JOURNAL OF COMMISSION WORK SESSION March 15, 2016

City Commission Work Session Civic Center, Gibson Room 212 Mayor Kelly presiding

CALL TO ORDER: 5:30 p.m.

CITY COMMISSION MEMBERS PRESENT: Bob Kelly, Bill Bronson, Bob Jones, Fred Burow and Tracy Houck.

STAFF PRESENT: City Manager and Deputy City Manager; City Attorney; Directors of Fiscal Services and Public Works; Public Works Environmental Division Supervisor, Utilities System Manager, City Engineer and Water Plant Supervisor; the City Clerk and Deputy City Clerk.

** Action Minutes of the Great Falls City Commission. Please refer to the <u>audio/video recording</u> of this meeting for additional detail. **

1. <u>PUBLIC COMMENT</u>

There were no comments from the public

2. INTRODUCTION AND UPDATE FROM NEIGHBORHOOD COUNCIL # 4

Mayor Kelly reported that the northern and eastern boundaries of Neighborhood Council (NC) 4 are the City limit line, the southern boundary is 10th Avenue South, the western is 36th Street from 10th Avenue South, north to 9th Avenue North, then east to 38th Street North, then north to the City limit line. He introduced Sandra Guynn and Curtis Finnicum, NC 4 Chair and Secretary, respectively.

Chairperson Guynn introduced fellow council member, Rudolf Tankink. She reported that Neighborhood Councils 4 and 5 partnered together on community meetings for the eastside retail development center project. Although the Walmart project is not within NC 4 boundaries, it will impact them. It is good to see Walmart breaking land, and their permits in the newspaper today. The council is also thrilled about SuperOne Foods because it will benefit the council. She also noted that NC 4 area is the second safest neighborhood in the City.

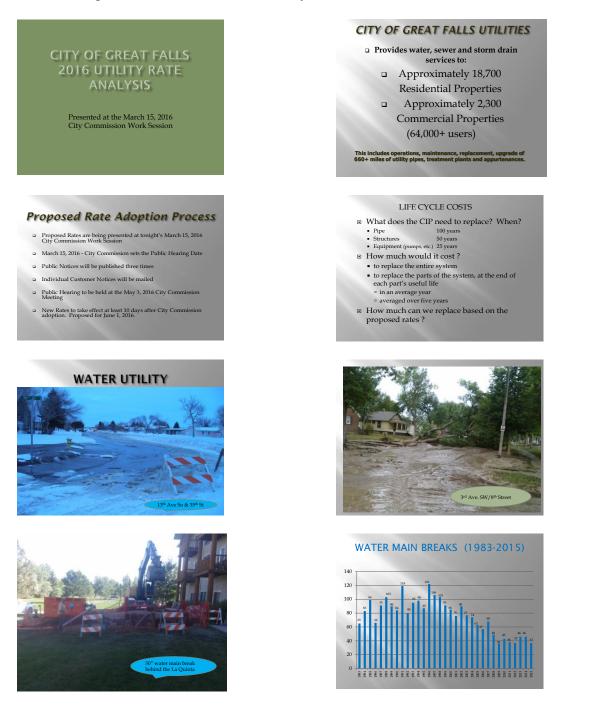
Chairperson Guynn concluded that NC 4 has the most county land within its boundaries. As a professional courtesy, the Council would like to be made aware of county projects, as well as see better communication between City and County governments.

Council Secretary Curtis Finnicum also expressed concerns of not being made aware of county projects until they are already happening.

Mayor Kelly suggested that Council Secretary Finnicum attend County Commission meetings to discuss his concerns with the County Commissioners. He further commented that the County Commission will be asked to notify the appropriate Neighborhood Council of county in-fill projects.

