

JOURNAL OF CITY COMMISSION WORK SESSION
September 3, 2019

City Commission Work Session
Civic Center, Gibson Room 212

Mayor Pro Tempore Bronson presiding

CALL TO ORDER: 5:30 p.m.

CITY COMMISSION MEMBERS PRESENT: Bill Bronson, Tracy Houck, Owen Robinson, and Mary Sheehy Moe. Mayor Bob Kelly was excused.

STAFF PRESENT: City Manager Greg Doyon and Deputy City Manager Chuck Anderson; City Attorney Sara Sexe; Finance Director Melissa Kinzler; Public Works Director Jim Rearden, Water Plant Manager Wayne Loveless, and Environmental Division Manager Paul Skubinna; and, City Clerk Lisa Kunz.

PUBLIC COMMENT

None.

1. WATER, SEWER AND STORM DRAIN UTILITY RATE REVIEW.

Public Works Director Jim Rearden introduced those involved in the rate review: Water Plant Manager Wayne Loveless, Environmental Division Manager Paul Skubinna, Utilities System Manager Mike Judge, Finance Director Melissa Kinzler, Utility Operations Supervisor Laura Lynch, and Budget Analyst Kirsten Myre.

Director Rearden reviewed and discussed the attached PowerPoint presentation covering the water utility, water main replacement, 5 year completed projects, future priority capital needs, and storm drain utility.

Water Plant Manager Loveless reviewed and discussed the attached PowerPoint slides covering the water treatment plant facility upgrades.

Referring to water crossings, City Manager Doyon received clarification that larger scale projects have been regulatory driven, and the Long Range Transportation Plan is used to project growth areas.

Environmental Division Manager Skubinna reviewed and discussed the attached PowerPoint slides covering the wastewater treatment plant, and storm drain utility. He explained that BOD is Biologic Oxygen Demand and TSS is Total Suspended Solids. Environmental Division Manager Skubinna commented that there is enough space at the wastewater treatment plant for the improvements and upgrades.

Finance Director Kinzler reviewed and discussed the attached PowerPoint slides covering the sewer fund cash flow analysis. Referring to the water fund, Director Kinzler explained that \$13.1 million of capital improvements will be done this year with cash. She further explained that there needs to be a substantial and identified cash balance in order to be utilized for capital improvements.

Commissioner Houck received clarification that adjustments in the residential rates versus the commercial rates were made subsequent to a Cost of Service Study.

DISCUSSION OF POTENTIAL UPCOMING WORK SESSION TOPICS

Referring to the ongoing updates on the Animal Shelter, City Manager Greg Doyon reported that a meeting is scheduled on September 6th to review a worksheet on comparisons. The Library Strategic Planning will be discussed at the September 17th work session. The October 1st work session will consist of an update of the Development Review Process, as well the Montana Expo Park Project.

ADJOURN

There being no further discussion, Mayor Pro Tempore Bronson adjourned the informal work session of September 3, 2019 at 6:33 p.m.

City of Great Falls 2019 Utility Rate Analysis

Presented at the September 3, 2019
City Commission Work Session

CITY OF GREAT FALLS UTILITIES

- ❑ Provides water, sewer and storm drain services to:
 - ❑ Approximately 18,900 Residential Properties
 - ❑ Approximately 2,980 Commercial Properties (64,000+ users)

This includes operations, maintenance, replacement, upgrade of 690+ miles of utility pipes, treatment plants and appurtenances.

Proposed Rate Adoption Process

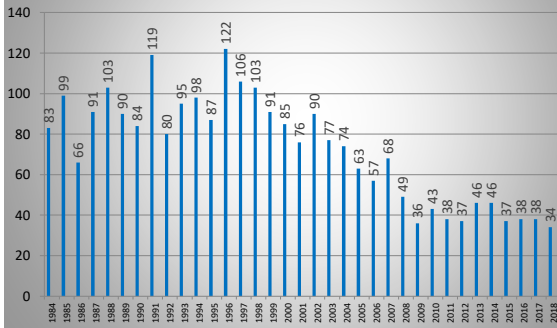
- ❑ Proposed Rates are being presented at tonight's September 3, 2019 City Commission Work Session
- ❑ September 3, 2019 - City Commission sets the Public Hearing Date
- ❑ Public Notices will be published three times
- ❑ Individual Customer Notices will be mailed
- ❑ Public Hearing to be held at the Oct. 1, 2019 City Commission Meeting
- ❑ New Rates to take effect at least 10 days after City Commission adoption. Proposed for November 1, 2019.

