \$1,094,093.78  
**DESCRIPTION:** Replacement of Alamo Creek check/wasteway structure  
**ENGINEER:** Sage Civil Engineering, Cody, WY  
**CONTRACTOR:** Wilson Brothers Construction, Cowley, WY  
**YEAR COMPLETED:** 2021  
**SESSION LAW YEAR:** 2020
31. **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



32. **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
33. **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
34. **PROJECT:** **Big Horn Canal Underway**  
**SPONSOR:** Big Horn Regional Joint Powers Board  
**LOCATION:** Big Horn and Washakie Counties  
**PROGRAM:** Rehabilitation  
**APPROPRIATION:** \$175,000  
**ACTUAL EXPENDITURES:** \$ 30,150\*  
**DESCRIPTION:** \$141,556\*  
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
35. **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

36. **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
37. **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
38. **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
39. **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

40. **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 – PFI Controls, Alabaster, AL  
Meter Building – Moose Valley Construction, Big Piney, WY  
**YEAR COMPLETED:** 2008  
**SESSION LAW YEAR:** 2003, 2005
41. **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
42. **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
43. **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

44. **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
45. **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
46. **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
47. **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

48. **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
49. **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
50. **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
51. **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

52. **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
53. **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
54. **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
55. **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

56. **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
57. **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
58. **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
59. **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

- 60. 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
- 61. 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
- 62. 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
- 63. 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



64. **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
65. **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
66. **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
67. **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

**68. PROJECT: Casper Alcova Irrigation District Underdrain 2018**  
 SPONSOR: Casper Alcova Irrigation District  
 LOCATION: Natrona County  
 PROGRAM: Rehabilitation  
 APPROPRIATION: \$ 416,740.00  
 ACTUAL EXPENDITURES: \$ 416,740.00  
 DESCRIPTION: Design and Construction of a replacement underdrain and  
 wasteway.  
 ENGINEER: WLC Engineering, Casper, WY  
 CONTRACTOR: Western Plains Logistics; WY  
 YEAR COMPLETED: 2022  
 SESSION LAW YEAR: 2018

**69. 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

**70. 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

**71. 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

72. **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
73. **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
74. **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
75. **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

76. **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
77. **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
78. **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
79. **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

- 80. 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
- 81. 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
- 82. 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
- 83. 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 21<sup>st</sup> 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

- 84. 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
- 85. 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
- 86. 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
- 87. 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

- 88. 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
- 89. 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
- 90. 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
- 91. 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

92. **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
93. **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
94. **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
95. **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
96. **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

**97. 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

**98. 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 McDonnell  
 CONTRACTOR: Garney Construction  
 YEAR COMPLETED: 2013  
 SESSION LAW YEAR: 2015

**99. 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

**100. 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

**101. 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

**102. 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

**103. 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

**104. 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

**105. 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

**106. 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

**107. 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

- 108. 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
- 109. 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
- 110. PROJECT: Cloud Seeding Medicine Bow Mountains 2021-2022**  
 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: \$ 728,000.00 (State of Wyoming + Admin)  
 ACTUAL EXPENDITURES: \$ 748,223.11 (\$614,317 WY; \$133,906.11 External)  
 DESCRIPTION: Operational cloud seeding – Winter ‘21-22  
 CONTRACTOR: Weather Modification, Inc., Fargo, ND  
 YEAR COMPLETED: 2022  
 SESSION LAW YEAR: 2021
- 111. 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

**112. PROJECT: Cloud Seeding Wind River Mountains 2021-2022**  
 SPONSOR: State of Wyoming  
 FUNDING PARTNERS: Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, 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: \$ 215,000.00 (State of Wyoming + Admin)  
 ACTUAL EXPENDITURES: \$ 570,930.42 (\$214,394 WY; \$356,536.42 External)  
 DESCRIPTION: Operational cloud seeding – Winter ‘21-22  
 CONTRACTOR: Weather Modification, Inc., Fargo, ND  
 YEAR COMPLETED: 2022  
 SESSION LAW YEAR: 2021

