

**CAPITAL IMPROVEMENT PROGRAM**  
**City of Missoula CIP Project Request/Update Form FY 2022 - 2026**

Department Priority		New or Update	Required	Delay	Project Title	
2	of 3	New	Is this project Required?	Can project be delayed?	Wastewater Plant System Improvements	
Project Rating	Department		Yes	No		
Urgent	Public Works		Is the project APPROVED for Fiscal Year 2022?			FUNDED?

**Summary Description and rationale of project and funding sources:**

The City Wastewater Treatment Facility plays an integral role in the protection of vital surface water resources and our groundwater aquifer, which is our sole source of drinking water. Expansion, renovation, and upgrades of existing wastewater facilities is absolutely necessary for continued environmentally sound and planned growth of our community. Plant improvements and upgrades to include the following: SCADA, holding tank heat system, E-1A UV Lamp, and digested holding tank heating upgrades Cogen Engine Overhaul, Energy Efficiency projects, E-3A UV level control gates, E-5 side 2 primary effluent lift pump, and to improve Drum to Volute Press. This also includes replacement of the admin building roof, plant water line to headworks, and perimeter fencing around the Plant and Compost.

**History & Current Status: Impact if Cancelled or Delayed**

Wastewater treatment facility rehabilitation and upgrades are imperative to prevent system failure and protect the water environment and public health.

**Are there any site requirements/ Potentially Affected Interest (PAI) Coordination:**

None.

**How is this project going to be funded:**

Funding Source		Yr. 1. budget	Unappropriated subsequent years			
		FY2022	FY2023	FY2024	FY2025	FY2026
Wastewater						
WW Development		657,500	120,000	120,000	120,000	120,000
Debt Service		472,500				
Federal/State Grant						
Impact Fees						
Type Approval Date Amount						
		\$ 1,130,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000

**How is this project going to be spent:**

Budgeted Funds	Accounting Code	Prior Year Expenses	FY2022	FY2023	FY2024	FY2025	FY2026
P. A. Land							
B. Buildings							
C. Improvements	5311.330.430643.930		1,130,000	120,000	120,000	120,000	120,000
D. Machinery & Equipment							
E. Percent for Art?			-				
Total			1,130,000	120,000	120,000	120,000	120,000

**History of project and amount left yet to expend**

Total Funded to date	Exps through FY20	FY21 Fvns	Amount yet to expend	Description of history (Optional)			
	\$ -	\$ -	\$ -				

**Is this equipment prioritized on an equipment replacement schedule?**

**Is there going to be ongoing Operating and/or Maintenance costs upon completion of the project?**

(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)

Expense Object	Accounting Code		FY2022	FY2023	FY2024	FY2025	FY2026
A. Personnel							
B. Supplies							
C. Purchased Services							
D. Fixed Charges							
E. Capital Outlay							
F. Debt Service							
G. (Operational Savings)	5311.330.490200.610			24,035	24,035	24,035	24,035
			-	24,035	24,035	24,035	24,035

*NOTE: Approval of the CIP does not indicate approval of the ongoing operating and maintenance costs. Those costs must be submitted as a "New Request" in the regular budget process. This will ensure the coordination exists between the CIP and the new request.*

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	
Gene Connell	PW&M Wastewater	5/28/2021	5/28/2021	as	

Project	Activity	% Paid for by Sewer Development Fund	FY22 Total	Enterprise Fund Portion	Development Fund Portion	SRF/DEBT	ARPA
Plant							
SCADA Upgrade	5311.330.430649.930.000	0%	40,000	-	-	20,000	20,000
Cogen Engine Overhaul	5311.330.430643.930.000	0%	85,000	-	-	85,000	-
Energy Efficiency Projects	5311.330.430643.930.000	0%	80,000	-	-	40,000	40,000
Upgrade Holding tank Heat System	5311.330.430643.930.000	0%	20,000	-	-	10,000	10,000
Plant water line to Headworks	5311.330.430643.930.000	0%	20,000	-	-	10,000	10,000
E-1A UV Lamp Upgrade	5311.330.430643.930.000	50%	152,000	-	-	76,000	76,000
E-3A Primary Effluent Overflow Basin							
Adjustable Weir	5311.330.430643.930.000	100%	80,000	-	-	40,000	40,000
E-4 UV Level Control Gates	5311.330.430643.930.000	50%	340,000	-	-	170,000	170,000
E-5 Side 2 Primary Effluent Lift Pump	5311.330.430643.930.000	100%	108,000	-	-	54,000	54,000
Perimeter Fencing, Plant & Compost	5311.330.430643.930.000	0%	20,000	-	-	20,000	-
Digested Holding Tank Heating Upgrade	5311.330.430643.930.000	0%	20,000	-	-	20,000	-
Volute Press 3rd Drum	5311.330.430643.930.000	100%	105,000	-	-	52,500	52,500
Admin Bdg Roof Replacement	5311.330.430649.930.000	0%	60,000	-	-	60,000	-