WATER UTILITY



3rd Ave SW & 8th St

WATER MAIN BREAKS (1983-2018)



WATER MAIN REPLACEMENT

YEAR	COST	FOOTAGE	MILES
2009	\$2,187,471	17,672	3.35
2010	\$2,335,886	15,923	3.02
2011	\$1,556,083	13,072	2.48
2012	\$1,531,862	9,246	1.75
2013	\$1,680,436	12,831	2.40
2014	\$1,388,989	7,392	1.40
2015	\$1,672,072	4,182	0.79
2016	\$1,688,250	9,608	1.82
2017	\$1,610,581	8,614	1.63
2018	\$2,061,000	8,843	1.67



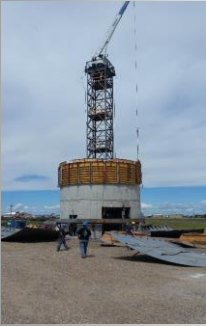
ELLA AVENUE TANK



SKYLINE TANK



NEW GORE HILL WATER TOWER



In Service



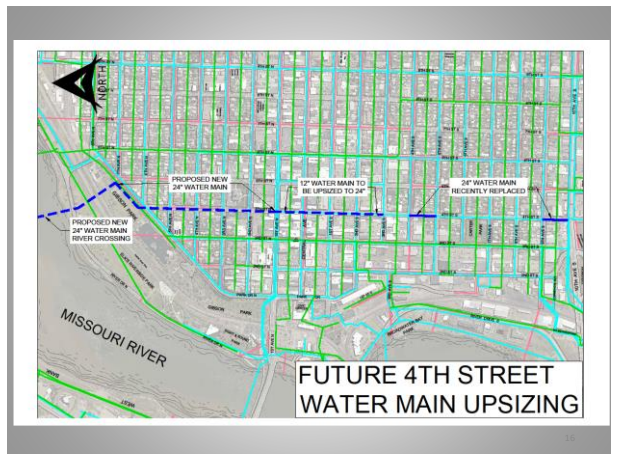
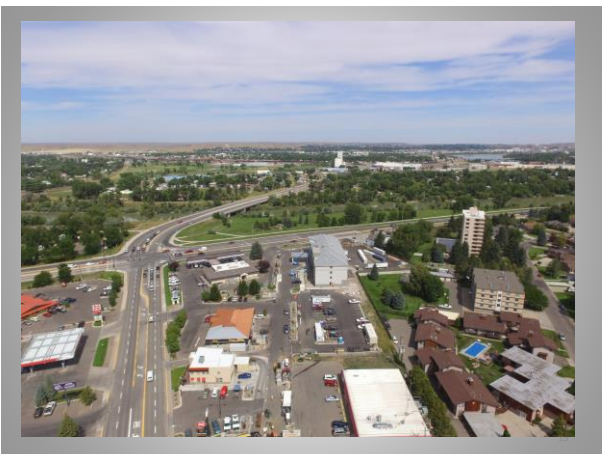
In Service Fall of 2018



WATER MAIN RIVER CROSSINGS



LEGEND
 EXISTING DESCRIPTION
 WATER MAIN CROSSING
 WATER MAIN CROSSING
 WATER MAIN CROSSING



Water Treatment Plant Facility Upgrades

Fully Operational in February 2019



FILTER REHABILITATION PHASE (I OF III) STARTS FALL 2019

New Media, Under drain and Air Scour System



5 Year Completed Projects

- Annual Water Main Replacements
- South Missouri & Sun River Crossings
- Ella Avenue and Skyline Water Storage Tank Rehab
- Gore Hill Water Tank Replacement (Fall 2018 completion)
- Lower Southside Water Main Replacements/Upsizing
- Broadwater 30" Water Main Replacement
- Hill 57 and Gore Hill Pump Station Upgrades
- Water Treatment Plant Upgrades (Fall 2018 completion)
- Cost of Service Study

19

FUTURE PRIORITY CAPITAL NEEDS

Water Main Replacements

- 40 Blocks Annually

Transmission Mains/River Crossings

- New North Missouri River Crossing
- Further Lower Southside/Northside Main Upsizings

