



COMMUNITY MT

**Governor's 2025 Biennium Executive Budget
Volume 4**

**MONTANA COAL ENDOWMENT PROGRAM
2025 Biennium Project Funding Recommendations
2023 Biennium Emergency, Planning, and
Project Grants Report**

HB 11 Infrastructure List

**Town of Cascade Project No. 1
Wastewater System Improvements**

This application received 4,430 points out of a possible 5,000 points and ranked 1 out of 40 for funding in the 2025 Biennium.

SECTION I: BUDGET INFORMATION

Funding Source	Funds	Amount	Status of Funds
MCEP	Grant	\$625,000	Awaiting decision of the Legislature
RRGL	Grant	\$125,000	Awaiting decision of the Legislature
CDBG	Grant	\$600,000	Application expected to be submitted fall 2022 or spring 2023
ARPA LFRF	Grant	\$173,000	Committed
ARPA Min. Allocation	Grant	\$165,000	Committed
ARPA Comp.	Grant	\$983,000	Committed
SRF A	Grant	\$210,000	Application expected to be submitted Fall 2022
SRF B	Loan	\$210,000	Application expected to be submitted Fall 2022
Project Total		\$3,091,000	

SECTION II: GENERAL PROJECT INFORMATION

Project History – The Town’s wastewater system constructed in the 1940’s consisted of clay tile pipe gravity collection system that discharged to the Missouri River. The Town’s facultative lagoon system was originally installed in 1963, which was replaced in 1998. The Town began replacing the aging collection system in the early 2000s and has replaced or rehabilitated approximately 5,000 LF of the original clay tile main. Approximately 16,440 LF of the clay tile pipe collection system is still in place.

Identified Problem – The wastewater system has the following deficiencies:

- the Town spends significant time cleaning and jetting sewer mains that become blocked regularly;
- 15 sewer backup emergencies have occurred from 2016 to 2022;
- blockages have resulted in sewer backups and surfacing onto streets in Town;
- blockages have resulted in sewer backups into homes;
- root intrusion, gravel, and many dropped service lines are preventing proper cleaning;
- crushed and cracked clay tile collection mains; and
- Russell Drive lift station force main plugs and causes backups.

Proposed Solution – The proposed project would:

- replace highest priority clay tile collection main (approximately 7,100 LF); and
- rehabilitate Russell Drive lift station and replace force main.

Median Household Income:	\$42,000	Total Population:	712
Percent Non-MCEP Matching Funds:	80%	Number of Households:	292

SECTION III: TARGET RATE INFORMATION

Target Rate of Combined Water and Wastewater	\$80.50
Existing Water Rate	\$68.42
Existing Wastewater Rate	\$44.69
Existing Combined Rate	\$113.11 (141% of target rate)
Proposed Combined Rate with MCEP Assistance	\$117.46 (146% of target rate)
Proposed Combined Rate without MCEP Assistance	\$130.40 (162% of target rate)

**City of Havre Project No. 2
Water System Improvements**

This application received 4,070 points out of a possible 5,000 points and ranked 2 out of 40 for funding in the 2025 Biennium.

SECTION I: BUDGET INFORMATION

Funding Source	Funds	Amount	Status of Funds
MCEP	Grant	\$500,000	Awaiting decision of the Legislature
RRGL	Grant	\$125,000	Awaiting decision of the Legislature
ARPA	Grant	\$2,000,000	Ranked 64 on ARPA list, awards announced
ARPA	Grant	\$947,412	Ranked 64 on ARPA list, awards announced
ARPA	Grant	\$1,445,581	Committed
SRF	Loan Forgiveness	\$500,000	Applied May 2022
SRF	Loan	\$2,837,397	Applied May 2022
Project Total		\$8,355,390	

SECTION II: GENERAL PROJECT INFORMATION

Project History – The City of Havre’s public water system is supplied by surface water from the Milk River treated by a conventional surface water treatment plant in the northern part of the City. The distribution system was originally constructed over 100 years ago and comprises cast iron, asbestos cement, PVC, HDPE, and ductile iron pipe in sizes ranging from 2 to 24 inches. The City has four water storage tanks that serve the system; and numerous pressure-reducing valves and pump stations to accommodate the different pressure zones. As a part of the aging distribution system, there are also 120 known lead service lines.

