

CITY OF CHEYENNE BOARD OF PUBLIC UTILITIES

*FY2022 Budget Workshop
April 5, 2021*



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City of Cheyenne Board of Public Utilities
FY2022 Budget Workshop Agenda
Monday, April 5, 2021
Timothy E. Wilson Board of Public Utilities Administration/Engineering Building
2416 Snyder Avenue, Cheyenne, Wyoming
3:00p.m.


In Attendance:

Mary Guthrie	Clint Bassett
Matthew Pope	Matt Buelow
John Edwards	Kathy Kellner
Allan Cunningham	Frank Strong
Keith Zabka	Doug Calhoun
Brad Brooks	Erin Lamb
Ashley Miller	Elizabeth Lance

Call meeting to order:

1. Financial Rate Study Results – Presented by FCS, Jason Mumm, Principal
2. Review Water and Sewer Enterprise Budgets for Fiscal Year 2022 (July 1, 2020 – June 30, 2022)
3. Other Business
 - a.



 **Cheyenne Board of Public Utilities**
Water and Sewer Utilities Rate Study

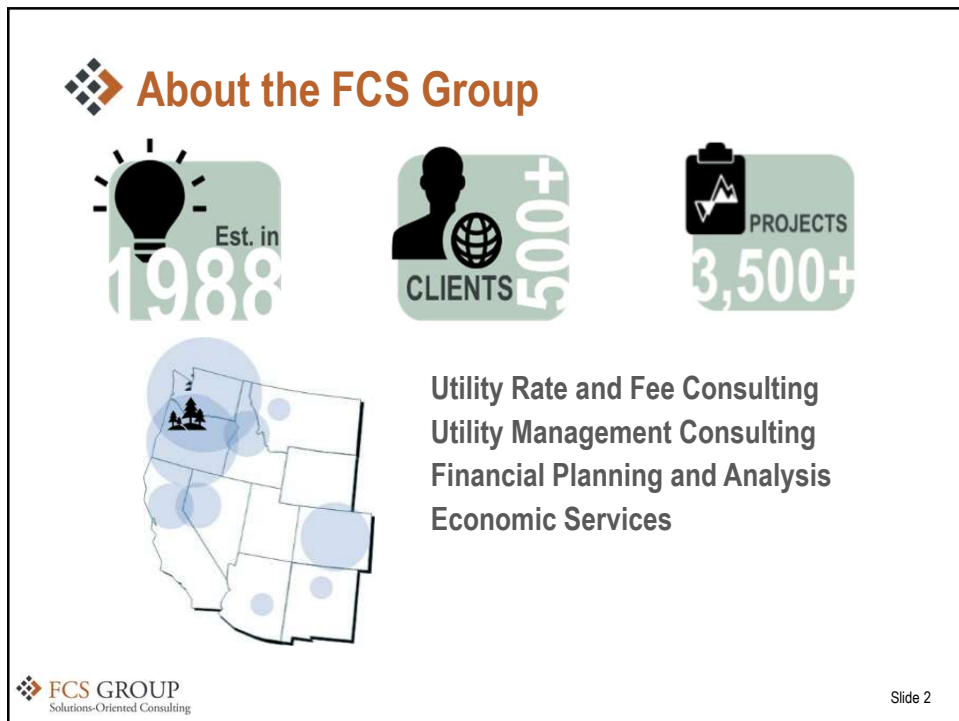
FINANCIAL RATE STUDY RESULTS


Jason Mumm, Principal
April 5, 2021


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The slide features a background image of a dam and a reservoir in a wooded area. The text is overlaid on a white banner at the top and bottom.


1




 **About the FCS Group**


 Est. in
1988

 **100+**
CLIENTS

 PROJECTS
3,500+



Utility Rate and Fee Consulting
Utility Management Consulting
Financial Planning and Analysis
Economic Services

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Slide 2

The slide features a light blue background with various icons and text. The map of Wyoming is highlighted in the bottom left corner.

2



Balancing Affordability with System Assurance

- **No Rate Increases in 2021 due to COVID-19**
- **Review rates annually**
- **Solicit low and no-interest state loans and grants to help fund projects**
- **Plan projects at least 5 years in advance to assure adequate funding**
- **Operate under a balanced budget**



Slide 3

3



Agenda for Financial Rate Study

- **Scope of work**
- **Overview rate study process**
- **Collaborated closely with BOPU staff**
- **Key findings of Financial Forecast and System Development Fee update**
- **Recommendations**
- **Next steps for the Board**

Slide 4

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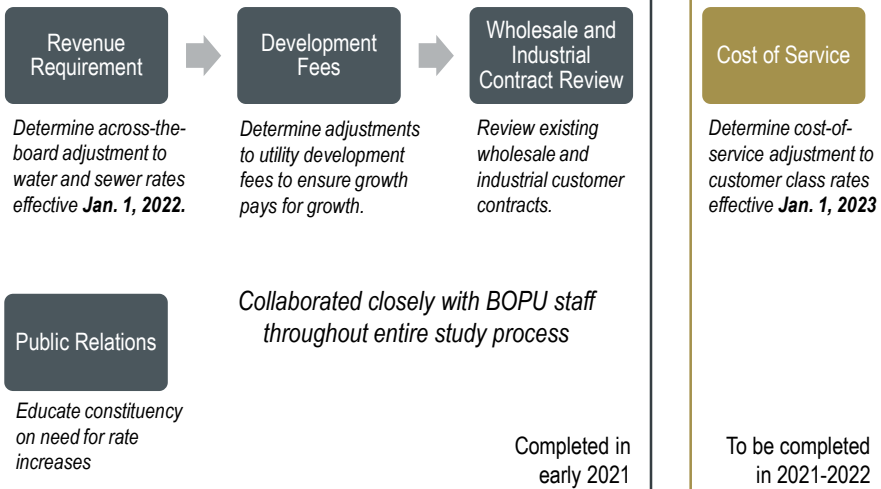
Background and Policy Setting



5



Scope of Work – BOPU Rate Studies

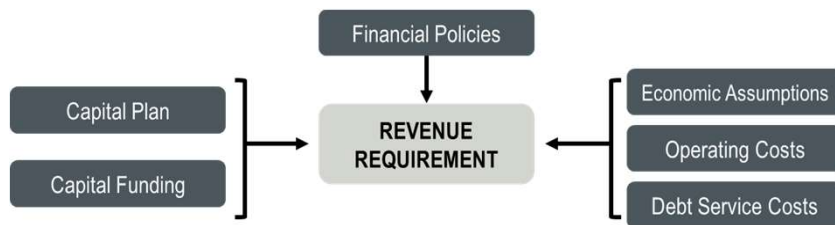


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Revenue Requirement Methodology

- **Purpose:** Determine necessary across-the-board adjustments to existing water and sewer rates to fully fund utility operational and capital needs



Water Revenue Requirements





Water Revenue Requirements Keeping Water Safe



- Water flows from western mountain streams and aquifers to Cheyenne
- BOPU, Wyoming, and federal agencies protect water sources
- Modern treatment processes remove contaminants, adjust pH, and disinfect
- Trained, experienced, and certified operators protect, treat, and distribute water