Water Storage Tanks

- New East Booster District Tank and Pump Station

Water Plant Upgrades

- Electrical Switchgear upgrades
- Filter Rehab – Phase I of III to Begin Winter of 2019-2020
- Machine Shop/Admin. Building Replacement
- Sludge Processing Facility
- High and Low Service Pump/Motor Replacement
- Electrical Substation Replacement

20

SANITARY SEWER COLLECTION REHAB AND REPLACEMENT

YEAR	COST	FOOTAGE	MILES	EMER. REPAIRS
2010	\$ 536,736	6,420	1.22	\$ 26,616
2011	\$1,218,161	11,475	2.17	\$ 55,745
2012	\$1,223,120	14,760	2.80	\$ 66,846
2013	\$ 380,000	13,400	2.54	\$ 47,815
2014	\$ 373,617	13,882	2.63	\$ 23,925
2015	\$ 448,384	11,574	2.19	\$ 156,076
2016	\$ 580,775	15,699	2.97	\$ 109,287
2017	\$ 528,000	12,789	2.42	\$ 17,000
2018	\$1,792,690	22,741	4.31	\$ 0
2019 (est.)		23,300 (est.)	4.41 (est.)	\$ 0

WASTEWATER TREATMENT PLANT



Discharge Permit Renewal - Appealed

- Permit Issued Final July 12, 2019
- Appeal filed August 12, 2019
- New Limits
 - Di(2-Ethylhexyl) Phthalate, and
 - Cyanide
- Revised limits for naturally occurring Arsenic



2400kV Maintenance

- Cable replacement program.
- Eliminate water intrusion.
- Transformers, oil switch and other miscellaneous maint.

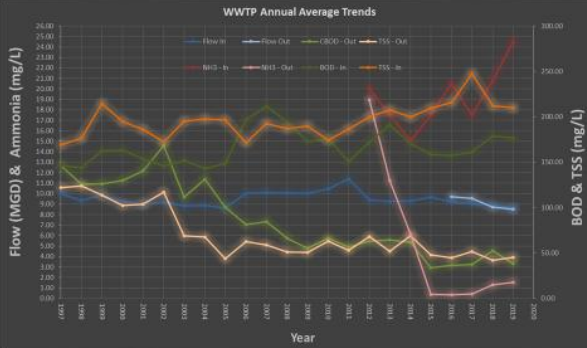


Process Water Underdrain Pumps

- Replace pumps original design pumps to achieve original operational capabilities.



Waste Water Completed Projects Effects



Nutrients Capital Improvement – Treatment Plant

Unit Process	Year Expected	Capital Cost Estimate
Missouri River Nutrient Sampling and Modeling	2022-2023	\$250,000
Upgrade Bioreactors to A2O Process	2025	\$1,500,000
Add Sidestream Treatment or Chemical Dosing	2025	\$3,000,000
Build 4 th Bioreactor	2026-2027	\$10,000,000
Improve Clarifiers	2032 or Possible Future	\$2,000,000
Upgrade to MBR	Possible Future	\$63,000,000

5 Year Completed Projects

- Annual Trenchless Sewer Main Rehabilitations
- WWTP Permit Required Upgrades (Ammonia Removal, Aeration Upgrades, UV Disinfection)
- North Great Falls Lift Station, Force & Gravity Mains
- WWTP Dissolve Air Flotation Thickener (DAFT) Rehab
- Lift Stations 2, 9, 20 & 24 Rehabilitation – Lift Station 8 Eliminated
- Southeast Great Falls Lift Station (6) & Main (Wal-Mart)
- CMATP Sewer Main extensions
- Cost of Service Study

