

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Wastewater Facility Headworks Replacement			WW-02

Description and justification of project and funding sources:

The treatment plant headworks is the structure that receives raw wastewater from the collection system and mechanically removes inorganic debris for disposal. Replacement of this structure is recommended for the following reasons:

1. The 2001 Predesign Report for the Wastewater Treatment Plant Upgrade identifies the headworks structure as the first process that will require an upgrade for future increase in design capacities.
2. The 2006 Montana Pollution Discharge Elimination System discharge permit requires the City to install influent flow metering by 2011. The current plant layout allows only for a less than desirable method of flow measurement. If flow monitoring is installed independently the costs are estimated at \$50,000 to \$80,000.
3. The 2007 Odor Assessment Report identifies the headworks as a high potential for odors. As public encroachment continues toward the treatment plant odor control will be required for this structure.
4. The mechanical screens inside the headworks are approaching the end of their service life and must be replaced within the next 5 years. Additionally, the treatment process would benefit with improved debris screening. Estimated costs for new screens is \$750,000 to \$1,500,000.
5. The headworks structure has been in service since 1984. This structure has a very corrosive environment and much of the infrastructure such as support beams, gratings and fixtures must be replaced within the next two years.

A sewer rate increase will be required to fund this project. The last sewer rate increase was implemented seven years ago in January 2001. Until now, customer growth limited the need for further sewer rate increases.

Is this equipment prioritized on an equipment replacement schedule?

Yes No NA
☐ ☐ ☒

Are there any site requirements:

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer Revenue Bond		600,000	6,100,000				
			600,000	6,100,000	-	-	-	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost							
	B. Construction Cost			4,880,000				-
	C. Contingencies (10% of B)		600,000	488,000	-	-	-	-
	D. Design & Engineering (15% of B)		-	732,000	-	-	-	-
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other (additional engineering)							
			600,000	6,100,000	-	-	-	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Starr Sullivan	Public Works	3/12/2008	12/3/2008 11:24	CJK	40

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:			09 Project #
Wastewater Facilities	Wastewater Facility Headworks Replacement			WW-02
Qualitative Analysis		Yes No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	The influent flow meter portion of this project is required by the Montana Department of Environmental Quality as a condition of the MPDES discharge permit.	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X		
Quantitative Analysis	Raw Score Range	Comments		Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	No General Fund money will be used for the project.		5 15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 1	Project is a system upgrade.		4 4
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	Will improve protection of the environment.		3 9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Wastewater operations are essential for continued sewer service to the community.		4 8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 1	This project fulfills obligations outlined in the Wastewater Facilities Plan and MPDES permit.		4 4
Total Score				40

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Miller Creek Interceptor Sewer	WW-09	WW-14	WW-03

Description and justification of project and funding sources:

This interceptor would expand capacity of existing sewer systems in the Miller Creek, Linda Vista and Maloney Ranch areas. A capacity analysis was prepared by a consultant that confirms the need for this expansion. In addition, the interceptor would allow the abandonment of the existing STEP system and reduce the costs of maintenance.

The project would be funded by area developers with the addition of Sewer Repair and Depreciation Fund (Sewer R&D).

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded:

Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
Developer Donations		750,000	750,000				70,000
Sewer R&D							
		750,000	750,000	-	-	-	70,000

How is this project going to be spent:

Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
A. Land Cost							
B. Construction Cost		600,000	600,000	-	-	-	-
C. Contingencies (10% of B)		60,000	60,000	-	-	-	-
D. Design & Engineering (15% of B)		90,000	90,000	-	-	-	-
E. Percent for Art (1% of B)							
F. Equipment Costs							
G. Other							
		750,000	750,000	-	-	-	-

Does this project have any additional impact on the operating budget:

Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
Personnel							
Supplies							
Purchased Services							
Fixed Charges							
Capital Outlay							
Debt Service							
		-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:

Responsible Department:

Date Submitted to Finance

Today's Date and Time

Preparer's
Initials

Total Score

Steve King

Public Works

3/4/2008

12/3/2008 11:24

CJK

49

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #	
Wastewater Facilities	Miller Creek Interceptor Sewer		WW-03	
Qualitative Analysis	Yes	No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X		
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X		
Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	A combination of 43% City sewer development funds and 57% private developer funds are being used for the Facilities Plan upgrade.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 3	This project is necessary to increase capacity in an existing system currently serving the southwest Missoula area.	4	12
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	Sanitary sewer reduces pollution and protects the sole source aquifer.	3	6
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Sanitary sewer is an essential City service.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	Sanitary sewer has been identified as necessary to a livable community.	4	8
Total Score			49	

