2024 Legislative Report

2024 August Summer Tour
Evanston, WY

Wyoming Water Development Commission

2024 LEGISLATIVE REPORT
WYOMING WATER DEVELOPMENT PROGRAM

Wyoming Water Development Commission (029)
http://wwdc.state.wy.us
(307) 777-7626
6920 Yellowtail Road
Cheyenne, Wyoming 82002

December 2024

Wyoming Water Development Commission, Staff and Advisors

Commissioners

Ron Kailey, Jr., Chairman	Water Division I
Liisa Anselmi-Dalton, Vice-Chair	Member-at-Large
Leonard A. "Lee" Craig, Secretary	Water Division III
Robert Choma	Water Division IV
Clinton W. Glick	Wind River Indian Reservation
Todd Hoese	Water Division II
Mark Kot	Water Division IV
John Lawson	Water Division I
Dennis Pince	Water Division III
Larry Suchor	Water Division II

Staff

Jason Mead	Director
Barry Lawrence	Administrator - Planning
Bill Brewer	Administrator - Construction
Jason Mead	Administrator - Dams and Reservoirs
David Ray	Administration/Fiscal Officer
Shawn Albrandt	High Savery Dam Facility Manager
Sarah Bargsten	Grants Administrator
Sol Brich	Project Manager
Holly Frank	Office Support Specialist
Keith Clarey	Project Manager
Cindy Hernandez	Project Manager
Mabel Jones	Project Manager
Jeff Kaiser	Project Manager
Cheyenne Love	Project Manager
Larry Mallo	Project Manager
George Moser	Project Manager
Lonnie Olson	Project Manager
Jodie Jackson	Project Manager
Jennifer Russell	Project Manager
Katie Goodell	Business Office Coordinator
Chace Tavelli	Technical Resource Coordinator
Wade Verplancke	Project Manager

Advisors

Patrick Kent	Attorney General's Office
Brandon Gebhart	State Engineer
Greg Kerr	University of Wyoming
Josh Dorrell or Designee	Wyoming Business Council

Select Water Committee

Senator Cheri Steinmetz
Chairman
Goshen/Niobrara/Weston Counties

Representative Albert Sommers Vice-Chairman
Sublette/Lincoln Counties

Representative Jon Conrad
Uinta County

Representative Barry Crago
Johnson/Sheridan Counties

Senator Affie Ellis
Laramie County

Senator Mike Gierau
Teton County

Senator Larry Hicks
Carbon/Sweetwater Counties

Senator John Kolb
Sweetwater County

Representative J.T. Larson
Sweetwater County

Senator Dan Laursen
Big Horn/Park Counties

Representative Chip Neiman
Crook/Weston Counties

Representative Mike Yin
Teton County

2024 LEGISLATIVE REPORT
Table of Contents

Chapter 1 – Wyoming Water Development Program **Page**

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

Chapter 2 – Legislative Program

I. Program Development Process....2-1
II. 2025 Preliminary Funding Recommendations....2-2
III. Financial Status Reports....2-4
IV. Anticipated Remaining Funding after the 2025 Session....2-7

Chapter 3 – Active Project Reports

1. Alkali Creek Reservoir....3-1
2. Alpine Water Master Plan....3-2
3. Arapahoe Pipeline and Tank....3-2
4. Arapahoe Water Supply 2016....3-3
5. Austin-Wall Reservoir Rehabilitation 2019....3-4
6. Bairoil Water Master Plan....3-5
7. Big Horn Canal Irrigation District Master Plan....3-6
8. Big Horn Regional JPB Lucerne Tank and Pump Station 2024....3-6
9. Big Horn Regional Transmission 2020....3-7
10. Big Wind River Storage Study, Phase II....3-7
11. Bridger Valley JPB Tank Replacement 2024....3-9
12. Broken Wheel Ranch Water Supply 2017....3-9
13. Buffalo Wells and Transmission 2019....3-10
14. CAID Lateral 256 Drop Structure 2023....3-10
15. Casper Alcova Irrigation District Master Plan....3-11
16. Central Wyoming Regional Water System Well Field Study....3-12
17. Cheyenne Transmission, Pump Station & Tank 2020....3-13
18. Chugwater Water Master Plan....3-13
19. Clarks Fork/Upper Shoshone Watershed Study....3-14
20. Clear Creek Storage....3-16
21. Clearmont Well Connection 2019....3-18
22. Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2024 (Aerial)....3-19
23. Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2025 (Aerial)....3-20
24. Cloud Seeding Operations Hydrological Assessment Medicine Bow & Sierra Madre Mountain Ranges....3-21
25. Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2024 (Ground-Based)....3-22
26. Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2025 (Ground-Based)....3-23
27. Cody Areas Evaluation 2024....3-24
28. Cody Canal Rehabilitation....3-24
29. Cottonwood Irrigation District Transmission Pipeline 2020....3-26
30. Cottonwood Irrigation District Transmission Pipeline 2022....3-26
31. Critical Aging Irrigation Infrastructure Assessment....3-27
32. Crystal Bypass Pipeline 2022....3-28
33. Dayton Water Master Plan....3-28
34. Dayton Water System Rehabilitation 2024....3-29

35. Deaver ID Laterals 2024 3-30
36. Deaver ID Rehabilitation 2022 3-30
37. Deaver Irrigation District Frannie Canal Drop Chute #1 2020 3-30
38. Douglas Test Well Study 3-31
39. Douglas Water Master Plan 3-32
40. Dry Creek ID Phase V 2024 3-32
41. Dry Creek Irrigation District Pipeline Replacement 2022 3-33
42. Eden Valley Irrigation District Farson Lateral 2020 3-34
43. Eden Valley Irrigation District System Improvements 2019 3-34
44. Elk Canal Master Plan 3-35
45. Enterprise Watershed Improvement District Canal Lining 2020 3-35
46. Enterprise WID Calvert Lateral Rehabilitation 2023 3-36
47. Ethete Water Supply 3-36
48. Evanston Transmission Pipeline 2022 3-38
49. Fontenelle Dam & Outworks Infrastructure Completion 3-38
50. Fontenelle Reservoir Storage 3-40
51. Gillette Madison Pipeline 3-41
52. Gillette Regional Extensions 2017 3-42
53. Gillette Regional Extensions Phase IV – 2018 3-43
54. Gillette Regional Extensions Phase V – 2020 3-44
55. Gillette Regional Extensions Phase VI – 2022 3-44
56. Glendo Water Master Plan 3-45
57. Glenrock Transmission Pipeline 2020 3-45
58. Goshen ID Master Plan 3-46
59. Goshen ID Tunnel Rehabilitation 2022 3-47
60. GR-RS-SC JPWB Eastside Zone Study 3-48
61. GR-RS-SC JPWB Pump Station 2019 3-49
62. GR-RS-SC JPWB Regional Water Master Plan 3-50
63. Green River/Little Snake River Basins Conveyance Loss Study 3-51
64. Greybull Water System Improvements 3-51
65. Groundwater Studies 3-52
66. Guernsey Transmission Pipeline 2020 3-53
67. GVID Upper Sunshine Outlet Works Rehab 3-53
68. Hanover ID Bighorn River Flume Replacement 2024 3-54
69. Happy Valley Water Transmission and Storage 2023 3-54
70. Heart Mountain ID Lateral R4S 2023 3-55
71. Highland Hanover ID System Improvements 2022 3-55
72. Horse Creek Conservation District Master Plan 3-56
73. Hot Springs County Supply Evaluation 3-56
74. Hudson Water Master Plan 3-57
75. Interstate Diversion Structure Rehabilitation 2019 3-58
76. Interstate I&R ID Canal Phase III 2023 3-58
77. Interstate Irrigation and Reservoir Irrigation District Improvements 2021 3-59
78. Kirby Ditch ID Pipeline Phase II 2024 3-59
79. Kirby Ditch Irrigation District Pipeline 2020 3-60
80. LaGrange Groundwater Supply & Improvements 3-60
81. Lakeview ID Rock Creek Siphon 2023 3-61
82. Lakeview Irrigation District Rehabilitation 3-62
83. Lander Storage Tanks and Pump Station 2019 3-62
84. Lander Well & Transmission Pipeline 2021 3-63
85. LaPrele Dam Rehabilitation 2024 3-64

86. LaPrele Irrigation District Rehabilitation 3-64
87. Laramie Dowlin Diversion Rehabilitation 2024 3-67
88. Laramie North Side Tank 3-67
89. Laramie Valley Diversion Structure 2020 3-68
90. Leavitt Reservoir Expansion 3-69
91. Little Wind River Storage 3-70
92. Lovell Bench Lateral 2024 3-71
93. Lovell Moncur Lateral Phase II Rehabilitation 3-72
94. Melody Ranch Water System Improvements 2018 3-73
95. Middle Piney Reservoir 3-73
96. Midvale ID Wyoming Canal Phase I 2023 3-74
97. Midvale Irrigation District Master Plan 3-75
98. New Fork Lake Dam Enlargement 3-76
99. Newcastle Water Master Plan 3-77
100. Northwest Rural Water System Improvements 2020 3-78
101. Northwest Rural Water System Improvements 2021 3-79
102. Northwest Rural Water System Improvements 2022 3-79
103. Nowood River Storage – Meadowlark Lake 3-80
104. Orchard Valley Water Master Plan 3-81
105. Owl Creek Irrigation District System Improvements 2022 3-82
106. Pavillion Groundwater Supply 3-83
107. Powder River Irrigation District Master Plan 3-84
108. Ranchester Transmission Line 2024 3-85
109. Ranchester Water Master Plan 3-85
110. Rawlins Water Master Plan 3-87
111. River Basin Planning – NHD Plus HR and StreamStats 3-88
112. Riverton Regional Water Master Plan 3-89
113. Riverton Valley Irrigation District Rehabilitation 2018 3-90
114. Salt Creek Transmission Pipeline 2021 3-91
115. Salt River Watershed Study 3-91
116. Sheridan Area Water Supply Transmission 2020 3-91
117. Sheridan Supplemental Storage 3-92
118. Sheridan Transmission Main Extension 2023 3-93
119. Shoshone Irrigation District Improvements 2021 3-94
120. Shoshone Irrigation District Rehabilitation 2019 3-95
121. Shoshone Municipal Pipeline Regional Water Master Plan 3-95
122. Shoshoni Groundwater Supply & Transmission 3-96
123. Sidon Irrigation District Master Plan 3-97
124. Sidon Irrigation District Rehabilitation 2021 3-98
125. Sidon Irrigation District Sidon Canal 2020 3-98
126. Silver Lake Dam Rehabilitation 3-99
127. Sinclair Water Master Plan 3-100
128. Skyline ISD Well Connection 2024 3-100
129. Small Water Development Projects 3-101
130. South End Water Users ISD Pipeline 2023 3-105
131. Sponsor's Contingency Funds-Account I, II and III 3-106
132. State Water Plan 3-107
133. Statewide Water Research 3-110
134. Strawberry Canal Master Plan 3-111
135. Tillard Canal Master Plan 3-111
136. Torrington Well Connection 2021 3-112

137. Wardwell Water Master Plan....3-113
138. West Fork Reservoir (Little Snake Supplemental Storage)....3-113
139. Wheatland Tank Replacement 2024....3-115
140. Willwood Irrigation District Rehabilitation....3-116
141. Wind River Inter-Tribal Council Rehabilitation 2019....3-117

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....4-12
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....4-13
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....4-14
22. Basin Area Water Supply (formerly Manderson Water Supply)/Basin Gardens Water....4-15
23. Basin Storage Tank....4-15
24. Basin Water Supply....4-15
25. Bear River/Evanston Regional Pipeline....4-15
26. Bedford Water Supply....4-16
27. Bedford Water Tank....4-16
28. Big Horn Basin Rural Water Supply....4-16
29. Big Horn Canal Adobe Check Structure 2022....4-16
30. Big Horn Canal Improvements....4-17
31. Big Horn Canal Irrigation District Wasteway / Check /Replacement 2020....4-17
32. Big Horn Canal Lining....4-17
33. Big Horn Canal Rehabilitation 2009....4-17
34. Big Horn Canal Rehabilitation 2012....4-18
35. Big Horn Canal Underway....4-18
36. Big Horn Canal Wasteway Rehabilitation 2019....4-18
37. Big Horn Regional Joint Powers Board Pipeline....4-18
38. Big Horn Regional Well Connection....4-19
39. Big Horn Spillway Improvement....4-19
40. Big Piney Water Supply....4-19

41. Big Piney Water Supply Project 4-19
42. Big Sandy Reservoir Enlargement 4-20
43. Bluff/Upper Bluff System Improvements 2019 4-20
44. Boulder Irrigation District 4-20
45. Bridger Valley Big Hill Transmission Line 4-20
46. Bridger Valley Intake Structure Rehabilitation 4-20
47. Bridger Valley Pipeline 4-21
48. Brooks Hat Six Water Supply 4-21
49. Buffalo Bill Dam and Reservoir 4-21
50. Buffalo Hydropower 4-21
51. Buffalo Main Street Pipeline 4-22
52. Buffalo Municipal Reservoir 4-22
53. Buffalo Northwest Pipeline 4-22
54. Buffalo Pipeline 4-22
55. Buffalo Raw Water Supply 4-23
56. Buffalo South Loop Pipeline 4-23
57. Buffalo Tank Valve 4-23
58. Buffalo Valley Water Supply 4-23
59. Buffalo Water Storage Tank 4-24
60. Buffalo Water Supply 4-24
61. Burlington Water Supply 4-24
62. Burns Storage Tank 4-24
63. Burns Well Connection 4-25
64. Byron Raw Water Supply 4-25
65. Cambria Tank 4-25
66. Canyon Water Supply 4-25
67. Carpenter Water Supply 4-26
68. Casper Alcova 4-26
69. Casper Alcova Ditch Rehabilitation 4-26
70. Casper Alcova Irrigation District Underdrain 2018 4-26
71. Casper Alcova Rehabilitation 2009 4-27
72. Casper Alcova Rehabilitation 2010 4-27
73. Casper Alcova Rehabilitation 2015 4-27
74. Casper Alcova Rehabilitation 2016 4-27
75. Casper Alcova Tunnel Rehabilitation 4-28
76. Casper CY Booster Station Replacement 2017 4-28
77. Casper Effluent Water Supply 4-28
78. Casper Paradise Valley Pipeline 4-28
79. Casper Poplar Transmission Pipeline 4-28
80. Casper Raw Water Irrigation Supply Project 4-29
81. Casper Raw Water Supply 4-29
82. Casper Raw Water Supply II 4-29
83. Casper Rock Creek Dam Rehabilitation 4-29
84. Casper Zone 3 Improvements 4-30
85. Casper Zone II 4-30
86. Casper Zone II – Phase II 4-30
87. Casper Zone III 4-30
88. Casper Zone IV Improvements 4-31
89. Centennial Water Supply 4-31
90. Centennial Water Supply 4-31
91. Central Wyoming Regional Elevated Tank 4-31

92. Central Wyoming Regional Zone II B 4-32
93. Chamberlin Reservoir 4-32
94. Cheyenne's Granite Dam Spillway Improvements 4-32
95. Cheyenne King II Storage Facility 4-32
96. Cheyenne R.L. Sherard Water Treatment Plant 4-33
97. Cheyenne Raw Water Supply 4-33
98. Cheyenne Raw Water Supply #2 4-33
99. Cheyenne South Crow Dam Water Supply Rehabilitation Project 4-33
100. Cheyenne Southern Pipeline 4-34
101. Cheyenne Southern Pipeline-Phase III 4-34
102. Cheyenne Stage I Rehabilitation 4-34
103. Cheyenne Supply Pipeline 4-34
104. Cheyenne Upper North Crow Reservoir 4-35
105. Cheyenne Water (Stage II) 4-35
106. Cheyenne Water (Stage II) 4-35
107. Cheyenne Well Rehabilitation 4-35
108. Chugwater Water Supply 4-36
109. Chugwater Water Supply 4-36
110. Clearview Water Supply 4-36
111. Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2023 (Aerial) 4-36
112. Cloud Seeding Medicine Bow Mountains 2020-2021 4-37
113. Cloud Seeding Medicine Bow Mountains 2021-2022 4-37
114. Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2023 (Ground-based) 4-37
115. Cloud Seeding Wind River Mountains 2020-2021 4-37
116. Cloud Seeding Wind River Mountains 2021-2022 4-38
117. Cody Area Water Supply (Valley View) 4-38
118. Cody Canal Chute 4-38
119. Cody Canal Drop Structure 4-39
120. Cody Canal Rehabilitation 4-39
121. Cody Canal Rehabilitation 2013 4-39
122. Cody Canal Rehabilitation 2019 4-39
123. Cody Raw Water 4-39
124. Cody Tank 2017 4-40
125. Cody West Transmission Pipeline 4-40
126. Cokeville Tri-Diversion Dam 4-40
127. Cokeville Water Supply 4-40
128. Collins Heights Water Supply 4-41
129. Cook Road Water Supply 4-41
130. Cook Road Well 4-41
131. Cottonwood Irrigation District Pipeline Replacement 2018 4-41
132. Cowley Tank 2017 4-42
133. Cowley Transmission Pipeline 4-42
134. Crestview Water Supply 4-42
135. Crystal-Granite Dam Rehabilitation 4-42
136. Dayton Groundwater 4-43
137. Dayton Water Supply Rehabilitation 4-43
138. Deaver Canal Rehabilitation 4-43
139. Deaver Flume Rehabilitation 4-43
140. Deaver Flume Rehabilitation II 4-44
141. Deaver Irrigation District Flume Replacement/Laterals 2017 4-44
142. Deaver Irrigation District Rehabilitation 2018 4-44

143. Deaver Irrigation District Rehabilitation 2019 4-44
144. Deaver Rehabilitation 2009 4-45
145. Deaver Transmission Pipeline 4-45
146. Dixon Water Supply 4-45
147. Douglas Area Water Supply 4-46
148. Douglas Box elder Spring 4-46
149. Douglas Intake Structure 4-46
150. Douglas Water Supply Project 4-46
151. Downer Neighborhood Water Supply 4-47
152. Dry Creek ID Transmission Pipeline Replacement 2020 4-47
153. Dry Creek Irrigation District Pipeline Replacement 2017 4-47
154. Dry Creek Irrigation District Rehabilitation 2019 4-47
155. Dubois SCADA 4-48
156. Dubois Water Supply 4-48
157. Dubois Water Supply 4-48
158. Dubois Well Acquisition 4-48
159. Dubois Well No. II Supply 4-49
160. Dull Knife Reservoir Spillway Rehabilitation 4-49
161. Eastern Shoshone Boulder Flats Well Field 4-49
162. Eden Valley Farson Project 4-49
163. Eden Valley Irrigation District Rehabilitation-Phase I 4-50
164. Eden Valley Rehabilitation 2009 4-50
165. Eden Valley Rehabilitation 2011 4-50
166. Edgerton/Midwest Water Supply 4-50
167. Eight Mile/High Plains Well 4-51
168. Elk Mountain Water Supply 4-51
169. Encampment Raw Water Line 4-51
170. Encampment Water 4-51
171. Encampment Water Supply 4-52
172. Etna Diversion Dam 4-52
173. Etna Storage Tank 2019 4-52
174. Etna Water Supply 4-52
175. Evanston Raw Water Supply 4-52
176. Evansville Elkhorn Creek Water Supply 4-53
177. Evansville Emergency Connection 4-53
178. Evansville Water Supply 4-53
179. Fairview Water Supply 4-53
180. Fairview Water Supply 4-54
181. Farview Water Supply 4-54
182. Fayette Irrigation District 4-54
183. Fayette Irrigation Rehabilitation 4-54
184. Ferris Diversion Dam Rehabilitation 4-55
185. Fontenelle Dam Repair 4-55
186. Fort Laramie Storage Tank 4-55
187. Freedom Water Supply 4-55
188. Fremont Lake Reservoir 4-55
189. Gillette Central Zone Isolation Project 4-56
190. Gillette Fort Union Well Field 4-56
191. Gillette Fort Union Well Field – Phase I 4-56
192. Gillette Fort Union Wells 4-56
193. Gillette Hidden Valley Storage and Transmission 4-57

194. Gillette Madison and Pine Ridge Tanks 4-57
195. Gillette Madison Pipeline Joint Bonding 4-57
196. Gillette Madison Well Field Expansion 4-57
197. Gillette Pipeline Project 4-58
198. Gillette Regional Extensions 4-58
199. Gillette Regional Extensions – Phase II 4-58
200. Gillette Rehabilitation 4-59
201. Gillette Storage & East End Transmission Improvements 4-59
202. Glendo Well 4-59
203. Glenrock Groundwater Supply 4-59
204. Glenrock Sunup Ridge Tank Rehabilitation 4-60
205. Glenrock Tank Rehabilitation 4-60
206. Glenrock Transmission Pipeline 4-60
207. Glenrock Transmission Pipeline 2017 4-60
208. Glenrock Transmission Pipeline 2018 4-61
209. Glenrock Water Supply 4-61
210. Glenrock Well 4-61
211. Gooseberry Rehabilitation 4-61
212. Goshen Canal Improvements 4-61
213. Goshen ID 29.4 Pipeline Project Phase II 2022 4-62
214. Goshen ID 56.0 Pipeline Project I 2023 4-62
215. Goshen Irrigation District Check Structure 2018 4-62
216. Goshen Irrigation District - Guernsey Spillway Rehabilitation 4-62
217. Goshen Irrigation District Rehabilitation 4-63
218. Goshen Irrigation District Rehabilitation 2013 4-63
219. Goshen Irrigation District Rehabilitation 2017 4-63
220. Goshen Irrigation District Water System 4-63
221. Goshen Pump Station 4-64
222. Goshen Rehabilitation 2009 4-64
223. Goshen Rehabilitation 2011 Project 4-64
224. GR/RS/SC JPWB Raw Water Reservoir 4-65
225. Granger Water Storage Project 4-65
226. Green River/Rock Springs Water Treatment Plant 4-65
227. Green River Supply Canal Rehabilitation 4-65
228. Greybull Crossing and Tank Project 4-65
229. Greybull Highway 14 Crossing 4-66
230. Greybull Pipeline and Well Improvements Project 4-66
231. Greybull Rehabilitation 4-66
232. Greybull Shell Water Supply/Greybull Groundwater 4-67
233. Greybull Transmission Pipeline 4-67
234. Greybull Valley Dam and Reservoir 4-67
235. Greybull Valley ID Hydroelectric 4-67
236. Grover Water Supply 4-67
237. Guernsey Water Supply 4-68
238. Gunbarrel Lateral Rehabilitation 4-68
239. GVID Upper Sunshine Diversion 4-68
240. Hanover Flume Rehabilitation 4-68
241. Hanover Irrigation 4-69
242. Hanover Irrigation District Cottonwood Spill/Check Replacement 2018 4-69
243. Hartville Water Supply 4-69
244. Hawk Springs 4-69

245. Heart Mountain ID Rehabilitation 2017 4-70
246. Heart Mountain Irrigation District Rattlesnake Liner Replacement 4-70
247. Heart Mountain Lining 4-70
248. Heart Mountain Pipe Conversion 4-70
249. Heart Mountain Rehabilitation 4-71
250. Heart Mountain Rehabilitation 2010 4-71
251. High Meadow Ranch Well, Tank and Pipeline 2017 4-71
252. Hidden Valley 4-71
253. Highland Hanover Rehabilitation 4-72
254. Highline Canal 4-72
255. Highline Ditch Rehabilitation 4-72
256. Highline Irrigation Ditch Rehabilitation 4-72
257. High Savery Dam and Reservoir 4-73
258. Hill Irrigation District - Guernsey Spillway Rehabilitation 4-73
259. Hopkins Producers Supply 4-73
260. Horse Creek Conservation District Rehabilitation 4-73
261. Hudson Water Supply 4-74
262. Hugus-Mullison Ditch (Hugus Ditch) 4-74
263. Hulett Water Supply 4-74
264. Hunt Canal Rehabilitation 4-75
265. Hyattville Water Supply Project 4-75
266. Indian Paintbrush Water Supply 4-75
267. Indian Springs Water Supply 4-75
268. Iron Creek Rehabilitation 4-76
269. Jackson Raw Water Supply 4-76
270. Jackson Storage Tanks 4-76
271. Jackson Water Supply 4-76
272. Jamestown/Rio Vista Water Supply 4-76
273. Jeffrey City Water System Improvements 4-77
274. Jon's Drop/Four Mile Flume Rehabilitation 4-77
275. Kaycee Replacement Tank 4-77
276. Kaycee Storage & Transmission 4-78
277. Kemmerer City Dam Rehabilitation 4-78
278. Kemmerer-Diamondville Water System 4-78
279. Kemmerer Transmission Pipeline 2016 4-78
280. Kirby Ditch 4-78
281. Kirby Ditch 4-79
282. Kirby Municipal Project 4-79
283. Kirby Rehabilitation 2011 4-79
284. LaBarge Water Supply 4-79
285. Lake Adelaide Reservoir Enlargement 4-80
286. Lake DeSmet Rehabilitation 4-80
287. Lake Hattie Dam 4-80
288. Lake Hattie Dam Rehabilitation 4-80
289. Lake Hattie Outlet Works 4-81
290. Lake Hattie Supply Canal 4-81
291. Lakeview Carter Creek Siphon Spillway 2019 4-81
292. Lakeview Improvement and Service District Water Supply 4-81
293. Lakeview Irrigation District Rehabilitation 2014 4-82
294. Lakeview Irrigation District Rehabilitation 2016 4-82
295. Lance Creek Water Rehabilitation 4-82

296. Lance Creek Well Connection 4-82
297. Lander Intake Facilities 4-83
298. Lander Transmission Pipeline 2016 4-83
299. Lander Water Supply 4-83
300. Lander Water Supply Rehabilitation 4-83
301. Lander Worthen Meadows Dam Rehabilitation 4-83
302. LaPrele Rehabilitation 4-84
303. Laramie County Archer Water Supply 4-84
304. Laramie East Side Tank 4-84
305. Laramie North Side Supply 4-84
306. Laramie Rehabilitation 4-85
307. Laramie Rivers 4-85
308. Laramie Transmission Pipeline 4-85
309. Laramie Transmission Pipeline and Pioneer Canal Diversion 4-86
310. Laramie Water Management Project (meters) 4-86
311. Laramie Water Supply 4-86
312. Laramie West Storage 4-86
313. LeClair Irrigation District Rehabilitation 2016 4-86
314. LeClair Irrigation District Rehabilitation 2017 4-87
315. LeClair Irrigation Rehabilitation 4-87
316. LeClair Lateral 4-87
317. LeClair Laterals Rehabilitation 4-87
318. Leiter Ditch Rehabilitation 2016 4-88
319. Lingle Water Supply Phase II 4-88
320. Lingle Water Supply System Rehabilitation 4-88
321. Little Snake Diversions 4-88
322. Little Snake Rehabilitation 4-89
323. Little Snake Rehabilitation 2011 4-89
324. Little Snake River Small Dams & Reservoirs 4-89
325. Little Snake River Small Dams & Reservoirs 4-89
326. Lovell Canal Rehabilitation 2014 4-89
327. Lovell Irrigation District Rehabilitation 4-90
328. Lovell Moncur Lateral Rehabilitation 2019 4-90
329. Lovell Rehabilitation 2009 4-90
330. Lovell Rehabilitation 2012 4-91
331. Lovell Tank/Zone 2 Improvements 4-91
332. Lovell Transmission Pipeline 4-91
333. Lovell Transmission Pipeline 4-91
334. Lower Nowood Rural Water Supply 4-91
335. Lusk Water Supply 4-92
336. Lusk Water System Improvements 2018 4-92
337. Lusk Well 4-92
338. Lyman Springs Rehabilitation 4-92
339. Manville Water Supply 4-93
340. Manville Well Connection 4-93
341. McKenney Water Supply 4-93
342. NcNutt Water Supply 4-93
343. Meade Creek Ditch Rehabilitation 4-94
344. Means Water Supply 4-94
345. Medicine Bow Transmission Pipeline 4-94
346. Meeteetse Storage Tank Rehabilitation 4-94

347. Meeteetse Tank/SCADA Retrofit 4-95
348. Meeteetse Water Supply 4-95
349. Midvale Bull Lake Rehabilitation 2015 4-95
350. Midvale Canal Rehabilitation 4-95
351. Midvale Conservation/Automation 4-96
352. Midvale Diversion Dam Rehabilitation 4-96
353. Midvale Irrigation District Rehabilitation 2018 4-96
354. Midvale Irrigation District Rehabilitation 2019 4-96
355. Midvale Pilot 27.0 A Lateral 2017 4-97
356. Midvale Rehabilitation 2010 4-97
357. Midvale Rehabilitation 2011 4-97
358. Midvale Rehabilitation 2012 4-97
359. Midvale Rehabilitation 2013 4-98
360. Midvale Sand Butte 2 Lateral 4-98
361. Midvale Sand Mesa Pipeline 4-98
362. Midwest Rehabilitation 4-98
363. Mile-Hi Water Supply Project 4-98
364. Moorcroft Madison Well Water Supply 4-99
365. Moorcroft Water Supply 4-99
366. Mountain View Acres Connection 4-99
367. Muddy Guard 4-100
368. Natrona County Regional Rehabilitation 4-100
369. Natrona County Regional Water Supply 4-100
370. Natrona County Regional Water Treatment Project 4-100
371. Newcastle 2015 4-101
372. Newcastle Area Water Supply 4-101
373. Newcastle Water System Improvements 2020 4-101
374. Newcastle Well 2018 4-101
375. Nine Mile Water Supply 4-102
376. North Alpine 4-102
377. North Fork Crazy Woman Rehabilitation 4-102
378. North Platte Gages 4-102
379. North Uinta/Bear River Water Supply 4-103
380. Northwest Rural Northern Expansion 4-103
381. Northwest Rural Water Storage 4-103
382. Northwest Rural Water Storage II 4-103
383. Northwest Rural Water System Improvements 2018 4-104
384. Northwest Rural Water System Improvements 2019 4-104
385. North Wright Transmission Line 4-104
386. Oakley Water Supply 4-104
387. Opal Well Improvements 2017 4-105
388. Osage Water Supply 4-105
389. Owl Creek Water Supply 4-105
390. Park Reservoir Dam 4-105
391. Pathfinder Modification Project 4-106
392. Pavillion East Water Supply 4-106
393. Pavillion Water Supply 4-106
394. Pavillion Water System Improvements 4-106
395. Pine Bluffs Brule Formation Water Supply 4-107
396. Pine Bluffs Deep Well 2009 4-107
397. Pine Bluffs Lance, Fox Hills Well 4-107