FUTURE CAPITAL NEEDS

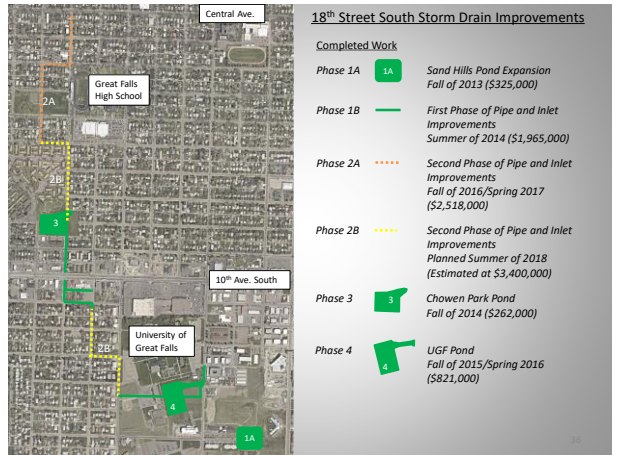
- Upsizing/Capacity**
 - Riverview Area
- Sewer Main Lining**
 - 40 blocks per year
- WWTP/Lift Station Capital Needs**
 - Westside Pump Station Bar Screen Replacement
 - Lift Station #1 (6th Street) Rehab and Missouri River Crossing
 - Lift Stations 30, and 31 maintenance and replacement
 - Annual Electrical Cable Replacement
 - Sun River Crossing
 - Add and Replace BioSolids Centrifuges
- Large Diameter Gravity Mains**
 - Refurbish 6th Street & 3rd Street Trunk Mains

YEAR	PROJECT DESCRIPTION	ESTIMATED COST	FY 2019		FY 2020		FY 2021		FY 2022		FY 2023		FY 2024	
			2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
Standard Sewer System														
B1	Standard Sewer System	1,100,000	1,100,000											
B2	Standard Sewer System - Phase 2	1,100,000		1,100,000										
B3	Standard Sewer System - Phase 3	1,100,000			1,100,000									
B4	Standard Sewer System - Phase 4	1,100,000				1,100,000								
B5	Standard Sewer System - Phase 5	1,100,000					1,100,000							
B6	Standard Sewer System - Phase 6	1,100,000						1,100,000						
B7	Standard Sewer System - Phase 7	1,100,000							1,100,000					
B8	Standard Sewer System - Phase 8	1,100,000								1,100,000				
B9	Standard Sewer System - Phase 9	1,100,000									1,100,000			
B10	Standard Sewer System - Phase 10	1,100,000										1,100,000		