**113. 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

**114. 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

**115. 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

**116. 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

**117. 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

**118. 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

**119. PROJECT: Cody Tank 2017**  
SPONSOR: City of Cody  
LOCATION: Park County  
PROGRAM: New Development  
APPROPRIATION: \$2,412,000  
ACTUAL EXPENDITURES: \$2,280,748  
DESCRIPTION: New Storage Tank  
ENGINEER: T-O Engineers, Cody, WY  
CONTRACTOR: Harris Trucking, Cody, WY  
YEAR COMPLETED: 2022  
SESSION LAW YEAR: 2017

- 120. 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
- 121. 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
- 122. 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
- 123. 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

- 124. 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
- 125. 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
- 126. 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
- 127. 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



- 128. 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
- 129. 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
- 130. 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
- 131. 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

- 132. 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
- 133. 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
- 134. 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
- 135. 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

**136. 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

**137. 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

**138. 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

**139. 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

**140. 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

**141. 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

**142. 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

- 143. 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
- 144. 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
- 145. 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
- 146. 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
<b>147.</b>	<b>PROJECT:</b>	<b>Dubois SCADA</b>
	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
<b>148.</b>	<b>PROJECT:</b>	<b>Dubois Water Supply</b>
	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
<b>149.</b>	<b>PROJECT:</b>	<b>Dubois Water Supply</b>
	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
<b>150.</b>	<b>PROJECT:</b>	<b>Dubois Well Acquisition</b>
	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

- 151. 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
- 152. 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
- 153. 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
- 154. 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
<b>155. PROJECT:</b>	<b>Eastern Shoshone Boulder Flats Well Field</b>
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
<b>156. PROJECT:</b>	<b>Eden Valley Farson Project</b>
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
<b>157. PROJECT:</b>	<b>Eden Valley Irrigation District Rehabilitation–Phase I</b>
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
<b>158. PROJECT:</b>	<b>Eden Valley Rehabilitation 2009</b>
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

**159. 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

**160. 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

**161. 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

**162. 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

**163. 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

**164. 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

**165. 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

**166. 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

- 167. PROJECT: Etna Storage Tank 2019**  
SPONSOR: Etna Water & Sewer District  
LOCATION: Lincoln County  
PROGRAM: New Development  
APPROPRIATION: \$1,001,650.00  
ACTUAL EXPENDITURES: \$ 734,916.00  
DESCRIPTION: Water Storage Tank  
ENGINEER: Forsgren, Evanston, WY  
CONTRACTOR: Knife River, Idaho Falls, Idaho  
YEAR COMPLETED: 2022  
SESSION LAW YEAR: 2019
- 168. 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
- 169. 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
- 170. 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

- 171. 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.
- 172. 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
- 173. 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
- 174. 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

- 175. 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
- 176. 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
- 177. 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
- 178. 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

- 179. 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
- 180. 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
- 181. 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
- 182. 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
- 183. 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

**184. 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

**185. 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

**186. 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

**187. 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

- 188. 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
- 189. 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
- 190. 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
- 191. 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

**192. 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

**193. PROJECT: Gillette Regional Extensions – Phase II**  
 SPONSOR: City of Gillette  
 LOCATION: Campbell County  
 PROGRAM: New Development  
 APPROPRIATION: \$2,237,800.00  
 ACTUAL EXPENDITURES: \$1,568,206.16  
 DESCRIPTION: The project connected the Eight Mile Improvement & Service District and Stone Gates Estates to the Gillette Regional water supply system.  
 ENGINEER: HDR-Eight Mile ISD; DOWL-Stone Gates Estates  
 CONTRACTOR: Hot Iron, Inc.  
 YEAR COMPLETED: 2021  
 SESSION LAW YEAR: 2016; 2017

**194. 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

- 195. 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
- 196. 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
- 197. 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
- 198. 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

- 199. 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
- 200. 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
- 201. 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
- 202. 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
- 203. 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
<b>204.</b>	<b>PROJECT:</b>	<b>Glenrock Well</b>
	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
<b>205.</b>	<b>PROJECT:</b>	<b>Gooseberry Rehabilitation</b>
	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
<b>206.</b>	<b>PROJECT:</b>	<b>Goshen Canal Improvements</b>
	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
<b>207.</b>	<b>PROJECT:</b>	<b>Goshen Irrigation District Check Structure 2018</b>
	SPONSOR:	Goshen Irrigation District
	LOCATION:	Goshen County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	\$468,330.00
	ACTUAL EXPENDITURES:	\$701,326.42
	DESCRIPTION:	Demolition and removal of the existing check structure and installation of new check structure.