398. Pine Bluffs North Well Field 4-107
399. Pine Bluffs Supply 4-108
400. Pine Bluffs Well Rehabilitation 4-108
401. Pine Haven Madison Well 4-108
402. Pine Haven Pipeline Rehabilitation 4-108
403. Pine Haven Transmission 2006 4-109
404. Pine Haven Water Supply 4-109
405. Pine Haven Well and Tank 4-109
406. Pinedale Intake Project 4-109
407. Pinedale Pipeline 4-110
408. Pinedale Pipelines 4-110
409. Pinedale Transmission Line 4-110
410. Pineview Tank and Booster Pump 2017 4-110
411. Piney & Cruse Canal Piping Project 4-110
412. Pioneer Canal/Lake Hattie Loan 4-111
413. Pioneer Transmission Pipeline 2017 4-111
414. Poison Spider Pipelines 4-111
415. Poison Spider Water Supply 4-111
416. Porto Canal 4-112
417. Powell Master Plan/Powell Water Supply Rehabilitation 4-112
418. Powell Transmission Pipeline Project 4-112
419. Rafter J Rehabilitation 4-112
420. Ranchester Storage Tank 4-113
421. Rawlins Atlantic Rim Pipeline 4-113
422. Rawlins Groundwater Supply 4-113
423. Rawlins Pipeline & Atlantic Rim Reservoir 4-113
424. Rawlins Springs Rehabilitation 4-114
425. Rawlins Treated Water Tank Rehabilitation 4-114
426. Rawlins Water Supply 4-114
427. Reliance Water Supply 4-114
428. Riverside 4-115
429. Riverton Raw Water Supply Rehabilitation Project 4-115
430. Riverton Valley 4-115
431. Riverton Valley Laterals 4-115
432. Riverton Valley Pipeline Relocation 4-116
433. Riverton Valley Rehabilitation 2009 4-116
434. Riverton Valley Rehabilitation 2013 4-116
435. Riverton Valley Rehabilitation 2014 4-116
436. Riverton Valley Rehabilitation No. 2-1 4-117
437. Riverton Valley Rehabilitation #2, Phase II/Riverton Valley Underflow Project 4-117
438. Riverton Water Supply 4-117
439. Riverton Water Supply 4-117
440. Rock River Transmission Line Replacement 4-118
441. Rock River Transmission Pipeline 4-118
442. Rock Springs/Green River Area Supply 4-118
443. Rolling Hills Water Supply 4-119
444. Rolling Hills Water Supply 4-119
445. Rolling Hills Well 4-119
446. Rolling Hills Well No. 7 Connection 2019 4-119
447. Sahara Rehabilitation 4-120
448. Salt Creek Water Supply 4-120

449. Saratoga Storage Standpipe Rehabilitation....4-120
450. Saratoga Well Field....4-120
451. Savery Creek Diversions Phase II....4-121
452. Savery-Little Snake Battle Creek Diversions....4-121
453. Savery-Little Snake River Water Conservancy District Savery Creek Diversion 2020....4-121
454. Shell Canal....4-121
455. Shell Canal Tunnel Rehabilitation....4-122
456. Shell Valley/Greybull Water Supply....4-122
457. Sheridan 4 MG WTP Tank....4-122
458. Sheridan Area Water Supply....4-122
459. Sheridan/Big Goose Slip Lining....4-123
460. Sheridan Big Goose Water Supply....4-123
461. Sheridan Intake Structure....4-123
462. Sheridan Leopard Street Pipeline 2018....4-123
463. Sheridan North Loop Transmission Line....4-124
464. Sheridan North Side Transmission Pipeline 2018....4-124
465. Sheridan NW/Big Goose Tanks....4-124
466. Sheridan Pipeline Rehabilitation....4-124
467. Sheridan Raw Water Supply....4-124
468. Sheridan Raw Water Supply Rehabilitation Project....4-125
469. Shoshone Drop Structures....4-125
470. Shoshone Eagle Nest Creek....4-125
471. Shoshone Irrigation District Rehabilitation 2013....4-126
472. Shoshone Irrigation District Rehabilitation 2015....4-126
473. Shoshone Irrigation District Rehabilitation 2017....4-126
474. Shoshone Municipal Pipeline....4-126
475. Shoshone Municipal Pipeline - 2009....4-127
476. Shoshone Municipal Water Treatment....4-127
477. Shoshone Rehabilitation....4-127
478. Shoshone Rehabilitation 2009....4-128
479. Shoshone Rehabilitation 2011....4-128
480. Shoshone Transmission Pipeline 2016....4-128
481. Shoshone Well and Transmission....4-128
482. Shoshoni Water Supply....4-129
483. Sidon Bitter Creek Crossing Rehabilitation....4-129
484. Sidon Canal Rehabilitation....4-129
485. Sidon Irrigation District Rehabilitation 2014....4-129
486. Sidon Irrigation District Rehabilitation 2016....4-129
487. Sidon Irrigation District Rehabilitation 2017....4-130
488. Sidon Irrigation District Rehabilitation 2018....4-130
489. Sidon Rehabilitation....4-130
490. Sinclair Water Supply Project....4-130
491. Sinnard Dam....4-131
492. Sleepy Hollow Pipeline....4-131
493. Sleepy Hollow Tank Rehabilitation....4-131
494. Sleepy Hollow Well Replacement....4-131
495. Small Water Projects....4-132
496. Smiths Fork Water Supply....4-139
497. Smoot Water Supply....4-139
498. South Big Horn County Pipeline....4-139
499. South Circle Estates Water Supply....4-139

500. South Laramie Water Supply 4-140
501. South of Laramie Water Supply 4-140
502. South Thermopolis Water Supply 4-140
503. Southwest Casper Water Supply 4-140
504. Spring Draw Ditch 4-141
505. Squaw Creek Water Supply 4-141
506. Squaw Creek Water Supply 4-141
507. Stage II Pipeline 4-141
508. Star Valley Ranch Water Supply 4-141
509. State Line Canal Diversion 4-142
510. Sulphur Creek 4-142
511. Sundance Meadows Water Supply 4-142
512. Sundance PRV Improvements 2016 4-143
513. Sundance Storage Tank 4-143
514. Sundance Tank 4-143
515. Sundance Tank 2018 4-143
516. Sundance Transmission Pipeline 2016 4-143
517. Sundance Well 4-144
518. Sunset Pipeline 4-144
519. Superior Water Supply 4-144
520. Sweetwater Project 4-144
521. Taylor Ditch Siphon 4-145
522. Ten Sleep Storage Tank 4-145
523. Teton Village Water Supply 4-145
524. Teton Village Water Supply 4-145
525. Thayne Tank 2017 4-146
526. Thayne Water Supply 4-146
527. Thermopolis Pipeline Replacement 2017 4-146
528. Thermopolis Storage Replacement and Rehabilitation 4-146
529. Thirty-Three Mile Water Supply 4-147
530. Torrington Raw Water 4-147
531. Torrington Water Supply 4-147
532. Turnerville Water Supply Project 4-147
533. Upper Bluff Rehabilitation 4-148
534. Upper Hanover Water Supply 4-148
535. Upper Little Warm Springs Water Supply 4-148
536. Upton Tank Replacement 4-148
537. Upton Water Supply 4-148
538. Upton Well 4-149
539. Vista West Water Supply 4-149
540. Wamsutter Water Supply 4-149
541. Wamsutter Water Supply Rehabilitation Project 4-149
542. Wamsutter Well 4-150
543. Wamsutter Well 2010 4-150
544. Wardwell Water Supply Improvements 4-150
545. Washakie Rural Water Supply Project 4-150
546. Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains 2016 4-151
547. Weather Modification Medicine Bow Mountains 2019-2020 4-151
548. Weather Modification – Wind River Mountains 4-151
549. Weather Modification – Wind River Mountains 2016 4-152

550. Weather Modification – Wind River Mountains 2017 4-152
551. Weather Modification – Wind River Mountains 2018 4-152
552. Weather Modification – Wind River Mountains 2019 4-153
553. Weather Modification Wind River Mountains 2019-2020 4-153
554. Westside/Rock Springs Water Supply 4-153
555. Wheatland – Black Mountain Water Supply 4-153
556. Wheatland Black Mountain II Water Supply Project 4-154
557. Wheatland ID Tunnel Dam Rehabilitation 2019 4-154
558. Wheatland Irrigation District Laramie River Diversion Improvements 4-154
559. Wheatland Irrigation District Rehabilitation 2015 4-154
560. Wheatland No. 7 Well 4-155
561. Wheatland Pipelines 4-155
562. Wheatland Rehabilitation 2011 4-155
563. Wheatland Re-regulating Reservoirs 4-155
564. Wheatland Reservoir No. 1 4-156
565. Wheatland Sand Lake Dam/Canon Canal Rehab. 4-156
566. Wheatland Water Supply 4-156
567. Wheatland Wells 2017 4-156
568. Wild Rose Water Supply 4-157
569. Willwood Dam Rehabilitation 4-157
570. Willwood Dam Rehabilitation 4-157
571. Willwood Irrigation District Rehabilitation 2014 4-157
572. Willwood Irrigation District Rehabilitation 2016 4-157
573. Willwood Rehabilitation 2009 4-158
574. Willwood Rehabilitation 2010 4-158
575. Wind River Irrigation 4-158
576. Wind River Irrigation Rehabilitation 2015 4-158
577. Worland Eastside Transmission Line 4-159
578. Wright Water Supply 4-159
579. Wright Water Supply 4-159
580. Wright Water Supply 2011 4-159
581. Wright Well and Pipeline 4-160
582. Yoder Water Supply 4-160
583. Yoder Water Supply 4-160
584. Yoder Water Well 4-160

WYOMING WATER DEVELOPMENT PROGRAM

CHAPTER 1 - WYOMING WATER DEVELOPMENT PROGRAM

I. Introduction

A. Vision

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

B. Philosophy

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

C. Contribution to Wyoming Quality of Life

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

II. Duties and Responsibilities

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

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

A. Water Resource Development

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

1. New Development Program

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

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

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

2. Rehabilitation Program

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

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

3. Dam and Reservoir Program

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

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

B. Water Resource Management and Planning

1. Water Investment Management

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

Account	Wyoming's Storage (Acre-Feet)	June 30, 2024 Account Balance
Fontenelle Reservoir	120,000	5,014,747
Buffalo Bill Dam	187,940	28,552,183
Palisades Reservoir	33,000	736,229
Miscellaneous Water Investment	5,000	43,079
High Savery Reservoir	22,433	1,143,399
Pathfinder Modification	53,493	13,092,076
Glendo Reservoir	10,600	997,103
Keyhole Reservoir	0	0.00
Lake DeSmet Reservoir/ Healy Reservoir	62,199 / 5,140	1,941,518
Middle Piney Reservoir	4,201	563,642

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 6, 2024, the WWDC reviewed the financial status and projections for each of the nine reservoir accounts to determine if any excess funds exist within the accounts as required by W.S. 99-99-1001(c). The WWDC concluded that there are no excess funds at this time and no further action is recommended.

The following is a brief description of each account:

Fontenelle Reservoir Account

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

Buffalo Bill Dam Account

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

Palisades Reservoir Account

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

Miscellaneous Water Investment Account

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

High Savery Reservoir Account

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

Pathfinder Modification Account

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

Glendo Reservoir Account

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

Keyhole Reservoir Account

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

Lake DeSmet Reservoir Account

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

Middle Piney Reservoir Account

- Legislative Authorization: SL 2019, CH 55

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

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

Account	June 30, 2024 Account Balance
Platte River Basin Endangered Species	7,032,350

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, 52 are currently permitted by the State Engineer's Office (SEO), 66 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 2024.

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, $12,413,000 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 prioritize, 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 $9,694,152 for the 2025-2026 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 $17,371,682 for the 2025-2026 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 $397,514 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 $12,413,000 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 $683,365 per biennium to the Wyoming Department of Agriculture for TMDL programs, and $118,620 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 prioritize, 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 2024, over $15,737,906 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 $8,000,000 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 25 staff members. Over the past five years, the commission and staff have overseen and administered expenditures averaging over $42 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 2024 by Water Development Account (WDA) I, II, and III:

	Percentage (%) of Total Expenditures		
Sector	WDA I	WDA II	WDA III*
Multi-purpose	10.6	4.4	55.4
Agriculture	8.9	55.9	24.4
Municipal	49.0	33.2	20.2
Special Districts	6.2	1.6	-
Legal	2.9	3.3	-
Non-Project	22.4	1.6	-

*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, 2024, there are projects with appropriations in excess of $500M 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. 2025 Preliminary Funding Recommendations:

Summary-2025 Omnibus Water Bill-Planning Preliminary Recommendations

Level I Projects-New Development	County	WDA I	WDA II	WDA III
Hulett Water Master Plan	Crook	$166,000		
Subtotal		$166,000		

Level I Projects-Rehabilitation	County	WDA I	WDA II	WDA III
Pioneer Canal Lake Hattie Irrigation District Master Plan	Albany		$236,000	
Smith's Fork Irrigation District Master Plan	Lincoln		$272,000	
Wheatland Irrigation District Master Plan	Albany, Carbon, Platte		$472,000	
Subtotal			$980,000	

General	County	WDA I	WDA II	WDA III
UW Water Research Program	Statewide	$368,998		
Subtotal		$368,998		

Level II Projects-Dams and Reservoirs	County	WDA I	WDA II	WDA III
Middle Popo Agie River Storage Study	Fremont			$551,000
Subtotal				$551,000

2025 Omnibus Water Bill-Planning Preliminary Total	**$534,998**	**$980,000**	**$551,000**

Summary-2025 Omnibus Water Bill-Construction Preliminary Recommendations

Level III Projects-New Development	County	WDA I	WDA II	WDA III
Big Horn Regional JPB South Transmission Project 2025	Washakie	$405,000		
Cloud Seeding: Medicine Bow & Sierra Madre Mountain Ranges 2026 (Aerial)	Albany/Carbon	$875,000		
Cloud Seeding: Wind River & Sierra Madre Mountain Ranges 2026 (Ground Based)	Fremont, Sublette and Carbon	$322,143		
Hoback Junction Public Water System 2025	Teton	$274,450		
SAWS JPB Upper Road Transmission Main Phase I 2025	Sheridan	2,206,750		
Small Water Development Projects – New Development 2025	Statewide	1,500,000		
Subtotal		$5,583,343		

Level III Projects-Rehabilitation	County	WDA I	WDA II	WDA III
CAID Lateral 256 Check Structure Rehabilitation 2025	Natrona		$372,500	
Casper Tank Replacement 2025	Natrona		$5,672,000	
Cottonwood Irrigation District Pipeline Replacement 2025	Lincoln		$598,000	
EVIDD Farson Lateral Phase 4A 2025	Sweetwater		$1,112,500	
GID 62.2 Check Structure Project 2025	Goshen		$1,322,000	
Kirby creek Spillway Replacement 2025	Hot Springs		$554,000	
Meeteetse Trails Estates 2025	Park		$324,581	
Rawlins Sage Creek Pipeline 2025	Carbon		$2,835,000	
Sidon ID Canal Crossing 2025	Big Horn		$432,000	
Small Water Development Projects – Rehabilitation 2025	Statewide		$500,000	
Upper Bluff Pump Plant No. 1 Pipeline 2025	Washakie		$356,750	
West Afton ID Phase I Project 2025	Lincoln		$1,317,000	
Willwood ID Willwood Chute 2025	Park and Big Horn		$1,698,000	
Subtotal			$17,094,331	

Amendments to Prior Appropriations	County	WDA I	WDA II	WDA III
Sponsor's Contingency Fund – Account II	Statewide		$2,900,000	
Broken Wheel Ranch Water Supply 2017	Lincoln	$300,000		
Gillette Regional Extensions 2017	Campbell	Time extension to 7/1/2026		
Middle Piney Reservoir	Sublette	Time extension to 7/1/2027		
Alkali Creek Reservoir	Big Horn	Time extension to 7/1/2027		
Gillette Regional Extensions Phase IV 2018	Campbell	Time extension to 7/1/2026		
GR/RS/SC JPWB Pump Station 2019	Sweetwater	$4,465,000		
Eden Valley Irrigation District System Improvements 2019	Sweetwater	Time extension to 7/1/2028		
Gillette Regional Extensions Phase V 2020	Campbell	Time extension to 7/1/2027		
Enterprise Watershed Improvement District Canal Lining 2020	Fremont	Time extension to 7/1/2027		
Laramie Valley Diversion Structure 2020	Albany	Time extension to 7/1/2027		
Lander Well and Transmission Pipeline 2021	Fremont	$1,030,058		
South End Water Users ISD Pipeline 2023	Big Horn	$3,409,630		
Subtotal		$9,204,688	$2,900,000	$0

2025 Omnibus Water Bill-Construction Preliminary Total	**$14,788,031**	**$19,994,331**	**$0**

III. Financial Status Reports

The following three (3) tables depict the calculations used to estimate the available funds in each account for the 2024-25 Legislative Session.

Water Development Account I
Preliminary Fiscal Projections as of 8/01/2024

Cash Balance 6/30/2023		104,614,526
FY 2024 Revenues		
Taxes	19,297,500	
Interest	4,282,586	
Loans/Interest	1,578,008	
Other	450,107	
General Fund	17,309,147	
Total Revenues		42,917,348
FY 2024 Expenditures		
Total Expenditures		(24,262,323)
Cash Balance 6/30/2024		123,269,551
Outstanding Commitments 7/1/2024		
Active Appropriations	(160,754,469)*	
Expenditures Paid	38,375,917	
Total Commitment 7/1/2024		(122,378,553)
Total Uncommitted Balance7/1/2024		890,998
FY 2025 Anticipated Revenues		
Taxes	19,297,500	
Interest	1,500,000	
Other	1,500,000	
Total FY 2025 Anticipated Revenues		22,297,500
FY 2026 Anticipated Revenues		
Taxes	19,297,500	
Interest	1,500,000	
Other	1,500,000	
Total FY2026 Anticipated Revenues		22,297,500
Subtotal Anticipated Revenues		44,595,000
Balance Available for Appropriation		45,485,998

Appropriation for Redundancy of Water Delivery Systems (SL 2024 CH 99)

Redundancy of Water Delivery Systems (SF0075, SL 24 CH 99)	6,000,000	
Total		(6,000,000)
Updated Balance Available for Appropriation		39,485,998

*Active Appropriations includes the funding for the Board of Control within the State Engineer's Office.

Water Development Account II
Preliminary Fiscal Projections as of 8/01/2024

Cash Balance 6/30/2023		54,145,938
FY 2024 Revenues		
Taxes	3,255,000	
Interest	2,413,704	
Loans/Interest	1,216,378	
Other	51,821,566	
Total Revenues		58,706,648
FY 2024 Expenditures		
Total Expenditures		(11,929,205)
Cash Balance 6/30/2024		100,923,381
Outstanding Commitments 7/1/2024		
Active Appropriations	(122,025,722)	
Expenditures Paid	29,147,848	
Total Commitments 7/1/2024		(92,877,874)
Total Uncommitted Balance 7/1/2024		8,045,507
FY 2025 Anticipated Revenues		
Taxes	3,255,000	
Interest	400,000	
Loans/Interest	800,000	
Total FY 2025 Anticipated Revenues		4,455,000
FY 2026 Anticipated Revenues		
Taxes	3,255,000	
Interest	400,000	
Loans/Interest	800,000	
Total FY 2026 Anticipated Revenues		4,455,000
Subtotal Anticipated Revenues		8,910,000
Balance Available for Appropriation		16,955,507

Water Development Account III
Preliminary Fiscal Projections as of 8/01/2024

Cash Balance 6/30/2023		216,274,181
FY 2024 Revenues		
Taxes	775,000	
Interest	8,170,152	
Other	2,020	
Total Revenues		8,947,173
FY 2024 Expenditures		
Total Expenditures		(22,278,905)
Cash Balance 6/30/2024		202,942,449
Outstanding Commitments 7/1/2024		
Active Appropriations	(216,797,026)	
Expenditures Paid	52,488,961	
Total Commitments 7/1/2024		(164,308,065)
Total Uncommitted Balance 7/1/2024		38,634,385
FY 2025 Anticipated Revenues		
Taxes	775,000	
Interest	2,200,000	
Total FY 2025 Anticipated Revenues		2,975,000
FY 2026 Anticipated Revenues		
Taxes	775,000	
Interest	2,200,000	
Total FY 2026 Anticipated Revenues		2,975,000
Subtotal Anticipated Revenues		5,950,000
Balance Available for Appropriation		44,584,385

IV. Anticipated Remaining Funding after the 2025 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 2025 Session by predicting the anticipated demands placed on those accounts during the 2025 Session.

Water Development Account I

Available 2025 Session		$39,485,998
2025 Omnibus Water Bills		
Transfer to WDA II	$ 4,200,000	
Planning	$ 534,998	
Construction	$14,788,031	
Deduct: Omnibus Water Bills		$19,523,029
Subtotal		$19,962,969
Add: Anticipated 2025 Reversions		$ 1,000,000
Anticipated Remaining after 2025 Session		**$20,962,969**

Water Development Account II

Available 2025 Session		$16,955,507
Add: Anticipated Transfer from WDA I		$ 4,200,000
2025 Omnibus Water Bills		
Planning	$ 980,000	
Construction	$19,994,331	
Deduct: Omnibus Water Bills		$20,974,331
Subtotal		$ 181,176
Add: Anticipated 2025 Reversions		$ 1,000,000
Anticipated Remaining after 2025 Session		**$ 1,181,176**

Water Development Account III

Available 2025 Session		$44,584,385
2025 Omnibus Water Bills		
Planning	$ 551,000	
Deduct: Omnibus Water Bills		$ 551,000
Subtotal		$44,033,385
Add: Anticipated 2025 Reversions		$ 0
Anticipated Remaining after 2025 Session		**$44,033,385**

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	
Cloud Seeding: Medicine Bow/Sierra Madre/Laramie Range	875,000	
Cloud Seeding: Wind River Range	323,000	
Cody System Improvements	1,000,000	
CWRWS - Westwinds Rd Transmission Line	5,500,000	
Groundwater Grant Program	1,000,000	
GR/RS/SC JPWB Pump Station and Transmission Line	24,000,000	
GR/RS/SC JPWB Wind River Zone Phase II	5,000,000	
Hanna Transmission	250,000	
Little Snake River Valley Municipal Water Supply	30,000,000	
Osage System Improvements	2,000,000	
Ranchester System Improvements	1,940,000	
Rawlins Tank Farm	4,700,000	
Shoshoni System Improvements	1,000,000	
Small Water Program	1,500,000	
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 Well Replacement	1,800,000	
Grand Total WDA I		**$87,263,000**

Water Development Account II – Potential Projects	
Austin-Wall Reservoir Rehabilitation	1,000,000
Big Horn Canal Siphon	150,000
Bluff/Upper Bluff Irrigation District Rehabilitation	575,000
Casper - Ridgecrest Zone 2/3 Transmission Line	1,450,000
Casper Alcova Irrigation District Rehabilitation	5,268,000
Cody Canal Rehabilitation Phases I-VI	73,800,000
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 – Pipe to Canal	3,000,000
Greybull Tank Transmission Line	50,000,000
Highland Hanover Irrigation District Pump Replacement	4,400,000
Heart Mountain Irrigation District	500,000
Midvale Irrigation District	1,000,000
Powder River Irrigation District Siphon	TBD
Rawlins High-Pressure Transmission Pipeline	7,300,000
Rawlins Sage Creek Springs Rehabilitation	8,600,000
Shoshone Irrigation District	500,000
Sidon Irrigation District North Lateral	2,930,000
Silver Lake Dam Rehabilitation	3,500,000
Small Water Program	500,000

Tillard Canal Company/Irrigation District Pump & Checks	200,000	
Wind River Irrigation Rehabilitation	25,000,000	
Grand Total WDA II		**$200,973,000**

Water Development Account III

There are four (1) dam and reservoir projects funded for construction and nine (9) additional projects in the planning phase under consideration.

Alkali Creek Reservoir (additional funding needed)	30,000,000	
Clear Creek Storage	120,000,000	
Greybull Valley Storage Enlargement	100,000,000	
Meadowlark Lake Enlargement	20,000,000	
Meeks Cabin Enlargement	35,000,000	
New Fork Enlargement	20,000,000	
Stateline Reservoir Enlargement	35,000,000	
West Fork Reservoir	75,000,000	
Wind River Storage (Two sites)	120,000,000	
Grand Total WDA III		**$555,000,000**

ACTIVE PROJECT REPORTS

CHAPTER 3 – ACTIVE PROJECTS

1. PROJECT: Alkali Creek Reservoir

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	33	2008	III	$ 300,000	2010
Level II	32	2010	III	$ 250,000	2016
Level II	57	2012	III	$ 350,000	2016
Level II	74	2014	III	$ 225,000	2017
Level II	168	2015	III	$ 4,000,000	2024
Level 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 to 96.4% and the loan percentage was changed 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.

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.

Final design is approximately 50% complete. The District is currently working with landowners to secure easements necessary for the construction of the Project.

2. PROJECT: Alpine Water Master Plan

LEVEL: I
SPONSOR: Town of Alpine
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	206	1995	I	$ 700,000	1998
Level III	88	2002	I	$ 41,700	2006
Level II	75	2005	I	$ 75,000	2006
Level III	105/63	2006/11	II	$ 359,790	2010/13
Level III	121	2007	I	$ 688,090	2012
Level II	99	2006	I	$ 185,000	2008
Level II	33/66	2008/09	I	$ 85,000	2009/10
Level I	98	2024	I	$ 153,000	2027

PROJECT INFORMATION:
Alpine receives water from three wells with storage provided by three storage tanks. The population of Alpine has experienced significant residential and business growth within the past decade. In addition, Alpine has been absorbing neighboring subdivisions and is serving a larger geographic area, and has plans to expand within the next 10 years. The most recent Water Master Plan was completed in 2009.

This study will provide an inventory and evaluation of the entire water system. The study will also convey 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 2024, work started to gather system information and data. GIS mapping has been performed, and work has begun on the hydraulic model. A pump test has been completed on Excel Well #1 to help determine the long-term viability of utilizing the well as a source of supply for the system. This project is ongoing and a final report is anticipated in 2025.

3. PROJECT: Arapahoe Pipeline and Tank

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

EXISTING AND PRIOR LEGISLATION:

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

†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 are 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 requested and received a project budget increase and time extension in order to complete the project and proceeded to bid the project in the spring of 2024. The construction of the tank and transmission line project was awarded in 2024 and is scheduled to be complete in 2025.

4. PROJECT: Arapahoe Water Supply 2016

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2016	I	$ 2,247,850	2021*
Level III	12	2021	I	$ 0	2026**

*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 due to right-of-way issues and lack of funding due to inflation.

5. PROJECT: Austin-Wall Reservoir Rehabilitation 2019

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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***
Level III	99	2024	II	$ 0	2026†

*50% Grant. This appropriation replaced by 2015 appropriation
**50.9% Grant, 3.4% Loan
***67% Grant, 33% Loan
†Time only Amendment

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 allowed 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 the 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 provided construction funds to replace the outlet and provided a preliminary spillway though the outlet works. This phase did 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 was 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 was 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, and working to complete the NEPA Process for the proposed area of disturbance.

6. PROJECT: Bairoil Water Master Plan

LEVEL: I
SPONSOR: Town of Bairoil
LOCATION: Sweetwater County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	81	1999	I	$ 225,000	2001
Level II	36	2000	I	$ 200,000	2003
Level III	96	2000	I	$ 480,000*	2005
Level II	7	2002	I	$ 40,000	2005
Level II	118	2004	I	$ NA	2007
Level I	98	2024	I	$ 147,000	2027

*60% grant

PROJECT INFORMATION:
The Town of Bairoil is located in Sweetwater County and resides within the Great Divide Basin. The town has a population of 64 people and they are served through 42 taps in the corporate limits and 1 tap outside the limits. The town is supplied with Battle Springs Formation groundwater from one (1) well (60 gpm) and also from Abel Springs groundwater (several springs yielding 35-100 gpm). The transmission line runs approximately 6.5 miles and consists of 6-inch & 10-inch PVC pipe. The supplied groundwater is treated by chlorination (sodium hypochlorite) before entering the tank and stored in one (1) 350,000-gallon, covered steel storage tank. Dosing is controlled manually. There is no SCADA system. The tank has an overflow for excess water.

The Town of Bairoil's water system is experiencing issues because the aging system is nearing the end of its design life and also faces maintenance questions and concerns regarding the current system. The master plan will help the town to evaluate and prioritize planning, rehabilitation, upgrades, and management of the system. The study will evaluate transmission and distribution lines, hydrants, valves, storage, and water sources. Additionally, the study will investigate conveyance losses, develop accurate mapping,

identify improvement projects, and evaluate funding sources for capital improvement. The subsurface locations of buried system will be investigated using an air-knife (or other approved) excavation method as an included scope alternate/recommended appropriation of this study components (up to 35 sites for an extra $50,000).

The Town of Bairoil requested funding for a 2024 Level I water master plan to identify the components of their existing system, evaluate the system, and provide a prioritized schedule for improvements. The study commenced in late April, 2024, and the scoping meeting was held on June 5, 2024. The study is scheduled for completion in August, 2025.

7. PROJECT: Big Horn Canal Irrigation District Master Plan

LEVEL: I
SPONSOR: Big Horn Canal Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 150,000	2006
Level III	75	2008	II	$ 500,000	2013
Level III	38/68	2009/10	II	$ 1,180,000	2014
Level III	14	2012	II	$ 1,440,000	2017
Level III	55	2019	II	$ 960,000	2024
Level I	98	2024	II	$ 289,000	2027

PROJECT INFORMATION:
The Big Horn Canal Irrigation District was formed in 1993 and the Big Horn Canal was constructed in the early 1900's. The main stem of the Big Horn Canal is over 60 miles long and extends from south of Worland to Greybull. The District has completed numerous projects since the last planning study and new issues have been identified.

The Big Horn Canal Irrigation District requested funding for a new Level I study to perform condition assessments on major infrastructure throughout the District. The Big Horn Canal is over 100 years old and also supplies water to the Town of Basin. The study is evaluating existing infrastructure, prioritizing repair and replacement needs, and will include a determination of cost estimates to assist in evaluating financing options and budgets accordingly. The study will also recommend any needed operational changes.

The Scoping Meeting for this project was held in Basin on May 16, 2024. An inventory of infrastructure was completed along with a wet survey of the conveyances in the summer of 2024. This has been followed up by a dry survey and condition assessment in the fall of 2024. It is anticipated that this project will be complete in the fall of 2025.

8. PROJECT: Big Horn Regional JPB Lucerne Tank and Pump Station 2024

LEVEL: III
SPONSOR: Big Horn Regional Joint Powers Board
LOCATION: Hot Springs County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	32	2017	I	$ 180,000	2020

Level II	11	2021	I	$ 146,000	2024
Level III	99	2024	I	$ 4,361,700	2029

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. The Big Horn Regional Transmission Level II Study identified this area as needing service improvements, particularly for peak flows, for customers in Hot Springs County, including Kirby and Lucerne.

The goal of this project will be to construct a 250,000-gallon tank, transmission main, and pump station near the Town of Kirby.

This Project would also allow Owl Creek, which experiences repeated violations due to high disinfection byproducts, to change their source of water from the Town of Thermopolis to Big Horn Regional should they decide to do so. Furthermore, this Project would allow for other districts such as Red Lane and South Thermopolis to acquire higher quality water from Big Horn Regional should they decide to do so.

As of October, 2024, this project was just beginning design work, with construction expected sometime in 2026.

9. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 1MG 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 2024, the project has been constructed and is closed-out.

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

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

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

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

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

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

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

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

The objective of the Phase II analysis is to continue to develop project knowledge by leveraging past and current work to develop a preferred alternative for recommendation for a Level II, Phase III (permitting and final design) funding request. The draft report for the Level II, Phase II is currently under review. The project is approaching its conclusion.

11. PROJECT: Bridger Valley JPB Tank Replacement 2024

LEVEL: III
SPONSOR: Bridger Valley JPB
LOCATION: Uinta County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	99	2024	II	$ 728,500	2029*

*50% Grant

PROJECT INFORMATION:

Bridger Valley's water storage currently consists of three (3) tanks. The North Tank is a welded tank with a capacity of half million gallons and was constructed in 1979. The South Tank is a bolted tank with a capacity of half million gallons and was constructed in 2004. The third tank is a concrete tank with a capacity of one million gallons and was constructed in the 1980's. The total water storage capacity for the system is two million gallons.

The North Tank has reached the end of its useful life expectancy. The Joint Power's Board (JPB) has had to perform consistent maintenance on the tank to repair leaks and corrosion issues. In the Bridger Valley Regional Water Master Plan Level I Study (2021), the floor of the North tank was identified as having significant corrosion issues.

In 2023, the JPB requested a Level III project. The proposed project would replace the North Tank with a new storage tank similar in capacity. The new tank will be constructed of concrete or steel. Currently, the project is being designed and is expected to be ready to bid the construction work by the spring of 2025.