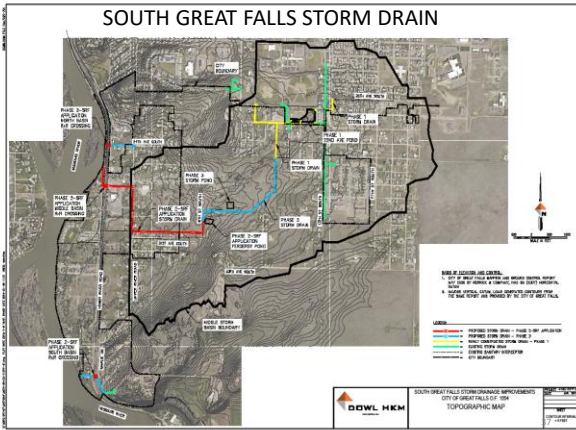
	Actuals 2015	Actuals 2016	Actuals 2017	Actuals 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024
City of Great Falls, Montana Sewer Fund										
Cash Flow Analysis as of 7/22/2019 - 5 Year Projection (2% revenue increases and 5% expense increases)										
Beginning Unrestricted Cash Balance	\$ 4,122,785	\$ 5,581,512	\$ 5,450,691	\$ 4,846,778	\$ 7,182,198	\$ 5,419,886	\$ 4,225,071	\$ 5,364,530	\$ 7,015,801	\$ 5,113,890
Revenues										
Revenue from sewer charges	\$ 9,844,938	\$ 9,582,573	\$ 10,082,948	\$ 10,188,737	\$ 10,403,456	\$ 10,743,897	\$ 10,654,769	\$ 10,657,744	\$ 10,839,889	\$ 11,088,317
Extra strength charge	\$ 154,885	\$ 171,025	\$ 176,444	\$ 184,811	\$ 194,750	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Storm drain and water sludge	\$ 154,769	\$ 154,769	\$ 146,000	\$ 124,368	\$ 133,675	\$ 133,675	\$ 133,675	\$ 133,675	\$ 133,675	\$ 133,675
Miscellaneous revenue	\$ 49,153	\$ 505,181	\$ 265,479	\$ 160,013	\$ 210,877	\$ 85,240	\$ 86,092	\$ 86,963	\$ 87,823	\$ 88,701
Investment income	\$ 45,481	\$ 2,302	\$ -	\$ -	\$ 295,668	\$ -	\$ -	\$ -	\$ -	\$ -
Decrease in receivables	\$ -	\$ 782,245	\$ -	\$ 321,417	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond proceeds / other financing sources	\$ 4,634,610	\$ 387,147	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 15,483,784	\$ 12,186,853	\$ 11,278,671	\$ 11,738,375	\$ 11,827,412	\$ 11,162,806	\$ 11,368,536	\$ 11,578,973	\$ 11,792,387	\$ 12,010,693
Expenses										
Operation and maintenance expense	\$ 5,314,345	\$ 4,802,569	\$ 5,590,107	\$ 5,931,102	\$ 5,736,866	\$ 6,023,711	\$ 6,324,897	\$ 6,641,142	\$ 6,973,199	\$ 7,321,859
Increased Reserve Requirement	\$ 340,086	\$ 18,357	\$ 87,540	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Decrease in Payables	\$ 154,189	\$ -	\$ 437,717	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonds 2002 SRF**	\$ 682,580	\$ 682,700	\$ 682,580	\$ 682,580	\$ 682,580	\$ 682,580	\$ 682,580	\$ 339,360	\$ -	\$ -
Bonds 2007	\$ 381,196	\$ 758,196	\$ 675,143	\$ 631,156	\$ 610,896	\$ 654,730	\$ -	\$ -	\$ -	\$ -
Bonds 2009 ARRA - SRF	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515	\$ 20,515
Bonds 2012 SRF	\$ 253,280	\$ 254,785	\$ 254,085	\$ 254,085	\$ 254,085	\$ 254,085	\$ 254,085	\$ 254,085	\$ 254,085	\$ 254,085
Bonds 2013 SRF	\$ 846,749	\$ 896,785	\$ 947,000	\$ 947,000	\$ 947,000	\$ 947,000	\$ 947,000	\$ 947,000	\$ 947,000	\$ 947,000
Capital Improvements - Debt Funded	\$ 4,184,514	\$ 387,147	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Improvements - Unrestricted Cash	\$ 1,827,584	\$ 4,360,620	\$ 3,147,097	\$ 934,517	\$ 5,337,778	\$ 3,775,000	\$ 2,000,000	\$ 1,725,000	\$ 5,500,000	\$ 2,280,000
Total Expenses	\$ 14,025,067	\$ 12,368,654	\$ 11,841,784	\$ 9,400,956	\$ 13,889,724	\$ 12,387,621	\$ 10,229,077	\$ 9,927,102	\$ 13,694,799	\$ 10,793,459
Annual Surplus (Deficiency)	\$ 1,458,727	\$ (171,801)	\$ (563,113)	\$ 2,337,420	\$ (1,762,312)	\$ (1,184,815)	\$ (1,139,459)	\$ (1,653,271)	\$ (1,192,402)	\$ 1,217,234
Ending Unrestricted Cash Balance	\$ 5,581,512	\$ 5,450,691	\$ 4,846,778	\$ 7,182,198	\$ 5,419,886	\$ 4,225,071	\$ 5,364,530	\$ 7,015,801	\$ 5,113,890	\$ 6,330,693
*Debt paid off in 2/1/2020.										34
**Debt paid off in 1/1/2022.										



STORM DRAIN UTILITY



- 18th Street South Storm Drain Improvements**
- Completed Work**
- Phase 1A** (Green square) Sand Hills Pond Expansion
Fall of 2013 (\$325,000)
 - Phase 1B** (Red line) First Phase of Pipe and Inlet Improvements
Summer of 2014 (\$1,965,000)
 - Phase 2A** (Blue dashed line) Second Phase of Pipe and Inlet Improvements
Fall of 2016/Spring 2017 (\$2,518,000)
 - Phase 2B** (Green dashed line) Second Phase of Pipe and Inlet Improvements
Planned Summer of 2018 (Estimated at \$3,400,000)
 - Phase 3** (Green square) Chawen Park Pond
Fall of 2014 (\$262,000)
 - Phase 4** (Green square) UGF Pond
Fall of 2015/Spring 2016 (\$821,000)



Storm Water Quality – MS4

- Maintain and update existing City owned treatment facilities.
- Treatment facility upsizing upon development.
- Evolve and Implement MS-4 program.