The City has committed to connect to the Rocky Boy North Central Montana Regional Water (NCRMWS) system for its future water supply.

Identified Problem – The water system has the following deficiencies:

- the City has approximately 120 lead service lines within the distribution system,
- the City has 34 flush tanks in manholes that represent a cross connection hazard,
- the City loses an average of 15% of their pumped water annually due to water main leaks and breaks,
- the City has experienced 255 water main breaks in the last 11 years, including 46, in the last 2 years, and
- a significant portion of the mains are undersized 4” lines.

Proposed Solution – The proposed project would:

- replace up to 23,000 feet of undersized and leaking water mains, including lead service lines and flush tanks.

Median Household Income:	\$48,294	Total Population:	9,786
Percent Non-MCEP Matching Funds:	94%	Number of Households:	4,160

SECTION III: TARGET RATE INFORMATION

Target Rate of Combined Water and Wastewater	\$92.56
Existing Water Rate	\$47.40
Existing Wastewater Rate	\$46.50
Existing Combined Rate	\$93.90 (101% of target rate)
Proposed Combined Rate with MCEP Assistance	\$97.70 (106% of target rate)
Proposed Combined Rate without MCEP Assistance	\$98.37 (106% of target rate)

**Town of Dodson Project No. 3
Water System Improvements**

This application received 3,950 points out of a possible 5,000 points and ranked 3 out of 40 for funding in the 2025 Biennium.

SECTION I: BUDGET INFORMATION

Funding Source	Funds	Amount	Status of Funds
MCEP	Grant	\$500,000	Awaiting decision of the Legislature
RRGL	Grant	\$125,000	Awaiting decision of the Legislature
CDBG	Grant	\$600,000	Application expected to be submitted 9/2022
ARPA Competitive	Grant	\$2,000,000	Ranked in round 2 Competitive awards announced
ARPA Min. Allocation	Grant	\$20,081	Committed by letter
ARPA	Grant	\$5,219	Committed by letter
Project Total		\$3,250,300	

SECTION II: GENERAL PROJECT INFORMATION

Project History – The Town of Dodson is an incorporated community of 125 people (Census 2020) within Phillips County, Montana located on Highway 2 twenty miles west of Malta. The Town is served by a central water distribution system consisting of two wells that pump water directly to a buried 100,000-gallon concrete tank that feeds the distribution system. Dodson’s original system was constructed in the early 1900’s with one major pipe replacement project in the 1970’s. The distribution system and transmission main from the storage tank are past useful life and are beginning to fail.

The Town prioritized distribution system improvements, well pump repairs and installation of meters and backflow prevention devices. These high-priority improvements will be paid for with ARPA Competitive, Minimum Allocation and Local Fiscal Recovery funds. The current request is MCEP funding for Phase 2, replacing 6,000 feet of transmission main.

Identified Problem – The water system has the following deficiencies:

- the Town loses an average of 30% of their pumped water annually due to water main leaks and breaks,
- in early 2022, the transmission main broke the Town was without water for several days.

Proposed Solution – The proposed project would:

- replace up to 6,000 feet of the existing transmission mains with 8” PVC.

Median Household Income:	\$26,406	Total Population:	94
Percent Non-MCEP Matching Funds:	85%	Number of Households:	33

SECTION III: TARGET RATE INFORMATION

Target Rate of Combined Water and Wastewater	\$50.61
Existing Water Rate	\$31.50
Existing Wastewater Rate	\$28.00
Existing Combined Rate	\$59.50 (118% of target rate)
Proposed Combined Rate with MCEP Assistance	\$59.50 (118% of target rate)
Proposed Combined Rate without MCEP Assistance	\$81.59 (161% of target rate)

**City of Thompson Falls Project No. 4
Water System Improvements**

This application received 3,930 points out of a possible 5,000 points and ranked 4 out of 40 for funding in the 2025 Biennium.