3. UTILITY RATE REVIEW

Public Works Director Jim Rearden explained that in the past five to eight years utility rates have been driven by regulatory permit cycles that come every five years. He provided and discussed the following PowerPoint slides on the utility rates:



WATER MAIN REPLACEMENT

YEAR	COST	FOOTAGE	MILES	
2008	\$1,948,587	11,688	2.21	
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	\$1,500,000	4,190	0.79	

Water Treatment Plant Facility Upgrades



Employee Safety

Ammonia Feed upgrades Regulatory Compliance

- UV Disinfection
- Reliability
- Replace Main Electrical Switchgear
- Replace Aging Infrastructure Site security/visitor access
- Administration Building Substation Upgrades

Chemical Feed & Disinfection System Upgrades







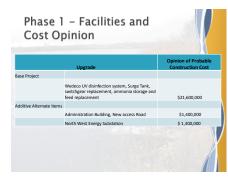
SLUDGE DEWATERING FACILITY

















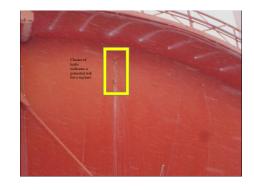


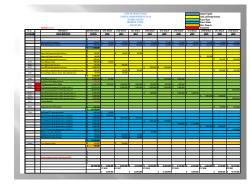
WATER SYSTEM PRIORITIES

- System Storage
 - Gore Hill Tank
 - East Booster District Storage
- Transmission Mains
 - South River Crossings
 - North System Upsizing/North River Crossing
- Water Plant
 - Electrical Switchgear
 - Filter UpgradesSludge Handling Facility

Upgrade	Opinion of Probable Construction Cost (\$M
Pump Replacement and Rehabilitation	\$ 1,000,000
Additional Chemical Feed Components	\$2,000,000
ow Service Pump Variable Speed Drives and S	oft Starters \$2,000,000
High Service Pump Soft Starters	\$5,000,000
Standby Power Generator for Headhouse, Filte Building	r Building and Admin. \$2,000,000
Sulfuric Acid Storage and Feed Building	\$1,000,000
Machine Shop	\$1,000,000
Machine Shop Emergency Power System Upgrades to Operat	







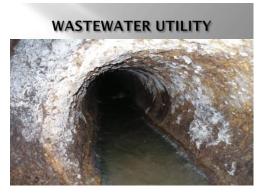
03/15/2016

	City of G	reat Falls, M	lontana				
	1	Vater Fund					
Cash Flow Analysis as of 3/2	/16 - 5 Year I	Projection (1	0% revenue	increases	and 5% exc	ense	
		increases)					
	Actuals 2015	Budgeted 2016 (10% inc)	Projected 2017 (10% inc)	Projected 2018 (10% inc)	Projected 2019 (10% inc)	Projected 2020 (10% inc)	Projected 2021 (10% inc)
Beginning Cash Balances	\$5,638,491	\$5,536,051	\$5,152,941	\$5,395,674	\$3,155,067	\$1,048,581	\$307,38
Bevenues							
Revenue from water charges	\$11,027,200	\$10.617.159	\$11.678.874	\$12,846,762	\$14,131,438	\$15,544,582	\$17.099.04
Interest income	\$42,954	50	\$51,529	\$53.957	\$31,551	\$10.405	\$3.07
Bond proceeds (\$2.7 million)	\$985,685	\$1,713,314					
Bond proceeds (\$28.6 million)			\$12,732,467	\$15,273,420	\$594,113		
Bond proceeds (\$20 million)							\$5,000.00
Decrease in receivables							
Total Revenues	\$12,056,850	\$12,330,473	\$24,462,871	\$28,174,139	\$14,757,102	\$15,555,068	\$22,102,11
Expenses							
Operation and maintenance expense (5%)	\$5,455,126	\$5,619,265	\$5,900,229	\$6,195,241	\$6,505,003	\$6,830,253	\$7,171,70
Increased/ (Decreased) reserve requirement	\$74,001	\$65,105	\$483,834	\$283,810	\$22,575	\$0	\$
Debt Service							
Existing bonds (SRF 2000)	\$202,610	\$202,010	\$201,360	\$201,640	\$201,842	\$201,842	\$201,840
Existing bonds (SRF 2008)	\$261,930	\$261,665	\$262,250	\$261,670	\$261,925	\$261,925	\$261,92
Existing bonds (ARRA 2009)	\$20,515	\$20,235	\$19,955	\$19,675	\$19,395	\$19,395	\$19,39
Existing Bonds for construction \$2,700,000	\$123,918	\$172,222	\$172,510	\$172,710	\$172,847	\$172,847	
Bonds for construction \$28,600,000 Bonds for construction \$20,000,000		\$894,000	\$1,830,000	\$1,830,000	\$1,830,000	\$1,830,000	\$1,830,00
Capital improvements- debt funded	\$912,685	\$1,648,208	\$12,250,000	\$15,000,000	\$571,537		\$5,000,00
Capital improvements- unrestricted cash	\$5,108,505	\$3,830,870	\$3,100,000	\$5,450,000	\$7,278,463	\$5,980,000	\$5,175,00
Total Expenses	\$12,159,290	\$12,713,582	\$24,220,138	\$30,414,746	\$16,863,588	\$16,296,262	\$20,472,77
Annual Surplus (Deficiency)	(\$102,440	(\$383,109)	\$242,733	(\$2,240,607)	(\$2,105,485)	(\$741,194)	\$1,629,33
Amount Reserved for Capital Improvements	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000			
Unrestricted Cash Balance	\$3,536,051	\$3,152,941	\$3,395,674	\$1,155,067	\$1,048,581	\$307,387	\$1,935,72
Total Cash Balance	\$5.536.051	\$5,152 Q41	55 305 674	\$3,155,057	\$1.048.581	\$307.387	\$1 935 73