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Russell Street Interceptor (6th-Idaho)	WW-11	WW-07	WW-05

Description and justification of project and funding sources:

The reconstruction of Russell Street will cause evaluation of the existing 21" to 30" Russell Interceptor sewer line. Portions of the existing sewer are planned to be reconstructed or relined. Televised inspection has rated portion of the pipe for relining or reconstruction.

Funding would come from the Sewer R&D Fund.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer R&D			-	50,000	1,000,000		
			-	-	50,000	1,000,000	-	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost		-	-	-	800,000	-	-
	B. Construction Cost		-	-	-	80,000	-	-
	C. Contingencies (10% of B)		-	-	50,000	120,000	-	-
	D. Design & Engineering (15% of B)		-	-	-	-	-	-
	E. Percent for Art (1% of B)		-	-	-	-	-	-
	F. Equipment Costs		-	-	-	-	-	-
	G. Other		-	-	50,000	1,000,000	-	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Steve King	Public Works	3/4/2008	12/3/2008 11:25	CJK	45

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:			09 Project #
Wastewater Facilities	Russell Street Interceptor (6th-Idaho)			WW-05

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	

Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	City Sewer R&D funds are being used for this interceptor replacement.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	This project must be completed prior to site redevelopment and Russell and 3rd Street improvements.	4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	Sanitary sewer reduces pollution.	3	6
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Sanitary sewer is an essential City service.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	Sanitary sewer has been identified as necessary to a livable community.	4	8
Total Score				45

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	West Reserve Interceptor Phase IV	WW-06	WW-09	WW-06

Description and justification of project and funding sources:

This master planned sewer will serve suburban growth areas west of the current city limits. Continued land development in the area and water quality concerns make this sewer necessary.

The project is expected to be funded by sewer development fee funding.

This project will complete the remaining portions of Target Range and Orchard Homes.

South Avenue is planned as the next major project starting in 2011.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer Development Fund					330,000	670,000	
	County RSID					670,000	1,330,000	
			-	-	-	1,000,000	2,000,000	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost		-	-	-	800,000	1,600,000	-
	B. Construction Cost		-	-	-	80,000	160,000	-
	C. Contingencies (10% of B)		-	-	-	120,000	240,000	-
	D. Design & Engineering (15% of B)		-	-	-			-
	E. Percent for Art (1% of B)		-	-	-			-
	F. Equipment Costs		-	-	-			-
	G. Other		-	-	-	1,000,000	2,000,000	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Steve King	Public Works	3/4/2008	12/3/2008 11:25	CJK	48

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #	
Wastewater Facilities	West Reserve Interceptor Phase IV		WW-06	
Qualitative Analysis	Yes	No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X		
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	VNRD done - reduce septic systems by 50% over 10 year period.	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	The area ranks number two in the Missoula Valley Water Quality District's Unsewered Area Study. Also identified as the number one priority sewer interceptor in the updated Wastewater Facilities Plan.	
Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	Use of sewer funds to construct this project will open up new areas of the community to public sewers and accommodate infill. This project will enable other leveraged projects to be completed.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 1		4	4
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	Sole source aquifer protection.	3	9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2		4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 3	Number one priority sewer interceptor in the updated Wastewater Facility Plan.	4	12
Total Score				48

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Airport Interceptor Phase II and "Wye" Collection System	WW-03	WW-12	WW-07

Description and justification of project and funding sources:

This interceptor would allow extended sewer service to the Butler Creek/"Y" area. The interceptor would start at the airport and run west past Butler Creek and on to the "Y" area.

The project would be funded by a rural special improvement district (RSID) assessments. This would be citizen initiated to allow extended sewer service.

A sewer collection system would be constructed in the "Y" area to serve the properties in the RSID. City's upsizing of the main could occur in 2009.

City Sewer Development Fees would complete the interceptor portion near the Airport when capacity would be required.