Slide 9

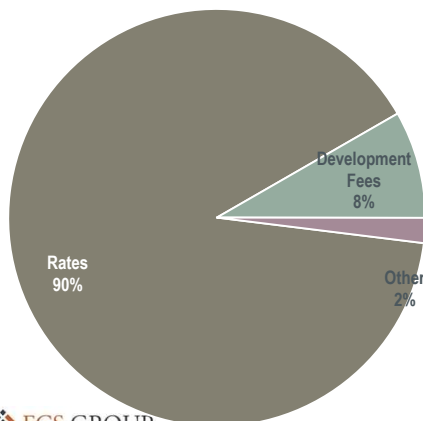
9



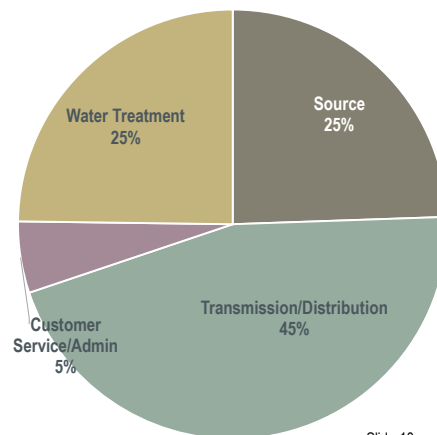
BOPU Current Sources and Uses of Funds

WATER UTILITY OPERATIONS (FY22)

Revenues



Expenses

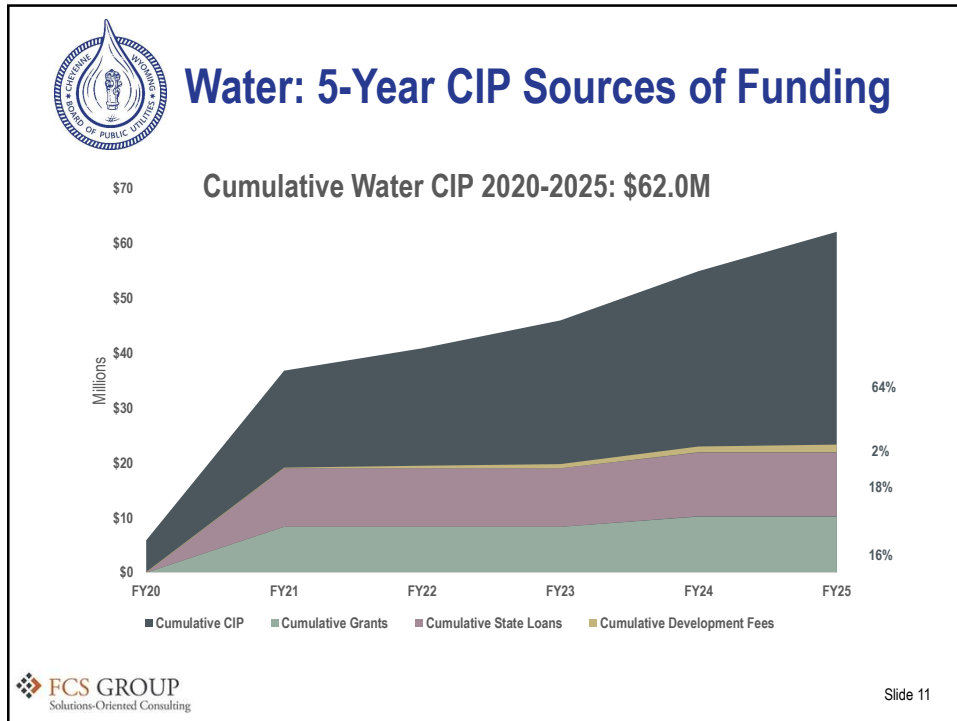


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Slide 10

Does not include contributions to or uses of fund balance

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Major Water Capital Improvement Projects

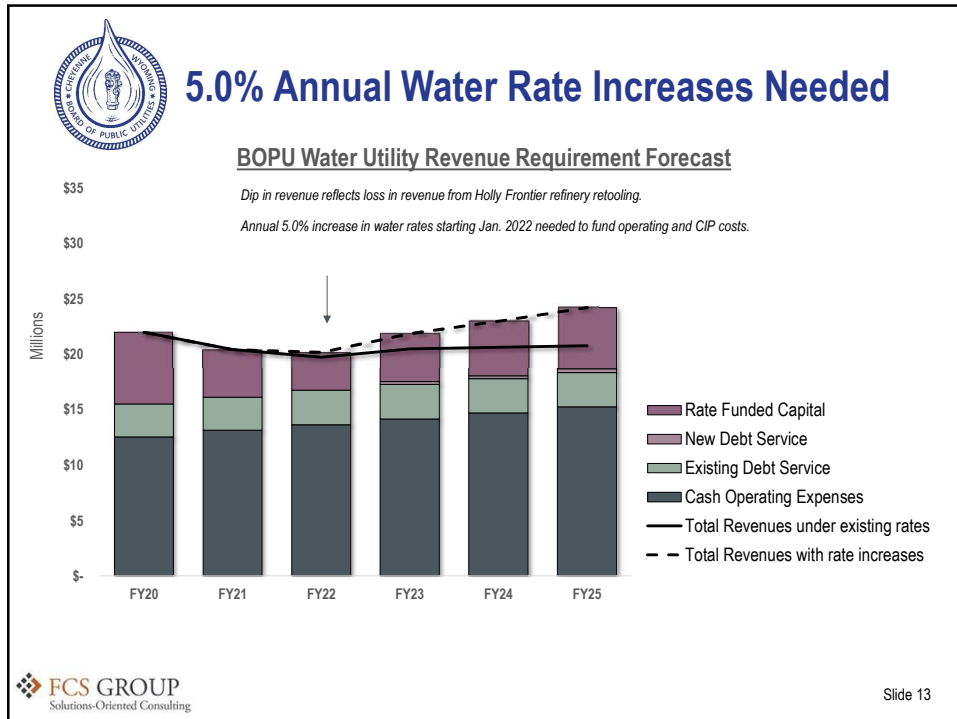
Project	Amount (\$M)
Source of Supply and Groundwater	
• Crystal Bypass Pipeline	\$2.6
• System rehabs	\$2.1
• Resiliency Water Rights/Sources	\$1.0
Water Treatment	
• Hydroelectric Generator	\$6.6
• Filter and Flocc Basin Rehabs	\$1.9
• Major Equipment Rehabs	\$1.4
• Pavement Rehab	\$0.3
Portable Water Storage and Distribution	
• System Rehabs	\$20.0
• North Tank Improvements	\$12.0
Non-Potable Water Treatment and Distribution	
• Reuse Storage	\$1.0
Other Major Projects	
• SCADA Rehabs	\$2.0
• IT Improvements	\$0.8
• Master Plan	\$0.6

Major CIP projects scheduled between FY20-25

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Holly Frontier Refinery

- **Major refinery, converting to renewable energy production**
 - » Served by three large meters (4", 6", and 10")
- **Prior to conversion, large water consumer (over 700,000K gals/yr)**
- **Post conversion expect water to fall significantly (less than 100,000K gals/yr)**
- **Water sales**
 - » Before conversion – apx \$3.5M/yr
 - » After conversion – apx \$500K/yr