5 Year Completed Projects

- 18th Street South Basin – Final Phase Completed Fall of 2019
- 9th Street South Storm Main Extension
- Central Avenue 400 and 500 Block Improvements
- Northwest Great Falls - 6th Street NE Detention Pond
- Northwest Great Falls - 11th Street NE Pond/Piping/Regrading
- Northwest Great Falls – Smelter Avenue Storm Main Upsizing
- South Great Falls Basin – 22nd Avenue South Detention Pond/Piping Improvements
- South Great Falls Middle Basin – Missouri River to 6th Street South Installation
- Prospect Heights/16th Ave. So. Main upsizing (Fall 2018)
- NW Alleys Storm Drain Extensions

FUTURE CAPITAL NEEDS

- ❑ **Upsizing/Extensions**
 - CMATP Storm Drain System
 - Valerian Way, Phase 2
 - 3rd Street NW/NW Bypass – New Outfall
 - NW Great Falls, Westgate Phase
 - Smith Coulee/Berkner Ponds
 - 9th Avenue South Main Extensions
 - South Great Falls Storm Drain Project, Future Phases
- ❑ **MS-4 Phase II Permit Related Activities**
 - Monitoring & Testing
 - Storm Drain code revisions
 - Contracted Services and staff to develop and implement programs that meet 2017 Discharge Permit requirements
 - Development review
 - Regional Treatment Facilities
- ❑ **North Great Falls Master Plan**
 - Vineyard Road Regional Detention Pond/Watson Coulee Drainage
 - Connecting Collection and Outfall Piping

CITY OF GREAT FALLS
CAPITAL IMPROVEMENT PLAN
STORM DRAIN SYSTEM
PROJECT COSTS
2017 TO 2024

FY	PROJECT	ESTIMATED COST	2017		2018		2019		2020		2021		2022		2023		2024	
			ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL	ESTIMATED	AVAIL
2017	Storm Drain System	1,000,000	1,000,000	1,000,000														
2018	Storm Drain System	1,000,000		1,000,000														
2019	Storm Drain System	1,000,000			1,000,000													
2020	Storm Drain System	1,000,000				1,000,000												
2021	Storm Drain System	1,000,000					1,000,000											
2022	Storm Drain System	1,000,000						1,000,000										
2023	Storm Drain System	1,000,000							1,000,000									
2024	Storm Drain System	1,000,000								1,000,000								
	TOTAL	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000

City of Great Falls, Montana
Storm Drain Fund
Cash Flow Analysis as of 7/22/2019 - 5 Year Projection (5% revenue increases and 5% expense increases)

	Actuals 2016	Actuals 2017	Actuals 2018	Projected 2019 (10% increase)	Projected 2020 (5% increase)	Projected 2021 (5% increase)	Projected 2022 (5% increase)	Projected 2023 (5% increase)	Projected 2024 (5% increase)
Beginning Unrestricted Cash Balance	\$ 1,873,737	\$ 1,774,802	\$ 2,369,861	\$ 2,890,917	\$ 1,853,180	\$ 1,156,031	\$ 1,362,802	\$ 1,383,383	\$ 1,822,481
Revenues									
Revenue from storm drain charges	\$ 2,105,173	\$ 2,410,858	\$ 2,950,800	\$ 2,878,878	\$ 3,022,822	\$ 3,173,963	\$ 3,332,891	\$ 3,499,294	\$ 3,674,259
Interest income	\$ 15,375	\$ -	\$ 91,086	\$ 174,886	\$ 9,266	\$ 3,780	\$ 6,814	\$ 6,917	\$ 9,112
Miscellaneous revenue	\$ 97,861	\$ -	\$ 374,670	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer in	\$ 104,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Decrease in Acct Receivable	\$ 51,494	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond proceeds	\$ -	\$ 4,183,530	\$ 1,026,843	\$ 2,053,721	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ 2,373,891	\$ 6,594,390	\$ 4,953,498	\$ 5,940,196	\$ 3,032,088	\$ 3,178,743	\$ 3,339,475	\$ 3,506,211	\$ 3,683,371
Expenses									
Operation and maintenance expenses*	\$ 412,780	\$ 630,498	\$ 650,395	\$ 833,056	\$ 874,709	\$ 918,444	\$ 964,366	\$ 1,012,585	\$ 1,063,214
Increased (decreased) reserve requirement	\$ -	\$ 223,862	\$ 30,296	\$ 78,118	\$ -	\$ -	\$ -	\$ -	\$ -
Decrease in Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service									
Bonds 2004 SRP**	\$ 286,263	\$ 286,736	\$ 286,973	\$ 286,736	\$ 286,736	\$ 286,736	\$ 286,736	\$ 286,736	\$ 286,736
Bonds 2016 SRP \$5,000,000	\$ -	\$ 228,901	\$ 318,214	\$ 318,214	\$ 318,214	\$ 318,214	\$ 318,214	\$ 318,214	\$ 318,214
Bonds 2018 SRP \$3,270,000	\$ -	\$ -	\$ 56,607	\$ 224,213	\$ 248,578	\$ 248,578	\$ 248,578	\$ 248,578	\$ 248,578
Capital improvements - debt funded	\$ -	\$ 4,183,530	\$ 1,026,843	\$ 2,053,742	\$ -	\$ -	\$ -	\$ -	\$ -
Capital improvements - unrestricted cash	\$ 1,873,553	\$ 446,402	\$ 1,487,614	\$ 2,288,884	\$ 2,000,000	\$ 1,200,000	\$ 1,500,000	\$ 1,200,000	\$ 1,100,000
Total Expenses	\$ 2,272,596	\$ 5,999,331	\$ 3,872,442	\$ 6,986,533	\$ 3,729,237	\$ 2,972,972	\$ 3,318,884	\$ 3,067,113	\$ 3,017,742
Annual Surplus (Deficiency)	\$ 101,295	\$ 595,059	\$ 521,056	\$ 1,037,727	\$ 697,149	\$ 206,771	\$ 20,891	\$ 439,098	\$ 665,629
Ending Unrestricted Cash Balance	\$ 1,774,802	\$ 2,369,861	\$ 2,890,917	\$ 1,853,180	\$ 1,156,031	\$ 1,362,802	\$ 1,383,383	\$ 1,822,481	\$ 2,488,110