ENGINEER: Anderson Consulting Engineers, Inc.  
 CONTRACTOR: Paul Reed Construction  
 YEAR COMPLETED: 2022  
 SESSION LAW YEAR: 2018

**208. 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

**209. 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

**210. 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

**211. 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

**212. 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

**213. 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

**214. 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

- 215. 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
- 216. PROJECT: GR/RS/SC JPWB Raw Water Reservoir**  
 SPONSOR: GR/RS/SC JPWB  
 LOCATION: Sweetwater County  
 PROGRAM: New Development  
 APPROPRIATION: \$8,282,000  
 ACTUAL EXPENDITURES: \$8,282,000  
 DESCRIPTION: Raw Water Reservoir  
 ENGINEER: Nelson Engineering, Jackson, WY;  
 Barr Engineering, Salt Lake City, UT  
 CONTRACTOR: ASI/RE Monks Joint Venture, Colorado Springs, CO; Oftedale Construction, Casper, WY  
 YEAR COMPLETED: 2022  
 SESSION LAW YEAR: 2011, 2012, 2017, 2018 and 2020
- 217. 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
- 218. 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

- 219. 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
- 220. 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
- 221. 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
- 222. 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



- 223. 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
- 224. 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
- 225. 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
- 226. 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

227. **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
228. **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
229. **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  
**CONTRACTOR:** Weston Engineering, Laramie WY  
D. C. Drilling, Wheatland, WY  
High Plains Construction, Casper, WY  
**YEAR COMPLETED:** 2001  
**SESSION LAW YEAR:** 1996
230. **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

231. **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
232. **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
233. **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  
**YEAR COMPLETED:** 1992  
**SESSION LAW YEAR:** 1990
234. **PROJECT:** **Hanover Irrigation District Cottonwood Spill/Check Replacement 2018**  
**SPONSOR:** Hanover Irrigation District  
**LOCATION:** Washakie County  
**PROGRAM:** Rehabilitation  
**APPROPRIATION:** \$414,000  
**ACTUAL EXPENDITURES:** \$277,380  
**DESCRIPTION:** Replacement of spill/check structure  
**ENGINEER:** Western Heritage Consulting Engineering, Casper, Wyoming  
**CONTRACTOR:** Copper Mountain Irrigation, LLC, Worland, Wyoming  
**YEAR COMPLETED:** 2021  
**SESSION LAW YEAR:** 2018

235. **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
236. **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
237. **PROJECT:** **Heart Mountain ID Rehabilitation 2017**  
**SPONSOR:** Heart Mountain Irrigation District  
**LOCATION:** Park County  
**PROGRAM:** Rehabilitation  
**APPROPRIATION:** \$410,000  
**ACTUAL EXPENDITURES:** \$ 38,942  
**DESCRIPTION:** Materials to convert an open ditch to pipe, construct structures, turnouts and conveyance features. Changes in Irrigation District's Management determined the other ditches did not need to be reworked at this time and funds related to those laterals was reverted.  
**ENGINEER:** Sage Civil Engineering, Cody, WY  
**CONTRACTOR:** Big Horn Truck and Equipment, Manderson, WY  
**YEAR COMPLETED:** 2018  
**SESSION LAW YEAR:** 2017
238. **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

- 239. 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
- 240. 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
- 241. 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
- 242. 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

**243. 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

**244. 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

**245. 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

**246. 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
<b>247. PROJECT:</b>	<b>Highline Ditch Rehabilitation</b>
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
<b>248. PROJECT:</b>	<b>Highline Irrigation Ditch Rehabilitation</b>
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
<b>249. PROJECT:</b>	<b>High Savery Dam and Reservoir</b>
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:	2004
SESSION LAW YEAR:	1988, 1989, 1993, 2001
<b>250. PROJECT:</b>	<b>Hill Irrigation District - Guernsey Spillway Rehabilitation</b>
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

**251. 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

**252. 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

**253. 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



- 254. 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
- 255. 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
- 256. 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
- 257. 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