12. PROJECT: Broken Wheel Ranch Water Supply 2017

LEVEL: III
SPONSOR: Broken Wheel Ranch Improvement and Service District
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

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

*67% grant
**Time Extension Only

PROJECT INFORMATION:

The Broken Wheel Ranch Improvement and Service District is located in northwestern Lincoln County 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-feet 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 gallon per minute 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 became 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. The well was drilled in the spring of 2024, and tested to have a capacity of forty gallons per minute. The contract for the construction of the tank and booster pump station was advertised in the fall of 2024. Only one bid was received and negotiations for awarding the bid within budget failed. The design and construction of the pumping equipment and pipeline is anticipated to be completed in 2025. At that time the entire project will be bid/rebid as one project.

13. PROJECT: Buffalo Wells and Transmission 2019

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	74	2014	I	$ 190,000	2017
Level II	65	2017	I	$ 180,000	2020
Level III	55	2019	I	$ 1,238,160	2024*
Level III	99	2024	I	$ 0	2026**

*67% grant only
** Time Extension of 2019 Appropriation

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 was 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. In 2024, design of the collection system and connection to the existing water system was completed. As of October 2024, construction of this work has been awarded and actual work is expected to take place winter 2024 to summer 2025.

In 2023, the JPB requested a Level III project. The proposed project would replace the North Tank with a new storage tank similar in capacity. The new tank will be constructed of concrete or steel. Currently, the project is being designed and is expected to be ready to bid the construction work by the spring of 2025.

14. PROJECT: CAID Lateral 256 Drop Structure 2023

LEVEL: III

SPONSOR: Casper Alcova Irrigation District
LOCATION: Natrona County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	2006	II	$ 200,000	2008
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 has been bid and the contractor will mobilize to the site mid-October 2024. The project is expected to begin December 1, 2024 and completed before irrigation season 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 requested a Level I study to evaluate existing infrastructure, prioritizing repair and replacement needs, and a determination of cost estimates to assist in evaluating financing options and to be able to budget accordingly. The District also requested 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 inventoried and assessed their canal system, investigated conveyance 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 the improvements to the system and needed adjusted rate assessments were included as part of the study.

The draft results presentation for this project was given at a public meeting in Mills, WY on October 10th, 2024. Specific findings from the study included:

- Structures classified as "poor" or "failing" were prioritized for rehabilitation based on their condition and importance. An algorithm was used to rank them by factors such as structure type, supported area, condition, and construction costs. This prioritization should form the foundation of CAID's rehabilitation efforts.
-
- Estimated Cost of Rehabilitation:
  Numerous structures were identified by the Level I Study for rehabilitation, with eight (8) moved forward with conceptual designs and cost estimates. It is estimated that these eight structures would have total component costs of $195,000, and an associated total project cost (engineering, contingency, final plans, permitting, legal fees, and ROW access) of $275,400.
- Estimated Cost of Replacement:
-

  Numerous structures were identified by the Level I Study for complete replacement, with 17 moved forward with conceptual designs and cost estimates. It is estimated that these 17 structures would have total component costs of $3,516,563, and an associated total project cost (engineering, contingency, final plans, permitting, legal fees, and ROW access) of $5,267,063. This total is further broken down into the potential costs via 50% loan from WWDC, annual payments (assuming 20-year term @ 4% interest), and an estimated acreage assessment for users.

The seepage investigation found that earthen laterals are the primary source of seepage losses. However, due to the volume lost and current market costs for ditch lining or pipeline conversion, most laterals are not suitable for conversion based solely on water conservation benefits.

The underdrain culverts beneath the main canal are prone to leakage, as confirmed by onsite and aerial observations, though the exact leakage amount is unmeasured. Canal lining projects could reduce seepage and extend the lifespan of the underdrains. Specific culverts have been selected for replacement with Concept Level Designs and Cost Estimates, while other culverts may also benefit from either replacement or lining.

Final project deliverables to include an updated GIS were received by the WWDO early December, and the project was closed out at the December 18th, 2024 WWDC Meeting in Cheyenne.

16. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 2024, the consultant gathered relevant production information, evaluated and compared wells for similar construction and performance characteristics, and completed fieldwork on a pilot study for rehabilitation techniques. The pilot study compared various rehabilitation techniques to develop recommendations for frequency and method of well rehabilitation for the Sponsor. The consultant also began developing a wellfield groundwater model to describe changes in recharge and discharge to optimize groundwater pumping operations. In addition, the study collected data on recharge basin infiltration rates and how recharge timing and volume impacts well production. The work is expected to continue into 2025.

17. **PROJECT:** **Cheyenne Transmission, Pump Station & Tank 2020**
LEVEL: III
SPONSOR: Cheyenne Board of Public Utilities
LOCATION: Laramie County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

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

*67% grant only

PROJECT INFORMATION:
The EPA has mandated that the City of Cheyenne – BOPU remove the Round Top Tank from Service by 2024. When considering how to replace this storage, 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, BOPU utilizes the Buffalo Ridge Pump Station to provide the proper pressure for the City's North Zone. A new tank at the Buffalo Ridge Tank Site with an elevated water level will 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.

BOPU requested and received funding to construct a new tank and related piping at the Buffalo Ridge Tank Site. The construction of the tank is underway. The design of the pipeline is complete and is being bid. Construction of the pipeline should be complete by the fall of 2026.

18. **PROJECT:** **Chugwater Water Master Plan**
LEVEL: I

SPONSOR: Town of Chugwater
LOCATION: Platte County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	15	1996	I	$ 75,000	1998
Level II	46	1997	I	$ 100,000	1998
Level III	45	1997	II	$ 103,500*	2000
Level III	16	1999	I	$ 967,800**	2003****
Level III	69	2003	I	$ 240,000**	2005****
Level III	147	2005	I	$ 0	2007****
Level III	105	2006	I	$ 134,000***	2010
Level I	98	2024	I	$ 209,000	2027

*50% grant
**60% grant
***67% grant
*****This reversion date was extended to 2010.

PROJECT INFORMATION:
The Town of Chugwater is located in Platte County and resides within the North Platte River Basin. The town has a population of approximately 163 people and they are served through 174 taps within the corporate limits. The town is supplied with Brule Formation groundwater from three (3) wells and the wells have a total combined yield of 475 gpm. Two of the wells are located in the center of town and one well is remotely located miles to the west. The wells supply groundwater via transmission pipelines to the two (2) 190,000-gallon, underground concrete storage tanks, which are located north and west of town, and the distribution system. The supplied water is treated by chlorination and stored in the tanks. The water system is operated using an old SCADA system.

A Level I water master plan was requested by the Town of Chugwater 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 Town of Chugwater is especially concerned with fully evaluating wells 3 and 4 and investigating the need for an additional well or wells; looking into the condition of the storage tanks; recommending SCADA upgrades; investigating water loss accountability including leak testing of transmission lines; looking into installing flow meters at the pump; and the need for backup power and redundancy. The plan will serve as a framework to establish project priorities and to perform financial planning necessary to meet those priorities. The plan will also provide reconnaissance-level information regarding costs and scheduling. It has been almost 30 years since the last master plan study was completed on the Chugwater system.

The study began in April, 2024 and the scoping meeting was held on June 18, 2024. This study is scheduled for completion in August, 2025.

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:
The Cody and Powell-Clarks Fork Conservation Districts requested a watershed study to evaluate current watershed function and irrigation diversion/conveyance systems. The primary goal was 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 provided 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 provided 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.

The study identified and provided detailed descriptions of forty-six (46) potential projects. The descriptions for each project include purpose and need, project details, potential permitting needs, conceptual designs and cost estimates. The projects are organized into the categories below:

- Irrigation System Improvements and Rehabilitation: A total of fifteen (15) irrigation projects were identified and incorporated into the watershed management plan. Projects within this category include irrigation structure replacement and rehabilitation, ditch to pipe conversions, spring improvements for irrigation supply, and irrigation storage facilities. Benefits include increased efficiency and water conservation.
-
- Livestock/Wildlife Watering Opportunities: Most of the potential projects (21 projects) identified fall into this category. Projects include spring developments and pipelines for livestock water, stock tank installation, well installation, and pond/reservoir construction and rehabilitation. Benefits include wildlife habitat improvements and improved watershed, livestock, and wildlife health through increased watering opportunities.
-
- Environmental Enhancement Opportunities: A total of nine (9) specific environmental enhancement opportunities were identified. Projects within this category include streambank stabilization and fishery improvements. Benefits include water quality improvements through sediment reduction to the watershed's rivers and streams and increased fish production for wildlife food supply and recreation.
-
- Fire Suppression Improvements: One project was identified to replace a local subdivision water storage tank and make it suitable to fill fire trucks for emergency response. This project involves the replacement of an existing aging water storage facility currently used only for irrigation

purposes. By facilitating the new tank with requisite connections to accommodate fire-fighting equipment to access the water, the facility could serve multiple purposes. Coordination with local fire authorities would be required.

-
- Other Federal and State Agency Project Recommendations: In addition, the consultant engaged with federal and state agencies including Wyoming Game and Fish, Natural Resources Conservation Service and the Shoshone National Forest on potential projects. An extensive list of additional projects (approximately 60 projects) in various stages of development is also included in the report.

Additional Partnership and Operational Recommendations

Thirteen additional recommendations for the Conservation Districts were identified and are summarized as follows:

- Engage with broad scale planning processes such as mitigation plans, irrigation district plans and restoration plans to find opportunities to implement recommendations of this study and future planning processes.
- Have prompt implementation of projects identified in this study which provide multiple public benefits to generate interest in the advancement of future projects.
- Serve as a local resource for to facilitate SWPP applications. This includes work with SWPP staff early in the process to determine project eligibility.
- Future hydrologic modeling efforts were identified in the study. It was recommended that prior to implementing these efforts clear objectives be developed which benefit multiple end user of the data.
- Utilize partnerships to create projects with multiple benefits and diverse funding sources.

Average cost for each project is approximately $88,000. Total cost for all projects is approximately $4,000,000. This planning project was closed out in May of 2024.

20. PROJECT: Clear Creek Storage

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

EXISTING AND PRIOR LEGISLATION:

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

*Time Extension of 2015 Appropriation

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

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

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

At the request of the Clear Creek Conservation District, a Level II Storage Feasibility Study was initiated in mid-2011 to further explore storage opportunities identified in the Clear Creek Watershed Study. The objective has been to develop and/or expand current water storage in the Clear Creek Watershed to collect the excess spring runoff and allow for controlled, consistent releases, thus providing agricultural benefits through improved management and late season irrigation, potential municipal benefits through supply and reduction of channel erosion and flooding in area communities, as well as environmental and recreational benefits through the enhancement of fisheries and wildlife habitat. The Level II study focused primarily on hydrologic analysis, need for supplemental water, and site investigations to determine the most viable and least environmentally damaging storage locations. Completion of a StateMod Hydrologic model of the entire Clear Creek Watershed has given understanding of where irrigation shortages are located, where water is legally available to store with a present-day water right, and how incorporation of new storage can reduce shortages within the watershed. The model also accounts for Lake DeSmet and its many water rights, possibilities of its utilization in reducing shortages, and its possible impacts to other reservoir yields evaluated.

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

During the 2013 General Session, the Clear Creek Conservation District requested and received additional funding for a Level II, Phase II Storage Feasibility Study to continue to refine data on the storage opportunities analyzed in the Clear Creek Storage, Level II Study. Significant effort was placed on engaging the parties potentially affected and/or benefited by the Bull Creek Reservoir concept. Feedback from the conversations was very positive and plans were to continue the discussion so as to develop the partnerships necessary to bring a project to fruition. Work also focused on hydrologic model refinement,

geotechnical and environmental investigations, and economics to further determine the feasibility of the preferred alternative. Geotechnical investigation of the Bull Creek Reservoir site took place in 2014. Results showed a strong foundation to safely build an embankment on, however uncontrolled seepage rates appeared to be high through the bed of the reservoir pool area and surrounding ridges because of bedrock that is predominantly uncemented sandstone. Foundation treatments to control seepage are common and geotechnical engineers analyzed mitigation measures to reduce seepage and increase storage efficiency at the Bull Creek site. Consequently, the overall cost associated with construction of the project increased.

a. 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.

21. PROJECT: Clearmont Well Connection 2019

LEVEL: III
SPONSOR: Town of Clearmont
LOCATION: Sheridan County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	I	$ 750,000	2018
Level III	55	2019	I	$ 328,970	2024*
Level III	99	2024	I	$ 0	2026**

*67% grant only
** Time Extension of 2019 Appropriation

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 Level II study was initiated to install two test wells, 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). 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 2024, the Town is working with their consultant and the construction contractor to determine the cause of the poor-quality water and what remediation efforts can be made.

22. 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: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	I	$ 589,000	2021
Level III	113	2020	I	$ 705,000	2022
Level III	12	2021	I	$ 728,000	2023
Level III	93	2022	I	$ 823,490	2024
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, began on November 3, 2023 and concluded on April 27, 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 cloud seeding effort included funding from other water users, as provided by the City of Cheyenne Board of Public Utilities.

Part of this aerial cloud seeding effort targeted 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, agreed to fund 100% of operational cloud seeding costs that took place over the Never Summer Mountains and within specific other mountain ranges in Jackson County, Colorado. In the project contract, there were terms that identified a priority of work, with Wyoming target areas as the first cloud seeding priority before any cloud seeding efforts were considered in Colorado. In order for this project to operate within both states, the contractor 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 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 prepared operational forecasts, maintained equipment, and conducted all aerial seeding operations. In the Medicine Bow and Sierra Madre Mountains, thirty-four (34) flights were conducted for a total of 114.52 flight hours, consisting of twenty-eight (28) seed, and six (6) reconnaissance missions. A total of 78,620 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares. In the Never Summer Mountain Range of Colorado, eleven (11) flights were conducted for a total of 28.55 flight hours. Seeding was conducted during six (6) of the missions. A total of 14,000 grams of seeding agent were dispensed via ejectable flares and burn-in-place flares.

23. PROJECT: Cloud Seeding: Medicine Bow and Sierra Madre Mountain Ranges 2025 (Aerial)

LEVEL: III
SPONSOR: State of Wyoming
LOCATION: Medicine Bow and Sierra Madre Mountain Ranges
Albany and Carbon Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION: *

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	I	$ 589,000	2021
Level III	113	2020	I	$ 705,000	2022
Level III	12	2021	I	$ 728,000	2023
Level III	93	2022	I	$ 823,490	2024
Level III	180	2023	I	$ 825,000	2025
Level III	99	2024	I	$ 825,000	2026

*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 2024-2025, are scheduled to begin on November 8, 2024 and conclude on April 15, 2025. Wyoming's funds necessary to run the program were appropriated by the 2024 Wyoming State Legislature through the passage of the "2024 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. 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.

The previous 6 years of this airborne program also included targeting of 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. That District has chosen not to participate this year and as such, aerial seeding efforts will concentrate solely on the Medicine Bow and Sierra Madre Mountain Ranges in Wyoming for the winter of 2024-2025. These efforts are 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). Throughout the 2024-2025 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 2025 in the North Platte and Colorado River Basins.

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

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

This project focused 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 was 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 was 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 draft results presentation for this project was given to the WWDC and Legislative Select Water Committee at their joint workshop held November 7, 2023 in Casper and is available online. The study has since been completed with the following summary of results:

The study, conducted by the National Center for Atmospheric Research (NCAR), used a suite of advanced modeling tools along with flight-level cloud measurements and ground-based weather data collected during operations, in providing an estimate of the additional streamflow in acre feet and associated cost effectiveness calculations. The study looked at four seasons of WWDO's aerial operational cloud seeding, with the 2019-2020 winter season selected for a more intensive analysis. Although results focused on only one year (and does not account for season-to-season atmospheric variability), it provides an updated quantitative look at enhanced precipitation and streamflow from aerial cloud seeding in the target areas. For the North Platte and Little Snake River basins combined, the simulated seeding effect on precipitation for the 2019-2020 season ranged from a maximum of 14,030-acre feet (AF) to a minimum of 6,058 AF, with a mean value of 9,478 AF. In terms of streamflow, seeding simulations showed the largest impact on the Upper North Platte and Upper Laramie River basins, with an estimated mean increase in streamflow of 2828 AF, and 2356 AF, respectively. Large increases in streamflow in those basins are consistent with seeding that targeted the Sierra Madre and Medicine Bow areas. Seeding simulations yielded a lesser impact on the Medicine Bow, North Platte Headwaters, and Little Snake River basins, with ensemble

mean increases ranging from 348 AF to 892 AF.

The effects of simulated seeding on the water budget can be summarized by the ensemble mean seeding change in evapotranspiration, streamflow, and soil moisture divided by the precipitation change. For the water year 2020, the results show that for the total increase in ensemble mean precipitation, 78% goes to an increase in streamflow, 21% goes to an increase in soil moisture, and 8% goes to an increase in evapotranspiration. Note that these percentages do not add up to 100%, due to rounding and not accounting for the minor portion going to recharge groundwater storage in the model. Overall, the water budget analysis shows that increases in precipitation due to seeding largely increase streamflow, with secondary increases in soil moisture, and a slight increase in evapotranspiration.

Using the total operational costs provided by the WWDO and its funding partners for the 2019-2020 aerial cloud seeding program, a cost-benefit analysis was conducted. Based on the range of the WRF-WxMod ensemble model output, costs for producing precipitation by cloud seeding range from $40.52 - $93.85/AF, with the ensemble mean at $59.99/AF. For the WRF-Hydro ensemble model output, costs for producing streamflow by cloud seeding range from $56.15 - $124.22/AF, with the ensemble mean at $81.87/AF.

25. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	I	$ 240,000	2015
Level III	23	2015	I	$ 170,000	2017
Level III	55	2016	I	$ 160,000	2018
Level III	75	2017	I	$ 155,000	2019
Level III	121	2018	I	$ 106,000	2020
Level III	55	2019	I	$ 175,000	2021
Level III	113	2020	I	$ 200,000	2022
Level III	12	2021	I	$ 215,000	2023
Level III	93	2022	I	$ 316,000	2024
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, began on November 7, 2023 and concluded on April 10, 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”. Last winter’s effort targeting the Wind River Mountain Range and west slope of the Sierra Madre Mountain Range included 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 in the Wind River and west slope of the Sierra Madre Mountain Ranges for the winter of 2023-2024 represented 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 2023-2024 cloud seeding season, the operations contractor prepared operational forecasts, released soundings, maintained the equipment, and conducted the seeding operations through twelve, leased ground-based generators. There was a total of twenty-four (24) seeding events over the Wind River Mountains and fifteen (15) seeding events over the west slope of the Sierra Madre Mountains, with a total of 377.17 gallons of seeding solution dispensed from all twelve generators combined. It should be noted that the project's single Wind River Range east-slope generator ("Enterprise") ran for only two of the total seeding events.

26. PROJECT: Cloud Seeding: Wind River and Sierra Madre Mountain Ranges 2025 (Ground-Based)

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	100	2014	I	$ 240,000	2015
Level III	23	2015	I	$ 170,000	2017
Level III	55	2016	I	$ 160,000	2018
Level III	75	2017	I	$ 155,000	2019
Level III	121	2018	I	$ 106,000	2020
Level III	55	2019	I	$ 175,000	2021
Level III	113	2020	I	$ 200,000	2022
Level III	12	2021	I	$ 215,000	2023
Level III	93	2022	I	$ 316,000	2024
Level III	180	2023	I	$ 301,000	2025
Level III	99	2024	I	$ 298,651	2026

*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 2024-2025, are scheduled to begin on November 8, 2024 and will conclude on April 15, 2025. Wyoming's 37% share of the funds necessary to run the program were appropriated by the 2024 Wyoming State Legislature through the passage of the "2024 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: the Wyoming Mining Association, Rocky Mountain Power Company, and the Green River/Rock Springs/Sweetwater County Joint Powers Water Board.

Cloud seeding operations for the winter of 2024-2025 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 2024-2025 cloud seeding season, the operations contractor will prepare operational forecasts, release soundings, maintain the equipment, conduct the seeding operations through thirteen, leased ground-based generators, and prepare monthly summaries and a final report. Such operations are expected to increase runoff during Water Year 2025 in the Green, Wind/Big Horn and Little Snake River Basins.

27. **PROJECT:** **Cody Areas Evaluation 2024**
LEVEL: II
SPONSOR: City of Cody
LOCATION: Park County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	8	1995	I	$ 75,000	1998
Level III	59	1996	I	$ 785,000	2001
Level III	45	1997	II	$ 850,000	2002
Level I	33	2008	I	$ 100,000	2011
Level III	14	2012	I	$ 408,700	2017
Level III	75	2017	I	$ 2,412,000	2022
Level I	150	2020	I	$ 205,000	2023
Level II	98	2024	I	$ 139,000	2027

PROJECT INFORMATION:
A WWDC Master Plan was completed in 2021 for the City of Cody. In that study, seven areas were identified where water service could be expanded in the future. The study will evaluate three of the seven areas for potential expansion. The City of Cody staff believe the three areas in question present the greatest level of opportunity to expand the City's treated water system and provide expansion to their water service area. The study will evaluate the necessary infrastructure to accommodate the future service areas. This could include but not be limited to pumping, transmission, and storage.

In 2024 the consultants held discussions to inform affected parties and notify the County of the study's upcoming work, and an analysis of general infrastructure needs and population projections was performed. This study will be ongoing in 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	75	2005	II	$ 250,000	2006

Level III	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 expanded 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 were evaluating 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.

During 2024, work continued on system automation, current operations and system efficiency, lateral rehabilitation, conceptual designs and cost estimates, and economic analysis and project financing. The rehabilitation study and associated recommendations were presented at a public hearing on August 12, 2024. The final report has been prepared and a closeout memorandum will be presented during the first quarter of 2025.

The following items were conclusions from the study:

- Sediment Contributions to the Shoshone River tributaries below Buffalo Bull Dam could be reduced
- Structures in the portion of the Cody Canal that discharge spill water upstream of Buffalo Bill Dam should be modified to encourage sediment deposition and sluicing
- The canal structures could be automated to significantly reduce spill flows
- Sediment could be removed at the Bureau Spill location, permitting can be achieved
- Significant improvements to the level of service provided to water users on the Holm and Lower Sage Laterals could be achieved through piping
- The use of Sage Creek for spill flow and conveyance could be nearly eliminated
- Continue discussions with interested parties about constructing a sediment trap as the Bureau Spill location

The following items were recommended for the Cody Canal Irrigation District:

- Begin implementing the structure replacement plan starting with the canal diversion and working downstream
- Include the capability of remote operation and flow measurement for the structures identified
- Continue to investigate automation options once the SCADA and remote operations at each replacement structure is in place
- Continue with conversion of open laterals to pipelines

- After the upper structures are compete, begin with the pipeline construction for the Shultz/Lower Sage Laterals

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	II	$ 165,000	2018
Level III	121	2018	II	$ 834,000	2023*
Level III	113	2020	II	$ 1,540,000	2025*
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 breaks due to corrosion 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 2024. Schedule A was awarded in the winter of 2023, and construction is anticipated to be completed in the spring of 2025.

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

EXISTING AND PRIOR LEGISLATION:

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

*67% grant, 33% loan

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

This project will replace 3,600 linear feet of existing steel pipelines on Lateral L-7 upstream from the PRV to its junction with Lateral L-22 with PVC pipe. This will complete the replacement of the steel mainlines from the upstream source to the PRV. CID relies on this segment of pipeline to provide service to the rest of the district. Observations of the poor condition of the pipe in 2018 and 2019 moved the priority up from what was indicated in the Level I study. Replacement will eliminate water loss due the pipeline breaks, and improve overall irrigation efficiency. Construction started in the fall of 2023, and continues into 2024. The contractor is anticipated to finish the work on the PRV in October 2024 to complete the project.

31. PROJECT: Critical Aging Irrigation Infrastructure Assessment

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

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

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

The statewide meetings 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 was turned in and went 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.

In 2024 the report and GIS products went through a thorough comment and review process. The final report, executive summary, and GIS have been completed and approved by the Office. Additional work

is being negotiated for the Consultant to compile data from the projects that were unavailable during the study because they were ongoing and had no results. Those data will be included in the database effectively creating a database that encompasses all existing Level I and II studies through the end of 2024. This project is scheduled for completion in 2025.

32. PROJECT: Crystal Bypass Pipeline 2022

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

EXISTING AND PRIOR LEGISLATION:
*No Prior Special Legislation ARPA

PROJECT INFORMATION:
The Cheyenne Board of Public Utilities (BOPU) requested, and received, funding to design and construct a new 20-inch, 10,471-ft raw water transmission pipeline to bypass around Crystal Reservoir. The Pipeline was to convey stage I/II water from existing pipelines around the reservoir to the Sherard Water Treatment Plant. The proposed pipeline was to allow a path for source water to reach the WTP without passing through the Crystal Reservoir in the event of water contamination from upstream pollutants (e.g., forest fire, contaminant spill, algae blooms, etc.).

In 2022 the Legislature appropriated $2,546,000 for Level III design and construction. The project was withdrawn by BOPU during the winter of 2023/24 when updated cost estimates well exceeded the project budget and alternatives could not bring the Project back within budget. The Sponsor determined that the benefits of the Project no longer substantiated the cost of the project.

33. PROJECT: Dayton Water Master Plan

LEVEL: I
SPONSOR: Town of Dayton
LOCATION: Sheridan County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:
The Town of Dayton's last water master plan was completed in 2000, and an update was 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.

The following findings and recommendations were identified for the Town of Dayton during the Level I study:

- Acidizing of Dayton No. 1 Well to improve existing well's yield ($149,420).

- Replacement of infiltration gallery and raw water intake to improve delivery of water to the water treatment plant and address intake problems associated with raw water irrigation system ($383,330).
- Replacement of filtration system (including four filters within the steel tank enclosure) ($1,967,600).
- Replace the outdated SCADA system ($375,380).
- Improve fire flows by replacing 4" cast iron pipe ($121,080).
- Address asbestos concerns by replacing 10" asbestos cement pipe within water system ($397,200).
- Provide additional distribution storage to address pressure zone concerns, consisting of the construction of an aboveground bolted steel water tank proposed for a pressure zone that would have an appropriate overflow elevation of 4,150 feet, and serve future lots that are at a higher elevation ($1,585,740).
- 8" transmission main that would connect Black Mountain Drive to the Town's existing 240,000-gallon water storage tank, in order to eliminate bottleneck in delivery of water from the water treatment plant to the existing water tank ($253,510).
- Altitude bypass valve at the 240,000-gallon exiting water tank to allow for continued delivery of water to the storage tank when altitude valve is out of service ($36,990).
- Raw Water System: Relocation of 10" raw water transmission main to move it from beneath the existing dam and reservoir ($499,720).

The draft results presentation for this project was given at a public meeting in Dayton, WY on July 18, 2023. Following receipt of the final deliverables, the project was closed out at the January 10, 2024 WWDC meeting in Cheyenne.

34. **PROJECT:** **Dayton Water System Rehabilitation 2024**
LEVEL: III
SPONSOR: Town of Dayton
LOCATION: Sheridan County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	84	2022	I	$ 167,000	2025
Level III	99	2024	II	$ 200,000	2029*

* 50% Grant

PROJECT INFORMATION:
The Town of Dayton's infiltration gallery collects water off the Tongue River and diverts it to the water treatment plant and to the raw water system on a 34% WTP 66% raw water basis. The existing infiltration gallery has reached the end of its useful life and needs to be replaced using modern methods that will reduce the impacts of river turbidity on the system and allow for better, more efficient infiltration collection from the river. The infiltration gallery is the Town's primary domestic water source and is critical considering their well's current reduced capacity and its inability to supply the Town's peak demand. If the infiltration gallery's 24" galvanized CMP pipe located adjacent to the river were to collapse then the Town would not be able to meet peak domestic or raw water demands. Along with the replacement of the infiltration gallery improvements to the City's wet well and pumping station are needed to keep the system functional and meet the Town's future demands for domestic and raw water.

35. PROJECT: Deaver ID Laterals 2024

LEVEL: III
SPONSOR: Deaver Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	168	2015	II	$ 162,000	2018
Level III	99	2024	II	$ 172,000	2029

PROJECT INFORMATION:
This materials-only project will replace 2 lateral portions that are failing or severely leaking. The first is the D44-10 lateral. This lateral serves 46 acres. The D44-10 lateral is a combination of concrete ditch and a span of pipe that crosses a drainageway. The ditch has partially washed out and the pipe is corroded and leaking. The entire lateral will be replaced with buried pipe. The second portion of the Project will be replacement of the Lateral D56 chute. This lateral directly serves 103 acres and contributes to the service of 3,179 acres. The chute currently consists of an exposed steel pipe to carry water through a steep grade. The pipe is corroded. The pipe and its concrete supports are failing. The entire chute will be replaced with a buried pipe chute.

As of October, 2024, the design of this project was complete with construction expected in winter 2024/2025.

36. PROJECT: Deaver ID Rehabilitation 2022

LEVEL: III
SPONSOR: Deaver Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 funding the design and 70% of the construction of the project with the WWDC grant covering 30% of the construction costs. As of October of 2024, design of the system is approximately 90% complete and construction of the work is expected in late fall/winter/early spring 2025-2026.

37. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 was constructed during winter 2023-2024. This project is completed and closed out in November of 2024.

38. PROJECT: Douglas Test Well Study

LEVEL: II
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	I	$ 200,000	2012
Level III	63/55	2011/16	I	$ 9,447,000	2019
Level II	65/186	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. Significant difficulty was encountered during the winter of 2023/2024 and the contractor was not able to advance the borehole to total depth. Ultimately, the contractor's drilling string became stuck in the borehole, and the borehole was abandoned. Contract negotiations occurred during the summer and fall of 2024 and this project is expected to continue into 2025.

39. PROJECT: Douglas Water Master Plan

LEVEL: I
SPONSOR: City of Douglas
LOCATION: Converse County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	46	1997	I	$ 100,000	1998
Level III	16	1999	I	$ 1,995,000	2002
Level II	81	1999	II	$ 60,000	2000
Level I	66	2009	I	$ 200,000	2010
Level III	63/55	2011/16	I	$ 9,447,000	2019
Level II	65	2017/23	I	$ 1,655,000	2020/26
Level I	98	2024	I	$ 286,000	2027

PROJECT INFORMATION:
Douglas receives water from three sources to meet its potable water demands, including two groundwater sources (Sheep Mountain Well and Little Box Elder Spring) and one surface water source (North Platte River), with four water storage tanks (total capacity of 6,000,000 gallons). Groundwater supplies are from the Casper Sandstone and Madison Limestone formations. The most recent Water Master Plan was completed in 2010.

This study will provide an inventory and evaluation of the entire water system. The study will also convey 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 2024, work commenced to gather system information and data. GIS mapping has been performed and work has commenced on the hydraulic model. Water loss and leak assessments have occurred denoting additional testing. Population projections are being incorporated into the hydraulic model. Work will continue on the Water Master Plan into 2025.

40. PROJECT: Dry Creek ID Phase V 2024

LEVEL: III
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	168	2015	II	$ 150,000	2018
Level III	75	2017	II	$ 670,000	2022*
Level III	55	2019	II	$ 1,628,000	2024*
Level III	113	2020	II	$ 1,340,000	2025*
Level III	93	2022	II	$ 1,850,000	2027*
Level III	99	2024	II	$ 777,000	2029**

*67% grant, 33% loan
**50% grant

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 9,450 linear feet of LS-1 steel pipe and 2,000 linear feet of LN-3 steel pipe following the plan for pipe replacement as recommended in the 2016 Dry Creek ID Infrastructure Master Plan. The overall project is in its fifth phase of Level III construction. Currently, this phase is in design. Design completion is anticipated in February 2025 with construction in fall of 2025.