*Paid off on 10/1/2024.
**2017 increase of expenses due to 2 additional staff members.

2019
UTILITY SERVICE RATE
SUMMARY

Study Takeaways



- Your Water and Sewer systems are complex
- Your user base is diverse
- Past rate setting has been prudent
- Your Water and Sewer rates are affordable and competitive
- Adjustments projected are not expected to significantly impact your affordability
- Cost of Service based corrections over time will drive your utilities towards best practice

AVERAGE MONTHLY UTILITY BILL CITY OF GREAT FALLS RESIDENTIAL

3/4" meter, 600 ccf water, 600 ccf sewer
7,500 sq foot residential lot

	2017	2018	2019 (Proposed)	INCREASE	
WATER	\$19.35	17.64	WATER	\$18.35	\$0.71 (4%)
SEWER	\$23.49	23.72	SEWER	\$23.90	\$0.18 (1%)
STORM DRAIN	\$5.69	6.28	STORM DRAIN	\$6.60	\$0.32 (5%)
TOTAL	\$48.53	47.64	TOTAL	\$48.85	\$1.21 (3%)

2019 CITY COMPARISON RESIDENTIAL

Monthly water and sewer charges based on:
3/4" meter, 600 cf water, 600 cf sewer

City	Water rate	Sewer rate	Total
Bozeman	\$37.61	\$39.26	\$76.87
Butte	\$35.74	\$28.50	\$64.24
Missoula	\$34.63	\$20.79	\$55.42
Helena	\$25.65	\$25.94	\$51.59
Billings	\$22.13	\$27.02	\$49.15
Kalispell	\$19.21	\$29.89	\$49.10
Great Falls--proposed	\$18.35	\$23.90	\$42.25
Great Falls--current	\$17.64	\$23.72	\$41.36

2019 CITY COMPARISON COMMERCIAL

Monthly water and sewer charges based on:
1" meter, 2,400 cf water, 2,400 cf sewer

City	Water rate	Sewer rate	Total
Helena	\$94.58	\$102.32	\$196.90
Butte	\$91.84	\$83.03	\$174.87
Bozeman	\$68.48	\$100.71	\$169.19
Billings	\$59.55	\$89.53	\$149.08
Kalispell	\$52.50	\$94.25	\$146.75
Missoula	\$87.36	\$47.21	\$134.57
Great Falls--proposed	\$57.47	\$76.22	\$133.69
Great Falls--current	\$54.46	\$74.12	\$128.58

THE

END