Total	1,130,000	-	-	657,500	472,500
FY23 Total	Portion	Debt Service	ARPA		

SCADA Upgrade	5311.330.430649.930.000		40,000	40,000
Cogen Engine Overhaul	5311.330.430643.930.000			
Energy Efficiency Projects	5311.330.430643.930.000		80,000	80,000
Upgrade Holding tank Heat System	5311.330.430643.930.000			
Plant water line to Headworks	5311.330.430643.930.000			
E-1A UV Lamp Upgrade	5311.330.430643.930.000			
Adjustable Weir	5311.330.430643.930.000			
E-4 UV Level Control Gates	5311.330.430643.930.000			
E-5 Side 2 Primary Effluent Lift Pump	5311.330.430643.930.000			
Perimeter Fencing, Plant & Compost	5311.330.430643.930.000			
Digested Holding Tank Heating Upgrade	5311.330.430643.930.000			
Volute Press 3rd Drum	5311.330.430643.930.000			
Admin Bdg Roof Replacement	5311.330.430649.930.000			

120,000	120,000	-	-
FY24 Total	Portion	Debt Service	ARPA

SCADA Upgrade	5311.330.430649.930.000		40,000	40,000
Cogen Engine Overhaul	5311.330.430643.930.000			
Energy Efficiency Projects	5311.330.430643.930.000		80,000	80,000
Upgrade Holding tank Heat System	5311.330.430643.930.000			
Plant water line to Headworks	5311.330.430643.930.000			
E-1A UV Lamp Upgrade	5311.330.430643.930.000			
Adjustable Weir	5311.330.430643.930.000			
E-4 UV Level Control Gates	5311.330.430643.930.000			
E-5 Side 2 Primary Effluent Lift Pump	5311.330.430643.930.000			
Perimeter Fencing, Plant & Compost	5311.330.430643.930.000			
Digested Holding Tank Heating Upgrade	5311.330.430643.930.000			
Volute Press 3rd Drum	5311.330.430643.930.000			
Admin Bdg Roof Replacement	5311.330.430649.930.000			

120,000	120,000	-	-
FY25 Total	Portion	Debt Service	ARPA

SCADA Upgrade	5311.330.430649.930.000		40,000	40,000
Cogen Engine Overhaul	5311.330.430643.930.000			
Energy Efficiency Projects	5311.330.430643.930.000		80,000	80,000
Upgrade Holding tank Heat System	5311.330.430643.930.000			
Plant water line to Headworks	5311.330.430643.930.000			
E-1A UV Lamp Upgrade	5311.330.430643.930.000			
E-3A Primary Effluent Overflow Basin				
Adjustable Weir	5311.330.430643.930.000			
E-4 UV Level Control Gates	5311.330.430643.930.000			
E-5 Side 2 Primary Effluent Lift Pump	5311.330.430643.930.000			
Perimeter Fencing, Plant & Compost	5311.330.430643.930.000			
Digested Holding Tank Heating Upgrade	5311.330.430643.930.000			
Volute Press 3rd Drum	5311.330.430643.930.000			
Admin Bdg Roof Replacement	5311.330.430649.930.000			

120,000	120,000	-	-
FY26 Total	Portion	Debt Service	ARPA

SCADA Upgrade	5311.330.430649.930.000		40,000	\$40,000
Cogen Engine Overhaul	5311.330.430643.930.000			
Energy Efficiency Projects	5311.330.430643.930.000		80,000	\$80,000
Upgrade Holding tank Heat System	5311.330.430643.930.000			
Plant water line to Headworks	5311.330.430643.930.000			
E-1A UV Lamp Upgrade	5311.330.430643.930.000			
E-3A Primary Effluent Overflow Basin				
Adjustable Weir	5311.330.430643.930.000			
E-4 UV Level Control Gates	5311.330.430643.930.000			
E-5 Side 2 Primary Effluent Lift Pump	5311.330.430643.930.000			
Perimeter Fencing, Plant & Compost	5311.330.430643.930.000			
Digested Holding Tank Heating Upgrade	5311.330.430643.930.000			
Volute Press 3rd Drum	5311.330.430643.930.000			
Admin Bdg Roof Replacement	5311.330.430649.930.000			

120,000	\$0	\$120,000	\$0
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