41. PROJECT: Dry Creek Irrigation District Pipeline Replacement 2022

LEVEL: III
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

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

*67% grant, 33% loan

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

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

This project is to replace 2,300 linear feet of pipe associated with L-0 and 5,100 linear feet of L-0A segments of the pipeline as outlined in the 2016 Level II DCID Infrastructure Master Plan. The overall project is in its fourth phase of Level III construction. The Construction contract was awarded in the fall of 2023. Construction started in the winter of 2023 and was completed, except for pressure testing, in the spring of 2024. Pressure testing is anticipated to be completed in October 2024.

42. PROJECT: Eden Valley Irrigation District Farson Lateral 2020

LEVEL: III
SPONSOR: Eden Valley Irrigation District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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.

Construction began in early fall of 2022 and continued through 2023. The project wrapped up in December of 2023, and fully closed out at the beginning of 2024. The project was successfully constructed and completed within budget.

43. PROJECT: Eden Valley Irrigation District System Improvements 2019

LEVEL: III
SPONSOR: Eden Valley Irrigation District
LOCATION: Sweetwater County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	141	2013	II	$ 233,500	2018*
Level III	55	2019	II	$ 351,000	2024**
Level III	99	2024	II	$ 0	2026***

*50% Grant
**54% Grant
*** Time extension only

PROJECT INFORMATION:
The Eden Valley Irrigation and Drainage District (EVIDD) serves approximately 16,895 agricultural acres in Sweetwater County, Wyoming near the towns of Eden and Farson. EVIDD receives water from the Big Sandy and Little Sandy Rivers and has storage in the Big Sandy and Eden Reservoirs. EVIDD

typically provides 42,000 acre-feet of water through open canals and pipelines to the local crop and livestock producers in the area.

The 2019 Level III project include lining 1,100' of the Eden Canal with PVC liner protected with 5 inches of fiber reinforced shotcrete. The existing sand trap was also reconstructed. The reconstruction included 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 was completed and the project was bid. However, the bids received were well above the estimate and the bids were rejected with plans to rebid in 2022 when the bidding environment was hoped to be better. The District requested a modification to the project to remove the canal lining, and to complete the sand trap portion of the project which was the majority of the water savings to meet co-funding requirements. The project was not rebid due to issues with the co-funding agency and 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 co-funding has since been secured with some additional funds. The district submitted an amendment request for the 2025 legislative session for some additional funds and to reduce. The project is expected to commence in the spring before irrigation season begins.

44. **PROJECT:** **Elk Canal Master Plan**
LEVEL: I
SPONSOR: Elk Water Users' Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	98	2024	II	$ 265,000	2027

PROJECT INFORMATION:
The Elk Water Users' Irrigation District requested a reconnaissance study to determine the current condition and future needs for agricultural water delivery. The Elk Canal originates at a diversion on the Shoshone River and is shared between the Elk Water Users' Irrigation Districts and Lovell Irrigation District. The Elk Canal services approximately 3800 acres of Elk Water Users' Irrigation District lands. 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 Elk Water Users' Irrigation District became an irrigation district on December 21, 2023.

The Elk Canal transports more water than is used by the Elk Water Users' Irrigation District. The upper 12 miles is utilized by the Elk Water Users' Irrigation District while the lower 26 miles is utilized by the Lovell Irrigation District. About a quarter of the water that runs through Elk Canal is used by the Elk Canal Users' Irrigation District and the rest of the water is supplied to the Lovell Irrigation District.

Work in this fiscal year has included project scoping, GIS mapping, water loss studies, review of water rights, and assessment of infrastructure condition. During the assessment of infrastructure condition, a section of river bank showed accelerated signs of erosion and a geotechnical engineer has been procured to inspect this section. This project is ongoing and a final report is anticipated in 2025.

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

EXISTING AND PRIOR LEGISLATION:

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

*67% grant / 33% loan

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

This project is to convert 4,600 feet of open ditch within the Sawmill reach of the Enterprise Ditch to pipeline. The Enterprise Conservation Program Level II study 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 for returning to lining the ditch, after determining that piping the ditch was not feasible because of access and cost limitations.

46. PROJECT: Enterprise WID Calvert Lateral Rehabilitation 2023

LEVEL: III
SPONSOR: Enterprise Watershed Improvement District
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 2025 for construction in the fall of 2025.

47. PROJECT: Ethete Water Supply

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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
**Time extension only
*** 67% grant
† 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 was completed in July 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. The well control building, piping etc. is ready to bid and will be complete in 2025.

48. **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 procured all of the necessary easements and is working to finish the design and bid the project in the spring of 2025, with intent to have the project completed by fall of 2025.

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

EXISTING AND PRIOR LEGISLATION:

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

*Time Extension of 2018 Appropriation

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

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

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

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

A Level II Feasibility Study, which was approved by the Legislature during the 2016 Budget Session, analyzed the feasibility of making 80,796 acre-feet of currently inactive capacity usable. The State of Wyoming is also currently considering options for leasing the remainder of the active capacity 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 Study 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 with Reclamation on development of contracts for all available 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.

50. PROJECT: Fontenelle Reservoir Storage

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

EXISTING AND PRIOR LEGISLATION:

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

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

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

Since the completion of the risk analysis, the Water Development and State Engineer's Office have been in discussions with Reclamation about acquiring additional available 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.

51. PROJECT: Gillette Madison Pipeline

LEVEL: III
SPONSOR: City of Gillette
LOCATION: Campbell County
PROGRAM: Special Legislation

EXISTING AND PRIOR LEGISLATION:

Session	Chapter	Grant (67%) Appropriation	Account	Loan (33%) Appropriation	Account	Total
2009	103	$ 11,222,500	Budget Reserve	$ 5,527,500	Permanent Mineral Trust	$ 16,750,000
2010	115	$ 16,415,000	WDA III	$ 8,085,000	Permanent Mineral Trust	$ 24,500,000
2011	61	$ 6,960,430	General Fund			
	61	$ 25,402,070	AML	$ 15,939,739	Permanent Mineral Trust	$ 48,302,239
2012	26	$ 6,975,000	General Fund			
	27	$ 23,025,000	AML	$ 14,776,119	Permanent Mineral Trust	$ 44,776,119
2013	156	$ 30,000,000	AML	$ 0*		$ 30,000,000
2014	26	$ 13,385,995	SIPA	$ 0*		
	26	$ 12,406,005	AML	$ 0*		$ 25,792,000
2015	142	$ 0		$ 0		$ 0**
TOTAL		$145,792,000		$ 44,328,358		$ 190,120,358

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

PROJECT INFORMATION:
This project will provide water regionally to the City of Gillette and approximately forty-three districts in Campbell County through the addition of water supplied from five Madison wells located north of Moorcroft, WY. The major components of the Gillette Madison Water Supply include 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 can now? 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 thru the summer of 2026. 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 system was awarded in the winter of 2023, and construction began in the winter of 2023. It is anticipated that the final completion of the Project will be in the summer of 2026.

52. PROJECT: Gillette Regional Extensions 2017

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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 so 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 construction contract for the project was awarded in the spring of 2024, and it is anticipated that the project will be completed in the spring of 2025.

53. PROJECT: Gillette Regional Extensions Phase IV - 2018

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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 so 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. Land access acquisition has delayed the Fox Ridge portion of the project, and in the spring of 2023, the project was extended until July 1, 2025. The construction contract for the Fox Ridge part of the project was executed in the summer of 2024, and construction is anticipated to be completed in the summer of 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 construction contract for the project was awarded in the fall of 2024, and the project is anticipated to be completed by December 31, 2026, when the ARPA funds expire.

56. PROJECT: Glendo Water Master Plan

LEVEL: I
SPONSOR: Town of Glendo
LOCATION: Platte County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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:
instream 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 2024, work included exploratory potholing, hydraulic modeling, and refinements to the final report. This project is expected to conclude during 2025

57. PROJECT: Glenrock Transmission Pipeline 2020

LEVEL: III
SPONSOR: Town of Glenrock
LOCATION: Converse County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	66	2009	I	$ 150,000	2010
Level III	100	2014	I	$ 381,900	2019*
Level III	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 commenced to the construction phase. Construction began in late summer of 2023. The project is expected to be completed by the end of calendar year 2024.

58. PROJECT: Goshen ID Master Plan

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	II	$ 225,000	2008
Level III	38	2009	II	$ 1,200,000	2014*
Level III	63	2011	II	$ 1,100,000	2016*
Level III	141	2013	II	$ 1,400,000	2018*
Level III	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 (421 landowners) with a conveyance system from the Whalen Diversion Dam above Fort Laramie to the Nebraska Stateline. The GID direct flow diversion right is 1,500 CFS from the North Platte River. The Fort Laramie Canal is over 100 years old and suffered a catastrophic failure with the collapse of Tunnel No. 2 in 2019.

The District requested WWDC funding for a 2023 Level I study to perform condition assessments on major infrastructure throughout the GID system. The GID master plan, Level I study commenced in April, 2023. The study conducted a complete inventory and assessment on all major infrastructure within the District, with an analysis of the ability to pay, an update to the GIS, and recommended operational changes. A schedule for improvements with cost estimates was developed. The Level I master plan conducted a detailed analysis of the entire GID system.

The draft report was completed in June, 2024 and presented at a public meeting on August 6, 2024. The final report has now been completed and the closeout memorandum will be presented to the WWDC at the December 2024 meeting. The following seven (7) projects were of the highest priority as recommended in the 2024 GID Level I study with designs/cost estimates:

1. Whalen Diversion Dam to 0.3 Mile Wasteway (replacement/improvement) (future WWDC Level II study).
2. 67.1 Mile Check and Spillway Structure (replacement) ($1,911,365 estimate).
3. 62.2 Mile Check Structure (replacement) ($1,280,735 estimate).
4. 3.3 Mile Wasteway Structure and 13.5 Mile Wasteway Structure (replacement) ($2,011,516 each estimate).
5. Horse Creek Siphon (replace the three (3) siphon structures crossing under Horse Creek, Laramie River, & Deer Creek) ($7,596,210 estimate).
6. 15' Parshall Flume Measuring Station downstream of Whalen Diversion Dam (improvement) ($868,758 estimate).
7. Construction of Lining (along canal and laterals in high priority segments) (Main Canal (7.5 to 13.5) $25,429,063; Main Canal (27.0 to 31.2) $16,536,796; Main Canal (36.4 to 39.9) $13,780,244; Springer Main (3.0 to 6.7) $8,037,733; Cherry Creek (0.0 to 3.2) $6,031,455; Cheery Creek (6.0 to 10.4) $7,534,275; Table Mountain (1.9 to 3.1) $1,763,315).

59. PROJECT: Goshen ID Tunnel Rehabilitation 2022

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	93	2022	II	$ 2,350,000	2027*
Level III	180	2023	II	$ 0	2027**
Level III	99	2024	General	$ 21,810,000	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
*** up to 100% Grant, 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 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 was $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 completed 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 2024 Legislation authorized the project as a Water Development Project to allow the use of $21,810,000 appropriated in 2022 and amended in 2023, for use in completing the Project. The project is currently under design.

60. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 focused on identifying the bottlenecks within the delivery system and recommended 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 was located within the City of Rock Springs, and included 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. The WWDO took receipt of the draft report for the project in April of 2024. A public hearing is being scheduled with project closeout expected during the first quarter of 2025.

61. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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*
Level III	180	2023	I	$ 0	2026**

*67% Grant
** Time extension only

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 2010 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 became the "weak-link" in the transmission system. Additionally, the existing pump station could not 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. Negotiations are taking place to secure the needed easements.

62. PROJECT: GR-RS-SC JPWB Regional Water Master Plan

LEVEL: I
SPONSOR: GR-RS-SC JPWB
LOCATION: Sweetwater County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	75	2005	I	$ 225,000	2008
Level I	85	2007	I	$ 220,000	2010
Level II	66	2009	I	$ 350,000	2012
Level III	63	2011	I	$ 900,000	2016
Level III	14	2012	I	$ 8,282,000	2017
Level II	168	2015	I	$ 125,000	2018
Level II	65	2017	I	$ 180,000	2020
Level II	94	2018	I	$ 180,000	2021
Level II	186	2023	I	$ 228,000	2026
Level I	98	2024	I	$ 432,000	2027

PROJECT INFORMATION:

The Green River-Rock Springs-Sweetwater County Joint Powers Water Board (GR-RS-SC JPWB) regional water system is comprised of a 32 MGD surface Water Treatment Plant (WTP) in Green River serving the distribution systems in the City of Green River, City of Rock Springs, four (4) outlying districts, and one (1) industrial customer. This regional water system serves approximately 40,000 people in Sweetwater County. The Board is a political subdivision with members appointed by the cities and county. The JPWB owns the systems in the two cities. Each city maintains and operates their respective distribution systems.

A previous WWDC Level I water master plan was completed in 2007-2009 (2 phases). This previous plan has been invaluable to the JPWB and the two cities. The project recommendations for the 2007-2009 plan have been completed and an updated study is needed to project the needs of the future. The hydraulic model of the system is the core tool used. The model needs to be updated and the calibration verified. The JPWB utilizes hydraulic modeling software to perform system analysis and future planning. The mapping of each distribution system is the responsibility of each respective city or district. The mapping is maintained in various formats utilizing GIS, AutoCAD, as-builts, and paper system maps.

The JPWB requested funding for a new Level I regional water master plan to assess the current and future needs of the water system. They are very interested in a full evaluation of previous studies including the master plan (Phase I and II), all Level II reports, Sweetwater County planning for the South Baxter Basin, water rights and water resource studies, transient analysis (verify), and the finished water backup generator. The JPWB wants to include planning for growth in the GR-south side/Jamestown/I-80 and in the RS-Summit Pump Station/South Baxter/Eastside Zone. Also, the Board would like comprehensive planning for water conservation (including quantification of reductions in consumptive water use), existing and future system capacity, component life cycle analysis, and an evaluation of future regulatory demands. This JPWB regional water system is large and complex and the updated plan would serve as a framework to establish project priorities and to perform the appropriate financial planning necessary to meet those priorities. It will also provide reconnaissance-level information regarding costs and scheduling.

The study was initiated in April, 2024 and the scoping meeting was held on June 11, 2024. The study is scheduled for completion in August, 2025.

63. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 the project began in early 2024.

In 2024 scoping meetings were held in Pinedale and Baggs on April 18th and 19th respectively to engage the public and potential stakeholders. The meetings provided information useful to the study such as the need to investigate ditches larger than the proposed 2-3 cfs, and helped start the process of identifying landowners to approach for installation of flumes on ditches. Multiple sites were selected for receiving flow measuring flumes. The process of installating flumes began in late October. A number of flumes are expected to be installed in the spring of 2025 per the landowner's request. This project will be ongoing in 2025.

64. PROJECT: Greybull Water System Improvements

LEVEL: II
SPONSOR: Town of Greybull
LOCATION: Big Horn County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	96	2000	I	$ 1,850,000	2005
Level II	7	2002	I	$ 50,000	2005
Level III	69	2003	II	$ 240,000	2008
Level II	34	2004	II	$ 475,000	2007
Level III	75	2008	I	$ 1,470,000	2013
Level I	74	2014	I	$ 200,000	2017
Level III	55	2016	I	$ 824,100	2021
Level II	98	2024	I	$ 160,000	2027

PROJECT INFORMATION:
Greybull is located on the banks of the Bighorn River, within Big Horn County. The "Shell Wells" are located near Shell. Shell is about 15-miles east of Greybull, along Shell Creek, at the base of the Bighorn Mountains. The project is located within the Bighorn Basin, an intermontane basin in north-central Wyoming. The Shell Wells primarily source water from the Madison Limestone, with contributions from the Bighorn Dolomite.

The Town of Greybull requested funding to complete system improvements on their water system. The system is predominantly supplied from three groundwater wells, with approximately 20 miles of transmission line conveying water to a one-million-gallon storage tank. The transmission line is constructed of asbestos-cement pipe and was installed in the 1970s. The tank was built in the 1960s. The Town would like to evaluate options to ensure long-term reliability and operation of the source and transmission system.

During 2024, the consultant began an evaluation of the existing transmission pipeline including flow testing and pressure measurements. The consultant also performed a reconnaissance level assessment of soil conditions to help evaluate future pipeline alignments and help inform pipeline construction techniques. Finally, the consultant developed a well-testing program to evaluate the potential for groundwater production and to help appropriately size the transmission pipeline.

During 2025, this project will proceed with developing priorities, obtaining construction costs, and developing recommendations for funding and improving transmission and storage components.

65. PROJECT: Groundwater Studies

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

EXISTING AND PRIOR LEGISLATION:

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

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

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

CURRENT SPONSOR & ACTIVE/OBLIGATED FUNDS:
Happy Valley Water Improvement and Service District: $298,500

66. PROJECT: Guernsey Transmission Pipeline 2020

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

EXISTING AND PRIOR LEGISLATION:

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

*67% Grant

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

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

The project has been awarded and is now under construction. Construction is expected to be complete by the fall of 2024.

67. PROJECT: GVID Upper Sunshine Outlet Works Rehab

LEVEL: II
SPONSOR: Greybull Valley Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	57	2012	I	$ 85,000	2015
Level II	186	2023	II	$ 621,000	2026

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.

68. PROJECT: Hanover ID Bighorn River Flume Replacement 2024

LEVEL: III
SPONSOR: Hanover ID
LOCATION: Washakie County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	II	$ 175,000	2018
Level I	65	2017	II	$ 120,000	2019
Level II	94	2018	II	$ 65,000	2020
Level III	99	2024	II	$ 1,500,000	2029

PROJECT INFORMATION:
The current 100-year-old flume/bridge that carries irrigation water over the Bighorn River is aging and would result in a disaster to Worland farmers if it failed. Failure would result in most, to all of the valley losing irrigation water and directly prevent 20,461 acres for the Hanover and Highland districts downstream of the flume from receiving irrigation water. The flume carries water from the west side of the Bighorn River to east side of the river suppling irrigation additional districts besides the Hanover ID. The Project will replace the existing flume by building a steel pipe flume down river of the existing flume and replacing the existing failed wooden decking on the existing structure to maintain access during and after construction. This was the recommended method in the Level II study as the most reasonable and economic manner to address the rehabilitation of the failing flume. In addition to the new flume a new check structure will be built just up-stream of the flume for improved control and a section of the existing ditch will be realigned to connect to the new flume.

69. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	150	2020	I	$ 59,000	2023
Level III	180	2023	I	$ 3,145,650	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 HWVISD and Osmond and construct a new water storage tank to promote a regional water system.

Design for the water transmission line is complete. Design for the storage tank to follow separately due to ARPA funding time restraints. Currently, the transmission line is being bid with projected award by mid-October 2024. Construction is anticipated to start the end of October 2024. Design and bidding of the tank is anticipated to be completed by early December 2024. Construction of transmission line and tank is anticipated to be completed by end of November 2025.

70. PROJECT: Heart Mountain ID Lateral R4S 2023

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2013	II	$ 175,000	2016
Level III	180	2023	II	$ 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 2024. As of October 2024, the design is at the 50% stage.

71. PROJECT: Highland Hanover ID System Improvements 2022

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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.

The Highland Hanover Irrigation District (HHID) operates 24.5 miles of canal servicing approximately 6,992 acres. This project focuses on Pump Station #2, which is the largest of the five (5) pump stations operated by the District. Pump Station #2 was constructed from 1955 to 1956; with HHID assuming full responsibility of operation and maintenance beginning on January 1, 1958.

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. During the Level II evaluation of the Canal 2 pumps, it was determined that replacing the pumps at Pump Station #2 would be required. 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.

This project is to replace the pumps at Pump Station #2, as well as operational upgrades including variable-frequency-drives (VFDs), programmable-logic-controllers (PLCs), flow meters to adjust capacity and optimize the functionality of the system, and other associated improvements to the irrigation system for the District. The design and bidding of the project have been completed. Award of the construction contract is currently being executed. Construction is anticipated to start in the fall of 2024.

72. PROJECT: Horse Creek Conservation District Master Plan

LEVEL: I
SPONSOR: Horse Creek Conservation District
LOCATION: Goshen County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	82	1998	II	$ 30,000	2000
Level III	38/16	1998/99	III	$ 246,600	2002
Level I	98	2024	II	$ 248,000	2027

PROJECT INFORMATION:
The Horse Creek Conservation District (HCCD) formed in 1927 and currently serves 84 individual landowners in and around the Town of Hawk Springs in Goshen County, Wyoming. Each year, HCCD collects surface water from the Horse Creek Watershed in the North Platte River Basin and stores it in Hawk Springs and Sinnard Reservoirs that have a combined storage capacity of 18,094 acre-feet. Approximately 9,500 acre-feet of water is delivered to 10,544 acres of irrigable land in HCCD via canals, ditches, pipelines, siphons, culverts, and over 100 turnout structures.

The HCCD requested funding for a reconnaissance-level study that includes condition assessments on major infrastructure and an evaluation of system operations. The outcome will be a master plan with recommendations for operational changes, a roadmap for system rehabilitation, and a list of potential funding sources for construction projects. The Malcomb Pipeline was installed in 2001 with funding from Water Development Account (WDA) II (see recommendations from *Horse Creek Conservation District Improvements Project Level II*, PMPC, 1998). Despite repairs over the past couple decades, the pipeline continues to deteriorate. If it fails, a portion of the system will be inoperable. Since HCCD identified this pipeline as a high priority at the time of application, this study will include conceptual design alternatives for pipeline repair and replacement. More recently, the check structure at the Wycross Ditch was identified as another infrastructure concern to be included in the system inventory. The Wycross Ditch is essential for diverting water from Bear Creek to fill the Hawk Springs Reservoir.

On April 4, 2024, the Wyoming Water Development Commission and AVI PC entered into a contract for the study with a budget of $247,160 from WDA II. The Wyoming Water Development Office project manager issued a notice to proceed on April 22, 2024. The study kickoff was held during a HCCD board meeting on April 24, 2024. To date, a seepage analysis and dry inventory have been conducted. The project is currently on schedule to complete the scope of services and meet project requirements and will be ongoing during 2025.

73. PROJECT: Hot Springs County Supply Evaluation

LEVEL: II
SPONSOR: Hot Springs County Rural Water Joint Powers Board
LOCATION: Hot Springs County

PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	98	2024	I	$ 365,000	2027

PROJECT INFORMATION:

Hot Springs County Rural Water JPB encompasses the Town of Thermopolis and surrounding water districts. Multiple efforts over time have attempted to identify regional water-supply sources for the Hot Springs area. These efforts have not yet identified a solution for the region. The Sponsor initially applied for a Level II project to drill at a test-well location identified during previous WWDC Planning Studies. During the May 2023 WWDC/SWC Joint meeting, the Commission amended this project to include a comprehensive supply evaluation, including a review of the existing Thermopolis Water Treatment Plant. The Sponsor currently has approximately 1,520 taps in their system.

This project consists of evaluating existing and potential water sources for member entities. This study will evaluate the Thermopolis Water Treatment Plant and will determine necessary repairs, enhancements, upgrades and/or potential replacement costs associated with long-term and ongoing operation of the Plant. In addition, the project contains a well-siting study (to include review of previous information and studies) which will generate preliminary cost estimates associated with the development of those supplies. Finally, the study will develop general cost estimates, based on potential taps to be served.

During 2024, the consultant developed a project website to communicate with interested parties. In addition, a scoping meeting was held to inform interested parties about the project, with considerable public interest. The consultant has identified several potential groundwater well locations from previous studies but encountered significant concern from current landowners. Easement and access for potential well drilling locations has been challenging. The consultant performed an assessment of the Town of Thermopolis Water Treatment Plant and developed preliminary recommendations for improvements and/or replacement as dictated by several scenarios of system development. This project is expected to continue into 2025 with additional public meetings and development of project recommendations.

74. PROJECT: Hudson Water Master Plan

LEVEL: I
SPONSOR: Town of Hudson
LOCATION: Fremont County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	99	2006	I	$ 575,000	2009
Level III	38	2009	I	$ 1,520,000	2014
Level I	98	2024	I	$ 210,000	2027

PROJECT INFORMATION:

Hudson is located near the confluence of the Little Popo Agie and the Popo Agie Rivers in Fremont County. The Water Master Plan will evaluate the current condition of their water system and provide tools and guidance necessary to assist with planning, rehabilitating, 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 2024, the consultant gathered relevant financial information and performed fieldwork to refine the GIS system. In addition, fieldwork has been performed to assess system condition and a preliminary hydraulic model has been assembled. This project is expected to continue into 2025.

75. PROJECT: Interstate Diversion Structure Rehabilitation 2019

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

EXISTING AND PRIOR LEGISLATION:

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

*67% grant, 33% loan

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

76. 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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	66	2013	II	$ 180,000	2015
Level III	55	2019	II	$ 420,000	2024*
Level III	12	2021	II	$ 2,827,400	2026**
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. The final pipeline is expected to be ~10.6 miles long after removing curves and oxbows in the original canal as the pipeline straightens the path of flow. This project is currently under design.

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

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

EXISTING AND PRIOR LEGISLATION:

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

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

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

The goal of this project is to minimize seepage losses and the associated salt loading by converting the first 4.7 miles of the existing 13.1 miles of earthen canal to 34-inch HDPE pipe. A second phase of the project will pipe the remaining 9.6-miles. The final pipeline is expected to be ~10.6 miles long after removing curves and oxbows in the original canal as the pipeline straightens the path of flow. This project is currently under design.

78. PROJECT: Kirby Ditch ID Pipeline Phase II 2024

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	65	2017	II	$ 100,000	2021
Level III	113	2020	II	$ 2,310,000	2025*
Level III	99	2024	II	$ 1,882,500	2029**

*67% grant, 33% loan
**50% grant, 50% sponsor

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.

This project is the second phase of the Kirby Ditch ID Pipeline 2020 project. It will construct a pipeline intake structure, and convert a segment of open ditch to pipeline to reduce seepage loss. A majority of the project was designed during the 2020 phase, and the project is currently on hold while the District applies for a WaterSMART Water Efficiency and Energy Grant to help pay for their share of the project.

79. PROJECT: Kirby Ditch Irrigation District Pipeline 2020

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	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 was been completed with an estimated project cost of $5,147,370, which was more than the District could afford. In the spring of 2023, an amendment to the project was authorized to reduce the scope to the 6,630-feet of the canal with the highest maintenance requirements. This allowed the District to utilize $737,965 in US Bureau of Reclamation WaterSMART funding before it expired in 2024 and complete the critical section of canal. The reduced project was awarded for construction in May of 2023, and construction was completed in the spring of 2024.

80. PROJECT: LaGrange Groundwater Supply & Improvements

LEVEL: II
SPONSOR: Town of LaGrange
LOCATION: Goshen County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

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

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

In February 2021, the Town of LaGrange requested a Level II deep test well (<1,000 feet deep) construction feasibility study to provide future additional supply and to provide redundancy for the Town's water system. The need for the study was recommended in 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, is being performed under the Level II study for existing fire-flow requirement deficiencies and future needs. Also, the proposed tank location at the park is being 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 favorable water quality of a sodium bicarbonate-type. This 600-foot-deep test boring was then converted to a small-diameter PVC water well for the Town of LaGrange use and at their expense. The test well drilling contract bidding process was conducted in June, 2023 with four bids received. 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 acceptable water quality of the sodium-bicarbonate-type.

The study commenced in April, 2022, and the draft report was submitted for WWDO/Sponsor review on July 12, 2024. A public hearing is being scheduled with project closeout expected during the first quarter of 2025.

81. PROJECT: Lakeview ID Rock Creek Siphon 2023

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

EXISTING AND PRIOR LEGISLATION:

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

Bids were received in late summer of 2024. The lowest responsive and responsible bidder was awarded the project, and construction will begin after the irrigation season of 2024. Construction is expected to be completed by the end of calendar year 2024.

82. PROJECT: Lakeview Irrigation District Rehabilitation

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	57	2012	II	$ 250,000	2014
Level III	100	2014	II	$ 154,770	2019
Level III	55	2016	II	$ 294,300	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 both canals and laterals which supply 10,200 irrigated acres south and west of Cody, Wyoming. The District has expressed interest in improving water efficiency within its main canal. This system relies on direct flows upstream of Buffalo Bill Reservoir which are subject to shortages in low water years. There are also concerns with high sediment loads throughout the Shoshone River watershed.

The District requested a rehabilitation study to examine several options that should improve the efficient use of water and reduce the sediment load that the system contributes back into the Shoshone River. Efficiency projects have the capacity to 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 2024 with completion scheduled for June, 2025. An additional season of field work was requested by the District in the summer of 2024 to further analyze seepage loss within the system. Efforts to date have included information collection and review, seepage loss analysis, evaluation of potential water exchange with Cody Canal Irrigation District, conceptual designs, and cost estimates.

83. PROJECT: Lander Storage Tanks and Pump Station 2019

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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, awarded, and is under construction. The project is nearing completion and should be closed out in early 2025.

84. PROJECT: Lander Well & Transmission Pipeline 2021

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	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 and the city bid the project, but the only bid exceeded the estimate and funding available. The city is requesting additional funding and working to address items that came out during bidding that may have affected the final number.

85. **PROJECT:** **LaPrele Dam Rehabilitation 2024**
LEVEL: III
SPONSOR: LaPrele Irrigation District
LOCATION: Converse County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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
Level III	74	2022	II	$ 30,000,000	2032
Level III	99	2024	II	$ 0	2032

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. 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. This ultimately led to the State Engineer's Office issuing a restriction to limit the pool elevation.

The Level II Study moved into developing alternatives for replacing the existing structure with new dam types or infilling the existing dam. A Roller Compacted Concrete dam was selected as the most cost-effective replacement.

As part of the Infrastructure Investment and Jobs Act (IIJA), $100 million was allocated for the rehabilitation, reconstruction, or replacement of a dam that met certain criteria. It appears that the LaPrele dam, is the only dam that meets the entire list of criteria. In Federal Fiscal year 2023, $5 million of the $100 million was made available for projects that qualified. The WWDO applied for that funding and was successful in receiving the entire $5 million. In Federal Fiscal Year 2024, $30 million of the remaining $95 million was available with the Bureau of Reclamation retaining $3 million for administrative work, WWDO applied for $8,208,100 for pre-construction work and $18,791,900 for construction work and were successful in getting both amounts awarded. The remaining $65 million will be applied for in Federal Fiscal Year 2025.

LaPrele Irrigation District is in the process of engaging an Engineer to complete the design.

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

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

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

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

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

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

The site characterization and design advancement tasks 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 $4,454,000 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 would produce a 30% design report that will include updated cost estimates.

In 2024 the 30% design and cost estimate were completed and presented to the Office. The document went through a review and comment period, and the comments will be addressed in future levels of design. NEPA work continued throughout the year. An additional $8,208,100 of IIJA funds was awarded and amended to the $5 million federal funding agreement with the Bureau of Reclamation. This additional funding will be used to advance the project through final design. The project is evolving and will proceed as a project managed by the Office's Construction Division with support from the Planning Division.

In August 2024, an alert on a previously installed crack meter was activated causing the Team to take a look at the crack meter data closely. The Team identified that there was a change in behavior in two of the crack meters that warranted concern. The Team reported the change in behavior of the crack meters to the LaPrele Irrigation District (LID), the Office, and Wyoming State Engineer's Office (SEO). It was decided that the crack meters needed to be inspected to determine if the data was reliable, and this took place in September 2024. It is important to note that the crack meter inspection was funded by the LID

and not the funding associated with the construction of the new dam. This inspection later proved that the data was valid and this was reported to the LID.