Is this equipment prioritized on an equipment replacement schedule?	Yes	No	NA
			X

Are there any site requirements:

REVENUE	How is this project going to be funded:							Funded in Prior Years
	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
	County RSID			1,500,000				7,000,000
	Sewer Development Fund			500,000				224,720
	County TIF							
			-	2,000,000	-	-	-	7,224,720
EXPENSE	How is this project going to be spent:							Spent in Prior Years
	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
	A. Land Cost			1,600,000	-	-	-	-
	B. Construction Cost			160,000	-	-	-	-
	C. Contingencies (10% of B)		-	240,000	-	-	-	-
	D. Design & Engineering (15% of B)		-		-	-	-	-
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other (additional engineering)							
			-	2,000,000	-	-	-	-

OPERATING BUDGET COSTS	Does this project have any additional impact on the operating budget:							Spent in Prior Years
	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-
	Description of additional operating budget impact:							

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Steve King	Public Works	3/19/2008	12/3/2008 11:26	CJK	48

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:			09 Project #
Wastewater Facilities	Airport Interceptor Phase II and "Wye" Collection System			WW-07
Qualitative Analysis		Yes No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X		
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X		
Quantitative Analysis	Raw Score Range	Comments		Weight Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	Use of sewer funds to construct this project will open up new areas of the community to public sewer and accommodate inflit. 3.1 leverage of private funds (assessments).		5 15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2			4 8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	Sole source aquifer protection.		3 9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2			4 8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	Sewer interceptor identified in the updated 2001 Wastewater Facilities Plan.		4 8
Total Score				48

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Hybrid Poplar Tree Effluent Land Application Project	WW-10	WW-13	WW-08

Description and justification of project and funding sources:

As part of the Voluntary Nutrient Reduction Program the City agreed to encourage development of alternatives for wastewater disposal to reduce nutrients from new development, such as land application, wetlands and nutrient removal septic systems. The Wastewater Facility Plan recommends seasonal and partial "Effluent Load Diversion" to land application sites that will address future "Total Maximum Daily Load of Phosphorus and Nitrogen" to the Clark Fork River. The Wastewater Treatment Plant will meet numerical phosphorus and nitrogen concentration limits for the foreseeable future, eventually the plant will exceed any proposed TMDL limit for the Clark Fork River. The strategy for this is to seasonally divert a portion of the phosphorus and nitrogen load out of the Clark Fork River to a land application site. Studies of Wetlands and a completed feasibility study of hybrid poplars indicates hybrid poplars are a most effective and economical way to uptake effluent in a land application of effluent. The City has completed a functioning pilot hybrid poplar project on existing City property adjacent to the WWTP. The next phase is to expand the pilot project to a much larger scale. A preliminary engineering and feasibility study is needed before proceeding with a larger hybrid poplar project. Purchase agent for acquiring land adjacent to land for Phase 1.

A 1,500 acre poplar project is projected to generate revenues of \$7M after each 14 year growing cycle.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

Suitable growing land would need to be acquired to expand the pilot project. A land feasibility study could begin fiscal year 2011.

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer Development Fee Fund				30,000		1,000,000	
			-	-	30,000	-	1,000,000	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost							
	B. Construction Cost			-	-	-	800,000	-
	C. Contingencies (10% of B)		-	-	-	-	80,000	-
	D. Design & Engineering (15% of B)		-	-	-	-	120,000	-
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other (land purchase feasibility)				30,000			
			-	-	30,000	-	1,000,000	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Starr Sullivan	Public Works	3/19/2008	12/3/2008 11:27	CJK	52

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:				09 Project #
Wastewater Facilities	Hybrid Poplar Tree Effluent Land Application Project				WW-08
Qualitative Analysis		Yes	No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.			X	The VNRP agreement was a legal contract with the MDEQ and USEPA along with the other VNRP signatories.	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.			X		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.			X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.			X		
Quantitative Analysis		Raw Score Range	Comments		Weight
					Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?		(0-3) 3	Land application of wastewater effluent has been demonstrated to be far less expensive than building a mechanical treatment facility.		5 15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?		(0-3) 2	Given the time it takes to grow poplar trees, the project should begin soon.		4 8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?		(0-3) 3	This project will remove nutrient pollution from the Clark Fork River as well as produce commercial wood products.		3 9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?		(0-2) 2	Provides alternate and additional wastewater treatment.		4 8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?		(0-3) 3	Provides environmentally friendly wastewater treatment. Fulfills recommendations outlined in the Wastewater Facility Plan.		4 12
Total Score					52