SECTION I: BUDGET INFORMATION

Funding Source	Funds	Amount	Status of Funds
MCEP	Grant	\$750,000	Awaiting decision of the Legislature
RRGL	Grant	\$125,000	Awaiting decision of the Legislature
ARPA Min. Allocation	Grant	\$319,951	Awarded
ARPA LFR	Grant	\$364,512	Awarded
RD	Grant	\$1,783,592	Application expected to be submitted Summer 2023
RD	Loan	\$2,179,945	Application expected to be submitted Summer 2023
Project Total		\$5,523,000	

SECTION II: GENERAL PROJECT INFORMATION

Project History – The City of Thompson Falls’ water system was first constructed by the railroad in the 1800s. The City purchased the system from the railroad in 1936. Soon afterward, the City constructed the Jefferson Street water storage reservoir and several thousand feet of cast iron water main. In 1949, the City constructed a new well and added another several thousand feet of wrapped steel water main. In 1960, the City replaced the old wood stave water transmission main and in the early 1980s constructed the Ashley Creek storage reservoir and transmission main, as well as a new water main on Haley Avenue. The City’s distribution system consists of approximately 90,560 LF of water mains ranging in size from 1 ½ to 12-inch and range in material from steel, wrapped steel, asbestos cement (AC), ductile iron, galvanized iron and PVC. The City’s water supply is from 7 developed springs on Ashley Creek (infiltration gallery) and two wells (#3 and #4). The City uses sodium hypochlorite to treat the water. The wells are only used during maximum use times such as summer.

Identified Problem – The water system has the following deficiencies:

- significant deficiency in the volume of water supply;
- existing tanks empty in 12-14 hours under max day demand;
- no redundant water sources that can meet max day demand;
- unable to fight fires when tanks are low from summer usage;
- aged and undersized tank is nearing end of useful life at 90 years old;
- aging and undersized distribution mains experiences significant water loss;
- inoperable valves don’t allow system to be isolated;
- leaking mains near sources of contamination including septic systems;
- main to high school is under buildings and undersized;
- dead end mains contribute to stagnant water;
- pressure relief valves (PRV) are failing; and
- aged and failing water meters.

Proposed Solution – The proposed project would:

- drill new source well;
- construct new 400,000-gallon concrete storage tank;
- replace undersized and failing mains;
- replace failing water meters with meter pits;
- replace failing PRVs, replace valves and loop dead end mains.

Median Household Income:	\$33,516	Total Population:	1,460
Percent Non-MCEP Matching Funds:	86%	Number of Households:	553

SECTION III: TARGET RATE INFORMATION

Target Rate of Combined Water and Wastewater	\$64.24
Existing Water Rate	\$53.00
Existing Wastewater Rate	\$58.00
Existing Combined Rate	\$111.00 (173% of target rate)
Proposed Combined Rate with MCEP Assistance	\$129.82 (202% of target rate)
Proposed Combined Rate without MCEP Assistance	\$135.76 (211% of target rate)

**Town of Twin Bridges Project No. 5
Water System Improvements**

This application received 3,860 points out of a possible 5,000 points and ranked 5 out of 40 for funding in the 2025 Biennium.

SECTION I: BUDGET INFORMATION

Funding Source	Funds	Amount	Status of Funds
MCEP	Grant	\$750,000	Awaiting decision of the Legislature
RRGL	Grant	\$125,000	Awaiting decision of the Legislature
CDBG	Grant	\$600,000	Application expected to be submitted September 2022
SRF Forgiveness	Grant	\$282,500	Application expected to be submitted May 2022
SRF Loan	Loan	\$282,500	Application expected to be submitted May 2022
Project Total		\$2,040,000	

SECTION II: GENERAL PROJECT INFORMATION

Project History – The Town of Twin Bridges is a small farming and ranching community located in southwest Montana between the larger cities of Butte to the north and Dillon to the south. The Town owns and operates a public water system, obtaining municipal water supply from two groundwater wells located in the central part of Town. The wells are pumped directly into the distribution system, feeding the user demands and filling the water storage tank located east of the Town. A telemetry system is used to control the tank level and cycling of the well pumps. The storage facility consists of one 300,000-gallon epoxy coated, bolted steel tank. The distribution system consists of approximately 34,000 lineal feet of mostly PVC pipe.

Over 18% of the distribution system is comprised of cast iron and asbestos cement water lines that could be contributing to system leakage and pose a health risk to residents due to lead jointed water lines. Additionally, approximately 10 percent of the distribution system is four-inch diameter, or smaller, which directly violates MDEQ requirements. The Town also does not have adequate storage to meet future demands, and the existing tank requires re-coating.