- 258. 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
- 259. 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
- 260. 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
- 261. 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

- 262. 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
- 263. 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
- 264. 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
- 265. PROJECT: Jeffrey City Water System Improvements**  
 SPONSOR: Jeffrey City Water & Sewer District  
 LOCATION: Fremont 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

266. **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
267. **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
268. **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
269. **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
270. **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

**271. 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

**272. 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

**273. 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

**274. 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

**275. 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

**276. 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.

**277. 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

**278. 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

**279. PROJECT: Lake Hattie Dam**  
 SPONSOR: Pioneer Canal-Lake Hattie Irrigation District  
 LOCATION: Albany County  
 PROGRAM: Rehabilitation  
 APPROPRIATION: \$840,000.00  
 ACTUAL EXPENDITURES: \$282,000.00 (Sponsor's Contingency Fund, 2012)  
 DESCRIPTION: \$1,083,172.21  
 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

**280. 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

**281. 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

**282. 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

**283. PROJECT: Lakeview Carter Creek Siphon-Spillway 2019**  
SPONSOR: Lakeview Irrigation District  
LOCATION: Park County  
PROGRAM: Rehabilitation  
APPROPRIATION: \$351,000.00  
ACTUAL EXPENDITURES: \$246,599.22  
DESCRIPTION: Design and construction of a siphon/spillway structure.  
ENGINEER: Engineering Associates  
CONTRACTOR: Harris Trucking & Construction  
YEAR COMPLETED: 2022  
SESSION LAW YEAR: 2019

**284. 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

**285. 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

**286. 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

**287. 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

**288. 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.

**289. 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

**290. 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

**291. 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

**292. 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

**293. 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

**294. 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

- 295. 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
- 296. 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
- 297. 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
- 298. 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

- 299. 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
- 300. 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
- 301. 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
- 302. 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

**303. 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

**304. 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

**305. 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).

**306. 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

**307. 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

**308. 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

**309. 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

**310. 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

- 311. 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
- 312. 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
- 313. 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
- 314. 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
- 315. 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
<b>316.</b>	<b>PROJECT:</b>	<b>Little Snake River Small Dams &amp; Reservoirs</b>
	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
<b>317.</b>	<b>PROJECT:</b>	<b>Little Snake River Small Dams &amp; Reservoirs</b>
	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
<b>318.</b>	<b>PROJECT:</b>	<b>Lovell Canal Rehabilitation 2014</b>
	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
<b>319.</b>	<b>PROJECT:</b>	<b>Lovell Irrigation District Rehabilitation</b>
	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

**320. PROJECT: Lovell Moncur Lateral Rehabilitation 2019**  
 SPONSOR: Lovell Irrigation District  
 LOCATION: Park & Big Horn Counties  
 PROGRAM: Rehabilitation  
 APPROPRIATION: \$ 1,670,000.00  
 ACTUAL EXPENDITURES: \$ 1,092,165.96  
 DESCRIPTION: This project was to replace an open ditch with PVC pipe on the Moncur Lateral.  
 ENGINEER: Pryor Mountain Engineering  
 CONTRACTOR: Ferguson Enterprises  
 YEAR COMPLETED: 2021  
 SESSION LAW YEAR: 2019

**321. 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

**322. 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

- 323. 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
- 324. 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
- 325. 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
- 326. 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

- 327. 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
- 328. 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
- 329. 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
- 330. 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

- 331. 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
- 332. 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
- 333. 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
- 334. 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
- 335. 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
<b>336.</b>	<b>PROJECT:</b>	<b>Means Water Supply</b>
	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
<b>337.</b>	<b>PROJECT:</b>	<b>Medicine Bow Transmission Pipeline</b>
	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
<b>338.</b>	<b>PROJECT:</b>	<b>Meeteetse Storage Tank Rehabilitation</b>
	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
<b>339.</b>	<b>PROJECT:</b>	<b>Meeteetse Tank/SCADA/Retrofit</b>
	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

**340. 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

**341. 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

**342. PROJECT: Midvale Canal Rehabilitation**  
 SPONSOR: Midvale Irrigation District  
 LOCATION: Fremont County  
 PROGRAM: Rehabilitation  
 APPROPRIATION: \$230,000  
 ACTUAL EXPENDITURES: \$165,890  
 DESCRIPTION: Wyoming Canal 2<sup>nd</sup> 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