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Water Summary

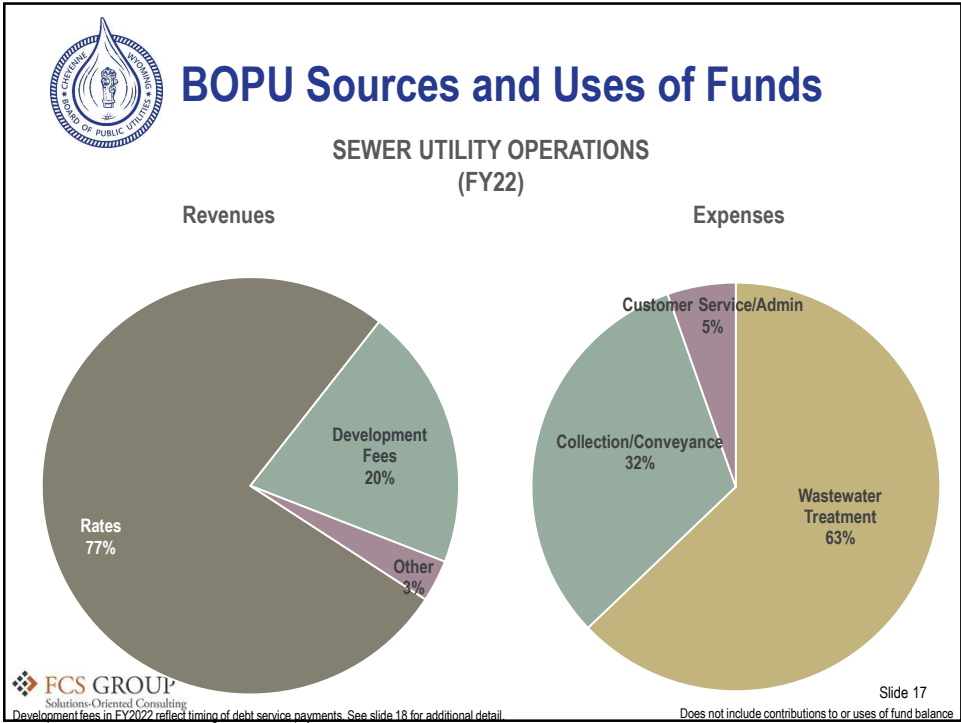
- **Proposed 5% annual rate increases**
- **Fully funds forecasted operating and capital expenditures**
 - » Collaborated with BOPU staff on forecasted operating and capital expenditures
- **Balances public policy objectives**
 - » Rate affordability during a pandemic
 - » Protect, preserve, and maintain extensive Utility infrastructure
 - » Utility financial sustainability

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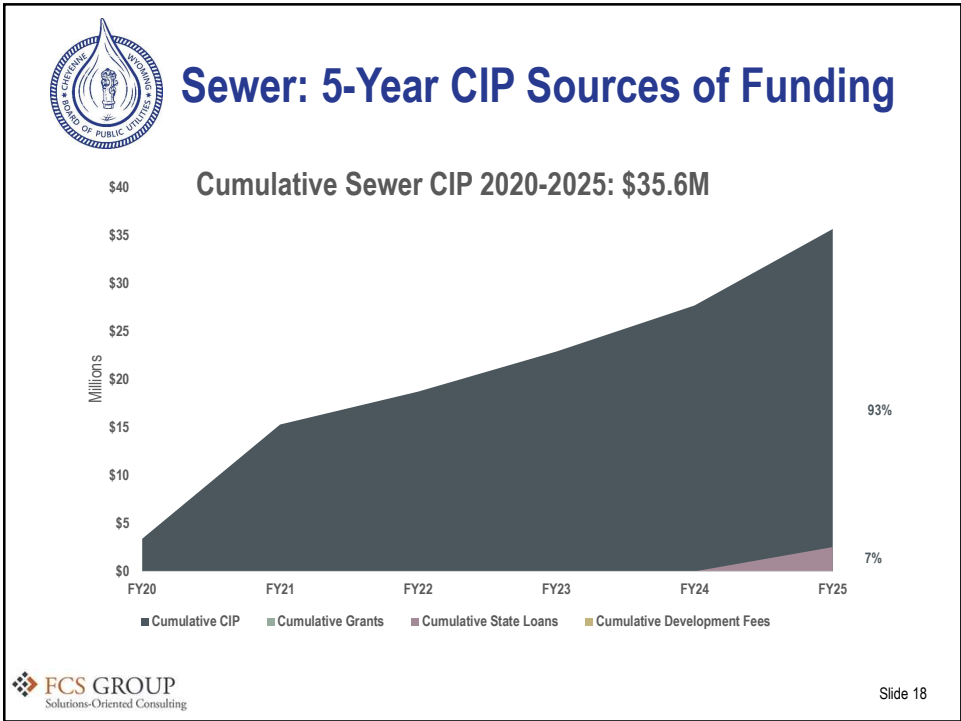
Sewer Revenue Requirements



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Major Sewer Capital Improvement Projects

Project	Amount (\$M)
Wastewater Collection	
• System Rehabs	\$15.3
• Allison Draws South Interceptor	\$3.0
Wastewater Treatment	
• CCWRF IFAS Conversion	\$8.2
• DCWRF Sludge Dewatering	\$2.9
• CCWRF Clarifier Expansion	\$2.2
• DCWRF Standby Aeration Power	\$0.7
• Major Equipment Rehabs	\$0.4
Other Major Projects	
• SCADA Rehabs	\$1.6
• Master Plan	\$0.2
• IT Improvements	\$0.1

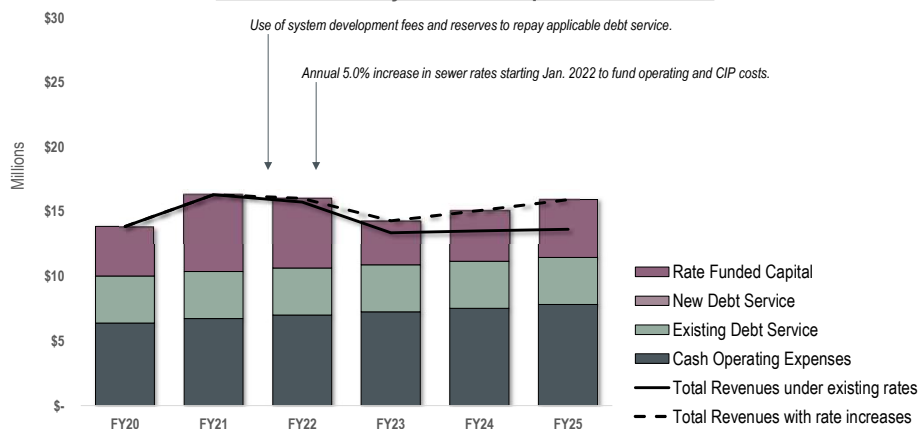
Major CIP projects scheduled between FY20-25

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5.0% Annual Sewer Rate Increases Needed

BOPU Sewer Utility Revenue Requirement Forecast



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Sewer Summary

- **Proposed 5% annual rate increases**
- **Fully funds forecasted operating and capital expenditures**
 - » Collaborated with BOPU staff on forecasted operating and capital expenditures
- **Balances public policy objectives**
 - » Rate affordability during a pandemic
 - » Protect, preserve, and maintain extensive Utility infrastructure
 - » Utility financial sustainability