SANITARY SEWER COLLECTION REHAB AND REPLACEMENT

	YEAR 2008	COST \$394,849	FOOTAGE 5,528	MILES 0.76	EMER. REPAIRS \$ 0
	2009	\$133,494	4,000	1.05	\$149,735
	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
l	2013	\$ 373,617	13,882	2.63	\$ 47,815
	2015	\$ 448,384	11,574	2.19	\$116,376
	2016*	\$ 525,436	15,073	2.85	\$ 54,180







Energy Efficiency Updates



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3.8.												
NUMBER	LEON REFEREN	CONTR	2116	261	2167	2117	2158	2155	207	282	2120	202
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	Sets Gauge Rate, Call and an All and Multiple											
		A LORANG										
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1061												
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					E275.00		E2/75.00		B.75.00			





DAFT Rehabilitation Major Milestones	Estimated Completion Dates
Execute Contract	~3/18/16
Swank Orders Equipment	~3/31/16
Begin Construction Time	~7/15/16
Start-up, Shake-down and Equipment Testing	~9/30/16
Substantial Completion	~10/15/16
Punchlist and Tidy-up	~11/15/16
Final Pay Close-out project	~12/31/16

	City o	f Great Fall Sewer Fu	s, Montana nd						
Cash Flow Analysis as of 1/25/2016 - 5 Year Projection (3% revenue increases and 5% expense increases)									
	Actuals 2015			Projected 2018 (3% increase)					
Beginning Unrestricted Cash Balance	\$4,122,785	\$5,536,051	\$1,944,128	\$1,264,633	\$1,193,837	\$555,481	\$862,81		
Revenues									
Revenue from sewer charges	\$9,944,906	\$9,562,573							
Extra strength charge	\$754,885								
Storm drain and water sludge	\$154,769	\$154,769	\$153,598	\$153,598	\$153,598	\$153,598	\$153,59		
Miscellaneous revenue	\$49,153	\$90,960	\$91,870	\$92,788	\$93,716	\$94,653	\$95,60		
Decrease in receivables									
Bond proceeds / other financing sources	\$4,534,610	\$385,000							
Total Revenue	\$15,438,323	\$10,894,302	\$10,794,918	\$11,091,320	\$11,396,596	\$11,711,011	\$12,034,84		
Expenses									
Operation and maintenance expense	\$5,314,345	\$5,765,750	\$6,054,038	\$6,356,739	\$6,674,576	\$7,008,305	\$7,358,72		
Increased Reserve Requirement	\$340,096	\$19,300	\$0	\$0	\$0	\$0	\$		
Decrease in Payables	\$164,188								
Debt Service									
Bonds 2002 (SRF)	\$682,580	\$682,700	\$682,580	\$682,580	\$682,580	\$682,580	\$682,58		
Bonds 2005	\$381,196	\$756,196	\$741,196	\$726,196	\$681,196	\$666, 196	\$651,19		
New Bonds (ARRA - SRF)	\$20,515	\$20,515	\$20,515	\$20,515	\$20,515	\$20,515	\$20,51		
New Bonds SRF - \$3,800,000	\$253,280	\$254,765			\$254,085	\$254,085	\$254,08		
New Bonds \$14,168,000	\$846,749	\$947,000	\$947,000	\$947,000	\$947,000	\$947,000	\$947,00		
Capital Improvements - Debt Funded	\$4,194,514	\$385.000	\$0	\$0	\$0	\$0	s		
Capital Improvements - Unrestricted Cash	\$1.827.594	\$5.653.999	\$2,775.000	\$2,175,000	\$2,775.000	\$1,825,000	\$600.00		