A meeting with the LID, SEO, and the Office was held to discuss the validated crack meter data and a decision was made that the reservoir would be emptied by the LID and that a full inspection of the dam was warranted. This inspection was considered a necessary step within the LaPrele Dam reconstruction project and would have been required to understand the structure for future use as a coffer dam during construction of the new dam; therefore, USBR funding was used. The inspection revealed substantial cracks that had never been previously identified in two earlier full dam inspections (2019 and 2022). The cracking was significant enough that the Consultant Team decided there were no circumstances that the current structure should store water. These findings led to many meetings between the Consulting Team, WWDO, SEO, and LID and a day-long workshop to discuss alternatives for dam decommissioning. The alternatives were reviewed, discussed at length, including the effects of downstream flooding and erosion based on the dam removal alternatives and natural hydrology, and eventually a consensus decision was made to decommission the dam to an elevation five feet above the sediment. This eventually led to the State Engineer issuing an order to decommission the dam by April 1st, 2025, to an elevation of 5,400' (five feet above the sediment) with a caveat that a higher elevation breach would be considered if a clear benefit could be shown and could be accomplished without an increased risk to life and property.

The initial intent for the existing LaPrele Dam, under the LaPrele Dam Replacement Project, was to determine whether or not the existing dam could be safely operated as a coffer dam for the new dam construction. The existing LaPrele dam would then have been decommissioned after the new dam was completed. The events described earlier have shifted the decommissioning of the dam to 2025, prior to a new dam being constructed. This project will be ongoing.

87. **PROJECT:** **Laramie Dowlin Diversion Rehabilitation 2024**
LEVEL: III
SPONSOR: City of Laramie
LOCATION: Albany County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	84	2022	II	$ 110,000	2024
Level III	99	2024	II	$ 1,137,500	2029

PROJECT INFORMATION:
The City of Laramie requested funding to rehabilitate the Dowlin Diversion as evaluated in the Dowlin Diversion Rehabilitation Level II Study completed in 2023. The study determined the slide gates leak, the structure is unsafe and difficult to operate, and that the diversion is a barrier to fish passage on the Laramie River. The Diversion currently supplies city owned land which is leased for agricultural purposes and an adjacent land owner. This Project will rehabilitate the structure by replacement, replace the slide gates, and add fish passage to the diversion. The City of Laramie currently has an engineer under contract for design and proceeding with design of a sheet pile dam, new diversion culverts, new gates, and a basic fish passage.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	75	2014	III	$ 1,200,000	2019*
Level III	100	2017	III	$ 7,303,000	2020**
Level III	113	2020	III	$ 0	2022†
Level III	93	2022	III	$ 0	2024†
Level III	99	2024	III	$ 0	2025†

*67% grant, 33% loan

**67% grant and 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 only

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 $7,303,000.

The construction of the tank was bid mid-2022 with the costs far exceeding the project budget. The sponsor chose to fund the overran with its own funds and supplement with the DWSRF. This project is currently under construction and will be completed in late 2024 and closed out in early 2025.

89. PROJECT: Laramie Valley Diversion Structure 2020

LEVEL: III
SPONSOR: Laramie Valley Municipal Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

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

* 67% Grant

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 could not obtain easements for the proposed alternative location, but is close to obtaining the necessary easements to replace at the current location. It is anticipating design completion in the winter of 2024/2025, with bids occurring spring/summer 2025 and construction starting fall of 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	99	2006	III	$ 300,000	2010
Level II	32	2010	III	$ 250,000	2016
Level II	57	2012	III	$ 350,000	2016
Level II	66	2013	III	$ 150,000	2016
Level II	74	2014	III	$ 150,000	2016
Level II	168	2015	III	$ 4,500,000	2021
Level III	75	2017	III	$ 41,000,000	2025*
Level III	113	2020	III	$ 46,000,000	2025 †
Level III	180	2023	III	$ 78,000,000	2028 ††
Level III	99	2024	III	$ 88,850,000	2028 †††

*95.9% Grant, 4.1% Loan
†The 2017 appropriation of $41,000,000 was increased by $5,000,000 to $46,000,000. The grant percentage was changed to 96.3% and the loan percentage was changed to 3.7%.
†† The 2020 appropriation of $46,000,000 was increased by $32,000,000 to $78,000,000. The grant percentage was changed to 97.8% and the loan percentage was changed to 2.2%
††† The 2023 appropriation of $78,000,000 was increased by $10,850,000 to $88,850,000. The grant percentage was changed to 98.07% and the loan percentage was changed to 1.93%

PROJECT INFORMATION:
The Shell Valley Watershed Improvement District (District) is interested in 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.

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.

Final design was completed and the project went out for bid in the summer of 2023. The project was broken into four separate contracts for bid in the summer of 2023.

Contract A - Dam and Outlet Works, Wetlands, and Recreation Facilities
Contract B - Supply Pipeline and Associated Structures
Contract C - Transfer Pipeline and Associated Structures
Contract D - Aggregate Processing or Import

All four contracts have been awarded as of the summer of 2024, and the project is now under construction. Construction is expected to be completed by the end of calendar year 2026.

91. PROJECT: Little Wind River Storage

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

EXISTING AND PRIOR LEGISLATION:

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

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

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

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

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

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

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

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

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. The draft report for the Level II, Phase II is currently under review. The project is approaching its conclusion.

92. **PROJECT:** **Lovell Bench Lateral 2024**
LEVEL: III
SPONSOR: Lovell Irrigation District
LOCATION: Park & Big Horn Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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*
Level III	99	2024	II	$ 1,448,000	2029*

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

PROJECT INFORMATION:
The Lovell Irrigation District (LID) supplies water to lands on the south side of the Shoshone River near the towns of Byron and Lovell, Wyoming. LID diverts water from the Shoshone River at Mormon Dam into the Elk-Lovell Canal southeast of Powell, Wyoming. The Elk-Lovell Canal is the product of enlargements and extensions of the Roane Canal and Elk Ditch. The upper 12 miles of the canal is shared with the Elk Water Users Association which irrigates approximately 3,800 acres to the west of Coon Creek. LID shares expenses with the Elk Water User Association along this reach of the canal. Downstream (east) of Coon Creek, the Lovell Canal consists of 26 miles of main canal and 7.5 miles of laterals (Bench and Moncur), irrigating roughly 11,200 acres. The majority of the District remains as open ditch with the exception of the Bench Lateral, over 75% of which has been converted to pipeline. Major structures include the Mormon Dam, eight siphons, and four pipe drops. The Bench Lateral irrigates 2,900 acres. The District has no storage reservoirs.

This Project is the last phase of the Bench Lateral enclosure and is a materials only grant. The Project will enable the Lovell Irrigation District to convert approximately 5,300 LF of the Bench Lateral to pipe. The project will allow the Irrigation District to recoup some of the water losses due to erosion and water seepage, reduce maintenance on the system and have better control of the water. The engineer has been selected and design has begun.

93. PROJECT: Lovell Moncur Lateral Phase II Rehabilitation

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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. Construction started in the fall of 2023 and is schedule to complete in the fall of 2024.

94. PROJECT: Melody Ranch Water System Improvements 2018

LEVEL: III
SPONSOR: Melody Ranch Improvement and Service District
LOCATION: Teton County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	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 the population of 900 people through 387 taps. Groundwater is supplied to the District through two wells (400 gpm each). The wells are constructed to approximately 100 feet in depth into the Quaternary-age, Snake River alluvial gravel deposits. The system has a 300,000-gallon, reinforced concrete storage tank for treated water.

A water supply/master plan study was funded by the 2016 Legislature to evaluate the current condition of the District's water system and to determine the ability of the water system to operate with increasing demands and to identify options for increasing system efficiencies. The Level I study conducted a hydrogeologic investigation to select a well location, developed a conceptual well design and final design and construction cost estimate for the new Level III water supply well to supplement the existing water system.

In November 2018, the District hired an engineering consultant to complete the design for 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.

The new well has been drilled and developed. Design is anticipated to be completed by the end of September 2024 with bidding and construction contract award completed by mid-December 2024. Construction is anticipated to start in February 2025 with completion in September 2025.

95. PROJECT: Middle Piney Reservoir

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	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*
Level III	93	2022	III	$	0	2024
Level III	99	2024	III	$	0	2025

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

PROJECT INFORMATION:
Construction of the original 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, Wyoming. The existing dam embankment was situated along the upstream margin of a massive landslide complex that comprised 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. The dam is classified as a high hazard structure because of its potential for loss of life or property in the event of failure. Due to its dilapidated condition at that time (noted seepage and inability to operate the outlet works), the USFS locked the control gate in the open position and was unable to store the existing reservoir water right. The USFS originally planned on breaching the unviable dam to remove any liability, but supported the WWDC's interest in allowing the dam to be reconstructed.

An environmental assessment (EA) to reconstruct the dam was 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 contracting with the WWDC to operate, maintain, and beneficially use the Middle Piney Reservoir once reconstructed.

A construction contract was awarded, and work commenced in July of 2018. 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. The ancient landslide material associated with the project site is complex and a robust seepage collection, cutoff and monitoring system was required for a successful project. The project was substantially complete in the fall of 2023. The first fill of the reservoir started in June 2024 and ended in July 2024 obtaining about 67% of the capacity due to lower than average snow pack levels. With some additional remote controls being installed during the fall of 2024, the filling of the dam will commence earlier in 2025 as the gates will be able to be closed remotely. It is anticipated the reservoir will be completed and turned over to the District for operation and maintenance following the filling of the reservoir in 2025.

96. PROJECT: Midvale ID Wyoming Canal Phase I 2023

LEVEL: III
SPONSOR: Midvale Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	180	2023	II	$ 2,250,000	2028*

*53% grant, 47% sponsor

PROJECT INFORMATION:
This Project will be the first of four phases to replace approximately 2.3 miles (two segments of the Wyoming Canal 1st Division) of concrete canal lining. The lining has passed its useful life and needs complete replacement. These two segments are upstream and downstream of the siphon located at mile 4.47. The first phase will replace the first ~3,000 LF of canal lining starting at the furthest downstream point.

These two segments of canal 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.

Design has been completed. The District was applying in mid-October 2024 to the Bureau of Reclamation WaterSMART program for a Water and Energy Efficiency Grant (WEEG) prior to bidding the project.

97. PROJECT: Midvale Irrigation District Master Plan

LEVEL: I
SPONSOR: Midvale Irrigation District
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	141/23	2013/15	II	$ 381,000	2016/18
Level II	74	2014	I	$ 150,000	2017
Level III	23	2015	II	$ 2,653,200	2020
Level III	55	2016	II	$ 770,000	2021
Level III	75	2017	II	$ 355,000	2022
Level III	180	2023	II	$ 2,250,000	2028
Level I	98	2024	II	$ 409,000	2027

PROJECT INFORMATION:
The Midvale Irrigation District is located in and around the Town of Pavillion and Fremont County, Wyoming within the Wind River Basin. The District services approximately 930 landowners (74,000 irrigated acres) through a network of canals and pipelines, which are supplied with up to 2,100 cfs of Wind River surface water. This system is large, with key unit features including Bull Lake Dam, Pilot Butte Dam, Wind River Diversion Dam, Pilot Butte Power Plant, 100 miles of canals, 300 miles of laterals, and 335 miles of drains.

The Midvale Irrigation District requested a Level I Study to fully evaluate the approximately 100-year-old infrastructure of the District's irrigation system. The study will inventory and assess the canal system, investigate conveyance losses, and identify and prioritize capital improvement projects for financial planning. The Midvale Irrigation District has completed a multitude of projects since the 2007 Midvale Conservation Program Level II Study. It has been 10 years since the last Level I water master plan for the District.

The Midvale Irrigation District Level I Study was ongoing in 2024 and is scheduled for completion in June 2025. Tasks currently being carried out include information collection and review, system assessment and inventory, SCADA analysis, review of water rights, and economic analysis and project financing.

98. PROJECT: New Fork Lake Dam Enlargement

LEVEL: II
SPONSOR: New Fork Lake Irrigation District
LOCATION: Sublette County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

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

In 2015, $300,000 was appropriated to study the feasibility of enlarging New Fork Lakes primarily to address shortages in the District and the aging dam infrastructure. The Level II, Phase I Study 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 Study 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. 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.

99. PROJECT: Newcastle Water Master Plan

LEVEL: I
SPONSOR: City of Newcastle
LOCATION: Weston County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 evaluated the current condition of their water system and provided tools and guidance needed to assist in the planning, rehabilitating, upgrading, managing of the system, water storage and planning for future growth.

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.

The Newcastle Water Master Plan Level I study commenced in April, 2023. A public meeting presenting the draft report was held on August 19, 2024. The Newcastle Level I study generally recommended the following:

- Build service redundancies into the distribution system.
- Add future disinfection points.
- Improve fire flows.
- Increase water circulation.

The 2024 Level I master plan specifically recommended the following eight (8) projects, in order of priority from 1 to 8:

1. Replace Tank 1 (built in 1934), including demolition and construction of a new 2.5-MG welded steel tank and associated appurtenances ($9,115,158).
2. US Highway 85 12-inch pipeline and Tanks 1 and 2 connection ($8,189,096).
3. Zone 2, Main Street PRV to Divide Avenue PRV Loop improvements ($3,145,368).
4. Zone 2 and 4, Tank 1 to Second Street PRV Loop improvements ($4,503,199).
5. Zone 4, Divide Avenue PRV to Stampede Loop improvements ($2,573,597).
6. Zones 5 and 6, West Main PRV to Section Road improvements ($6,803,120).
7. Zone 2, US Highway 85 to Elementary School Loop improvements ($4,503,199).
8. Establish an Annual AC Pipe Replacement Program ($2,800,734).

Additional Newcastle water system improvement projects as associated components of these eight (8) above-recommended projects include:

- Replace the single inflow/outflow lines to Tanks 1, 2, and 3.
- Replace Divide Avenue Pressure Control Station.
- Improve the West Main Street PRV Station.
- Reduce the effects of water hammer in Zones 2 and 3.
- Develop an asbestos cement (AC) pipe replacement program.

The final report, executive summary, and other deliverables were delivered to the WWDO on September 30, 2024. The project will be closed out during the first quarter of 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	I	$ 230,000	2019
Level III	121	2018	I	$ 1,076,690	2023*
Level III	55	2019	I	$ 1,055,250	2024*
Level III	113	2020	I	$ 676,700	2025*

*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 involved the replacement of six pumps in 3 pump stations and the replacement of two flow control valves. Both the pumps and control valves were past their life expectancy. The 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 was completed and closed out in 2024.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	I	$ 230,000	2019
Level III	121	2018	I	$ 1,076,690	2023*
Level III	55	2019	I	$ 1,055,250	2024*
Level III	113	2020	I	$ 676,700	2025*
Level 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).

The original project was going to include 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 Wyoming Water Development Commissions approved modifying the project in September of 2024. The modified project will include the following: building a new Sage Creek Pump station near the intersection of the Greybull Highway and Sunset Rim Road; building 1,500 feet of transmission line from the City of Cody's transmission line on Beacon Hill Road to loop north of WYDOT and connect to the existing City of Cody water main near the Greybull highway and Arrow Avenue; extending the City of Cody transmission main east 650 feet along the north side of the Greybull highway to a connection vault near the Greybull Highway and a location between the KOA and Moller Drive; building a connection building/vault for the City of Cody to NRWD Sage Creek connection; building a connection between the piping on the east end of Arrow Avenue to the Sage Creek low zone piping on the north side of the Greybull Highway. Additionally, maintaining the Existing Sage Creek/Cooper Lane connection building for supply to both Sage Creek and Cooper Lane. The design is continuing and bidding will occur in 2025.

102. **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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	93	2022	NA	$ 700,105	12/2026*

*Original Legislation (ARPA Funds) $700,105 67% grant; Sponsor's Contingency (8/2024) $275,000 67% grant

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 project was bid and awarded in August of 2024 with construction underway in late 2024.

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

EXISTING AND PRIOR LEGISLATION:

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

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

During the 2010 Budget Session, the Nowood River Steering Committee, formed prior to the commencement of the Level I study, requested and received funding for a Level II Storage Feasibility Study to further explore storage opportunities identified in the Nowood River Storage/Watershed Level I Study. The Nowood River Watershed is inefficiently used and underutilized by a wide variety of interests because it does not have adequate storage balanced with consistent stream flows. Agricultural operations, as well as fish and wildlife, have been negatively impacted in the watershed by severe drought conditions which have led to limited late season flows and calls on the river. At the same time, ample, and at times excessive, spring runoff goes unused as a result of the untimely thaws and the magnitude of the runoff. The sponsor's objective is to develop and/or expand current water storage in the Nowood Watershed to collect the excess spring runoff and allow for controlled, consistent releases, thus providing agricultural benefits through improved management and late season irrigation, potential municipal benefits through reduction of channel erosion and flooding in area communities, as well as environmental and recreational benefits through the enhancement of fisheries and wildlife habitat. The Level II study focused primarily on hydrologic analysis, needs, and site investigations to determine the most viable storage locations. Results of the study were positive and showed that a reservoir on Alkali Creek and enlargement of

Meadowlark Lake appear to be the most feasible storage options. Furthermore, several potentially feasible storage sites were deferred due to landowner opposition.

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

Based on the results of the feasibility study of the Alkali Creek Reservoir alternative, the Nowood River Steering Committee formed the Nowood Watershed Improvement District. Level II, Phase III funding to begin permitting and final design of the Alkali Creek Reservoir alternative was requested and received during the 2015 General Session. An Environmental Impact Statement (EIS) has been completed and design is underway. Final design is approximately 50% complete. To date, the District has secured easements or purchased property encompassing the majority of the proposed reservoir footprint, staging areas, stream and wetland mitigation areas, and borrow areas, and for approximately 86% of the affected Anita Ditch length. However, the District is still working with landowners to secure the remaining easements necessary for the construction of the project. 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 focused 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). The draft report addendum for the Level II, Phase II is being finalized and the project is approaching its conclusion. 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.

104. **PROJECT:** **Orchard Valley Water Master Plan**

LEVEL: I
SPONSOR: Orchard Valley Water Company
LOCATION: Laramie County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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.

During 2024, work continued on the hydraulic model, public entity formation, and evaluating funding sources. Recommendations for system improvements were developed as the study progressed. The draft master plan and associated recommendations were presented at a meeting open to the public. The final report has been prepared and a closeout memorandum will be submitted to the WWDC during the first quarter of 2025. The study identified four options for the Sponsor:

1. Minimum Upgrade Components - Installing flow meters at each well to allow for accurate assessment of water supplied to the system. Retrofitting the discharge piping for each well to replace the existing perforations with well screen to enhance the efficiently of the wells and reduce the amount of sand entering the system. Orchard Valley remains an independent water company.
2. Total System Replacement - The system is fully upgraded in a phased approach. Orchard Valley remains an independent water company.
    i. Phase 1: Focuses on well upgrades. Upgrades include those discussed in recommendation 1 as well as replacing the pump in Well #4, installing water level meters, a chlorination system, and a SCADA system
    ii. Phase 2: Tank Replacement. The existing underground tanks would be removed and replaced with a series of above ground bladder tanks in a new building to house them.
    iii. Phase 3: Distribution System Replacement. Replacing all of the distribution piping, fittings, valves, water meters, and service lines. This is an expensive phase and there are options for breaking it down into small components.
3. Emergency Supply - Orchard Valley connects to South Cheyenne Water and Sewer District for emergency backup and supply if a catastrophic failure to Orchard Valley were to occur. Connection to South Cheyenne Water and Sewer District would require a pressure reducing vault along with metering and backflow preventers. Orchard Valley remains an independent water company.
4. Alternative Water Supply - Orchard Valley dissolves as a water company and all customers connect to South Cheyenne Water and Sewer District. The Orchard Valley water supply system could be maintained for bulk water sales or irrigation. Associated costs include tap and development fees and new service lines with meters and curb stops.

Additionally, the Orchard Valley Water Company wholly exists within the South Cheyenne Water and Sewer District boundaries and that complicates the ability for Orchard Valley to become a water district and therefore a public entity. It is recommended that Orchard Valley Water Company obtain a legal opinion prior to making any final decisions regarding public entity formation or funding eligibility.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	38	2016	I	$ 375,000	2019

Level I	150	2020	II	$	170,000	2023
Level III	93	2022	II	$	6,040,000	2027*
Level III	99	2024	II	$	0	2028

*Original Legislation $5,040,000 67% grant, 5% loan; Sponsor's Contingency (11/2023) $1,000,000 75% grant, 25% loan; Sponsor's Contingency (8/2024) $51,000 19% grant

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).

The Main Pump Station and Re-lift Station were constructed by the United States Bureau of Reclamation and turned over to the District for operations and maintenance in 1957. There is a significant concern that failure of the pumps, transformers or pipe could result in the loss of a major portion of an irrigation season. The OCID also desires to increase pump capacity to increase early water delivery when it is available.

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

Design is completed. A very high bid was received and the engineer worked with the potential contractor, OCID and WWDO to reduce the scope to be within budget. The contract was awarded in January 2024 and construction is anticipated to be completed March 2025.

106. PROJECT: Pavillion Groundwater Supply

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	150	2020	I	$ 135,000	2023
Level II	84\98	2022\24	I	$ 1,116,000	2025\27

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. After inclusion into the 2024 Omnibus Water Bill – Planning and approval by the 2024 Wyoming Legislature and Wyoming Governor, the Pavillion Level II study's appropriation increase was approved.

With the additional funds approved and the contract amendment signed, the well drilling was rebid in April 2024, and the successful well drilling contractor was selected. The drilling/well construction occurred from May to August, 2024. The pilot boring for Pavillion #9 was drilled to 1,044 feet total depth on May 31, 2024, on Midvale Irrigation District land with an access agreement. The test well site is located northwest of the Town of Pavillion. The small diameter boring was reamed out to 1,089 feet deep and the first test well was constructed on July, 15, 2024. Unfortunately, during well development the first test well suffered an apparent catastrophic casing/screen failure (weld separation) allowing filter pack/formation to enter inside the well casing. The first well was plugged and abandoned.

In late July/early August 2024, the drilling rig was moved about 30-50 feet away from the first well and a second test well was completed. The replacement well was constructed at the driller's cost under the terms of the drilling subcontract with the consultant. The second test well (Pavillion #9) drilled a pilot hole to 1,091 feet deep. After reaming out the pilot hole to 14.75", the second well was constructed to 1,070 feet total depth in the Eocene-age Wind River Formation. The 8-5/8" diameter well was screened in the following sandstone intervals (95 ft total screen): 825-835' (10 ft), 855-885' (30 ft), 943-988' (45 ft), and 1,038-1,048' (10 ft). The sand filter pack was installed from 753 to 1,070 feet. The static water level is about 57 feet below ground surface. The test well yields approximately 280 to 300+ gpm while pumping, which is considered a large-yielding well in the area. The initial water quality testing appears very favorable for use as a drinking water supply for the Town of Pavillion.

The Level II study is scheduled for completion by August, 2025.

107. **PROJECT:** **Powder River Irrigation District Master Plan**
LEVEL: I
SPONSOR: Powder River Irrigation District
LOCATION: Johnson County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	43	1992	II	$ 75,000	1993
Level III	28	1992	II	$ 340,000	1995
Level III	89	1993	II	$ 560,000	1996
Level I	98	2024	II	$ 176,000	2027

PROJECT INFORMATION:
The Powder River Irrigation District includes agricultural land east of the town of Kaycee, Wyoming extending to the town of Sussex, Wyoming. The District provides water for 28 landowners who are irrigating approximately 5300 acres of grass hay, alfalfa, small grains, and pasture.

The District requested a reconnaissance study to determine the current condition and future needs for agricultural water delivery. The water is supplied via the Sussex Irrigation Canal (also known as the Sahara Ditch) which was constructed starting in 1902. The canal originates at a diversion dam on the Middle Fork Powder River and extends for approximately 15 miles until it pours into Fourmile Creek near Sussex. The Level I study will examine the condition of the irrigation conveyances, siphons, turnouts,

and other structures to provide the District with guidance for planning and phasing future rehabilitation and upgrades.

The study will provide the District with GIS mapping, assessment of infrastructure condition, and prioritized projects to address water use efficiency and infrastructure repair or replacement. Specific areas of concern include siphons which are reaching the end of their life and challenges with water delivery due to seepage from the canal.
The Scoping Meeting for this project was held in May of 2024. An inventory of infrastructure was completed along with a wet survey of the conveyances in the summer of 2024. This has been followed up by a dry survey and condition assessment in the fall of 2024. It is anticipated that this project will be complete in the fall of 2025.

108. **PROJECT:** **Ranchester Transmission Line 2024**
LEVEL: III
SPONSOR: Town of Ranchester
LOCATION: Sheridan County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	186	2023	I	$ 128,000	2026
Level III	99	2024	II	$ 2,465,000	2029

PROJECT INFORMATION:
The Town of Ranchester's water system gets its water from the Tongue River. Raw water is pumped from the river to the 1 MGD water treatment plant (WTP) where the water is treated. Treated water is then pumped from the WTP to ground-level steel tanks located at a higher elevation north of Town. Once water is in the tanks, it flows by gravity throughout the entire town system. The Town is on one pressure zone, with the hydraulic grade line (HGL) set by the tank elevation.

This Project is for the replacement of the single aging 12" ductile iron water transmission pipeline with a new dedicated transmission line from the WTP to the tanks and then a separate dedicated transmission line from the tanks back to the distribution system. The Project will also include: tank piping and valving; intake pump station and piping; and WTP pump station and piping. Electrical and SCADA directly related to the Project will also need replacement. The engineer has been selected and design should be complete for bidding in late 2024.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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
Level III	99	2024	II	$ 2,465,000	2029

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 provides an inventory and evaluation of the entire water system. The study also imparts 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 2024, work continued on the hydraulic model and evaluating funding sources. Recommendations for system improvements were developed as the study progressed. During the study, deficiencies were discovered on the main transmission line, and a sponsor-funded feasibility study was completed to evaluate options for replacing the pipeline. The town of Ranchester applied for and received funding from the WWDC to replace the pipeline. The draft master plan and associated recommendations were presented at a meeting open to the public. The final report has been prepared and a closeout memorandum will be submitted to the WWDC during the first quarter of 2025.

The study identified recommendations for the Sponsor pertaining to their water treatment plant, transmission mains, and water storage. For the water treatment plant, the most likely scenario is to upgrade the plant on a twenty-year interval, once the plant nears its current max daily demand capacity.

- At the proposed growth rate, the first WTP capacity increase will need to occur around 2035.
- Maintenance and CIP recommendations should occur to maintain the existing treatment facility in good functional condition during the design life.
- Upgrade the SCADA system to allow automatic control of plant flow rate and support processes to allow 24/7 operation.
- The plant expansion will require acquisition of (or an easement on) the state-owned land adjacent to the existing intake and treatment plant unless the existing shop building is replaced with treatment infrastructure.

For the transmission mains, the following transmission main projects will be needed to address existing concerns, or supply fire flow and pressure as growth occurs.

- North Transmission Loop Project- This project includes a 12-inch transmission main from the transmission main from the tanks near where the transmission main from the tanks crosses Railway Street, approximately 2900 LF west to connect to the main near Wondra Ave.
- Northwest Transmission Main Project- This project includes a transmission main from the west end of the North Transmission Loop Project and extends that loop to the west to connect to the main in 5-mile Road. This portion of main is likely the highest priority as it provides another line for east-west connectivity and some redundancy to the line along Highway 14.
- West Tank Loop Project- This project includes running a transmission main from the Northwest Transmission Main around the current west end of the service area and connecting near Highway 14. This project would also include 16-inch piping to a new 500,000-gallon tank west of town. The main purpose for this project is to provide future fire flows and peak hour capacity to the future growth on the west side of Ranchester. Since this project may not be needed for 20-30 years, line and tank sizes and locations should be reviewed as the town continues to grow.
- East Loop Project- This project would extend a water main from near Hardin Street, connect to the end of the line on Brooks Street, and continue east towards the corporate limits and then loop back to tie into Heather Lane.

- Carl Street Connection- This project would connect two water mains that are fairly close together near Carl Street and south of Betty Street. This connection would provide better connectivity and could likely be done by town crews.

For the water storage, the West Tank Loop Project includes additional storage to provide fire flow and maintain pressures during peak hour demand times. Several tank sites were considered for additional storage as and use the same HGL as the existing tanks. The location included in the West Tank Loop Project was thought to be ideal, because it is the closest to the future demand location, as growth occurs west out Highway 14 and west out Highway 345. This may not be needed for 20-30 years, and the location and size should be reevaluated as growth occurs.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 2024, work continued on refinements to the hydraulic model and evaluating funding sources. The study also developed a master plan of recommended improvements and the priority of those improvements. The draft results were presented at a public meeting, and the final report has been prepared. The study identified four high priority projects for the Sponsor to complete, in order of importance:

1. Sage Creek Transmission Pipeline Rehabilitation. The Sage Creek Transmission pipeline transports water from the Sage Creek Springs and the Nugget Wellfield to the Atlantic Rim Reservoir. The pipeline consists of cement mortar-lined steel pipe which was installed in the late 1980s. Numerous blow-off valves and air vacuum valves are not functional or leaking and at risk of failure. In addition, the cathodic protection system requires rehabilitation to include the installation of a new anode groundbed.
2. Sage Creek Springs Rehabilitation. Sage Creek Springs are located approximately 25 miles south of Rawlins and serve as the primary water source for Rawlins. The original collection system was installed in the early 1920s. Some of the collection system and connection lines have been replaced, but portions remain to be rehabilitated. Indications are that the remaining components have exceeded their useful life and should be replaced.
3. High-Pressure Transmission Pipeline Replacement. A 20-inch diameter pipeline supplies the High-Pressure Zone and is the sole conduit for that zone. The pipeline is made of ductile iron pipe installed in the 1980s and has experienced several significant leaks, including one during the course of this study.
4. Tank Farm – 2.0 MG Water Storage Tank. The current Tank Farm consists of two, welded steel tanks with a combined capacity of 15.5 million gallons. The condition assessment indicates these tanks are in poor condition and have reached the end of their serviceable lifespan. The 2023 inspection revealed significant corrosion and also areas of the interior steel floor were completely corroded through to the concrete foundation.

The study projected that these four projects total nearly $27 million to complete. Depending on funding sources, the study concluded that average customers in Rawlins would need to pay $14 to $25 additional dollars per month to fund the improvements.

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:
In its efforts to reduce costs on watershed studies, river basin plan studies, storage studies and instream flow studies, the Planning Section of the WWDO has worked toward implementing the USGS StreamStats models for the State of Wyoming. Phases I and II of that effort, including work to improve the National Hydrography Dataset (NHD), were funded during the 2018 Legislative session and completed in 2020. Phases III and IV were funded during the 2019 Legislative session and efforts on these phases continued in 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. The USGS team has provided multiple in-person demonstrations of StreamStats at regional agency forums and meetings. It is anticipated that at-site and peak-flow streamflow characteristics will be published in the next year.

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

EXISTING AND PRIOR LEGISLATION:

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

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

pressure zones. Additionally, an evaluation of their existing SCADA system, and an evaluation of their current rate system will be performed.

In 2024 the study went through a review, comment, and rewrite process. The final presentation of the draft report was held October 15th. The study identified multiple projects to be completed by 2032 and multiple projects recommended to be completed by 2052. Projects to be completed by 2052 include multiple pipe replacement projects, an elevated storage tank, and a water treatment plant upgrade. Of the 2032 projects the majority include pipe replacement projects. The top 4 projects are the following:

1. Main Street Transmission Main (upstream of Main Street facilities): The objective of this project is to replace approximately 12,000 feet of 14-inch diameter pipe with a new 18-inch diameter pipe. ($7,950,000)
2. Main Street Transmission Main (downstream of Main Street facilities): This project continues the upsizing of pipe along or near Main Street to create a transmission loop, while also replacing old, poor material pipe. Approximately 1,200 feet of 8-inch cast iron, 1,850 feet of 4-inch cast iron, and 380 feet of 6-inch AC/transite pipes will be replaced with a new 18-inch & 12-inch diameter PVC pipe. ($2,031,000)
3. Main Street Flow Control Valve (FCV): A flow control valve (FCV) would be used to control the water delivered to Pressure Zone 1 from the Main Street Transmission Main to serve the North Side Elevated Storage Tank (EST) during the decommission of the Main Street Reservoir and Pump Station. ($95,000)
4. Water Treatment Plans Site Transmission Pipe: Replace approximately 1,150 feet of 16-inch diameter AC pipe with 24-inch diameter pipe downstream of the Water Treatment Plant (WTP) tank. ($801,000)

This project is scheduled for closeout early 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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. 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.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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. As of October of 2024, the construction contract has been awarded and construction of the work is expected to begin in the winter of 2024-25.