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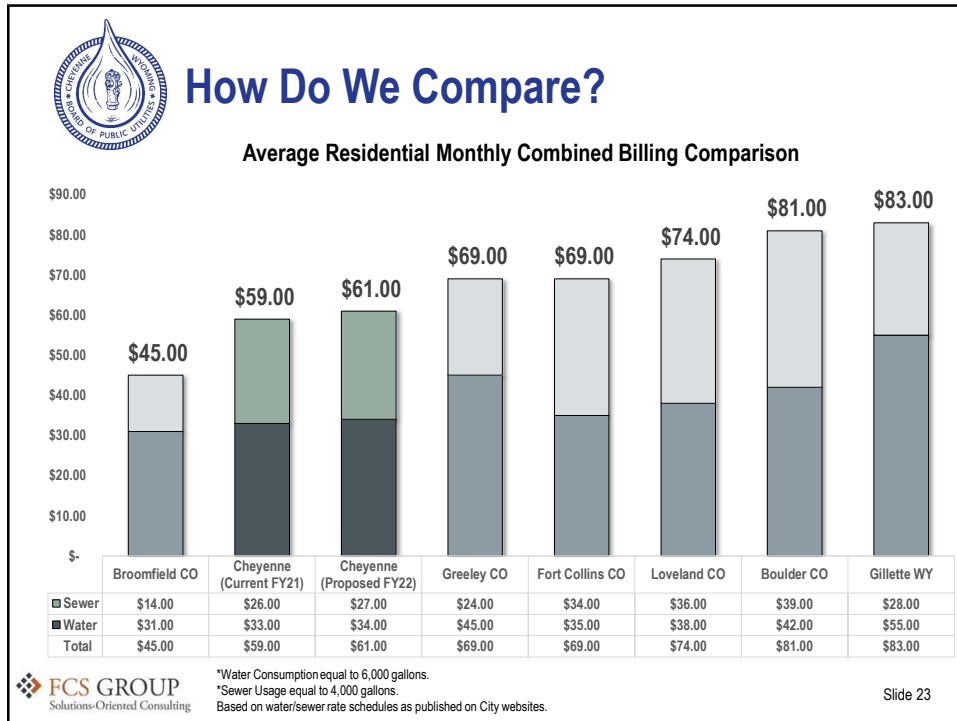


Impact to Combined Residential Billing FY2021-2025

Average Residential Monthly Bill



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What Are System Development Fees

- **System Development Fees support current and future development in Cheyenne.**
- **The Board uses the fees to pay for growth related costs that expand capacity in Cheyenne's water and sewer systems**
- **They are a one-time charge to recover costs associated with making water and sewer services available to new housing, subdivisions, and retail or commercial developments.**

System Development Fees are authorized under WY State laws (WSC Title 15, Chapter 7)

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How Are System Development Fees Used

- **Typically pay for:**
 - » Large transmission mains (water and sewer)
 - » Storage tanks
 - » Treatment plants
 - » Pumping and lift stations
 - » Water rights/new sources
 - » Reservoirs/dams
 - » Recover costs and reduce debt associated with development and expansion to the water and sewer system
 - » Costs associated with oversized water and sewer mains



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Current System Development Fees

WATER

Existing Rate Structure		
Single Family Residential	SDF	Pump Station Fee
3/4"	\$ 8,670	\$ 1,650
1"	\$ 16,600	\$ 2,620
1.5"	\$ 25,300	\$ 5,060
2"	\$ 45,130	\$ 8,170
Commercial / Industrial User		
3/4"	\$ 7,630	\$ 1,650
1"	\$ 20,000	\$ 2,620
1.5"	\$ 39,890	\$ 5,060
2"	\$ 63,850	\$ 8,170
3"	\$ 173,700	\$ 18,610
4"	\$ 299,480	\$ 30,990
6"	\$ 638,870	\$ 73,460
Multi-Family or Multi-Unit Complex		
First 4 units (per unit)	\$ 3,060	
Next 8 (per unit)	\$ 2,040	
Next 52 (per unit)	\$ 1,255	
Over 64 (per unit)	\$ 615	

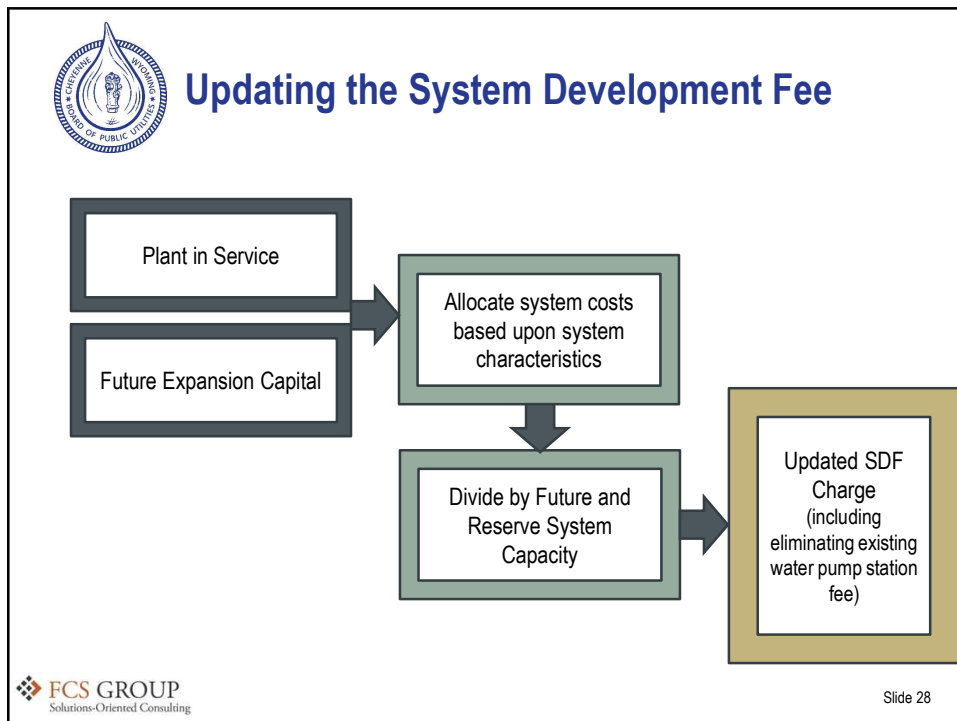
SEWER

Existing Rate Structure	
Single Family Residential	
3/4"	\$ 2,170
1"	\$ 3,820
1.5"	\$ 8,050
2"	\$ 12,930
Multi-Family or Multi-Unit Complex	
First 4 units (per unit)	\$ 856
Next 8 (per unit)	\$ 622
Next 52 (per unit)	\$ 374
Over 64 (per unit)	\$ 193
Commercial / Industrial User per meter size	
3/4"	\$ 2,540
1"	\$ 4,560
1.5"	\$ 9,110
2"	\$ 14,590
3"	\$ 39,700
4"	\$ 68,460
6"	\$145,830




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Proposed Water SDF Schedule

Existing Rate Structure		
	SDF	Pump Station Fee
Single Family Residential		
3/4"	\$ 8,670	\$ 1,650
1"	\$ 16,600	\$ 2,620
1.5"	\$ 25,300	\$ 5,060
2"	\$ 45,130	\$ 8,170
Commercial / Industrial User		
3/4"	\$ 7,630	\$ 1,650
1"	\$ 20,000	\$ 2,620
1.5"	\$ 39,890	\$ 5,060
2"	\$ 63,850	\$ 8,170
3"	\$ 173,700	\$ 18,610
4"	\$ 299,480	\$ 30,990
6"	\$ 638,870	\$ 73,460
Multi-Family or Multi-Unit Complex		
First 4 units (per unit)	\$ 3,060	
Next 8 (per unit)	\$ 2,040	
Next 52 (per unit)	\$ 1,255	
Over 64 (per unit)	\$ 615	




Proposed Water SDFs	
All Customers	
3/4"	\$ 9,510
1"	15,850
1.5"	31,710
2"	50,730
3"	110,980
4"	190,260
6"	428,080

SDF schedule is uniform across all customer classes; existing pump station fee is eliminated.