Identified Problem – The water system has the following deficiencies:

- the Town loses an average of 18% of their pumped water annually due to water main leaks and breaks,
- the existing system valves and hydrants leak,
- source capacity is not sufficient to meet maximum day demands with the largest well out of service for the projected 2040 population,
- the volume of storage does not meet DEQ standards and the existing tank needs recoating, and
- the distribution system has evidence of lead-jointed water mains, and
- the distribution system contains undersized 4-inch lines.

Proposed Solution – The proposed project would:

- evaluate and rehab existing wells, pumps and pump houses including back-up generators
- recoating the existing storage tank
- replacement of 800 feet of water main and
- replace 20 fire hydrants and associated valves plus 20 main-line valves.

Median Household Income:	\$32,321	Total Population:	235
Percent Non-MCEP Matching Funds:	63%	Number of Households:	130

SECTION III: TARGET RATE INFORMATION

Target Rate of Combined Water and Wastewater	\$61.95
Existing Water Rate	\$48.01
Existing Wastewater Rate	\$49.76
Existing Combined Rate	\$97.77 (158% of target rate)
Proposed Combined Rate with MCEP Assistance	\$104.18 (168% of target rate)
Proposed Combined Rate without MCEP Assistance	\$121.19 (196% of target rate)



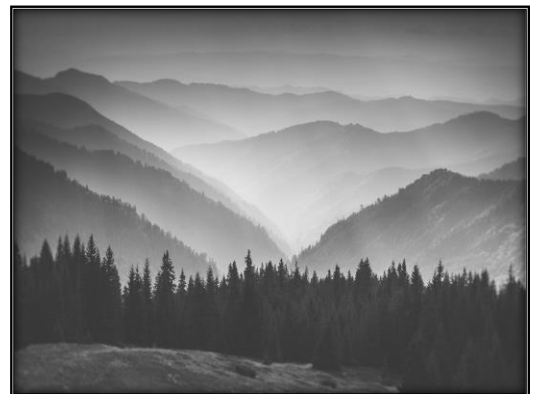
GOVERNOR
GREG GIANFORTE
STATE OF MONTANA

Governor's Executive Budget
Fiscal Years 2024 – 2025

Renewable Resource Grant and
Loan Program

Department of Natural Resources
and Conservation

Conservation and Resource
Development Division



Volume 6

Project No. 2

Applicant Name	West Yellowstone, Town of	
Project Name	Wastewater Treatment Plant	
Amount Requested	\$ 125,000	
Other Funding Sources	\$ 3,012,483	ARPA Grants
	\$ 600,000	CDBG
	\$ 1,500,000	Local Resort Tax
	\$ 750,000	MCEP
	\$16,000,000	RD Loan
	\$ 4,000,000	RD Grant
	<u>\$ 7,127,217</u>	SRF Loan
Total Project Cost	\$33,114,700	
Amount Recommended	\$ 125,000	

Project History

The Town of West Yellowstone is served by a lagoon system for wastewater treatment. The facility was constructed in 1993, and modifications to the treatment system have been implemented over the last 25 years. Due to continued growth and tourism in the community, the treatment capacity of the current system exceeds the demand and inadequately treated wastewater is threatening groundwater quality. The town's proposed solution is to construct a mechanical WWTP that will effectively treat for wastewater constituents to protect the groundwater against increased nutrient loadings. The mechanical WWTP will be sized to treat the increasing flows due to tourism and the reasonably anticipated population growth. The provision of safe wastewater treatment is essential to support the tourism which the town depends for its economic health.

Proposed Solution

Specific tasks include:

- Construct mechanical wastewater treatment system and purchase equipment.

Resource and Citizen Benefits Analysis

This project will preserve groundwater and surface water quality by improving the quality of effluent discharged from the wastewater treatment facility. The project will benefit health and safety of the local citizens by protecting groundwater that serves local private wells. The project will also improve the economy by providing the community with reliable wastewater infrastructure that will accommodate reasonably anticipated growth and tourism.

Funding Recommendation

DNRC recommends grant funding of \$125,000 upon development and approval of the final scope of work, administration, budget, and funding package.