Total Expenses	\$14.025.057	\$14,485,225	\$11,474,414	\$11,162,115	\$12,034,952	\$11,403,681	\$10.514.09		
Annual Surplus (Deficiency)	\$1,413,266	(\$3,591,923)							
Ending Unrestricted Cash Balance	\$5,536,051	\$1,944,128	\$1,264,633	\$1,193,837	\$555.481	\$862.811	\$2,383.55		



















Stormwater Management Plan

- Includes 6 stormwater quality minimum control measures required by regulation.
 New Stuff Required by the Permit
- Special consideration for impaired waters.
 Overhaul our approach to 6 minimum control
- me ures.
- Public participation
- Implementation = Time and \$\$\$\$\$\$\$\$\$

and find **BMP** Manual int Permit requires City to: "Regulate construction site run-off "Reain the runoff from the first 0 S "Implement Loe impact "Development (LD) practices. "The BMP design manual witi: "Origins City poly and program "origing discharges from construction sites to the City storm draft. ne the City's policy and design guid Id program

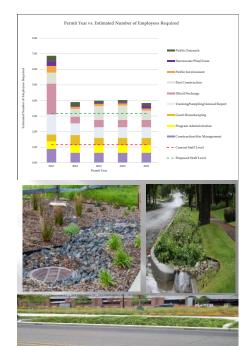


		City of Great Fa	lis, Montana				
		Storm Drai	n Fund				
Cash Flow Analysis as of 2/1	5/2016 - 5 Year	Projection (10	% to 5% revenu	e increases an	d 5% expense	increases)	
	Actuals 2015	Budgeted 2016	Projected 2017 (10% increase)	Projected 2018 (10% increase)	Projected 2019 (5% increase)	Projected 2020 (5% increase)	Projected 202 (5% increase
Beginning Unrestricted Cash Balance	\$2,771,212	\$1,673,737	\$1,409,549	\$1,620,338	\$1,940,538	\$1,726,999	\$1,456,11
Revenues							
Revenue from storm drain charges	\$1,993,699	\$2,062,392	\$2,258,631	\$2,495,494	\$2,620,269	\$2,751,282	\$2,888,84
interest income	\$0	\$0	\$7,050	\$8,102	\$10,091	\$8,635	\$7,28
Bond proceeds	\$0	\$2,500,000	\$2,500,000	\$0	50	\$0	
Total Revenues	\$1,993,699	\$4,552,392	\$4,775,681	\$2,503,596	\$2,630,360	\$2,759,917	\$2,896,12
Expenses							
Operation and maintenance expense	\$425.707	\$446.992	\$689.342	\$702,809	\$737,950	\$774,847	\$813.58
increased (decreased) reserve requirement	\$0	\$95,000	\$215,000	\$0	\$0	\$0	1
Decrease in Accounts Payable	\$62,217						
Debt Service							
Existing bonds	\$286,528	\$286,373	\$296,736	\$286,373	\$286,736	\$296,736	\$286,73
Bonds for construction \$5,000,000		\$159,607	\$319,214	\$319,214	\$319,214	\$319,214	\$319,2
Capital improvements - debt funded		\$2,500,000	\$2,500,000				
Capital improvements - unrestricted cash	\$2,316,722	\$1,338,207	\$575,000	\$875,000	\$1,500,000	\$1,650,000	\$1,250,00
Total Expenses	\$3,091,174	\$4,826,179	\$4,565,292	\$2,183,396	\$2,843,900	\$3,030,797	\$2,669,53
Annual Surplus (Deficiency)	(\$1,097,475)	(\$263,787)	\$210,389	\$320,200	(\$213,540)	(\$270,880	\$226,58
Ending Unrestricted Cash Balance	\$1,673,737	\$1,409,949	\$1,620,338	\$1,940,538	\$1,725,999	\$1,456,119	\$1,682,70