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Sewer Pipe Rehabilitation Program	WW-01	WW-01	WW-09

Description and justification of project and funding sources:

Proper equipment and training allows the Wastewater Facility staff to evaluate the condition of the sewer collection system. These evaluations, conducted during routine line maintenance, help identify and prioritize system upgrades. The City annually repairs and maintains a significant amount of sanitary sewer mains and related appurtenances. Completion of the WWTF upgrade project in October 2005, allows the City to refocus on maintenance of sewer lines again.

Since 1994 the City has spent \$1,709,532 to complete repairs to:

- * 52 STEP sewer system repairs
- * 38 Flush tank and tank repairs
- * 85 Manhole repairs
- * 207 Main repairs consisting of 10,955 lineal feet

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer R&D (Sewer line repair)		150,000	150,000	150,000	150,000	150,000	2,736,521
	Sewer R&D (Sewer line rehabilitation)		150,000	150,000	150,000	150,000	150,000	
			300,000	300,000	300,000	300,000	300,000	2,736,521

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost							
	B. Construction Cost		240,000	240,000	240,000	240,000	240,000	2,119,827
	C. Contingencies (10% of B)		24,000	24,000	24,000	24,000	24,000	211,983
	D. Design & Engineering (15% of B)		36,000	36,000	36,000	36,000	36,000	317,974
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other (additional engineering)							
			300,000	300,000	300,000	300,000	300,000	2,649,784

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Steve King	Public Works	3/19/2008	12/3/2008 11:27	CJK	45

CAPITAL IMPROVEMENT PROGRAM

Project Rating

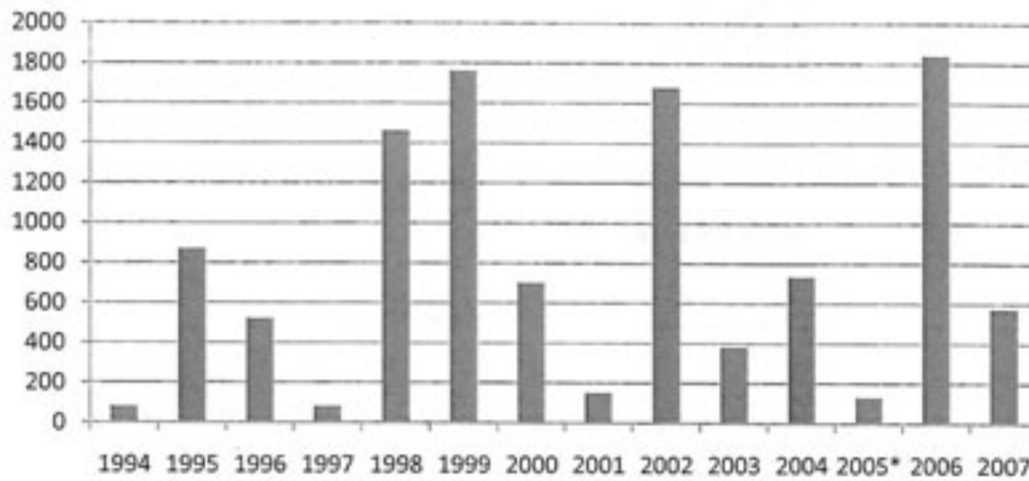
(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #
Wastewater Facilities	Sewer Pipe Rehabilitation Program		WW-09