115. **PROJECT:** **Salt River Watershed Study**
LEVEL: I
SPONSOR: Star Valley Conservation District
LOCATION: Lincoln County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	98	2024	I	$ 344,000	2027

PROJECT INFORMATION:
The Star Valley Conservation District requested a watershed study to evaluate current watershed function, irrigation diversion/conveyance systems, stream health, vulnerability of water systems to wildfire and upland livestock/wildlife water management and rehabilitation opportunities. Surface water storage including enlargement and/or rehabilitation of existing water storage facilities, current condition of wetlands and riparian areas within the drainage, and geomorphic classification are also of interest. This information will provide baseline information from which the District can pursue implementation of management practices that address the natural resource issues within the drainage.
The Salt River watershed, located primarily in Lincoln County, covers approximately 570,000 acres. The watershed includes approximately 220 miles of the mainstem of the Salt River and its major tributaries. Tributaries from the mountains of Wyoming and Idaho include Jackknife Creek, Tincup Creek, Strawberry Creek, Willow Creek, Stump Creek, Swift Creek, Dry Creek, Cottonwood Creek. Spring Creek, Crow Creek and numerous spring creeks which originate in the valley bottom. Reservoirs include Strawberry Creek Reservoir and Upper and Lower Swift Creek Reservoirs.
Scoping meetings were held in Afton and Etna in June of 2024. It is anticipated that this project will be complete in 2025.

116. **PROJECT:** **Sheridan Area Water Supply Transmission 2020**
LEVEL: III
SPONSOR: City of Sheridan
LOCATION: Sheridan County

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	94	2018	I		2021
Level III	180	2023	I	$ 213,060	2028*
Level III	99	2024	I	$ 1,755,000	2028**

* 50% Grant -Pre-Construction
** 50% Grant Construction

PROJECT INFORMATION:
The City of Sheridan requested design and construction funding for this Level III construction project, which was called the Airport Transmission Main by the City. The proposed transmission main was to connect an existing water supply pipeline in the eastern end of the Big Goose Valley to major service areas at the airport, and then areas to the south, which include the State Girl's School, the entire Little Goose Valley, the Big Horn area, Sheridan College, and southeastern Sheridan. This project came out of the 2019 Sheridan Water Master Plan, Level I Study and was the highest priority project presented in that study.

In 2020 the Legislature appropriated $3,102,100 for Level III design and construction of this project. The project went into design in 2021 and easements were obtained in 2023. However, but the costs for the project quickly escalated. The City of Sheridan re-evaluated the project with the updated costs and determined that the costs for the project exceeded the benefits of the project and officially terminated the project in January 2024. The City of Sheridan then reimbursed the Wyoming Water Development Commission for the funds disbursed over the course of the project in April of 2024. This project is closed-out at this time.

117. PROJECT: Sheridan Supplemental Storage

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

EXISTING AND PRIOR LEGISLATION:

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

*Time Extension of 2015 Appropriation

The above legislation references appropriations from Water Account III that focus upon opportunities to construct or acquire storage from existing mountain storage (located within the Big Goose drainage above Sheridan) for both the City of Sheridan and the Sheridan Area Water Supply Joint Powers Board. The Water Development Program has funded many other projects for both entities and for the regional municipal rural domestic water system, which serves both rural Sheridan County and the City of Sheridan.

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

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

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

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

During the 2015 General Session, the Sheridan Area Water Supply Joint Powers Board/City of Sheridan requested and received a grant of $5,628,000 from the WWDC Dam and Reservoir Water Account III to acquire up to 2,000 acre-feet of storage within Park Reservoir in the Big Goose drainage above the City of Sheridan, should it become available, on a willing seller, willing buyer basis. Agreements are now in place to allow for solicitation of such acquisitions and several purchases have been executed. The Sponsors 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.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	94	2018	I	$ 250,000	2021
Level III	180	2023	I	$ 213,060	2028*
Level III	99	2024	I	$ 1,755,000	2028**

* 50% Grant -Pre-Construction
** 50% Grant Construction

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 of Sheridan has submitted the design to DEQ to obtain a Permit n to Construct, with plans to bid the project in the winter of 2024/2025 and construction starting in the spring of 2025.

119. PROJECT: Shoshone Irrigation District Improvements 2021

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level 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 – construction allocated $89,000 as a project amendment for the completion of lateral 12F. As of October of 2024, the work has been completed and closed out.

120. PROJECT: Shoshone Irrigation District Rehabilitation 2019

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	II	$ 181,000	2024*
Level III	180	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 – construction, allocated $101,000 as a project amendment for the completion of lateral 16U. As of October of 2024, the work has been closed out.

121. PROJECT: Shoshone Municipal Pipeline Regional Water Master Plan

LEVEL: I
SPONSOR: Shoshone Municipal Water JPB
LOCATION: Park and Big Horn Counties
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	38	2009	I	$ 2,428,800*	2014
Level III	55	2016	I	$ 2,227,500*	2021
Level I	98	2024	I	$ 216,000	2027

* 33% grant

PROJECT INFORMATION:

The Shoshone Municipal Pipeline receives water from Buffalo Bill Reservoir. The Shoshone Municipal Pipeline is a regional system that delivers water to the seven member entities (Cody, Powell, Byron, Lovell, Deaver, Frannie, and Northwest Rural Water District) in Park, and Big Horn counties. Since the initial planning and feasibility report in 1983, and subsequent Level II and III reports in 1986, no other planning reports have been prepared to assist the Joint Powers Board or staff in operational and future planning efforts.

The Master Plan will assist the Shoshone Municipal Pipeline 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 2024, work commenced to gather system information and data. GIS mapping has been performed, and work has commenced on the hydraulic model. Population projections for the service areas have been completed and are being incorporated into the hydraulic model. Work will continue on the Water Master Plan into 2025.

122. PROJECT: Shoshoni Groundwater Supply & Transmission

LEVEL: II
SPONSOR: Town of Shoshoni
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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, and radon) 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 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 also prepared and recommended mitigation solutions to prevent the problem with system improvements. The Level II study commenced in April, 2023 and the draft report was submitted to the WWDO on July 5, 2024. The recommendations and cost estimates from the Level II study include:

1. Install a downhole gas buster in Well No. 6 ($11,000),
2. Replace ~1,500-feet of PVC transmission line with properly bedded, 250 class ductile iron pipe (DIP) with associated appurtenances ($1,397,199), and
3. Equip Well No. 6 with industry surge prevention mechanisms (cost included in Item #2).

The public hearing for this study was held on September 10, 2024. The final report, executive summary, and other deliverables were delivered to the WWDO on October 15, 2024. This project will be closed out during the first quarter of 2025.

123. PROJECT: Sidon Irrigation District Master Plan

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 head gate 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 examined 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 included assessment of infrastructure condition, evaluation of priorities, developing a finance plan and completion of the final report.

The study evaluated 46 unique features associated with canal operations. To prioritize the rehabilitation or replacement of structures and work on conveyances a scoring matrix which included condition, acres impacted, safety risk, and water efficiency was developed. Twelve projects, where it was feasible to address issues in the next 10 to 15 years, were considered top priority and are discussed below.

a. **Spill Automation and Improvements**: Six spills are located along the Sidon canal which provide an outlet for water to release into the Shoshone River, Sage Creek or Peterson Creek. Currently these spills are operated manually and energy dissipation and erosion control is needed. Five of the six spills were identified as high priority for rehabilitation including replacement and automation of the check structures, restoration of the spillway, and erosion control. The costs for spill rehabilitation ranges from $100,000 to $220,000 per spill.

b. **Canal and Lateral Conveyance Rehabilitation**: The remaining priority projects address efficiency, restriction and erosion issues along the canal. The Sidon Canal has approximately 55 miles of laterals where 42 miles are open channels and some are concrete lined. The Byron Lake,

Wilson Section and Cowley North laterals are laterals where an impervious liner topped with a concrete floor is proposed. A pipeline at Mortenson Cut is proposed which would replace existing open canal with 8 miles of newly aligned pipe to decrease water loss and reduce maintenance. The Byron Lateral pipeline would convert existing open conveyances to pipe on the current alignment. Numerous private, county, highway and railroad crossings are along the canal. Several crossings were prioritized for replacement where restrictions created near full conditions or other issues such as corrosion were identified. The final project addresses the canal outlet that empties into a wash which continues to deepen and needs rehabilitation to provide energy dissipation and erosion control.

This planning project was closed out in December of 2024.

124. PROJECT: Sidon Irrigation District Rehabilitation 2021

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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's responsibilities include construction of the facilities as well as financing of 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 took place during the winter 2023-2024 construction season. It is expected that the project will be closed out in November of 2024.

125. PROJECT: Sidon Irrigation District Sidon Canal 2020

LEVEL: III
SPONSOR: Sidon Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	113	2020	II	$ 1,060,000	2025*
Level III	180	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 the Gwen Lateral canal with pipe. The sponsor's responsibilities include construction of the facilities as well as financing of 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. In the fall of 2024, the District was awarded outside funding through BOR 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.

126. PROJECT: Silver Lake Dam Rehabilitation

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

EXISTING AND PRIOR LEGISLATION:

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

PROJECT INFORMATION:

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

During the 2018 Budget Session, a $250,000 appropriation was authorized for a Level II feasibility study to analyze rehabilitation alternatives for Silver Lake Dam. The study included 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 alterative, in anticipation of final design and eventually construction. As many of the tasks in the NRCS Watershed Plan are similar to the WWDC Level II feasibility study tasks, the WWDO is coordinating extensively with the District and NRCS to ensure a unified effort to provide an efficient and complete solution for the Sponsor.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	10	1994	I	$ 250,000	1997
Level II	81	1999	I	$ 50,000	2002
Level III	88	2002	I	$ 672,500	2007
Level I	98	2024	I	$ 147,000	2027

PROJECT INFORMATION:
The Town of Sinclair is located in Carbon County and lies within the North Platte River Basin. The town has a population of approximately 400 people served through 231 taps. The Town is supplied with North Platte River surface water (up to 11.41 cfs), which is pipelined to Rawlins, treated by the City of Rawlins, and returned through 12-inch PVC transmission line to the Town.

The Town of Sinclair and the City of Rawlins entered into a municipal water supply joint powers agreement in October 2002 for a term of 50 years. Within the current arrangement, each municipality operates their own water system, however, the City of Rawlins is responsible for supplying all water to the point of delivery for the distribution system at the Town of Sinclair's water storage tank. The Town is then solely responsible for getting the water from the storage tank into the water distribution system. In exchange for the Town of Sinclair receiving treated water from the City of Rawlins, the City of Rawlins diverts Town of Sinclair-owned water rights for use to be supplied to the Town of Sinclair and to be also used by the City of Rawlins. During the May 2023 WWDC/SWC Joint Meeting, the Commission voted to add the Sinclair Water Master Plan as a supplement to the Rawlins Water Master Plan.

The Town of Sinclair requested the Level I Study to evaluate the current condition of their water system and 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, perform the financial planning necessary to meet those priorities, and provide reconnaissance-level information regarding costs and scheduling. As twenty years have passed in the City of Rawlins agreement timeline, the Town would like to be sufficiently prepared for potential changes in the stability of its infrastructure. The last WWDC Level I Study for the Town was completed in 1996.

The Sinclair Water Master Plan Level I Study was ongoing in 2024 with the following tasks currently being assessed; information review, growth and demand projections, inventory, evaluation, GIS, and hydraulic modeling.

128. **PROJECT:** **Skyline ISD Well Connection 2024**
LEVEL: III
SPONSOR: Skyline ISD
LOCATION: Teton County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	150	2020	I	$ 93,000	2022
Level III	99	2024	I	$ 448,000	2029

PROJECT INFORMATION:
The Skyline ISD system did not meet DEQ standards for meeting the peak demand with the largest well out of commission or with adequate storage. Regional solutions were looked at as part of the Level II study but ultimately a new well was drilled via a WWDC Ground Water Grant to meet DEQ requirements for the system. The Level III project will connect the new well to the system via new transmission mains, controls, and pump house building improvements. The Skyline ISD has entered into an agreement with an engineer to design the connection to the system. The engineer is beginning the design currently.

129. PROJECT: Small Water Development Projects

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation
Small Project	88	2002	I	$ 500,000
Small Project	118	2004	I	$ 750,000
Small Project	114	2005	I	$ 500,000
Small Project	32	2010	I	$ 200,000
Small Project	14	2011	I	$ 300,000
Small Project	100	2014	I	$ 600,000
Small Project	23	2015	I	$ 500,000
Small Project	55	2016	I	$ 750,000
Small Project	121	2018	I	$ 750,000
Small Project	55	2019	I	$ 2,000,000
Small Project	113	2020	I	$ 1,063,000
Small Project	12	2021	I	$ 1,000,000
Small Project	93	2022	I	$ 1,000,000
Small Project	180	2023	I	$ 1,000,000
Small Project	99	2024	I	$ 1,500,000
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, guzzlers and other water collection systems, 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
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
MS Stock Water Pipeline Extension	19-Mar-21	I	31-Dec-24
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
Britt Wilson Small Water Project	16-Mar-22	I	31-Dec-24
Clark Stock Extension	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
Dixon Ditch Lining	16-Mar-22	I	31-Dec-24
Five Mile Point State Water Well	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
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
Mesa Irrigation Pipeline	16-Mar-22	I	31-Dec-24
Nicholas Solar Pump Pipeline & Tank	16-Mar-22	I	31-Dec-24
Putney Ditch Pipeline	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
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
RR Water Control Structures	16-Mar-22	II	31-Dec-24
South Red Desert Stock Ponds Rehabilitation	16-Mar-22	II	31-Dec-24
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
Cattail Ranch Gusher Pasture Water Project	15-Mar-23	I	31-Dec-25
Chip Axtell Copper Mountain Project	15-Mar-23	I	31-Dec-25

Cobb Savery Stock Water Well & Pipeline 2023	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
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
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
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
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
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
Stocks Spring Development & Pipeline	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
Daisy Springs Ranch Pump & Pipeline	15-Mar-23	II	31-Dec-25
Downer Ditch Diversion Rehabilitation	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
Silver Lake Restoration	15-Mar-23	II	31-Dec-25
Steve Geni Lower Ditch Siphon	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
Adams Livestock Stock Water Well	20-Mar-24	I	31-Dec-26
Axtell Ranches Antelope Watering Systems	20-Mar-24	I	31-Dec-26
Backside of Badger Livestock Water Development	20-Mar-24	I	31-Dec-26
Bartlet Stock Water Pond 4	20-Mar-24	I	31-Dec-26
Bartlett Stock Water Pond 5	20-Mar-24	I	31-Dec-26
Bartlett Stock Water Pond 7	20-Mar-24	I	31-Dec-26
Bartlett Stock Water Well	20-Mar-24	I	31-Dec-26
Boulter Two Rivers Ranch Stock Water Development	20-Mar-24	I	31-Dec-26
Brokaw SWPP	20-Mar-24	I	31-Dec-26
Cactus Pasture Project	20-Mar-24	I	31-Dec-26
Castle Rock Stock Pipeline	20-Mar-24	I	31-Dec-26
Cokeville Smiths Fork River EWP - Shane Pope	20-Mar-24	I	31-Dec-26
Cottonwood Bluff Buried Ditch No 2	20-Mar-24	I	31-Dec-26
Craft Irrigation Pipeline	20-Mar-24	I	31-Dec-26
Fornstrom North Ward Project	20-Mar-24	I	31-Dec-26
Fornstrom South Ward	20-Mar-24	I	31-Dec-26
Francs Fork Off Channel Stock Watering - East Well	20-Mar-24	I	31-Dec-26
Francs Fork Off Channel Stock Watering - West Well	20-Mar-24	I	31-Dec-26
Gerdel Ditch Seepage Mitigation Extension Project	20-Mar-24	I	31-Dec-26
Graves Land & Livestock Pipeline & Tanks	20-Mar-24	I	31-Dec-26
Hidden Hills Ranches Subdivision Fire Suppression Cisterns	20-Mar-24	I	31-Dec-26
Hog Eye Ranch LLC Stock Water Well & Pipeline - Dad	20-Mar-24	I	31-Dec-26
Hog Eye Ranch LLC Stock Water Well & Pipeline - State North Dad	20-Mar-24	I	31-Dec-26
Johnson No 1 Pipeline	20-Mar-24	I	31-Dec-26
Kaisler Cattle Stock Water Well	20-Mar-24	I	31-Dec-26
Kelly State Land Ponds No 2 & 3	20-Mar-24	I	31-Dec-26
Kelly State Land Ponds No 4 & 5	20-Mar-24	I	31-Dec-26
Kelly State Pond No 1	20-Mar-24	I	31-Dec-26
Kimsey Hall Butte Watering System	20-Mar-24	I	31-Dec-26
Kirby Creek Ranch Antelope Creek Spring & Pipeline	20-Mar-24	I	31-Dec-26
Kody Stocks Stock Reservoir	20-Mar-24	I	31-Dec-26
Larson Cattle Pipeline	20-Mar-24	I	31-Dec-26
Little Powder River Upland Water Development 1	20-Mar-24	I	31-Dec-26
Little Snake Land Company Oxbow	20-Mar-24	I	31-Dec-26
Lower Big Gulch Stock Water Pipeline	20-Mar-24	I	31-Dec-26
Lower Greybull River Pipeline	20-Mar-24	I	31-Dec-26
Mariah Stock Pipeline 2024	20-Mar-24	I	31-Dec-26
Montgomery Livestock Water Control Structure & Headgate	20-Mar-24	I	31-Dec-26

Morrison Cherry Grove Stock Water Well	20-Mar-24	I	31-Dec-26
Morrison South Stock Water Pipeline	20-Mar-24	I	31-Dec-26
Morrison South Stock Water Well	20-Mar-24	I	31-Dec-26
North GL Stock Water Well	20-Mar-24	I	31-Dec-26
North Platte Valley Project No 3 Cushman Pipeline	20-Mar-24	I	31-Dec-26
Page Land & Cattle Stock Water Well 35	20-Mar-24	I	31-Dec-26
Peralta Ditch Conveyance Pipeline	20-Mar-24	I	31-Dec-26
Port of Entry Livestock Water Development	20-Mar-24	I	31-Dec-26
Raught Ranches Stock Water Well	20-Mar-24	I	31-Dec-26
Ready Livestock Company Spring Development	20-Mar-24	I	31-Dec-26
Roussey No 1 Stock Reservoir	20-Mar-24	I	31-Dec-26
Sage Creek IV Livestock Well	20-Mar-24	I	31-Dec-26
Sandstone Ditch Pipeline	20-Mar-24	I	31-Dec-26
Shepperson Well	20-Mar-24	I	31-Dec-26
Snowbank North Stock Water Pipeline	20-Mar-24	I	31-Dec-26
Snowbank West Stock Water Pipeline	20-Mar-24	I	31-Dec-26
Sonrise Pipeline	20-Mar-24	I	31-Dec-26
South GL Stock Water Well	20-Mar-24	I	31-Dec-26
Stark Place Stock Water Well	20-Mar-24	I	31-Dec-26
Trough Springs Pond 2024	20-Mar-24	I	31-Dec-26
Ute Stock Water Pipeline	20-Mar-24	I	31-Dec-26
Ute Stock Water Well	20-Mar-24	I	31-Dec-26
Van Huele Well & Pipeline	20-Mar-24	I	31-Dec-26
Bar Ranch Irrigation	20-Mar-24	II	31-Dec-26
Bitter Creek Drop - Diversion Structure	20-Mar-24	II	31-Dec-26
Dumpling Diversion Irrigation Improvement	20-Mar-24	II	31-Dec-26
East Dad Pond Rehabilitation & Water Conveyance Improvements	20-Mar-24	II	31-Dec-26
Findley Irrigation Structure	20-Mar-24	II	31-Dec-26
Francs Fork Irrigation Improvement	20-Mar-24	II	31-Dec-26
Graves Land & Livestock Pump & Tank	20-Mar-24	II	31-Dec-26
Greybull Ditch Irrigation Rehabilitation	20-Mar-24	II	31-Dec-26
Johnson Holt Ditch	20-Mar-24	II	31-Dec-26
Keystone Reservoir Rehabilitation	20-Mar-24	II	31-Dec-26
Lava Creek Fish Passage Project - Lower Diversion	20-Mar-24	II	31-Dec-26
Lava Creek Fish Passage Project - Upper Diversion	20-Mar-24	II	31-Dec-26

130. **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:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	168	2015	I	$ 135,000	2018
Level II	150	2020	I	$ 142,000	2023
Level III	180	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, thereby increasing the quality/pressure of the water to both systems, and 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 2024-2025. 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 fall/winter 2026 construction season.

131. PROJECT: Sponsor's Contingency Funds-Accounts I, II and III

LEVEL: III
SPONSOR: Qualifying Level III Sponsors
LOCATION: Statewide
PROGRAM: New Development, Rehabilitation, Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Sponsor's Contingency	105	2006	I	$ 2,000,000	2010
Sponsor's Contingency	68	2010	I	$ 0	2013*
Sponsor's Contingency	14	2012	I	$ 0	2015*
Sponsor's Contingency	167	2015	I	$ 0	2017*
Sponsor's Contingency	75	2017	I	$ 0	2025*
Sponsor's Contingency	55	2019	I	$ 1,000,000	2025†
Sponsor's Contingency	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†
Sponsor's Contingency	99	2024	III	$ 20,000,000	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.

132. PROJECT: State Water Plan

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
State Plan	1	1996	N/A	$ N/A	1996
Aerial Photo	1	1996	I	$ 250,000	1998
State Plan	46	1997	I	$ 250,000	1998
Basin Plan	30	1998	I	$ 250,000	2000
State Water Plan	81	1999	I	$ 1,435,000	2001
State Water Plan	36	2000	I	$ 800,000	2002
State Water Plan	86	2001	I	$ 1,550,000	2003
State Water Plan	125	2003	I	$ 600,000	2006
Framework Water Plan	75	2005	I	$ 500,000	2007
State Water Plan	85	2007	I	$ 600,000	2008
Wind/Bighorn Basin	33	2008	I	$ 500,000	2010
Green River DSS	66	2009	I	$ 250,000	2010
Platte River Basin GW	66	2009	I	$ 250,000	2010
Rec/Env. Study	32	2010	I	$ 75,000	2012
Bear River Basin GW	32	2010	I	$ 175,000	2012
Snake/Salt Basin GW	1	2011	I	$ 250,000	2014
Platte Basin Update	74	2014	I	$ 350,000	2016
Powder/Tongue and Northeast Basin Update	168	2015	I	$ 375,000	2018
Powder/Tongue and Northeast GW	168	2015	I	$ 275,000	2018
Basin Planning: Environmental and Recreational Use Study	38	2016	I	$ 100,000	2019
Bear River Data Model Pilot Study	38	2016	I	$ 120,000	2019
GIS Data Model Implementation	94	2018	I	$ 115,000	2021
NHD Plus HR and StreamStats – Phase I and II	94	2018	I	$ 240,000	2021
Water Supply Index	94	2018	I	$ 170,000	2021
StreamStats – Phase III and IV	105	2019	I	$ 631,000	2022

PROJECT INFORMATION:
In 1996, the Wyoming Legislature directed the Wyoming Water Development Commission (WWDC) and the State Engineer's Office (SEO) to develop a proposal for updating the state's Framework Water Plan. WWDC and the SEO prepared and submitted a proposal for updating the 1973 Framework Water Plan and for establishing a statewide planning process to the Governor and the Select Water Committee in October of 1996. During the 1997 Legislative Session, $250,000 was appropriated from Water Development Account I enabling a feasibility study to determine the costs and methods of implementing a new water planning process. The study concluded that a plan for the seven major river basins should be developed, and that a water planning website should be developed to present the data.

During 1997 and 1998, the WWDC undertook a pilot study in the Bear River Basin to test data collection, information dissemination, and presentation methods. A coordination process was developed to present information on the Statewide Water Planning Process and to obtain input from interested parties. The group of citizens and officials assembled as part of the planning process was named the Basin Advisory Group. The Basin Advisory Group coordination process was implemented in each basin to gain input from individuals, private interest groups, and local, state, and federal agencies.

Following authorization by the 1999 Legislature, the WWDC formally established a River Basin Planning section to implement the Statewide Water Planning Process. The state was divided into seven major river basins for study: Bear, Green, Powder/Tongue, Northeast, Wind/Bighorn, Snake/Salt, and the Platte. The culmination of the seven basin planning efforts led to the development of the Framework Water Plan which aggregates all of the information from each basin plan into one major document. Following the Framework Water Plan, the individual Basin Plans were targeted for updates. It is the intent of River Basin Planning to keep the basin plans updated so the data is current while remaining dynamic to include the study of new issues and gather/develop new pertinent data for the State. In addition to basin plans, there are other studies that were done as part of River Basin planning. These studies are developed where information is required and to focus on more specific issues that basin planning can help to identify and solve.

River Basin Plans are designed to collect large amounts of data and create data summaries where needed. Examples of work products that were created are hydrologic models, irrigated lands mapping, population projections, and current water use and future water use for all categories of users.

In 2018, the WWDO's River Basin Planning efforts were launched in a new direction, to include refining River Basin planning. With that, appropriations were received for three projects: the GIS Data Model Implementation, NHD Plus HR and StreamStats, and the Water Supply Index. Please see the project listing under "Other" for a brief summary of these projects. Following are summaries for each Basin Plan, Groundwater Plan, the Framework Water Plan, and other River Basin planning studies:

Bear River Basin
1999 – Legislature authorized the first Bear River Basin Plan which was completed in 2001.
2010 – Legislature authorized the Bear River Groundwater Study which was completed in 2014.
2012 – A staff planning team from the WWDO, SEO and the University of Wyoming, Water Resources Data System (WRDS) offices completed an update of the Bear River Basin Plan.

Green River Basin
1999 – Legislature authorized the first Green River Basin Plan which was completed in 2001.
2007 – Legislature authorized the Green River Basin Plan Update and the Green River Basin Groundwater Plan. Both were completed in 2010.

Powder/Tongue River Basin
2000 – Legislature authorized the Powder/Tongue River Basin Plan which was completed in 2002.

2015 – Legislature authorized the Powder/Tongue and Northeast River Basin Plan Update (see Powder/Tongue Northeast River Basin Plan Update) and the Powder/Tongue and Northeast and Groundwater Analysis (see Powder/Tongue Northeast Groundwater Analysis).

Northeast River Basin
2000 – Legislature authorized the Northeast River Basin Plan which was completed in 2002.
2015 – Legislature authorized the Powder/Tongue and Northeast River Basin Plan Update (see Powder/Tongue Northeast River Basin Plan Update) and the Powder/Tongue and Northeast and Groundwater Analysis (see Powder/Tongue Northeast Groundwater Analysis).

Wind/Bighorn River Basin
2001 – Legislature authorized the Wind/Bighorn River Basin Plan which was completed in 2003.
2008 – Legislature authorized the Wind/Bighorn River Basin Plan Update and the Groundwater Plan. The Basin plan was completed in 2010, and the groundwater plan was completed in 2011.

Snake/Salt River Basin
2001 – Legislature authorized the Snake/Salt River Basin Plan which was completed in 2003.
2011 – Legislature authorized the Snake/Salt River Basin – Groundwater Analysis. The study was completed in 2014.
2014 – A staff planning team from the WWDO, SEO and the University of Wyoming, Water Resources Data System (WRDS) offices completed an update of the Snake/Salt River Basin Plan.

Platte River Basin
2003 – Legislature authorized the Platte River Basin Plan in 2003 which was completed in 2006.
2009 – Legislature authorized the Platte River Basin Groundwater study which was completed in the spring of 2014.
2014 – Legislature authorized the Platte River Basin Plan Update. (See Platte River Basin Plan Update)

Framework Water Plan
2005 – Legislature authorized the Framework Water Plan. The Plan was initiated in June 2006, and included a summary of the seven River Basin plans and a projection of future demands. The Framework was completed in 2007.

Other
2009 – Legislature authorized the Green River Decision Support System Feasibility Study. This study determined the feasibility for the development of a decision support system (DSS) in the Green River Basin. The DSS consists of extensive databases and water right's allocation, and consumptive use models.
2010 – Legislature authorized the Recreation and Environmental Study. The study assisted the Office in developing methodologies to define environmental and recreational water demands and benefits, and to incorporate this information in the river basin planning. The study was completed in 2011.
2016 – Legislature authorized the Basin Planning: Environmental and Recreational Use Study in the Bear, Green and Wind/Bighorn Basins (see Basin Planning: Environmental and Recreational Use Study) and the Bear River Data Model Pilot Study to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.
2018 – Legislature authorized River Basin Planning - GIS Data Model Implementation, River Basin Planning - NHD Plus HR and StreamStats – Phase I and II and River Basin Planning - Water Supply Index to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.
2019 – Legislature authorized River Basin Planning – StreamStats – Phase III and IV to be performed under the Statewide Water Planning effort. For a detailed description of these projects, please refer to the titles, listed in this report.

133. PROJECT: Statewide Water Research

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	30	1998	I	$ 41,584	2000
Level I	36	2000	I	$ 140,000	2002
Level I	86	2001	II	$ 140,000	2002
Level I	7	2002	I	$ 200,000	2004
Level I	125	2003	I	$ 200,000	2004
Level I	31	2004	I	$ 200,000	2006
Level I	75	2005	I	$ 200,000	2006
Level I	99	2006	I	$ 300,000	2008
Level I	85	2007	I	$ 300,000	2008
Level I	33	2008	I	$ 300,000	2010
Level I	66	2009	I	$ 300,000	2010
Level I	32	2010	I	$ 300,000	2012
Level I	1	2011	I	$ 300,000	2012
Level I	57	2012	I	$ 400,000	2014
Level I	66	2013	I	$ 400,000	2014
Level I	74	2014	I	$ 319,000	2017
Level I	168	2015	I	$ 397,338	2018
Level I	38	2016	I	$ 311,328	2019
Level I	65	2017	I	$ 384,529	2020
Level I	94	2018	I	$ 285,150	2021
Level I	105	2019	I	$ 350,511	2022
Level I	150	2020	I	$ 243,888	2023
Level I	11	2021	I	$ 283,454	2024
Level I	84	2022	I	$ 310,277	2025
Level I	186	2023	I	$ 442,820	2026
Level I	98	2024	I	$ 397,514	2027

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:

- Quantifying nitrogen sources in a headwater catchment from stable isotopes of nitrate: Proof of concept and case study at Brooks Lake, Fremont County, Wyoming

- Sibert Pivot Hydrologic Monitoring of Drought Adaptation Irrigation Management Strategies

- 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

134. **PROJECT:** **Strawberry Canal Master Plan**
LEVEL: I
SPONSOR: Strawberry Canal Company
LOCATION: Lincoln County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	98	2024	II	$ 235,000	2027

PROJECT INFORMATION:
The Strawberry Canal Company requested funding to develop a Level I Master Plan. A comprehensive inventory of the system, assessment of condition of components and prioritized options are needed to keep the system operational. This study will include GIS mapping, water rights research and provide guidance to apply for additional planning and construction funding through WWDC and other programs.

