
Montana DNRC State Water Projects Bureau
Update of on-going projects from Page 3 of the 2021 Water Storage Report:

- Allendale Canal Intake and Fish Screen (Granite County), estimated cost $2,862,000
  - Construction on-going, scheduled for completion in November 2021
- East Fork Rock Creek Dam Rehabilitation Environmental Planning (Granite County), estimated cost $500,000 – See Details Below
- Painted Rocks Site Investigations and Feasibility Study (Ravalli County). Pending site investigations, cost estimated at $750,000 and will occur over several years.
  - Study finalized September 2021
- Painted Rocks Dam Toe Access, estimated cost $900,000
  - See Details Below
- Painted Rocks Dam Environmental Planning (Ravalli County), estimated cost $500,000
  - See Details Below
- State Water Projects Planning Document, estimated cost $125,000
  - See Details Below
- Nevada Creek Douglas Canal Rehabilitation (Powell County), estimated cost $159,572.10
  - Complete May 2021
- Broadwater-Missouri Canal System Study and Master Plan (Broadwater County), estimated cost $162,969.70
  - Complete June 2021
## Update of new projects listed on page 10 of the 2021 Water Storage Report

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Biennium Proposed</th>
<th>Estimated Cost and Funding Source</th>
<th>Status</th>
<th>Current Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ackley Lake Outlet Canal Rehabilitation</td>
<td>2021-2022</td>
<td>$160,046 RRGL Grant</td>
<td>Grant Approved Bids Opened</td>
<td>$323,580 Single bid received</td>
</tr>
<tr>
<td>Deadman’s Basin Supply Canal Rehabilitation Project</td>
<td>2021-2022</td>
<td>$160,050 RRGL Grant</td>
<td>Grant Approved Bids Opened</td>
<td>$123,000 Lowest of 2 bids received</td>
</tr>
<tr>
<td>Upper Musselshell Two Dot Canal Rehabilitation Project</td>
<td>2021-2022</td>
<td>$170,046 RRGL Grant</td>
<td>Grant Approved Bids Opened</td>
<td>$213,834 Single bid received</td>
</tr>
<tr>
<td>East Fork of Rock Creek Rehabilitation – Final Design</td>
<td>2021-2022</td>
<td>$800,000 SSR</td>
<td>Will advertise for engineering services in Jan/Feb 2022</td>
<td>N/A</td>
</tr>
<tr>
<td>SWPB Flow Measurement Equipment Purchase</td>
<td>2021-2022</td>
<td>$98,700 SSR</td>
<td>One gaging station purchased</td>
<td>$15,000</td>
</tr>
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Update of project priorities listed on page 9 of the 2021 Water Storage Report
<table>
<thead>
<tr>
<th>Priority from 2021 WSR</th>
<th>Project Title</th>
<th>Biennium Proposed</th>
<th>Estimated Cost and Funding Source</th>
<th>Status</th>
<th>Current Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Painted Rocks Dam Toe Access</td>
<td>2019-2020</td>
<td>$900,000 SSR</td>
<td>Construction started August 2021</td>
<td>$1,167,000 Lowest of 3 bids received</td>
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<tr>
<td>2</td>
<td>East Fork Dam Rehabilitation Environmental Planning</td>
<td>2019-2020</td>
<td>$500,000</td>
<td>Contract initiated June 2021</td>
<td>$98265</td>
</tr>
<tr>
<td>3</td>
<td>Painted Rocks Dam Rehabilitation Environmental Planning</td>
<td>2019-2020</td>
<td>$450,000</td>
<td>Pending completion of Painted Rocks feasibility study. Will advertise for professional services in Jan/Feb 2022</td>
<td></td>
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<tr>
<td>4</td>
<td>East Fork of Rock Creek Rehabilitation Final Design</td>
<td>2021-2022</td>
<td>$800,000 SSR</td>
<td>Will advertise for engineering services in Jan/Feb 2022</td>
<td>N/A</td>
</tr>
<tr>
<td>5</td>
<td>State Water Projects Planning Document</td>
<td>2019-2020</td>
<td>$125,000</td>
<td>Contract initiated June 2021</td>
<td>$125,000</td>
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<td>Ackley Lake Outlet Canal Rehabilitation</td>
<td>2021-2022</td>
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<td>Deadman’s Basin Supply Canal Rehabilitation Project</td>
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<td>9</td>
<td>SWPB Flow Measurement Equipment Purchase</td>
<td>2021-2022</td>
<td>$98,700 SSR</td>
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Unplanned/Unprogrammed Work

- Nilan North Dam Gate Repairs 2020
- Painted Rocks Spillway Repairs 2020 & 2021
- Tongue River Spillway Wall Repairs 2021-2022
- Frenchman Dam Spillway Repairs 2020
- Deadmans Basin Gate Repairs 2021-2022
- Frenchman Dam Gate Replacement 2021-2022
- Fred Burr Spillway Repairs 2021
- Broadwater Hydro Plant Generator Repairs 2021
- Helmville Canal Seepage Repair 2020
2022-2023 Planning and Prioritizing Projects for Consideration
- Deadman's Basin - Riprap
- East Fork Riprap repair
- Fred Burr - Hydrology (USFS Compliance)
- Fred Burr – Rehab
- Frenchman – Rehab
- Glacier - Concrete spall repair - North Dam
- Martinsdale Spillway - Replace deflecting walls
- Martinsdale Sand Boil Repair
- Middle Creek – Bridge, Outlet and Tower Improvements
- Condition Inventory on piezometers
- Nevada Creek - Tower Safety
- Nevada Creek - Dewater Impact Basin; repair conduit
- Nilan - Permanent SEF Area Repair
- North Fork - Tower Safety
- Inspect Ruby Outlet & Spillway Stilling Basins (2024 or before)
- Ruby Riprap - prioritize repairs
- Ruby - Shaft ladder safety correction/modification
- Tongue - Assess & possibly repair fixed wheels on guard gates
- Tongue - Riprapping right of aux. spillway
- Tongue - Auxiliary Spillway Rehabilitation
- Tongue PLC Replacement
- Willow Creek Rehabilitation
- 2D EAP Mapping & LOL Analysis