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	

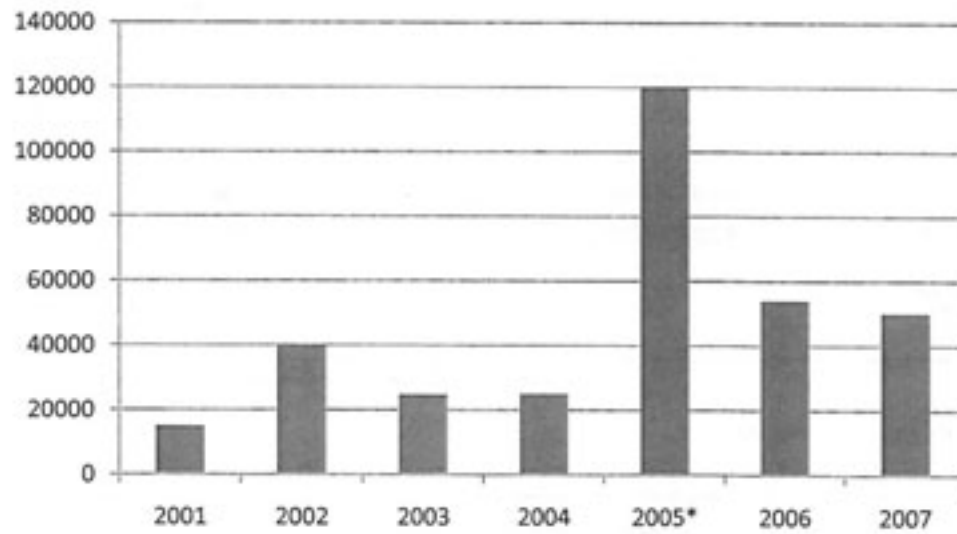
Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	A small investment in line rehabilitation will reduce the need for plant expansion, 100% leveraging.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	Reduction of inflow resulting from sewer repairs enhances treatment plant capacity.	4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	Repair of older sewer lines helps reduce water pollution resulting in better water well protection.	3	6
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Maintenance of the wastewater collection system is a necessary obligation.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	Providing additional capacity allows the City to continue providing sewer services to the adjacent unsewered areas, per the 2001 Wastewater Facility Plan.	4	8
Total Score				45

Sewer Mains Repaired Annually (Lineal Feet)



* 2005 main focus was main replacement rather than repair (Birch and Broadway mains).

Sewer Mains Video Inspected Annually (Lineal Feet)



CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
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WW-10

Description and justification of project and funding sources:

Five sewage lift stations are approaching the end of their service life. Additionally, these lift station are of obsolete design which hinders maintenance, requires confined space entry and egress and has potential for operational difficulties. This project will replace pumps, equipment, controls, coat the inside of the existing wet wells with polyurethane and eliminate confined space entries for maintenance. This project will bring these critical lift stations up to current lift station standards established by the City and maximize safe and reliable service. The five sewage lift stations with this design should be upgraded and rehabilitated in the next five years:

2009 - Caras Park (designed and under review at Department of Environmental Quality)

2010 - Reserve St.

2011 - Dickens St.

2012 - East Missoula

2013 - Grant Creek

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded:

Funded in Prior Years

Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
Sewer R&D		160,000	300,000	200,000	200,000	200,000	40,000
		160,000	300,000	200,000	200,000	200,000	40,000

How is this project going to be spent:

Spent in Prior Years

Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
A. Land Cost							
B. Construction Cost		128,000	240,000	160,000	160,000	160,000	-
C. Contingencies (10% of B)		12,800	24,000	16,000	16,000	16,000	-
D. Design & Engineering (15% of B)		19,200	36,000	24,000	24,000	24,000	-
E. Percent for Art (1% of B)							
F. Equipment Costs							
G. Other (additional engineering)							
		160,000	300,000	200,000	200,000	200,000	-

Does this project have any additional impact on the operating budget:

Spent in Prior Years

Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
Personnel							
Supplies							
Purchased Services							
Fixed Charges							
Capital Outlay							
Debt Service							
		-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:

Responsible Department:

Date Submitted to Finance

Today's Date and Time

Preparer's Initials

Total Score

Starr Sullivan

Public Works

3/19/2008

12/3/2008 16:40

CJK

40

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #	
WASTEWATER	#REF!			
Qualitative Analysis	Yes	No	Comments	
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X		
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X		
Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	No General Fund money will be used for the project.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 1	Project is a system upgrade.	4	4
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	Will improve protection of the environment.	3	9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Wastewater operations are essential for continued sewer service to the community.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 1	This project fulfills obligations outlined in the Wastewater Facilities Plan.	4	4
Total Score			40	

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	South 7th Street West Sanitary Sewer SID			WW-12

Description and justification of project and funding sources:

This is an SID project to provide City sanitary sewer service to City residents fronting South 7th Street West for potentially 2-1/2 blocks west of Russell Street. The City currently has sanitary sewer mains in South 6th Street West and in the alley between South 7th Street West and South 8th Street West. There is also a sanitary sewer main in South 7th Street West between Catlin and Garfield Streets.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	SID Assessments		62,500					
			62,500	-	-	-	-	-

How is this project going to be spent

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost							
	B. Construction Cost		50,000	-	-	-	-	-
	C. Contingencies (10% of B)		5,000	-	-	-	-	-
	D. Design & Engineering (15% of B)		7,500	-	-	-	-	-
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other							
			62,500	-	-	-	-	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Kevin Slovorp	Public Works	3/19/2008	12/3/2008 11:29	CJK	52

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #
Wastewater Facilities	South 7th Street West Sanitary Sewer SID		WW-12

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	

Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	No impact on the General Fund.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	One property owner needs to resolve her septic problems as soon as possible.	4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	The project would provide a sewer main to several properties on septic systems.	3	9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Extension of public sewer in the heart of the City.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 3	Part of the Sewer Master Plan.	4	12
Total Score				52

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Traffic Attenuator			WW-13

Description and justification of project and funding sources:

Purchase of a truck or trailer mounted traffic attenuator (crash cushion) for use during sewer collection system maintenance activities on high-volume, high-speed streets to reduce personal injury in the event of a rear-end vehicle collision. The attenuator would be mounted or pulled by a pilot vehicle for use specifically on Reserve, Brooks and other streets during mobile sewer system maintenance operations as required and recommended by the Manual on Uniform Traffic Control Devices, 2003 Edition, (MUTCD) published by the Federal Highway Administration.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Sewer R&D		18,500					
			18,500	-	-	-	-	-

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost B. Construction Cost C. Contingencies (10% of B) D. Design & Engineering (15% of B) E. Percent for Art (1% of B) F. Equipment Costs G. Other (additional engineering)		18,500					
			18,500	-	-	-	-	-

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel Supplies Purchased Services Fixed Charges Capital Outlay Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Starr Sullivan	Public Works		12/3/2008 11:29	CJK	43

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:			09 Project #
Wastewater Facilities	Traffic Attenuator			WW-13

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	The MUTCD recommends use of a traffic attenuator during mobile operations on high-speed, high-volume streets. The MUTCD is the nationally recognized standard of traffic control procedures.
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	Purchase of this item could drastically reduce personal injury to the public and city sewer crews in the event of a rear-end vehicle collision.

Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	Safety equipment which could save lives and reduce City liability.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	This piece of equipment will be used year-round and has been requested as a result of safety concerns by Wastewater Division personnel, specifically for work on Reserve and Brooks.	4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) -		3	-
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2	Will improve the safety of traveling public and City crews during sewer maintenance activities.	4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 3	Will enhance the safety of the public and sewer maintenance crews.	4	12
Total Score				43

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Wastewater Facility 300 KVA Portable Generator			WW-14

Description and justification of project and funding sources:

The purpose of this generator is to supply emergency power to the treatment facility or any subunit of the plant. In the event of a failure of the main backup generator, this portable generator could be wired in its place. It will also provide critical back-up for the power feed cables or distribution panel of subunits like the Headworks Building or Primary Effluent Lift Pump Building. This generator would also be used as redundant emergency power for the Reserve Street Lift Station and the future Maloney Ranch Lift Station. We do not have a portable generator capable of running these stations and buildings.

Approximately once each year, we have rented a larger unit to allow for an outage at the Headworks in order to perform maintenance to the distribution panel in that building. The same goes for annual maintenance on the main plant generator. These rented units suffice for planned maintenance, but they are not always available on short notice. Owning our own 300 KVA generator would offset approximately \$1,500 per year in rental fees.

General Specification: 300 KVA, 480 Volt, 3 phase, 450 Amps; trailer mounted with a 1-hour tank.