**343. 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

- 344. 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
- 345. 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
- 346. PROJECT: Midvale Irrigation District Rehabilitation 2019**  
SPONSOR: Midvale Irrigation District  
LOCATION: Fremont County  
PROGRAM: Rehabilitation  
APPROPRIATION: \$ 559,000.00  
ACTUAL EXPENDITURES: \$ 258,297.00  
DESCRIPTION: This project is to replace open ditch with PVC pipe on two lateral segments.  
ENGINEER: Apex Surveying, Inc.  
CONTRACTOR: Ferguson Enterprises and Copper Mountain Irrigation LLC  
YEAR COMPLETED: 2021  
SESSION LAW YEAR: 2019
- 347. 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

**348. 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

**349. 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

**350. 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

**351. 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

**352. 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

**353. 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

**354. 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

**355. 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

**356. 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

**357. 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

**358. 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

**359. 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

**360. 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

**361. 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

**362. 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

- 363. 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
- 364. 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
- 365. 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
- 366. 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

**367. 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

**368. 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

**369. 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

- 370. 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
- 371. 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
- 372. 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
- 373. 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

- 374. 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
- 375. 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
- 376. 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
- 377. 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

- 378. 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
- 379. 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
- 380. 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
- 381. 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
- 382. 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

**383. 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

**384. 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

**385. 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

- 386. 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
- 387. 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
- 388. 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
- 389. 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

- 390. 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
- 391. 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
- 392. 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
- 393. 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

- 394. 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
- 395. 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
- 396. 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
- 397. 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
- 398. 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
<b>399.</b>	<b>PROJECT:</b>	<b>Pinedale Transmission Line</b>
	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
<b>400.</b>	<b>PROJECT:</b>	<b>Pineview Tank and Booster Pump 2017</b>
	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
<b>401.</b>	<b>PROJECT:</b>	<b>Piney &amp; Cruse Canal Piping Project</b>
	SPONSOR:	Piney Cruse Creek Ditch Company Irrigation District
	LOCATION:	Sheridan
	PROGRAM:	Rehabilitation
	APPROPRIATION:	\$1,446,000.00
	ACTUAL EXPENDITURES:	\$1,363,606.17
	DESCRIPTION:	The project was to replace the intake structure, install a pipeline, and construct an energy dissipation structure at the bottom of the pipeline.
	ENGINEER:	Engineering Associates
	CONTRACTOR:	LJS Concrete & Excavating, LLC
	YEAR COMPLETED:	2022
	SESSION LAW YEAR:	2014
<b>402.</b>	<b>PROJECT:</b>	<b>Pioneer Canal/Lake Hattie Loan</b>
	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

- 403. PROJECT: Pioneer Transmission Pipeline 2017**  
SPONSOR: Pioneer Water and Sewer District  
LOCATION: Natrona County  
PROGRAM: Rehabilitation  
APPROPRIATION: \$ 1,246,200.00  
ACTUAL EXPENDITURES: \$ 1,138,415.00  
DESCRIPTION: The project consists of designing and constructing a new 12-inch (or equivalent) water transmission pipeline (designated as Line A).  
ENGINEER: 609 Consulting, LLC, Casper, Wyoming  
CONTRACTOR: 71 Construction, Casper, Wyoming  
YEAR COMPLETED: 2021  
SESSION LAW YEAR: 2017
- 404. 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
- 405. 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
- 406. 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

**407. 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.  
ENGINEER: 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

**408. 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

**409. 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

- 410. 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
- 411. 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
- 412. 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
- 413. 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



- 414. 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
- 415. 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
- 416. 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
- 417. 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

- 418. 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
- 419. 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
- 420. 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
- 421. 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

422. **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
423. **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
424. **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
425. **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

426. **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
427. **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
428. **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
429. **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

- 430. 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
- 431. 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
- 432. 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

433. **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
434. **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
435. **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
436. **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

437. **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
438. **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
439. **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
440. **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

441. **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
442. **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
443. **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
444. **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



- 445. 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
- 446. 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
- 447. 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
- 448. 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  
 ACTUAL EXPENDITURES: \$ 6,750,000 (permanent mineral trust fund loan)  
 \$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