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Proposed Sewer SDF Schedule

Existing Rate Structure	
Single Family Residential	
3/4"	\$ 2,170
1"	\$ 3,820
1.5"	\$ 8,050
2"	\$ 12,930
Multi-Family or Multi-Unit Complex	
First 4 units (per unit)	\$ 856
Next 8 (per unit)	\$ 622
Next 52 (per unit)	\$ 374
Over 64 (per unit)	\$ 193
Commercial / Industrial User per meter size	
3/4"	\$ 2,540
1"	\$ 4,560
1.5"	\$ 9,110
2"	\$ 14,590
3"	\$ 39,700
4"	\$ 68,460
6"	\$ 145,830



Proposed Sewer SDFs	
All Customers	
3/4"	\$ 2,550
1"	4,240
1.5"	8,490
2"	13,580
3"	29,710
4"	50,930
6"	114,580

SDF schedule is uniform across all customer classes.


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System Development Fee Changes

Single Family Residential Project

	Current Fee	Revised Fee	Difference (\$)	Difference (%)
Water	\$8,670	\$9,510	\$840	10%
Water*	\$10,320	\$9,510	-\$810	-8%
Sewer	\$2,170	\$2,550	\$380	17%

Assumes 3/4-inch meter

*Current fee includes separate meter-sized water pump station fee



System Development Fee Changes

Commercial Project

	Current Fee	Revised Fee	Difference (\$)	Difference (%)
Water	\$20,000	\$15,850	-\$4,150	-21%
Water*	\$22,620	\$15,850	-\$6,770	-30%
Sewer	\$4,560	\$4,240	-\$320	-7%

Assumes 1.0-inch meter

*Current fee includes separate meter-sized water pump station fee



System Development Fee Changes

Multi-Family Residential Project

	Current Fee	Revised Fee	Difference (\$)	Difference (%)
Water	\$24,480	\$31,710	\$7,230	30%
Water*	\$29,540	\$31,710	\$2,170	7.3%
Sewer	\$7,156	\$8,490	\$1,334	19%

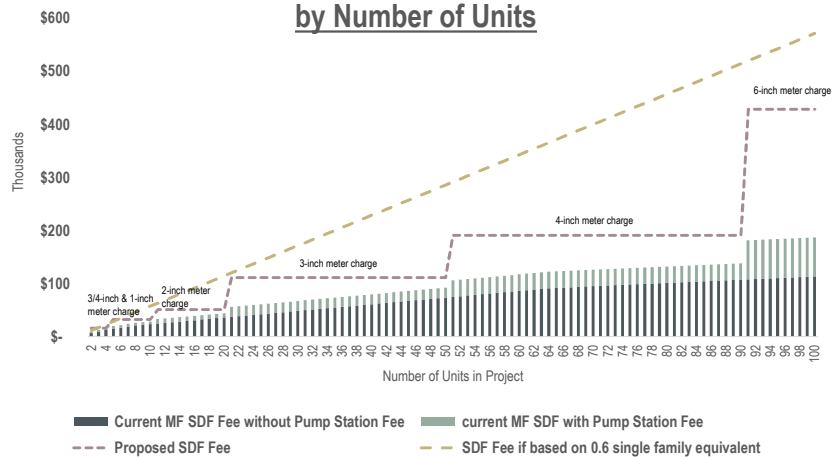
Assumes 10-Unit Building w/ 1.5-inch water meter

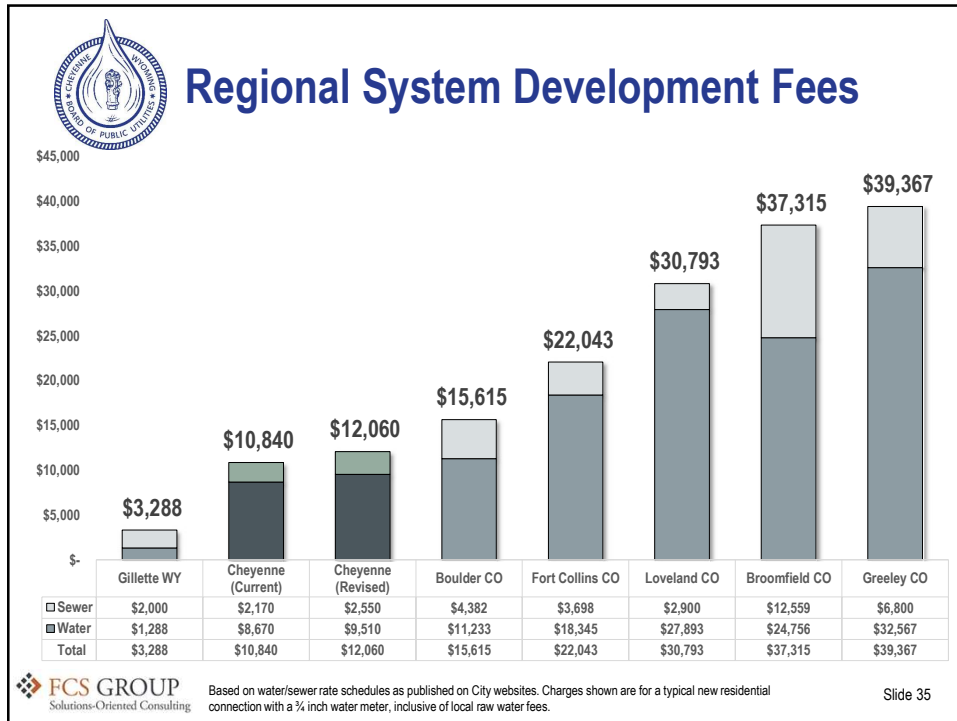
*Current fee includes separate meter-sized water pump station fee



SDF Fee – Impact on Multifamily Development

Calculated SDF Fee For A New Multifamily Project by Number of Units





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System Development Fee Summary

- **Simplified schedule**
- **Consistency in how fee is applied**
 - » Based upon meter size
 - » Eliminated differentiation between classes
 - » Eliminated multi-family per unit charge
 - » Eliminated pump station fees
- **Eased staff administrative requirements**

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Conclusions and Next Steps



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Conclusions and Next Steps

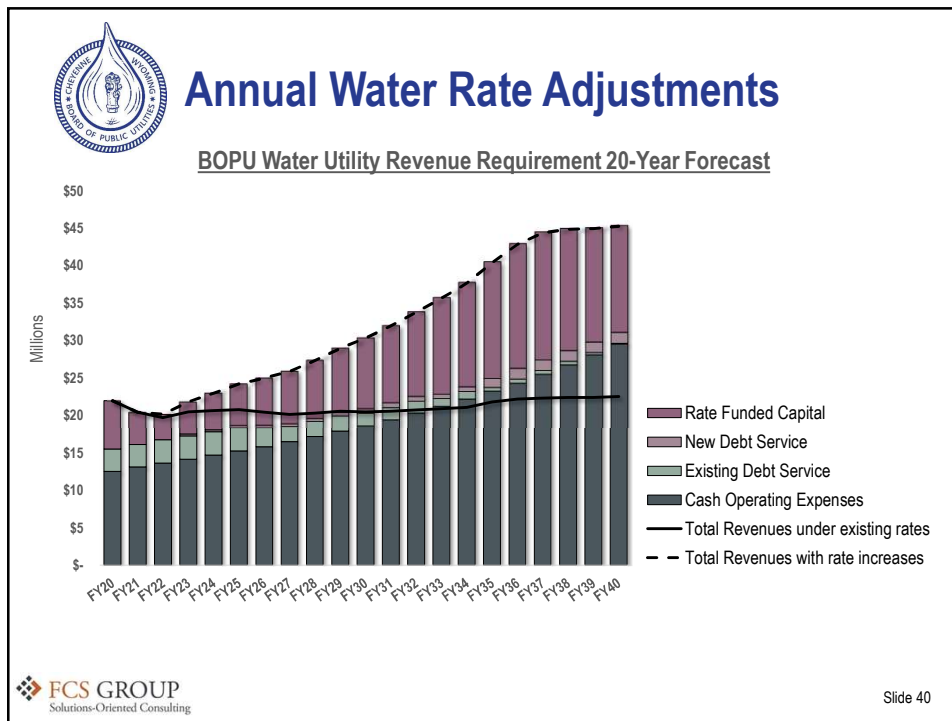
- **Completed financial analysis and established necessary rate increases to maintain utility needs**
 - » Timing: Rate implementation January 2022
- **Updated, simplified and made consistent System Development Fee structure**
- **Next steps**
 - » Cost of service analysis
 - Determine equitability of rates between customer classes
 - Generates same amount of overall utility system revenues