The area represented by the Company is served by infrastructure which is decaying. Accessibility to water varies greatly throughout the system due to headgate and pipeline condition. New housing construction in the area is also presenting challenges for water delivery. The Company has concerns that the lack of long-term rehabilitation planning in combination with the loss of local institutional knowledge will impact access to water and agricultural production in the area.

- The Commission approved the Sponsor as being eligible for a Planning Program irrigation system master plan based on the WWDC Operating Criteria allowing the requirement to be a public entity to be waived for Level I studies. While the Sponsor has initiated the process to become an Irrigation District, the project is on hold and funds from this appropriation will not be expended until the project sponsor has actually formed that public entity per language added to the Omnibus Water Bill – Planning by the Legislative Select Water Committee and passed during the 2024 Legislative Session.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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 examined 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 outlined options for the Canal Company to become a public entity. Work to date has included mapping and assessment of infrastructure, research regarding entity formation, prioritization of improvements, development of conceptual designs, development of a financial plan and delivery of a final report.

Project findings and recommendations are presented below based on survey of the structures and conveyances maintained by the Canal Company. This planning project was closed out in December of 2024.

Pump station and intake structure improvements-The Tillard pump station was identified as the top priority as critical equipment is far beyond life expectancy. Multiple options were considered for the pumps stations which would be compatible with both the open canal or conversion to pipe. The preferred pump station options under consideration by the Canal Company include a ramp for lowering and raising a portable pump into the river ($514,000) or utilization of an intake structure to create a wet well off the river and installing a pump ($832,000). The Canal Company recognized the strengths of the two options and has a preference for the option to create a wet well with a pump.

Distribution system improvements-Piping the current canal was explored to increase hydraulic efficiency, reduce seepage and reduce maintenance. If the system were to be piped, check and drop structures could be eliminated from the system. Canal maintenance and regrading along with replacement of deteriorating checks and turnouts is recommended should Tillard continue to operate as an open canal system.

Public entity formation and eligibility for project funding-This study included exploring options for the Canal Company to become a public entity. Seven types of public entities were initially considered, and those were reduced to the three most fitting: Water Conservancy District, Irrigation District, and Watershed Improvement District. Upon comparison of the Districts, the Company chose to pursue and initiated formation as an Irrigation District. A hearing is scheduled in mid-January of 2025 to finalize the process to become an Irrigation District.

136. PROJECT: Torrington Well Connection 2021

LEVEL: III
SPONSOR: City of Torrington
LOCATION: Goshen County
PROGRAM: New Development

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	105	2019	I	$ 174,000	2022
Level III	12	2021	I	$ 389,270	2026*
Level III	105	2006	I SCF	$ 235,000	2026**

*67% grant
**Sponsors Contingency Funds

PROJECT INFORMATION:
The project is to connect a new well, completed under a WWDC 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, requiring treatment of water before distribution. The City was able to get an ARPA Grant for a Micro Filtration Reverse Osmosis Packaged Treatment Plant. The plant will treat approximately half the water from the source, which will then be mixed with the remaining pumped water prior to entering the City distribution system ensuring compliance with Clean Drinking Water Act requirements. The project was bid and received one bid, which the City was able to negotiate down to an awardable amount, with assistance from Sponsor Contingency Funding. The City has entered into construction contract for the project and a Notice to Proceed has been issued, with construction completion anticipated in the summer of 2025.

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

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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, rehabilitating, 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 2024, the Wardwell Water and Sewer District board voted to dissolve and Bar Nunn owns and operates the water system. In addition, the hydraulic model was refined, including flow testing to help evaluate the water lines and pressure control valves. Preliminary recommendations have been developed and the draft results have been presented at a public meeting. This project is expected to finalize in 2025.

138. **PROJECT:** **West Fork Reservoir (Little Snake Supplemental Storage)**
LEVEL: II
SPONSOR: Savery-Little Snake River Water Conservancy District
LOCATION: Carbon County
PROGRAM: Dams and Reservoirs

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level II	33	2008	III	$ 250,000	2010
Level II	32	2010	III	$ 300,000	2012
Level II	66	2013	III	$ 7,000,000	2016
Level II	66	2013	III	$ (6,220,000)	2016
Level II	65	2017	III	$ 6,220,000	2022
Level III	121	2018	III	$ 4,698,000	2026
Level II	84	2022	III	$ 0	2027*

*Time Extension of 2017 Appropriation

PROJECT INFORMATION:

In 2007, the Savery-Little Snake River Water Conservancy District (District) and the Little Snake River Conservation District requested an appropriation of $15 million for Level III funding to finance construction of a dam and reservoir to provide supplemental late season irrigation water to lands within the Little Snake River Basin. The request was in response to the unmet demand for supplemental irrigation water in the Little Snake River Basin. However, the WWDC recommended a Level II study be initiated instead.

In 2008, the District sponsored the Little Snake River Supplemental Storage Level II feasibility analysis which was carried out to identify location and timing of irrigation shortages, determine purpose and need for storage within the Little Snake River Basin, and to analyze storage alternatives. Considering the shortage reductions resulting from the High Savery Reservoir project, alternatives analysis concentrated on smaller storage sites to further reduce the remaining shortages. The identification and screening of thirteen alternatives clearly indicated that one site, West Fork, was the best alternative from a federal permitting and multiple purpose perspective to serve the needs of the District.

In 2010, additional analysis was undertaken to refine the project to the status necessary to advance to permitting and design. During this time, it was determined that the project was feasible, but it became apparent that the one of the reservoir's major supply tributaries, Haggarty Creek would require additional data collection for the NEPA permitting process to be completed. The West Fork Reservoir site is located approximately 7 miles downstream of the inactive Ferris-Haggarty Mine. This mine has impacted stream ecology for over 100 years by discharging copper laden water to Haggarty Creek. Although copper presented significant challenges for the project to overcome, it also presented opportunities for environmental benefits. Furthermore, as eluded to, from wetland, terrestrial wildlife, fishery, sensitive plant species, and cultural perspectives, erecting a dam on the West Fork site, when compared to other potential sites, exhibited the least adverse environmental impact.

In 2013, an appropriation for $7,000,000 was granted by the Legislature to complete water quality analysis, update hydrologic modeling with temporary stream gauging, procure NEPA liaison services, and complete permitting and final design. Hydrologic modeling has been updated and refined with additional data, resulting in estimated average annual irrigation shortages in the West Fork Reservoir service area of 3,600 acre-feet and much higher in some years. A series of water quality and sediment samples have been collected and analyzed, compared against historic water quality data, as well as discussed at length with 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.

139. PROJECT: Wheatland Tank Replacement 2024

LEVEL: III
SPONSOR: Town of Wheatland
LOCATION: Platte County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level I	11	2021	I	$ 125,000	2024
Level III	75	2017	I	$ 994,950	2022*
Level III	99	2024	II	$ 2,685,500	2029**

*67% Grant
**50% Grant

PROJECT INFORMATION:

The Black Mountain Tank (BMT) is a standpipe style water storage tank with a one-million-gallon capacity. The BMT began leaking significantly presumably due to the freeze and thaw cycles. The leaking became significant, causing the Town of Wheatland to experience excessive water loss and massive ice buildup on the exterior of the tank. Another concern regarding the BMT is water stagnation.

In 2023, the Town of Wheatland requested funding from the Wyoming Water Development Commission (WWDC). However, there was a significant portion of the project request that was not WWDC funding eligible. The WWDC did provide funding in the 2024 legislative session for the eligible portions of the project. The Town of Wheatland sought and was able to secure the additional funding needed through other state agencies.

The WWDC eligible portion of the project includes demolition of the existing tank, and replacement of the tank with a half million-gallon capacity. The reduction in capacity will assist with the water stagnation issues. The new tank will be bid to replace the existing tank in-kind with a bid alternate for a tank that will require less maintenance. The project was bid in the fall of 2024 and is expected to move to construction in the spring of 2025.

140. PROJECT: Willwood Irrigation District Rehabilitation

LEVEL: II
SPONSOR: Willwood Irrigation District
LOCATION: Big Horn & Park Counties
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
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.

In 2024 the study went through a draft report review and comment process. Because this is a Level II study, the final presentation was part of a public hearing conducted by the Office. The hearing was held on September 10th, and recommendations were presented to the Willwood Irrigation District Board of Directors. Several recommendations were presented to the District to be considered over the next several years. Attention should be given to the following recommendations in the near future:

1. Willwood Chute is in a failing condition and should be replaced immediately. The project is a $1.698 million reconstruction of the chute. The District submitted a WWDC Level III application in August. The District has $900 thousand of the Natural Resources Conservation Service,

Environmental Quality Incentive Program funding to be used on this project if it is funded in the 2025 Omnibus Water Bill - Construction.

2. Lateral 70 is in a failing condition. The recommendation is for the Lateral to be piped for an estimated $2.85 million.
3. The Willwood Dam was given a poor condition rating and multiple rehabilitation projects to prolong the life of the dam. Recommended work includes repair to the abutments to prevent seepage; silt removal to allow access to the sluice gates; replacement of all three sluice gates and new appurtenances to make the third sluice gate operable as it has been covered in silt for several years; and repair to the spillway face and apron. If all of the recommended rehabilitation projects were conducted as one project, the overall cost is estimated to be $19.9 million. The rehabilitation projects can be performed as individual, or smaller packaged, projects. There would be extra costs associated to mobilization if improvements were not done as a single project. A desktop analysis was performed to consider the estimated cost of a replacement dam 1.5 miles upstream. That comparative cost was over $48 million.
4. Other projects were identified but were rated as poor to fair and not in as immediate need of rehabilitation or replacement as the projects mentioned above.

This project was closed out at the December 18, 2024 WWDC meeting.

141. **PROJECT:** **Wind River Inter-Tribal Council Rehabilitation 2019**
LEVEL: III
SPONSORS: Eastern Shoshone and/or Northern Arapaho Tribes through the Office of the Tribal Engineer
LOCATION: Fremont County
PROGRAM: Rehabilitation

EXISTING AND PRIOR LEGISLATION:

Purpose	Chapter	Session	Account	Appropriation	Due Date
Level III	55	2019	II	$ 929,000	2024*
Level III	99	2024	II	$ 0	2025**

*50% grant
** Time extension only

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 has bid and awarded the replacement of 10C structure. This project should be complete prior to the 2025 irrigation season and the project closed out prior to July 1 2025.

COMPLETED PROJECT REPORTS

CHAPTER 4 – COMPLETED PROJECT REPORTS

Completed Planning (Level I and II) Projects

If you require information on any of the following reports, please contact WWDO or visit our web site at wwdc.state.wy.us. Many of these reports are available on the web site and can be reviewed or downloaded:

1. Aladdin Water Supply
2. Alpine Master Plan Update
3. Alta Master Plan/Test Well
4. Arapahoe Water Supply
5. Austin and Wall Rehabilitation
6. Austin Wall Canals
7. Austin-Wall Reservoir Rehabilitation
8. Badwater-Poison Creek Watershed Study
9. Basin-Big Horn Canal
10. Basin Planning Environmental and Recreation
11. Basin Planning: Environmental and Recreational Use Study
12. Bear River Data Model Pilot Study
13. Bear River Groundwater Basin Planning
14. Bear River Hydrology Model
15. Bear River Watershed Study
16. Beaver Creek Watershed Study
17. Bedford Water Supply Master Plan
18. Belle Fourche River Watershed Study
19. Bench Canal Company Master Plan
20. Beulah Water Supply
21. Big Horn Canal Rehabilitation
22. Big Horn Regional Groundwater
23. Big Horn Regional Southern Water Supply
24. Big 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. Dowlin Diversion Rehabilitation
87. Dry Creek Irrigation District Master Plan
88. Dubois Regional Water Supply
89. Eden Valley (Farson) Master Plan Level I
90. Eden Valley (Farson) Master Plan Level II
91. Eden Valley Irrigation District Master Plan
92. Eight Mile-High Plains Well
93. Encampment/Sierra Madre Water Supply
94. Enterprise Conservation Program
95. Evanston Water Master Plan
96. Evansville Master Plan
97. Fontenelle Pipeline
98. Fort Laramie Water Supply

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

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

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

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

311. Tensleep Water Supply
312. Thermopolis Master Plan
313. Thermopolis Storage and Raw Water
314. Three Horses Watershed Study
315. Thunder Basin Watershed Studies I and II
316. Torrington Water Master Plan
317. University of Wyoming Irrigation Water Supply
318. Upper Green River Watershed Study
319. Upper Green River Westside Storage
320. Upper Laramie River Watershed Study
321. Upper North Platte Watershed Study
322. Upper Snake River Watershed Study
323. Upper Wind River Storage
324. Upton Water Master Plan
325. Viva Naughton Enlargement
326. Wagner Cherokee Irrigation Rehabilitation
327. Wamsutter Well 2010
328. Washakie County Safety
329. Weather Modification Bighorn, Laramie, Medicine Bow and Sierra Madre Mountains-2016
330. Weather Modification Pilot Program
331. Weather Modification – Salt River and Wyoming Ranges
332. Weather Modification – Wyoming Range
333. West Afton/Nield String Master Plan
334. Westside Irrigation NEPA
335. Wheatland ID Master Plan
336. Wheatland ID System Phase II
337. Wheatland Irrigation District Tunnel Dam Rehabilitation
338. Wheatland Master Plan
339. Wheatland Water Master Plan
340. Willwood Irrigation District Master Plan
341. Willwood ID Rehabilitation, GIS
342. Wind River/Big Horn River Basin Plan Update
343. Wind River Glaciers
344. Worland Area Irrigated Lands GIS
345. Worland Eastside Transmission Line
346. Worland Wells Test
347. Wright Master Plan
348. Yoder Groundwater Project
349. York/South Side Ditch Master Plan

Completed Planning Instream Flow (Level I) Projects

1. Report on the Feasibility of Providing Instream Flow in a Segment of the Clarks Fork Yellowstone River
2. Report on the Feasibility of Providing Instream Flow in a Segment of the Middle Fork Powder River
3. Report on the Feasibility of Providing Instream Flow in Segment Number One of the Tongue River
4. Report on the Feasibility of Providing Instream Flow for Sand Creek
5. Report on the Feasibility of Providing Instream Flow in Segment Number One of Tensleep Creek

6. Report on the Feasibility of Providing Instream Flow in a Segment Number One of the Green River
7. Report on the Feasibility of Providing Instream Flow in New Fork River Instream Flow Segment No. 1
8. Report on the Feasibility of Providing Instream Flow in the Laramie River Instream Flow Segment No. 1
9. Report on the Feasibility of Providing Instream Flow in the Little Bighorn River Flow Segment No. 1 Temporary Filing No. 26 5/339
10. Report on the Feasibility of Providing Instream Flow in the North Cottonwood Creek Instream Flow Segment No. 1 Temporary Filing No. 26 4/388
11. Report on the Feasibility of Providing Instream Flow in the South Fork Grand Encampment River Flow Segment No. 1 Temporary Filing No. 26 5/399
12. Report on the Feasibility of Providing Instream Flow in the South Cottonwood Creek Instream Flow Segment No. 1 Temporary Filing No. 26 6/383
13. Report on the Feasibility of Providing Instream Flow in the Big Wind River - - Instream Flow Segment No. 1 Temporary Filing No. 26 5/341
14. Final Report Little Snake River Instream Flow Study Project
15. Final Report on the Feasibility of Providing Instream Flows in the Douglas Creek Drainage
16. Final Report on the Feasibility of Providing Instream Flows in the North Platte River
17. Report on the Feasibility of Providing Instream Flow in the Fish Creek Instream Flow Segment No. 1 Temporary Filing No. 27 2/186
18. Report on the Feasibility of Providing Instream Flow in the La Barge Creek Instream Flow Segment No. 1 Temporary Filing No. 27 3/146
19. Report on the Feasibility of Providing Instream Flow in the Middle Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 6/185
20. Report on the Feasibility of Providing Instream Flow in the North Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 5/185
21. Report on the Feasibility of Providing Instream Flow in the South Piney Creek Instream Flow Segment No. 1 Temporary Filing No. 27 1/186
22. Feasibility of Providing Deer Creek Instream Flows in Segment No. 1 - Deer Creek Canyon Temporary Filing No. 27/3/185
23. Report on the Feasibility of Providing Instream Flow in Segments 1 and 2 of Shell Creek
24. Report on the Feasibility of Providing Instream Flow in Segment 1 of the Sweetwater River
25. Report on the Feasibility of Providing Instream Flow in Grey's River Instream Flow Segment No. 1 Temporary Filing No. 28 2/159
26. Report on the Feasibility of Providing Instream Flow in Fish Creek Instream Flow Segment No. 1 and No. 2 Temporary Filing No. 28 4/158 and No. 28 5/158
27. Report on the Feasibility of Providing Instream Flow in Salt River Instream Flow Segment No. 1 Temporary Filing No. 28 3/80
28. Report on the Feasibility of Providing Instream Flow in East Fork Smiths Fork Creek Instream Flow Segment No. 1 Temporary Filing No. 28 2/84
29. Final Report of the Savery Area Instream Flow Study
30. Report on the Feasibility of Providing Instream Flow in the Salt Creek/Thomas Fork Drainage for Water Canyon; Giraffe Creek; Coal Creek; Raymond Creek; Salt Creek; Huff Creek
31. Final Report on the Feasibility of Providing Instream Flow in the Little Popo Agie River Instream Flow Segment No. 1 Temporary Filing No. 28 3/159
32. Report on the Feasibility of Providing Instream Flow in the Medicine Lodge Creek Instream Flow Segment No. 1 Temporary Filing No. 27 2/146
33. Report on the Feasibility of Providing Instream Flow in the Salt Creek/Thomas Fork Drainage for Packstring Creek Segment; Little White Creek Segment
34. Report on the Feasibility of Providing Instream Flow in the Smiths Fork Drainage for Smiths Fork; Porcupine Creek; Hobble Creek; Coantag Creek; Coal Creek; Poker Hollow Creek; Lander Creek; Trespass Creek; North Fork Smiths Fork River

35. Report on the Feasibility of Providing Instream Flow in the Hams Fork Instream Flow Segment No. 1 Temporary Filing No. 26 2/332
36. Report on the Green River Tibutaries #2 Instream Flow for Gilbert Creek; Little Gilbert Creek; Sage Creek; Currant Creek; Trout Creek; Red Creek
37. Reports on the Feasibility of Providing Instream Flow in Pine Creek (at Pinedale) Direct Flow Instream Flow Filing No. 31 4/105 Secondary Storage Instream Flow Filing No. 31 5/70 (From Permit Nos. 4452R, 4453R & 4465R)
38. Report on the Instream Flow Feasibility for Dry Fork Tributary of the Little Big Horn Creek Segment
39. Report on the Instream Flow Feasibility for Wagonhound Creek
40. Report on the Instream Flow Feasibility for Clear Creek - Segment #1; Clear Creek - Segment #2
41. Reports on the Feasibility of Providing Instream Flows on Greybull River Tributaries
42. Reports on the Feasibility of Providing Instream Flows on Wood River Tributaries
43. Rock Creek Instream Flow Study, Rock Creek Instream Flow, TFN 33 1/276
44. Marquette Creek and Trout Creek Instream Flow, Level I Study, Marquette Creek Instream Flow, TFN 33 5/275; Trout Creek Instream Flow, TFN 33 6/275
45. East Fork Wind River Area Instream Flows, Level I Study
46. Greys-Hoback Basin Instream Flows, Level I Study
47. Muddy Creek Basin Instream Flows, Level I Study
48. Bighorn and Nowood Basins Instream Flows, Level I Study
49. Shoshone River Instream Flow Hydrologic Study (Technical Memorandum)
50. Savery Creek Instream Flow Feasibility Study (Report)
51. Bighorn Mountains Instream Flows, Level I Study
52. Sunlight Basin Instream Flows, Level I Study
53. Upper Wind River Instream Flows 2019
54. Rock Creek & Trail Ridge Creek Instream Flows 2020

Completed Construction (Level III) Projects

1. PROJECT: **33 Mile Pump Station**
SPONSOR: 33 Mile Road Improvement & Service District
LOCATION: Natrona County
PROGRAM: New Development
APPROPRIATION: $139,695
ACTUAL EXPENDITURES: $129,827
DESCRIPTION: Construction of a booster pump station near the intersection of 33 Mile Road and Enberg Road to alleviate low water pressures being experienced by the residents.
ENGINEER: Civil Engineering Professionals, Inc., Casper, WY
CONTRACTOR: Wayne Coleman Construction, Inc., Casper, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2011

2. PROJECT: **Afton Springs Water Supply**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $450,000
ACTUAL EXPENDITURES: $450,000
DESCRIPTION: Renovation of Periodic Springs intake and pipeline to protect from rock fall
ENGINEER: BRS, Inc., Riverton, WY
CONTRACTOR: Roberts Construction, Evanston, WY
Kilroy and Company, Alpine, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 2000

3. PROJECT: **Afton Water Supply**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $2,600,000
ACTUAL EXPENDITURES: $2,518,911
DESCRIPTION: Spring renovation, pipeline, storage tank, well
ENGINEER: Sunrise Engineering, Afton, WY
CONTRACTOR: Kilroy Construction, Alpine, WY
Snyder Construction, Lyman, WY
AG SERVICES, Inc., Blackfoot, ID
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1991

4. PROJECT: **Afton Well**
SPONSOR: Town of Afton
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $250,000
ACTUAL EXPENDITURES: $250,000
DESCRIPTION: Well house, meter, well controls and pipeline

ENGINEER	Sunrise Engineering, Afton, WY
CONTRACTOR:	Johnson Excavation, Inc., Inkom, ID
YEAR COMPLETED:	2008
SESSION LAW YEAR:	2006

5. 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

6. 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

7. 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

8. 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

9.	**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 Adobe Check Structure 2022
SPONSOR: Big Horn Canal Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $154,100.00
ACTUAL EXPENDITURES: $132,197.28

DESCRIPTION: Replacement of the failing Adobe Creek Check Structure on the Big Horn Canal.
ENGINEER: Sage Civil Engineering
CONTRACTOR: McClellan & MacQueen
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2022

30. 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

31. 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

32. 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

33. 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

34. 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

35. PROJECT: Big Horn Canal Underway
SPONSOR: Big Horn Regional Joint Powers Board
LOCATION: Big Horn and Washakie Counties
PROGRAM: Rehabilitation
APPROPRIATION: $175,000
$ 30,150*
ACTUAL EXPENDITURES: $141,556*
DESCRIPTION: Replace underway in Big Horn Canal
ENGINEER: Sage Civil Engineering, Cody, WY
CONTRACTOR: Dale Weaver Wyoming, LLC, Powell, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015
*$30,150 grant from Sponsor's Contingency Fund, Account II, 2017 with $24,306 expended

36. 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

37. 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
38.	**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
39.	**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
40.	**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
41.	**PROJECT:**	**Big Piney Water Supply Project**
	SPONSOR:	Town of Big Piney
	LOCATION:	Sublette County
	PROGRAM:	New Development
	APPROPRIATION:	$512,500
	ACTUAL EXPENDITURES:	$492,866
	DESCRIPTION:	Storage tank, transmission pipeline, metering station
	ENGINEER:	Rendezvous, Engineering; Jackson, WY
	CONTRACTOR:	Transmission line – Rice-Kilroy Construction, Dubois, WY Storage tank – Caldwell Tanks, Inc., Louisville, KY Controls – PFIX Controls, Alabaster, AL Meter Building – Moose Valley Construction, Big Piney, WY

YEAR COMPLETED: 2008
SESSION LAW YEAR: 2003, 2005

42. PROJECT: Big Sandy Reservoir Enlargement
SPONSOR: Eden Valley Irrigation and Drainage District
LOCATION: Sublette and Sweetwater Counties
PROGRAM: Dams and Reservoirs
APPROPRIATION: $21,246,978 (Colorado River Basin MOA)
ACTUAL EXPENDITURES: $21,246,978
DESCRIPTION: Modification and raising of Big Sandy Dam
ENGINEER: Bureau of Reclamation
CONTRACTOR: EWS-RSCI
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2016 (Colorado River Basin MOA)

43. 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

44. 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

45. 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

46. 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

47. 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

48. 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

49. 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

50. 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

51. 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

52. 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

53. 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

54. 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

55. 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

56. 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

57. 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

58. 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

59. 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

60. 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

61. 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

62. 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

63. 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

64. 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

65. 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

66. 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

67. 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

68. 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

69. 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

70. 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

71. 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

72. 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

73. 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

74. 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

75. 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

76. 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

77. 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

78. 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

79. 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

80. 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

81. 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

82. 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

83. 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

84. 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

85. PROJECT: Casper Zone II
SPONSOR: City of Casper
LOCATION: Natrona County
PROGRAM: New Construction
APPROPRIATION: $3,188,000
ACTUAL EXPENDITURES: $1,366,401
DESCRIPTION: This project was constructed in two phases. The first phase consisted of a transmission pipeline that was installed as part of the 21st street extension. The second phase was the construction of the remainder of the transmission pipeline and water storage tank east of Casper.
ENGINEER: Civil Engineering Professionals, Inc.
CONTRACTORS: JTL Group, Cheyenne, WY
Hedquist Construction, Inc., Casper, WY
YEAR COMPLETED: 2007
SESSION LAW YEAR: 2002

86. 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

87. 8PROJECT: 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

88. 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

89. 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

90. 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

91. 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

92. 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

93. 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

94. 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

95. 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

96. 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

97. 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

98. 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

99. 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

100. **PROJECT:** **Cheyenne Southern Pipeline**

SPONSOR:	City of Cheyenne – Board of Public Utilities
LOCATION:	Laramie County
PROGRAM:	New Development
APPROPRIATION:	$18,291,000
ACTUAL EXPENDITURES:	$16,467,137
DESCRIPTION:	Transmission
ENGINEER:	Burns and McDonell
CONTRACTOR:	Garney Construction
YEAR COMPLETED:	2013
SESSION LAW YEAR:	2015

101. **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

102. **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

103. **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

104. 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

105. 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

106. 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

107. 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
108.	**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
109.	**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
110.	**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
111.	**PROJECT:**	**Cloud Seeding Medicine Bow and Sierra Madre Mountain Ranges 2023 (Aerial)**
	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:	$ 823,490.00 (State of Wyoming + Admin)

ACTUAL EXPENDITURES: $ 811,224.10 ($716,703.85 WY; $94,520.25 External)
DESCRIPTION: Operational cloud seeding – Winter '22-23
CONTRACTOR: Weather Modification, Inc., Fargo, ND
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2022

112. 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

113. 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

114. PROJECT: Cloud Seeding Wind River and Sierra Madre Mountain Ranges 2023 (Ground-Based)
SPONSOR: State of Wyoming
FUNDING PARTNERS: Central Arizona Project, Colorado River Board of California – Six Agency Committee, Southern Nevada Water Authority, Rocky Mountain Power, Green River/Rock Springs/Sweetwater Co. Joint Powers Water Board.
LOCATION: Wind River and Sierra Madre Mountain Ranges, Carbon, Fremont and Sublette Counties
PROGRAM: New Development
APPROPRIATION: $ 316,000.00 (State of Wyoming + Admin)
ACTUAL EXPENDITURES: $714,336.40 ($264,304.45 WY; $450,031.95 External)
DESCRIPTION: Operational cloud seeding – Winter '22-23
CONTRACTOR: Weather Modification, Inc., Fargo, ND
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2022

115. 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
116.	**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
117.	**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
118.	**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

119. 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

120. 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

121. 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

122. PROJECT: **Cody Canal Rehabilitation 2019**

SPONSOR:	Cody Canal Irrigation District
LOCATION:	Park County
PROGRAM:	Rehabilitation
APPROPRIATION:	$ 344,000.00
ACTUAL EXPENDITURES:	$ 75,869.50
DESCRIPTION:	The project was to convert the Buchanan and Frost laterals from open ditch to piped sections. Materials only.
ENGINEER:	Engineering Associates
CONTRACTOR:	Ferguson Waterworks
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2019

123. 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

124. 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

125. 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

126. 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

127. 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
128.	**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
129.	**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
130.	**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
131.	**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

132. 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

133. 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

134. 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

135. 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

136. 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

137. 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

138. 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

139. 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

140. 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

141. 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

142. 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

143. 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

144. 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

145. 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

146. 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

147. 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

148. 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

149. 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

150. 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

151. 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

152. PROJECT: Dry Creek ID Transmission Pipeline Replacement 2020
SPONSOR: Dry Creek Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $ 1,340,000.00
ACTUAL EXPENDITURES: $ 897,800.00
DESCRIPTION: This project is to replace 8,780 linear feet of pipe associated with the LS-2 and LS-2B segments.
ENGINEER: Sunrise Engineering, Inc.
CONTRACTOR: VanDeburg Excavation Inc.
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2020

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

155. PROJECT: Dubois SCADA
SPONSOR: Town of Dubois
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $45,000
ACTUAL EXPENDITURES: $45,000
DESCRIPTION: New Telemetry System
ENGINEER: Stetson Engineering, Gillette, WY
CONTRACTOR: Electrical Experts, Dubois, WY
YEAR COMPLETED: 2005
SESSION LAW YEAR: 2004

156. PROJECT: Dubois Water Supply
SPONSOR: Town of Dubois
LOCATION: Fremont County
PROGRAM: New Development
APPROPRIATION: $90,000
ACTUAL EXPENDITURES: $83,108
DESCRIPTION: Pump Station
ENGINEER: Nelson Engineering, Jackson, WY
CONTRACTOR: Wilkinson Construction, Dubois, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1992

157. PROJECT: Dubois Water Supply
LEVEL: III
SPONSOR: Town of Dubois
LOCATION: Fremont
PROGRAM: New Development
APPROPRIATION: $2,157,000
ACTUAL EXPENDITURES: $1,780,154
DESCRIPTION: Well and Transmission Line
ENGINEER: Stetson, Riverton WY
CONTRACTOR: 71 Construction, Riverton WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2009, 2010

158. PROJECT: Dubois Well Acquisition
SPONSOR: Town of Dubois
LOCATION: Fremont
PROGRAM: New Development
APPROPRIATION: $0
ACTUAL EXPENDITURES: $7,429
DESCRIPTION: Purchase of a Level II well (33% of actual well construction costs) from the WWDC.
ENGINEER: None
CONTRACTOR: None
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2016

159. 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

160. 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

161. PROJECT: **Eastern Shoshone Boulder Flats Well Field**

SPONSOR:	Eastern Shoshone Tribe & Shoshone Utilities Organization (SUO)
LOCATION:	Fremont County
PROGRAM:	New Development
APPROPRIATION:	$804,000
ACTUAL EXPENDITURES:	$763,072
DESCRIPTION:	Design and construction of a well field, pumping facilities, pipeline
ENGINEER:	HDR, Inc., Lander, WY
CONTRACTOR:	Bornhoft Construction, Inc., Riverton, WY
YEAR COMPLETED:	2019
SESSION LAW YEAR:	2014

162. PROJECT: **Eden Valley Farson Project**

SPONSOR:	Eden Valley Irrigation and Drainage District
LOCATION:	Sweetwater County
PROGRAM:	Rehabilitation
APPROPRIATION:	$3,276,000
ACTUAL EXPENDITURES:	$2,839,862
DESCRIPTION:	Canal to Pipeline conversion
ENGINEER:	JUB Engineers, Kaysville, UT
CONTRACTOR:	Searle Bros, Rock Springs, WY
YEAR COMPLETED:	2020
SESSION LAW YEAR:	2013/15/16/19

163. PROJECT: **Eden Valley Irrigation District Rehabilitation–Phase I**

SPONSOR:	Eden Valley Irrigation and Drainage District
LOCATION:	Sweetwater County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,508,000
ACTUAL EXPENDITURES:	$1,460,402
DESCRIPTION:	Laterals E-19 and E-25 diversion structures and HDPE pipeline replacement of 50,500 l.f. open lateral ditches
ENGINEER:	NRCS; Riverton, WY, Nelson Engineering; Jackson, WY
CONTRACTOR:	Johansen Construction, Mt. Pleasant, UT
YEAR COMPLETED:	2010
SESSION LAW YEAR:	2005

164. PROJECT: **Eden Valley Rehabilitation 2009**

SPONSOR:	Eden Valley Irrigation and Drainage District
LOCATION:	Sweetwater
PROGRAM:	Rehabilitation
APPROPRIATION:	$7,907,000.00
ACTUAL EXPENDITURES:	$7,543,516.76
DESCRIPTION:	Construction of irrigation canal conversion from ditch to pipe
ENGINEER:	JUB Engineers., Kaysville, UT
CONTRACTOR:	Knife River, Casper, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2009, 2013

165. 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

166. 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

167. 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

168. 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

169. 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

170. 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

171. **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

172. **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

173. **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

174. **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

175. **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

176. 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

177. 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.