449. **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
450. **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
451. **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
452. **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

- 453. 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
- 454. 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
- 455. 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
- 456. 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

457. **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
458. **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
459. **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
460. **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

**461. 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

**462. 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

**463. 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

464. **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
465. **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
466. **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
467. **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
<b>468. PROJECT:</b>	<b>Shoshone Rehabilitation 2009</b>
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
<b>469. PROJECT:</b>	<b>Shoshone Rehabilitation 2011</b>
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
<b>470. PROJECT:</b>	<b>Shoshone Transmission Pipeline 2016</b>
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

**471. 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

**472. 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

**473. 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

**474. 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

- 475. 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
- 476. 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
- 477. 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
- 478. 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

- 479. 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
- 480. 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
- 481. 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
- 482. 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

**483. 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

**484. 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

485. **PROJECT:** **Small Water Projects**

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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 Sheehanigans	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 Savary 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



<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
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

	<b>Small Water Project</b>	<b>Account</b>	<b>Year Approved</b>
	Red Wash Wetland #7 2018	New Development	2018
	TA Land and Cattle Livestock Pipeline	New Development	2018
	Smith Ditch	Rehabilitation	2018
<b>486.</b>	<b>PROJECT:</b>	<b>Smiths Fork Water Supply</b>	
	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	
<b>487.</b>	<b>PROJECT:</b>	<b>Smoot Water Supply</b>	
	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	
<b>488.</b>	<b>PROJECT:</b>	<b>South Big Horn County Pipeline</b>	
	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	
<b>489.</b>	<b>PROJECT:</b>	<b>South Circle Estates Water Supply</b>	
	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	

490. **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
491. **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
492. **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
493. **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
494. **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
<b>495.</b>	<b>PROJECT:</b>	<b>Squaw Creek Water Supply</b>
	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
<b>496.</b>	<b>PROJECT:</b>	<b>Squaw Creek Water Supply</b>
	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
<b>497.</b>	<b>PROJECT:</b>	<b>Stage II Pipeline</b>
	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
<b>498.</b>	<b>PROJECT:</b>	<b>Star Valley Ranch Water Supply</b>
	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

**499. 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

**500. 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

**501. 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

- 502. 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
- 503. 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
- 504. 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
- 505. 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

- 506. 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
- 507. 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
- 508. 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
- 509. 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



- 510. 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
- 511. 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
- 512. 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
- 513. 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

- 514. 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
- 515. 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
- 516. 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
- 517. 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
- 518. 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

**519. 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

**520. 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

**521. 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

**522. 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

**523. 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

**524. 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

**525. 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

**526. 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

**527. 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

**528. 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.

**529. 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

**530. 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

- 531. 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
- 532. 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
- 533. 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
- 534. 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

**535. 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

**536. 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

**537. 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

**538. 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

**539. 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

**540. 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



- 541. 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
- 542. 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
- 543. 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
- 544. PROJECT: Westside/Rock Springs Water Supply**  
 SPONSOR: City of Green River/City of Rock Springs/Sweetwater County  
 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

- 545. 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
- 546. 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
- 547. PROJECT: Wheatland ID Tunnel Dam Rehabilitation 2019**  
SPONSOR: Wheatland Irrigation District  
LOCATION: Platte  
PROGRAM: Rehabilitation  
APPROPRIATION: \$ 6,058,452.79  
ACTUAL EXPENDITURES: \$ 6,058,452.79  
DESCRIPTION: Resurfacing repairs and other repairs to the District's Tunnel Dam.  
ENGINEER: Wenck Associates  
CONTRACTOR: Dietzler Construction Corporation  
YEAR COMPLETED: 2021  
SESSION LAW YEAR: 2019/2020/2021
- 548. 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

**549. 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

**550. 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

**551. 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

**552. 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

**553. 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

**554. 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

**555. 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

**556. 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

**557. 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

**558. 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

**559. 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

**560. 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

**561. 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

**562. 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

**563. 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

**564. 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

- 565. 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
- 566. 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
- 567. 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
- 568. 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
- 569. 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

- 570. 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
- 571. 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
- 572. 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
- 573. 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

**574. 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