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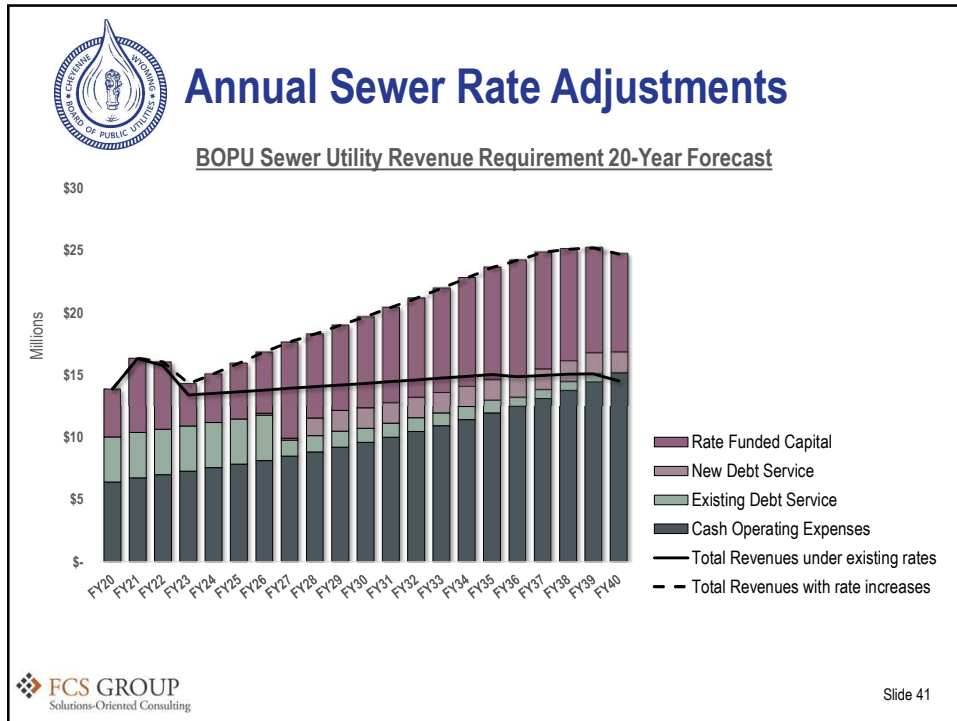
Thank you!
Questions?



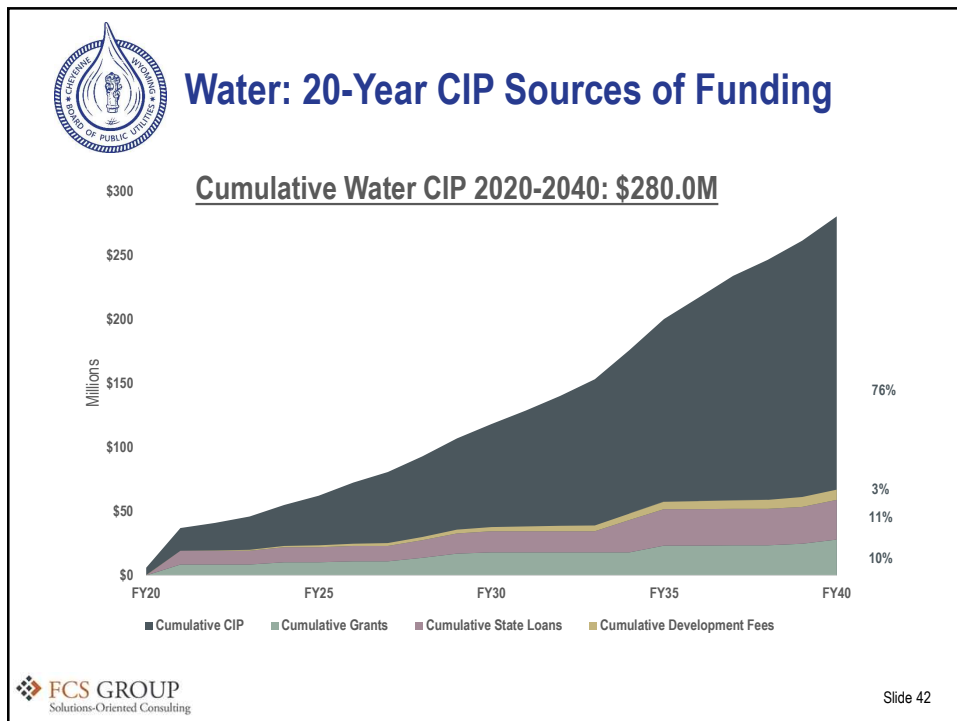
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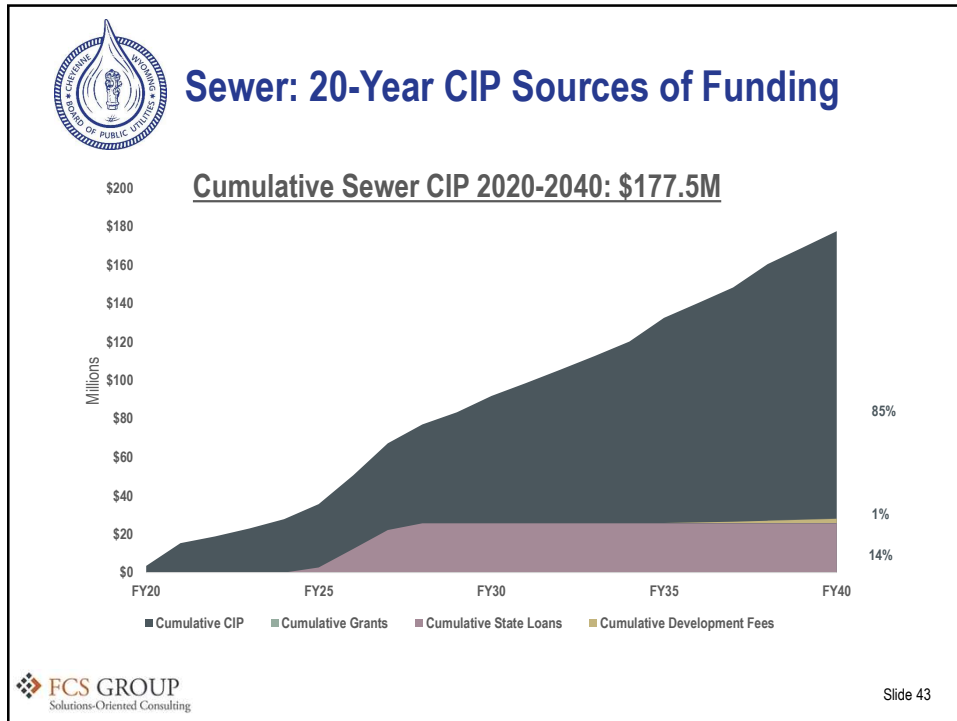
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Regional System Development Fees