Budget Estimate: \$50,000

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded

Funded in Prior Years

Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
Sewer R&D		50,000					
		50,000	-	-	-	-	-

How is this project going to be spent

Spent in Prior Years

Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
A. Land Cost		-	-	-	-	-	-
B. Construction Cost		-	-	-	-	-	-
C. Contingencies (10% of B)		-	-	-	-	-	-
D. Design & Engineering (15% of B)		-	-	-	-	-	-
E. Percent for Art (1% of B)		-	-	-	-	-	-
F. Equipment Costs		50,000					
G. Other		50,000	-	-	-	-	-

Does this project have any additional impact on the operating budget:

Spent in Prior Years

Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	
Personnel							
Supplies							
Purchased Services		(15,000)					
Fixed Charges							
Capital Outlay							
Debt Service		(15,000)	-	-	-	-	-

Description of additional operating budget impact: Operating budget reduction for annual rental fees of approximately \$15,000.

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Starr Sullivan	Public Works	3/19/2008	12/3/2008 11:30	CJK	49

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #
Wastewater Facilities	Wastewater Facility 300 KVA Portable Generator		WW-14

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	If the Headworks or Primary Effluent Lifts fail, the City could potentially be placed in a raw sewage bypass situation to the Clark Fork River.

Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	No General Fund dollars used.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2		4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	Could prevent a potential sewage bypass to the Clark Fork River.	3	6
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 3	Sanitary sewer service is an essential City service.	4	12
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	Community Livability and public health and safety.	4	8
Total Score				49

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2009-2013

Program Category:	Project Title:	07 Project #	08 Project #	09 Project #
Wastewater Facilities	Rattlesnake Neighborhood Wastewater Collection System	WW-05	WW-02	WW-15

Description and justification of project and funding sources:

Portions of central and upper Rattlesnake Valley are served by onsite septic systems that contaminate ground waters and impact Rattlesnake Creek and Missoula Aquifer water quality. These areas ranked as a priority for installation of wastewater collection systems. A petitioned SID was created for over 120 housing units in the Central Valley in 2000. Construction of SID 528 was completed in 2001. Completion of the Rattlesnake sewer collection system will be funded by a combination of SID assessments, State and Federal grants, and City sewer utility funds. Portions of the project completed to-date, including 157 properties in sub-SIDs:

FY2003 - Preliminary design was completed

FY2004 - Gilbert Street property owners petitioned to create SID 533 (completed 2006)

FY2005 - Lincolnwood property owners petitioned to create SID 534 and 536 (completed 2006)

Construction on the sewer to serve the remaining 320 properties is planned for 2009.

Is this equipment prioritized on an equipment replacement schedule?

Yes

No

NA

X

Are there any site requirements:

How is this project going to be funded:

REVENUE	Funding Source	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Funded in Prior Years
	Assessments		936,000	2,392,000				716,000
	Revenue Bond		1,560,946	2,862,000				671,000
	Grant Funds TSEP			482,100				
	Grant Funds DNRC			70,000				
			2,496,946	5,806,100	-	-	-	1,387,000

How is this project going to be spent:

EXPENSE	Budgeted Funds	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	A. Land Cost							
	B. Construction Cost		1,997,557	4,644,680	-	-	-	1,104,800
	C. Contingencies (10% of B)		199,756	464,468	-	-	-	110,480
	D. Design & Engineering (15% of B)		299,634	696,732	-	-	-	165,720
	E. Percent for Art (1% of B)							
	F. Equipment Costs							
	G. Other (additional engineering)							
			2,496,946	5,806,100	-	-	-	1,381,000

Does this project have any additional impact on the operating budget:

OPERATING BUDGET COSTS	Expense Object	Accounting Code	FY 09	FY 10	FY 11	FY 12	FY 13	Spent in Prior Years
	Personnel							
	Supplies							
	Purchased Services							
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Steve King	Public Works	3/19/2008	12/3/2008 11:31	CJK	44

CAPITAL IMPROVEMENT PROGRAM

Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:		09 Project #
Wastewater Facilities	Rattlesnake Neighborhood Wastewater Collection System		WW-15

Qualitative Analysis	Yes	No	Comments
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		X	
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		X	
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		X	
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		X	This area ranks number five in the Missoula Valley Water Quality District's Unsewered Area Study. It is number two for areas in the city limits.

Quantitative Analysis	Raw Score Range	Comments	Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?	(0-3) 3	This SID would be matched for 50% revenue bond matching.	5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 1		4	4
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 3	Protection of the sole source aquifer.	3	9
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?	(0-2) 2		4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 2	The project enhances community livability by protecting the environment. The project has been identified in the updated Wastewater Facilities Plan.	4	8
Total Score				44