AVERAGE MONTHLY UTILITY BILL CITY OF GREAT FALLS RESIDENTIAL

1" meter, 1250 ccf water, 650ccf sewer 7, 500 sq foot residential lot

2014		2015	2016 (P	INCREASE	
WATER	\$30.05	32.13	WATER	\$35.34	\$3.21
SEWER	\$22.90	23.57	SEWER	\$24.28	\$0.71
STORM DRAIN	\$4.27	6.70	STORM	\$5.17	\$0.47
TOTAL	\$57.22	60.44	TOTAL	\$64.79	\$4.39





2015 UTILITY SERVICE **RATE SUMMARY**

Monthly wat 1" meter, 125	2016 CITY COMPARISON (Residential) Monthly water and server costs based on: 1' meter, 1280 cd water, 680 cd server (With 10% Increase Matter & 3% Increase Server)				
	WATER	SEWER	TOTAL	ANN.DIFF	
BOZEMAN	56.10	37.53	90.11	3.52	
MISSOULA	69.41	19.80	88.73	0.48	
KALISPELL	46.17	40.12	86.29	0.00	
BUTTE	50.58	27.50	78.08	2.50	
BILLINGS	40.38	28.35	68.73	4.39	
HELENA	38.15	24.53	62.68	0.27	
GREAT FALLS	35.34	24.28	59.62	3.92	

(ater & 3% Increas	se Sewer)	
	WATER	SEWER	TOTAL
KALISPELL	46.17	61.57	107.74
BOZEMAN	43.69	56.92	100.61
MISSOULA	69.41	26.57	95.98
BUTTE	50.58	43.25	93.83
HELENA	41.35	40.97	82.32
BILLINGS	34.01	46.95	80.96
GREAT FALLS	30.90	40.48	71.38

Commissioner Houck inquired if Black Eagle and Malmstrom were considered residential or commercial.

Director Rearden responded that both are considered commercial, wholesale customers.

Commissioner Burow noted that maintenance is under control and the system is in pretty decent shape, but the City keeps getting hit with Department of Environmental Quality (DEQ) regulations.

Director Rearden responded that his concern is, because they have to spend more and more money on regulatory requirements, it leaves less money for upgrading old equipment and facilities especially at the water plant and some transmission mains.

Additional information will be provided to the Commission during the Water Master Plan presentation at a future work session.

Commissioner Houck inquired where the money would be spent if the department was ever to have extra money.

Director Rearden responded that extra money would go towards more replacement of existing facilities and, ultimately, it would go back into the system.

Commissioner Burow noted he would like to be notified when liners are installed in manholes so that he can watch that process.

Commissioner Houck inquired and was informed fourth graders tour the water plant.

4. <u>DISCUSSION OF POTENTIAL UPCOMING WORK SESSION TOPICS</u>

In response to Manager Doyon, Mayor Kelly commented that during the next work session regarding the River's Edge Trail update, he would also like to hear about what is being planned about the erosion that is happening by Calumet.

The Parking Advisory Commission will also present at the April 5, 2016 work session.

ADJOURN

There being no further discussion, Mayor Kelly adjourned the informal work session of March 15, 2016 at 6:48 p.m.