System Development Fee Regional Comparison

Location	A Water SDF	B Raw Water Fee	C CIL (per AF)	C CIL (per SFE)	D = A+B+C Water Total	E Sewer SDF	D + E Total Combined
Gillette WY	1,288	-	-	-	1,288	2,000	\$ 3,288
Cheyenne (Current)	8,670	-	-	-	8,670	2,170	\$ 10,840
Cheyenne (Revised)	9,510	-	-	-	9,510	2,550	\$ 12,060
Boulder CO	11,233	-	-	-	11,233	4,382	\$ 15,615
Fort Collins CO	4,152	-	22,145	14,193	18,345	3,698	\$ 22,043
Loveland CO	5,730	2,088	40,150	20,075	27,893	2,900	\$ 30,793
Broomfield CO	24,756	-	-	-	24,756	12,559	\$ 37,315
Greeley CO	11,200	-	36,500	21,367	32,567	6,800	\$ 39,367

****Cheyenne (Revised) is inclusive of \$2,078 of Raw Water Fees**

****8,500 Sqft. per SFE utilized when applicable**

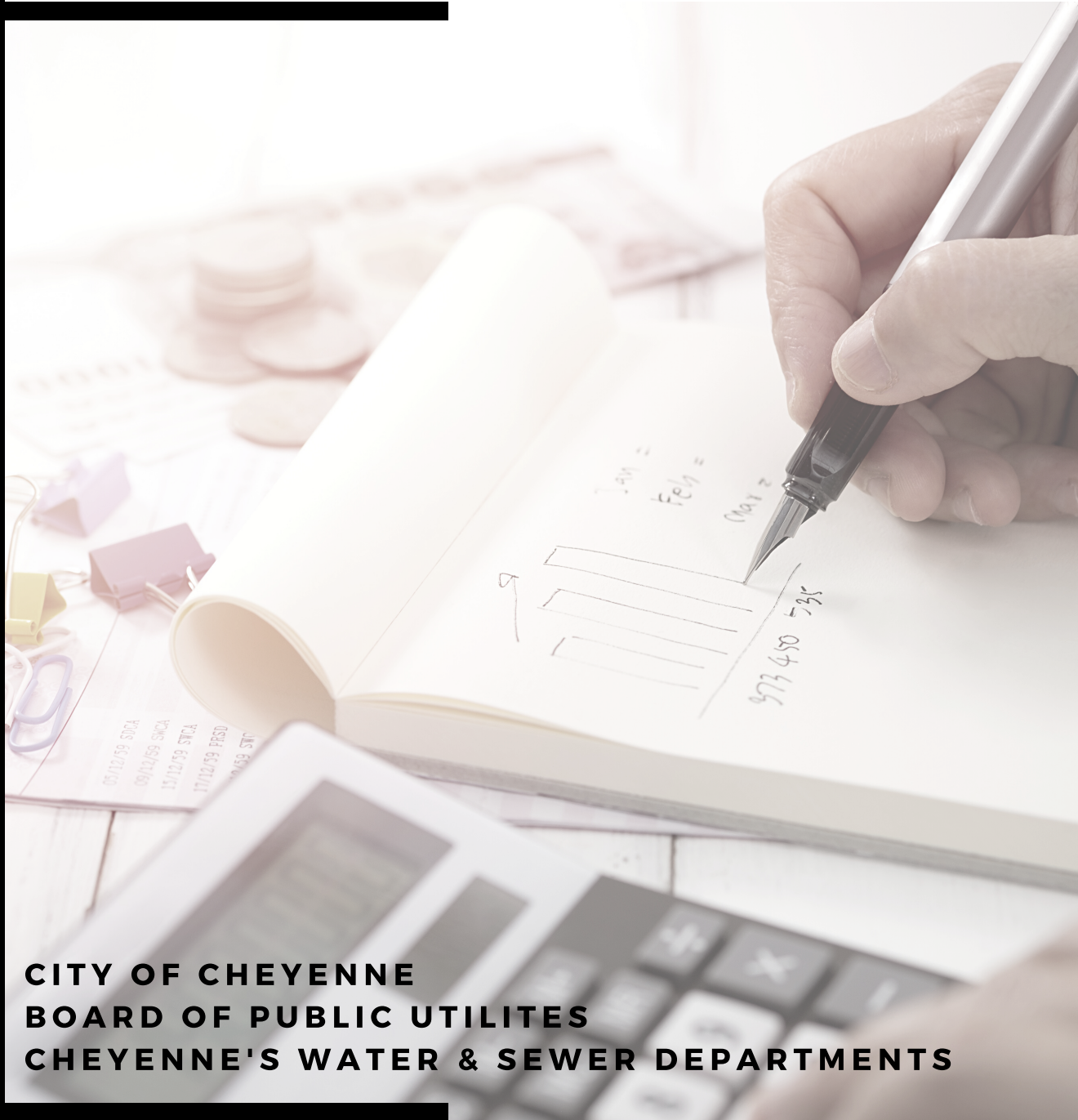
SDF - System Development fee
AF - Acre Foot
CIL - Cash-in-Lieu
SFE - Single Family Equivalent

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EXECUTIVE SUMMARY



**CITY OF CHEYENNE
BOARD OF PUBLIC UTILITIES
CHEYENNE'S WATER & SEWER DEPARTMENTS**

April 26, 2021
Fiscal Year 2022 Budget
July 1, 2021 - June 30, 2022

Water Fund	2022 Proposed	2021 Proposed	Difference
Operating Revenues	\$ 19,766,200	\$ 21,195,300	\$ (1,429,100)
Expenses			
Reuse	\$ 241,000	\$ 236,000	\$ 5,000
Water Treatment	\$ 3,908,730	\$ 3,724,720	\$ 184,010
O & M	\$ 2,692,850	\$ 2,552,000	\$ 140,850
Engineering -General	\$ 1,530,700	\$ 1,381,425	\$ 149,275
*Admin-General	\$ 6,650,800	\$ 5,993,900	\$ 656,900
Total Expenses	\$ 15,024,080	\$ 13,888,045	\$ 1,136,035
Int Income	\$ 325,000	\$ 363,000	\$ (38,000)
System Development Fees	\$ 1,800,000	\$ 1,910,600	\$ (110,600)
Pump St Fees	\$ 20,000	\$ 20,000	\$ -
Grants/Loans (breakout below)	\$ 3,000,000	\$ 12,000,000	\$ (9,000,000)
Other Income Total	\$ 5,145,000	\$ 14,293,600	\$ (9,148,600)
Int Exp	\$ 515,000	\$ 611,700	\$ (96,700)
Prin	\$ 2,284,000	\$ 2,050,300	\$ 233,700
Cap	\$ 699,000	\$ 458,400	\$ 240,600
CWIP	\$ 5,097,500	\$ 17,302,500	\$ (12,205,000)
Other Expenditures	\$ 8,595,500	\$ 20,422,900	\$ (11,827,400)

Total Budget Balance	<u>\$ 1,291,620</u>	<u>\$ 1,177,955</u>	<u>\$ 113,665</u>
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Budget Balance	\$ 1,291,620
----------------	--------------

LESS: Unused SDF	\$ 166,770	SDF Monies are restricted funds (Account: 199,8210)/ Expending \$1,633,230 for qualifying debt payments
------------------	------------	---

Budget Shortfall	<u>\$ 1,124,850</u>
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Reserves	\$ (1,124,850)	Excess revenue to be used to increase operational reserves
----------	----------------	--