178. 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

179. 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

180. 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

181. 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

182. 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

183. 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

184. 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

185. 1PROJECT: 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

186. 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

187. 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

188. 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

189. 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

190. 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

191. 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

192. 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

193. 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

194. 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

195. 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

196. 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

197. 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

198. 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

199. 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

200. 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

201. 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

202. 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

203. 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

204. 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

205. 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

206. 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

207. 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

208. 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

209. 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

210. PROJECT: **Glenrock Well**

LEVEL:	III
SPONSOR:	Town of Glenrock
LOCATION:	Converse County
PROGRAM:	New Development
APPROPRIATION:	$ 700,000
ACTUAL EXPENDITURES:	$ 614,137
DESCRIPTION:	Connect new well to system
ENGINEER:	CEP, Casper WY
CONTRACTOR:	High Plains, Casper WY
YEAR COMPLETED:	2011
SESSION LAW YEAR:	2008, 2009

211. PROJECT: **Gooseberry Rehabilitation**

LEVEL:	III
SPONSOR:	Gooseberry Creek Irrigation District
LOCATION:	Washakie County
PROGRAM:	Rehabilitation
APPROPRIATION:	$1,260,000
ACTUAL EXPENDITURES:	$1,207,767
DESCRIPTION:	Rehabilitation of headgates and diversion structures
ENGINEER:	Lidstone and Associates, Fort Collins CO
CONTRACTOR:	COP Wyoming, LLC, Sheridan WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2008, 2010

212. PROJECT: **Goshen Canal Improvements**

SPONSOR:	Goshen Irrigation District
LOCATION:	Goshen County

PROGRAM: Rehabilitation
APPROPRIATION: $24,500
ACTUAL EXPENDITURES: $24,303
DESCRIPTION: Automate three canal spillway gates
ENGINEER: Lidstone & Anderson, Fort Collins, CO
CONTRACTOR: Sutron Corporation, Sterling, VA
YEAR COMPLETED: 1996
SESSION LAW YEAR: 1993

213. PROJECT: Goshen ID 29.4 Pipeline Project Phase II 2022
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $405,000
ACTUAL EXPENDITURES: $405,000
DESCRIPTION: The project replaced 3,500 linear feet of 30" concrete tile with 30" PVC pipe. 100% Materials only project.
ENGINEER: BenchMark of Torrington, P.C.
CONTRACTOR: Ferguson Waterworks
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2022

214. PROJECT: Goshen ID 56.0 Pipeline Project Phase I 2023
SPONSOR: Goshen Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $149,600.00
ACTUAL EXPENDITURES: $89,945.84
DESCRIPTION: The project replaced 1,420-feet of 18-inch and 780-feet of 15-inch diameter concrete tile with 18-inch and 15-inch diameter PVC pipe.
ENGINEER: BenchMark of Torrington, P.C.
CONTRACTOR: Lanphier, Inc.
YEAR COMPLETED: 2024
SESSION LAW YEAR: 2023

215. PROJECT: Goshen Irrigation District Check Structure 2018
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

216. 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

217. 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

218. 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

219. 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

220. 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
221.	**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
222.	**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
223.	**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

224. 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

225. 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

226. 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

227. 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

228. 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

229. 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

230. 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

231. 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

232. 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

233. 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

234. 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

235. 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

236. 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

237. PROJECT: Guernsey Water Supply
SPONSOR: Town of Guernsey
LOCATION: Goshen County
PROGRAM: New Development
APPROPRIATION: $550,000
ACTUAL EXPENDITURES: $511,995
DESCRIPTION: Construction of a new well and a supply pipeline
ENGINEER: TST Engineering, Denver, CO
Weston Engineering, Laramie WY
CONTRACTOR: D. C. Drilling, Wheatland, WY
High Plains Construction, Casper, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1996

238. 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

239. 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

240. 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

241. PROJECT: Hanover Irrigation
SPONSOR: Hanover Irrigation District
LOCATION: Washakie County
PROGRAM: Rehabilitation
APPROPRIATION: $600,000
ACTUAL EXPENDITURES: $600,000
DESCRIPTION: Moss catcher and structure
ENGINEER: Crank Companies, Inc., Kemmerer, WY
CONTRACTOR: R-D Construction, Casper, WY
Magic Valley Heliac, Twin Falls, ID
YEAR COMPLETED: 1992
SESSION LAW YEAR: 1990

242. 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

243. 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

244. 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

245. 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

246. 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

247. 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

248. 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

249. 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

250. 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

251. 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

252. 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

253. 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

254. 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

255. PROJECT: Highline Ditch Rehabilitation
SPONSOR: Highline Irrigation District
LOCATION: Sheridan County
PROGRAM: Rehabilitation
APPROPRIATION: $260,000
ACTUAL EXPENDITURES: $231,560
DESCRIPTION: Diversion dam, pipeline
ENGINEER: Engineering, Inc., Sheridan, WY
CONTRACTOR: Fletcher Construction, Sheridan, WY
YEAR COMPLETED: 1990
SESSION LAW DATE: 1988

256. PROJECT: Highline Irrigation Ditch Rehabilitation
SPONSOR: Highline Watershed Improvement District

LOCATION: Carbon County
PROGRAM: Rehabilitation
APPROPRIATION: $726,000
ACTUAL EXPENDITURES: $726,000
DESCRIPTION: Ditch erosion control and renovation
ENGINEER: PMPC, Inc., Saratoga, WY
CONTRACTOR: A & D Dozers, Inc., Rawlins, WY
YEAR COMPLETED: 2002
SESSION LAW YEAR: 2000

257. PROJECT: High Savery Dam and Reservoir
SPONSOR: The State of Wyoming
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $33,800,000
ACTUAL EXPENDITURES: $31,527,606
DESCRIPTION: Dam and reservoir
ENGINEER: States West Water Resources Corporation, Cheyenne, WY
CONTRACTOR: Ames Construction, Inc., Denver, CO
YEAR COMPLETED: 2004
SESSION LAW YEAR: 1988, 1989, 1993, 2001

258. PROJECT: Hill Irrigation District - Guernsey Spillway Rehabilitation
SPONSOR: Hill Irrigation District
LOCATION: Goshen County
PROGRAM: Rehabilitation
APPROPRIATION: $36,850.00
ACTUAL EXPENDITURES: $28,382.79
DESCRIPTION: Design and construction of replacement spillway gates
ENGINEER: Bureau of Reclamation
CONTRACTOR: Lillard and Clark Construction Company, Inc., Denver, CO
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2015

259. 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

260. 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

261. 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

262. 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

263. 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

264. **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

265. **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

266. **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

267. **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

268. **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

269. **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

270. **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

271. **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

272. **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
273.	**PROJECT:**	**Jeffrey City Water System Improvements**
	SPONSOR:	Jeffrey City Water & Sewer District
	LOCATION:	Freemont County
	PROGRAM:	New Development
	APPROPRIATION:	$418,750
	ACTUAL EXPENDITURES:	$352,526
	DESCRIPTION:	Well improvements, new well, storage tanks, piping and appurtenances
	ENGINEER:	609 Consulting, Casper, WY
	CONTRACTOR:	Atnip Construction, Cody, WY High Plains Construction, Casper, WY
	YEAR COMPLETED:	2018
	SESSION LAW YEAR:	2013
274.	**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
275.	**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

276. **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

277. **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

278. **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

279. **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

280. **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

281. 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

282. 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

283. 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

284. 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.

285. 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

286. 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

287. PROJECT: Lake Hattie Dam
SPONSOR: Pioneer Canal-Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $840,000.00
$282,000.00 (Sponsor's Contingency Fund, 2012)
ACTUAL EXPENDITURES: $1,083,172.21
DESCRIPTION: Replace outlet valves and reline outlet pipes.
ENGINEER: DOWL-HKM, Laramie WY
CONTRACTOR: Hamaker Excavation, Inc., Laramie WY
YEAR COMPLETED: 2015
SESSION LAW YEAR: 2010
*Includes $282,000 Sponsor's Inflation Fund, Account II, 2013

288. 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

289. 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

290. 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

291. 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

292. 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

293. 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

294. 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

295. 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

296. 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.

297. 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

298. 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

299. 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

300. 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

301. 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
302.	**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
303.	**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
304.	**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
305.	**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
306.	**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
307.	**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
308.	**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

309. 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

310. 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

311. 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

312. 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

313. 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).

314. 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

315. 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

316. 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

317. 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

318. 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

319. 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

320. 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

321. 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

322. 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

323. 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

324. PROJECT: Little Snake River Small Dams & Reservoirs
SPONSOR: Little Snake River Conservation District
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $265,000
ACTUAL EXPENDITURES: $265,000
DESCRIPTION: Construction of two small dams and reservoirs
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Willies Dirt Service, Wamsutter, WY
YEAR COMPLETED: 2001
SESSION LAW YEAR: 1999, 2001

325. PROJECT: Little Snake River Small Dams & Reservoirs
SPONSOR: Little Snake River Conservation District
LOCATION: Carbon County
PROGRAM: New Development
APPROPRIATION: $852,000
ACTUAL EXPENDITURES: $846,156
DESCRIPTION: Construction of four small dams and reservoirs
ENGINEER: Sponsor, Baggs, WY
CONTRACTOR: Willies Dirt Service, Wamsutter, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 1999, 2001, 2006, 2008

326. PROJECT: Lovell Canal Rehabilitation 2014
SPONSOR: Lovell Irrigation District

LOCATION: Park and Big Horn Counties
PROGRAM: Rehabilitation
APPROPRIATION: $889,000
ACTUAL EXPENDITURES: $613,158
DESCRIPTION: Pipe Phase IV of Bench Lateral
ENGINEER: Pryor Mountain Engineering, Cowley, WY
MATERIALS: Big Horn Truck & Equipment, Manderson, WY
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2014

327. PROJECT: Lovell Irrigation District Rehabilitation
SPONSOR: Lovell Irrigation District
LOCATION: Big Horn County
PROGRAM: Rehabilitation
APPROPRIATION: $820,000
ACTUAL EXPENDITURES: $749,958
DESCRIPTION: Canal Repairs
ENGINEER: Soil Conservation Service; Casper, WY
CONTRACTOR: Nichols & Lewis, Inc.; Lovell, WY
C. A. Wilson Construction Company, Cowley, WY
Jerry's Irrigation and Drainage, Inc., Powell, WY
Dale Weaver, Inc., Worland, WY
YEAR COMPLETED: 1990
SESSION LAW DATE: 1985

328. 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

329. 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

330. 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

331. 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

332. 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

333. 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

334. 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

335. 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

336. 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

337. 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

338. 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

339. 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

340. 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

341. 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

342. 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

343.	**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

344.	**PROJECT:**	**Means Water Supply**
	SPONSOR:	Means First Extension W&S District
	LOCATION:	Campbell County
	PROGRAM:	New Development
	APPROPRIATION:	$225,000
	ACTUAL EXPENDITURES:	$212,253
	DESCRIPTION:	Pump station improvements, storage tank, and transmission pipeline
	ENGINEER:	Bruce Engineering Services, Gillette, WY
	CONTRACTOR:	DRM, Inc., Gillette, WY
	YEAR COMPLETED:	1996
	SESSION LAW YEAR:	1994

345.	**PROJECT:**	**Medicine Bow Transmission Pipeline**
	SPONSOR:	Town of Medicine Bow
	LOCATION:	Carbon County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$1,052,000
	ACTUAL EXPENDITURES:	$959,502
	DESCRIPTION:	Transmission pipeline construction
	ENGINEER:	Sunrise Engineering, Cheyenne, WY
	CONTRACTOR:	Redpoint Contracting, Phoenix, AZ
	YEAR COMPLETED:	2015
	SESSION LAW YEAR:	2014

346.	**PROJECT:**	**Meeteetse Storage Tank Rehabilitation**
	SPONSOR:	Town of Meeteetse
	LOCATION:	Park County
	PROGRAM:	Rehabilitation
	APPROPRIATION:	$125,000
	ACTUAL EXPENDITURES:	$104,831
	DESCRIPTION:	Repainting of an existing potable water storage tank.
	ENGINEER:	James Gores and Associates, Riverton, WY
	CONTRACTOR:	Eastern Colorado Builders, Inc.; Colorado Springs, CO
	YEAR COMPLETED:	2006
	SESSION LAW YEAR:	2005

347. PROJECT: **Meeteetse Tank/SCADA/Retrofit**

SPONSOR:	Town of Meeteetse
LOCATION:	Park County
PROGRAM:	New Development
APPROPRIATION:	$93,800
ACTUAL EXPENDITURES:	$93,799
DESCRIPTION:	Upgrade main tank vault and modernize SCADA system
ENGINEER:	James Gores and Associates, Inc., Riverton, WY
CONTRACTOR:	Dale Weaver Wyoming, LLC, Powell, WY
YEAR COMPLETED:	2018
SESSION LAW YEAR:	2016

348. 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

349. 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

350. PROJECT: **Midvale Canal Rehabilitation**

SPONSOR:	Midvale Irrigation District
LOCATION:	Fremont County
PROGRAM:	Rehabilitation
APPROPRIATION:	$230,000
ACTUAL EXPENDITURES:	$165,890
DESCRIPTION:	Wyoming Canal 2nd Division Drop Structure Replacement
ENGINEER:	APEX Surveying, Riverton, WY
MATERIALS:	Cretex Concrete Products, Casper WY Pacific Steel & Recycling, Mills WY
YEAR COMPLETED:	2012
SESSION LAW YEAR:	2007

351. 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

352. 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

353. 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

354. 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

355. 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

356. 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

357. 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

358. 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

359. 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

360. 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

361. 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

362. 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

363. 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

364. 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

365. 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

366. 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

367. 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

368. 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

369. 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

370. 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
371.	**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
372.	**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
373.	**PROJECT:**	**Newcastle Water System Improvements 2020**
	SPONSOR:	Town of Newcastle
	LOCATION:	Weston County
	PROGRAM:	New Development
	APPROPRIATION:	$113,900.00
	ACTUAL EXPENDITURES:	$0.00
	DESCRIPTION:	The design and construction of pumping facility upgrades and appurtenances necessary to make the project function in the manner intended. Project canceled by Sponsor due to inflation costs.
	ENGINEER:	Engineering Associates
	CONTRACTOR:	N/A
	YEAR COMPLETED:	N/A – Canceled in 2024
	SESSION LAW YEAR:	2020
374.	**PROJECT:**	**Newcastle Well 2018**
	SPONSOR:	Town of Newcastle
	LOCATION:	Weston County
	PROGRAM:	New Development
	APPROPRIATION:	$495,800.00
	ACTUAL EXPENDITURES:	$422,176.88

DESCRIPTION: The design and construction of well improvements, transmission pipelines, and appurtenances necessary to make the project function in the manner intended
ENGINEER: Engineering Associates
CONTRACTOR: DRM Inc.
YEAR COMPLETED: 2023
SESSION LAW YEAR: 2018

375. 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

376. 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

377. 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

378. 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

379. 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

380. 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

381. 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

382. 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

383. 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

384. 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

385. 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

386. 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

387. 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

388. 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

389. 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

390. 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

391. 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

392. 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

393. 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

394. 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

395. 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

396. 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

397. 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

398. 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

399. 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

400. 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

401. 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

402. 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

403. 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

404. 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

405. 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

406. 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

407. 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

408. 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

409. PROJECT: **Pinedale Transmission Line**
SPONSOR: Town of Pinedale
LOCATION: Sublette County
PROGRAM: New Development
APPROPRIATION: $3,550,000
ACTUAL EXPENDITURES: $2,980,351
DESCRIPTION: Transmission pipeline
ENGINEER: Rio Verde Engineering, Pinedale, WY
CONTRACTOR: Snyder Construction, Inc., Lyman, WY
YEAR COMPLETED: 1999
SESSION LAW YEAR: 1996

410. PROJECT: **Pineview Tank and Booster Pump 2017**
SPONSOR: Pineview Improvement and Service District
LOCATION: Campbell County
PROGRAM: New Development
APPROPRIATION: $563,500
ACTUAL EXPENDITURES: $516,934.01
DESCRIPTION: Water storage tank and booster pump station
ENGINEER: DOWL, Sheridan, WY
CONTRACTOR: JR Civil, LLC, Sheridan, WY
YEAR COMPLETED: 2021
SESSION LAW YEAR: 2017

411. PROJECT: **Piney & Cruse Canal Piping Project**
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

412. PROJECT: Pioneer Canal/Lake Hattie Loan
SPONSOR: Pioneer Canal-Lake Hattie Irrigation District
LOCATION: Albany County
PROGRAM: Rehabilitation
APPROPRIATION: $93,000
ACTUAL EXPENDITURES: $87,000
DESCRIPTION: Refinanced existing loan
ENGINEER: NA
CONTRACTOR: NA
DATE COMPLETED: 1988
SESSION LAW DATE: 1988

413. 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

414. 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

415. 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

416. 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

417. PROJECT: Powell Master Plan/Powell Water Supply Rehabilitation
SPONSOR: City of Powell
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $1,163,000
ACTUAL EXPENDITURES: $1,163,000
DESCRIPTION: Construction of elevated water storage tank, repainting of the existing elevated water storage tank, installation of pressure control facilities and rerouting of some transmission pipelines.
NGINEER: Engineering Associates, Cody, WY
CONTRACTOR: Maguire Iron, Inc., Sioux Falls, SD
Engineered Fluids, Inc., Centralia, IL
Western Municipal Construction, Gillette, WY
YEAR COMPLETED: 2006
SESSION LAW YEAR: 2001, 2002, 2003 & 2004

418. 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

419. 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

420. 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

421. 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

422. 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

423. 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

424. 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

425. 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

426. 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

427. 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

428. 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

429. 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

430. 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

431. 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

432. 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

433. 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

434. 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

435. 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

436. **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

437. **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

438. **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

439. **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

440. 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

441. 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

442. 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

443. **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

444. **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

445. **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

446. **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

447. 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

448. 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

449. 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

450. 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

451. 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

452. 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

453. 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

454. 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

455. 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

456. 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

457. 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

458. PROJECT: Sheridan Area Water Supply
LEVEL: III
PROGRAM: New Development
SPONSOR: Sheridan Area Water Supply Joint Powers Board
LOCATION: Sheridan County
PROGRAM: New Development, Public Purpose Investment
APPROPRIATION: $37,206,000
$ 6,750,000 (permanent mineral trust fund loan)
ACTUAL EXPENDITURES: $37,206,000
$ 6,750,000 (permanent mineral trust fund loan)
DESCRIPTION: Enlargement of Twin Lakes Reservoir, Water transmission facilities, Water treatment plant in Big Goose Valley, Raw water transmission pipeline,
ENGINEER: Several

CONTRACTOR: Several (21 separate contracts)
YEAR COMPLETED: 2000
SESSION LAW YEAR; 1989, 1990, 1993, 1996

459. 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

460. 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

461. 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

462. 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

463. **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

464. **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

465. **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

466. **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

467. **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

468. 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

469. 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

470. 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

471. **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

472. **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

473. **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

474. **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
475.	**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
476.	**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
477.	**4PROJECT:**	**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

478. PROJECT: Shoshone Rehabilitation 2009
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $339,000
ACTUAL EXPENDITURES: $256,221
DESCRIPTION: Lateral 11U, Drop #22, Buck Creek Undershot
ENGINEER: Sage Civil Engineering, Cody, WY
CONTRACTOR: Shoshone Irrigation District
MATERIALS: Waterworks Irrigation, Inc., Ralston, WY
Northwest Pipe Fittings, Billings, MT
YEAR COMPLETED: 2011
SESSION LAW YEAR: 2009

479. PROJECT: Shoshone Rehabilitation 2011
SPONSOR: Shoshone Irrigation District
LOCATION: Park County
PROGRAM: Rehabilitation
APPROPRIATION: $585,000
ACTUAL EXPENDITURES: $585,000
DESCRIPTION: Laterals 6W, 20D, 10A, Drops #17, #31.
ENGINEER: Sage Civil Engineering, Cody, Wyoming
CONTRACTOR: Shoshone Irrigation District
MATERIALS: Waterworks Irrigation, Inc., Ralston, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2011

480. PROJECT: Shoshone Transmission Pipeline 2016
SPONSOR: Shoshone Municipal Water Joint Powers Board
LOCATION: Park County
PROGRAM: New Development
APPROPRIATION: $2,227,500.00
ACTUAL EXPENDITURES: $611,777.63
DESCRIPTION: Design and construction of new transmission pipelines
ENGINEER: DOWL, Sheridan, WY
Morrison-Maierle, Cody, WY
CONTRACTOR: Wilson Brothers Construction, Cowley, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2016

481. 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

482. 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

483. 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

484. 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

485. 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

486. 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

487. 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

488. 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

489. 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

490. 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

491. 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

492. 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

493. 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

494. 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

495. PROJECT: Small Water Projects

Small Water Project	Account	Year Approved
Asperation Well	New Development	2003
Bad Land Well	New Development	2003
Bench Well	New Development	2003
Big Bend Pasture Well	New Development	2003
Big Horn River Ranch Pipeline	New Development	2003
Blue Forest Well	New Development	2003
Central Well	New Development	2003
Crowfoot Ranch Well	New Development	2003
Diamond S Ranch Pipeline	New Development	2003
East Dry Creek #1 Well	New Development	2003
Emigrant Well	New Development	2003
Emigrant/Four Mile Pits	New Development	2003
Four Mile Gulch Well	New Development	2003
Gasson Well #2	New Development	2003
Gooseberry Creek Ranch Well	New Development	2003
Jensen Wash Well	New Development	2003
Lombard Well	New Development	2003
Migration Well	New Development	2003
Perino Pipeline	New Development	2003
Russell Ranch Pipeline	New Development	2003
Twelve Mile Sink Well	New Development	2003
Big Sandy Pipeline	Rehabilitation	2003
Cabin Creek Water Development	Rehabilitation	2003
Coyote Reservoirs	Rehabilitation	2003
Croonberg Water Development	Rehabilitation	2003
Diamond S Ranch Well	Rehabilitation	2003
Jones Water Project	Rehabilitation	2003
Old Steve Adams Duck Pond	Rehabilitation	2003
Poison Buttes/Cottonwood Ponds	Rehabilitation	2003
TY Ranch Pipeline	Rehabilitation	2003
Aaron Carollow Livestock	New Development	2004
Antelope Hills Water Well	New Development	2004
Antone Swanda Well & Pipeline	New Development	2004
Basin Allotment Project	New Development	2004
Black Thunder Watershed Project	New Development	2004
Butte Water Development	New Development	2004
Chant Water Well #1	New Development	2004
Cherokee Allotment Ground Water	New Development	2004
Coal Gulch Grade Control/Diversion	New Development	2004

Small Water Project	Account	Year Approved
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
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

Small Water Project	Account	Year Approved
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
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

Small Water Project	Account	Year Approved
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
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

Small Water Project	Account	Year Approved
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
Hazen Draw	New Development	2012
Jim's Meadow Pipeline	New Development	2012
Kruse Ranch Dam	New Development	2012
Pellatz Pipeline	New Development	2012
Pellatz Spreader	New Development	2012
246 Rothluetner	New Development	2013
BLM Wild Horse	New Development	2013
Dexter Pipeline	New Development	2013
Iberlin Pipeline	New Development	2013
Oaks Pasture	New Development	2013
Patterson Upland	New Development	2013
Reservoir #3	New Development	2013
TB 020B Pipeline	New Development	2013
TB 099B	New Development	2013
BLM Solar Pump	Rehabilitation	2013
Ditch Creek Irrigation	Rehabilitation	2013
Ditch Creek Solar	Rehabilitation	2013
#1 Pat Sheehananigans	New Development	2014
47 Ranch	New Development	2014
Baggs Grazing Allotment	New Development	2014
BLM Cottonwood Creek Pasture Water Development	New Development	2014
C Weber Wetland	New Development	2014
Cameron Upland Project 1	New Development	2014
Coal Mine Spring Development	New Development	2014
E Black Thunder W20-1	New Development	2014
Elk Mountain Spring	New Development	2014
Good Luck Well	New Development	2014
H&C Stock Water Well	New Development	2014
HB Lee Irrigation Return Flow Wetland	New Development	2014
Hog Eye Ranch - Little Savery Creek New Pasture Ponds	New Development	2014
Kester Coulee South Pipeline	New Development	2014
Ladder Livestock #1	New Development	2014
McClanahan Well and Pipeline Project	New Development	2014
Muddy Creek Wetland Duck Pond #8	New Development	2014
Otty Wagonhound Pipeline Project	New Development	2014
PH Livestock Alamosa Gulch	New Development	2014
PH Livestock Delaney Rim Well	New Development	2014
PH Livestock Fillmore Allotment Long Draw	New Development	2014
Steve Adams Irrigation Return Flow Wetland	New Development	2014

Small Water Project	Account	Year Approved
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
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

Small Water Project	Account	Year Approved
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
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

Small Water Project	Account	Year Approved
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
Red Wash Wetland #7 2018	New Development	2018
TA Land and Cattle Livestock Pipeline	New Development	2018
Smith Ditch	Rehabilitation	2018

496. **PROJECT:** **Smiths Fork Water Supply**
SPONSOR: Smiths Fork Irrigation District
LOCATION: Lincoln County
PROGRAM: Rehabilitation
APPROPRIATION: $340,000
ACTUAL EXPENDITURES: $307,027
DESCRIPTION: Diversion structure, headgate replacement and siphon
ENGINEER: Versar, Denver, CO
CONTRACTOR: Reiman Construction, Cheyenne, WY
YEAR COMPLETED: 1993
SESSION LAW YEAR: 1991

497. **PROJECT:** **Smoot Water Supply**
SPONSOR: Greater Smoot Water and Sewer District
LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $1,100,000
ACTUAL EXPENDITURES: $1,040,298
DESCRIPTION: Well, storage tank, spring improvements, pipeline
ENGINEER: Forsgren Associates, Evanston, WY
CONTRACTOR: JASCO; Evanston, WY
YEAR COMPLETED: 1994
SESSION LAW YEAR: 1991

498. **PROJECT:** **South Big Horn County Pipeline**
SPONSOR: South Big Horn County Rural Water District
LOCATION: Big Horn County
PROGRAM: New Development
APPROPRIATION: $3,557,700
ACTUAL EXPENDITURES: $3,066,815
DESCRIPTION: Transmission pipeline west of Greybull and Basin
ENGINEER: DOWL, LLC, Sheridan WY
CONTRACTOR: Mountain View Building, Inc., Sheridan, WY
YEAR COMPLETED: 2019
SESSION LAW YEAR: 2016

499. **PROJECT:** **South Circle Estates Water Supply**
SPONSOR: South Circle Estates Improvement and Service District
LOCATION: Washakie County
PROGRAM: New Development
APPROPRIATION: $480,000

ACTUAL EXPENDITURES: $304,117
DESCRIPTION: Design and construction of a transmission pipeline.
ENGINEER: 609 Consulting, LLC
CONTRACTOR: Wilson Brothers Construction, Inc.
YEAR COMPLETED: 2016
SESSION LAW YEAR: 2011

500. 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

501. 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

502. 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

503. 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

504. 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

505. PROJECT: Squaw Creek Water Supply
SPONSOR: Squaw Creek Water District
LOCATION: Teton County
PROGRAM: New Development
APPROPRIATION: $580,000
ACTUAL EXPENDITURES: $530,297
DESCRIPTION: Wells, pipeline, storage
ENGINEER: AVI, Cheyenne, Wyoming
CONTRACTOR: G. M. Stewart Construction, Evanston, WY
DATE COMPLETED: 1998
SESSION LAW DATE: 1995

506. PROJECT: Squaw Creek Water Supply
SPONSOR: Squaw Creek Water District
LOCATION: Teton County
PROGRAM: Rehabilitation
APPROPRIATION: $308,200
ACTUAL EXPENDITURES: $308,200
DESCRIPTION: Well and Transmission
ENGINEER: AVI, Cheyenne, WY
CONTRACTOR: MD Landscaping, Driggs, ID
YEAR COMPLETED: 2018
SESSION LAW YEAR: 2015

507. PROJECT: Stage II Pipeline
SPONSOR: City of Cheyenne
LOCATION: Carbon, Albany, Laramie Counties
PROGRAM: New Development
APPROPRIATION: $48,200,000
ACTUAL EXPENDITURES: $47,713,214
DESCRIPTION: Pipeline
ENGINEER: Banner Associates, Inc., Laramie, WY
CONTRACTOR: Guernsey Stone, Sheridan, WY
DATE COMPLETED: 1993
SESSION LAW DATE: 1986

508. PROJECT: Star Valley Ranch Water Supply
SPONSOR: Town of Star Valley Ranch

LOCATION: Lincoln County
PROGRAM: New Development
APPROPRIATION: $4,995,000
ACTUAL EXPENDITURES: $4,836,822
DESCRIPTION: New water development including springs, pipelines, and tank
ENGINEER: Forsgren Associates, Inc.
CONTRACTOR: Kilroy LLC, Afton, WY
DePatco Inc., St. Anthony, ID
WETCO, Sandy, UT
Westwood Curtis Construction Inc., Jackson, WY
YEAR COMPLETED: 2013
SESSION LAW YEAR: 2009, 2010

509. 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

510. 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

511. 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

512. 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

513. 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

514. 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

515. 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

516. 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

517. 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

518. 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

519. 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

520. 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

521. 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

522. 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

523. 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

524. 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

525. 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

526. 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

527. 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

528. 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
529.	**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
530.	**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
531.	**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
532.	**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

533. 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

534. 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

535. 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

536. 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

537. 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

538. **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.

539. **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

540. **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

541. **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

542. 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

543. 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

544. 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

545. 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

546. 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

547. 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

548. 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

549. 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

550. 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

551. 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

552. 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

553. 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

554. PROJECT: **Westside/Rock Springs Water Supply**

SPONSOR:	City of Green River/City of Rock Springs/Sweetwater County Joint powers Water Board
LOCATION:	Sweetwater County
PROGRAM:	New Development & Rehabilitation
APPROPRIATION:	$450,000 – New Development $625,000 - Rehabilitation
ACTUAL EXPENDITURES:	$450,000 – New Development $600,390-Rehabilitation
DESCRIPTION:	Transmission mains
ENGINEER:	Nelson Engineering Inc.; Jackson, WY
CONTRACTOR:	Patrick Construction Inc.; Lander, WY
YEAR COMPLETED:	2001
SESSION LAW YEAR:	1998

555. 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
556.	**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
557.	**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
558.	**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
559.	**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
560.	**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
561.	**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
562.	**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
563.	**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

564. 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

565. 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

566. 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

567. 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

568. 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

569. 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

570. 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

571. 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

572. 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

573. 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

574. 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

575. 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

576. 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

577. 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

578. 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

579. 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

580. 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

581. 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

582. 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

583. 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

584. 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