Total Budget Balance	<u>\$ -</u>
----------------------	-------------

Grants/Loan Funding

Granit Bypass WWDC Grant	\$ 2,010,000
--------------------------	--------------

Granit Bypass DWSRF Loan	\$ 990,000
--------------------------	------------

Sewer Fund	2022 Proposed	2021 Proposed	Difference
Operating Revenues	\$ 13,369,000	\$ 13,960,700	\$ (591,700)
Expenses			
Water Reclamation	\$ 2,874,700	\$ 2,902,875	\$ (28,175)
O & M	\$ 1,617,550	\$ 1,566,400	\$ 51,150
Engineering	\$ 457,650	\$ 444,775	\$ 12,875
*Admin-General	\$ 3,146,400	\$ 2,823,700	\$ 322,700
Total Expenses	\$ 8,096,300	\$ 7,737,750	\$ 358,550
Int Income	\$ 103,000	\$ 101,000	\$ 2,000
System Development Fees	\$ 850,000	\$ 600,000	\$ 250,000
Other Income Total	\$ 953,000	\$ 701,000	\$ 252,000
Int Exp	\$ 671,700	\$ 787,000	\$ (115,300)
Prin	\$ 2,967,800	\$ 2,851,800	\$ 116,000
Cap	\$ 259,000	\$ 449,900	\$ (190,900)
CWIP	\$ 2,029,000	\$ 2,835,200	\$ (806,200)
Other Expenditures	\$ 5,927,500	\$ 6,923,900	\$ (996,400)

Total Budget Balance	<u>\$ 298,200</u>	<u>\$ 50</u>	<u>\$ 298,150</u>
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\$ 298,200

SDF Monies are restricted funds (Account: 299,8210)/Expending all \$850,000 for qualifying debt payments

\$ -
<u>\$ 298,200</u>

Excess revenue to be used to increase operational reserves

\$ (298,200)
<u>\$ -</u>

* Anticipate market adjustments and 3.0% pay for performance increases for staff, pending Board of Directors approval

(Accounts: 111-5120,112-5120,120-5120,121-5120,123-5120,130-5120,131-5120,132-5120,140-5120,141-5120,150-5120,161-5120,162-5120,163-5120,164-5120,230-5120,231-5120,232-5120,240-5120,241-5120,242-5120,250-5120,261-5120,262-5120,263-5120,264-5120,280-5120,281-5120,282-5120,283-5120)

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
I. Combined Revenue and Expenditures:				
1 Revenue	\$ 39,233,200	\$ 50,150,600	\$ (10,917,400)	-21.77%
2 Cash / Loan Proceeds	(1,589,820)	20,248,867	(21,838,687)	-107.85%
	<u>37,643,380</u>	<u>70,399,467</u>	<u>(32,756,087)</u>	<u>-46.53%</u>
3 Expenditures	\$ 37,643,380	\$ 70,399,467	\$ (32,756,087)	-46.53%

II. Water Revenue and Expenditures:				
4 Revenue	\$ 24,911,200	\$ 35,488,900	\$ (10,577,700)	-29.81%
5 Cash / Loan Proceeds	(1,291,620)	11,000,324	(12,291,944)	-111.74%
	<u>23,619,580</u>	<u>46,489,224</u>	<u>(22,869,644)</u>	
6 Expenditures	\$ 23,619,580	\$ 46,489,224	\$ (22,869,644)	-49.19%

III. Sewer Revenue and Expenditures:				
7 Revenue	\$ 14,322,000	\$ 14,661,700	\$ (339,700)	-2.32%
8 Cash / Loan Proceeds	(298,200)	9,248,543	(9,546,743)	-103.22%
	<u>14,023,800</u>	<u>23,910,243</u>	<u>(9,886,443)</u>	<u>-41.35%</u>
9 Expenditures	\$ 14,023,800	\$ 23,910,243	\$ (9,886,443)	-41.35%

IV. Explanation:

10 Unexpended balances of construction projects not completed in FY 2021 will be carried over to the FY 2022 Construction Projects budget.

11 Status of Projected Cash Reserves as of 02/28/21:

Water Fund; \$16,444,764 Recommended Reserve; \$11,102,977
(Operational \$6,350,441; Capital \$4,752,536)
(Restricted \$6,272,170; Unrestricted \$10,172,594)

Sewer Fund; \$4,685,639 Recommended Reserve; \$6,272,168
(Operational \$4,452,772; Capital \$1,819,396)
(Restricted \$1,698,087; Unrestricted \$2,987,552)

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
I. Combined Revenue:				
1 Sales & Charges for Service	\$ 31,990,700	\$ 34,346,000	\$ (2,355,300)	-6.86%
2 Fees and Penalties	302,000	320,000	(18,000)	-5.63%
3 Miscellaneous Revenue	842,500	490,000	352,500	71.94%
4 Interest Revenue	428,000	464,000	(36,000)	-7.76%
5 Transfer from City	-	-	-	0.00%
6 System Development Fees	2,670,000	2,530,600	139,400	5.51%
7 Grants & Loans	3,000,000	12,000,000	(9,000,000)	0.00%
8 Donated Utilities	-	-	-	-
9 Total Revenue	<u>\$ 39,233,200</u>	<u>\$ 50,150,600</u>	<u>\$ (10,917,400)</u>	<u>-21.77%</u>
II. Water Revenue:				
10 Water Sales	\$ 19,148,200	\$ 20,880,300	\$ (1,732,100)	-8.30%
11 Fees and Penalties	\$ 170,000	\$ 165,000	5,000	3.03%
12 Miscellaneous Revenue	\$ 188,000	\$ 150,000	38,000	25.33%
Belvior Wind Revenues	\$ 260,000	-	-	-
13 Interest Revenue	325,000	363,000	(38,000)	-10.47%
14 Transfer from City	-	-	-	0.00%
15 System Development Fees	1,820,000	1,930,600	(110,600)	-5.73%
16 Grants & Loans	3,000,000	12,000,000	(9,000,000)	0.00%
17 Donated Utilities	-	-	-	0.00%
18 Total Revenue	<u>\$ 24,911,200</u>	<u>\$ 35,488,900</u>	<u>\$ (10,837,700)</u>	<u>-29.81%</u>
III. Sewer Revenue:				
19 Charges for Service	\$ 12,842,500	\$ 13,465,700	\$ (623,200)	-4.63%
20 Fees and Penalties	\$ 132,000	155,000	(23,000)	-14.84%
21 Miscellaneous Revenue	\$ 394,500	340,000	54,500	16.03%
22 Interest Revenue	103,000	101,000	2,000	1.98%
23 System Development Fees	850,000	600,000	250,000	41.67%
24 Grants & Loans	-	-	-	-
25 Donated Utilities	-	-	-	-
6 Total Revenue	<u>\$ 14,322,000</u>	<u>\$ 14,661,700</u>	<u>\$ (339,700)</u>	<u>-2.32%</u>

IV. Explanation:

- 27 Rates have been adjusted 5% to be effective 01/01/22. 2020 2nd Qtr. Cost of Living index for Statistics, Consumer SE Wyoming was 1.1%. The Bureau of Labor, Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3%
The Engineering News Record Construction Cost Index for calendar year 2020 was 1.7%
- 28 Line 7 & 16: Grant & Loan funds to be received for the Granite Bypass Project Accounts: (199.9220.82019)
- 29 Item 10: FY 2022 Water sales based on 3,429,841,500 gallons, FY 2021 based on 3,884,820,000 gallons a decrease of 454,978,500 gallons or -11.71%. *Due to COVID-19 there were no rate increase in 2021.
The 2020 Water and Wastewater Rate Study recommends a 5.0% increase for FY2022.
Accounts: (100-4110,100-4120,100-4130,100-4140,100-4150,100-4160,100-4170,100-4171,100-4180,100-4190,100-4210,100-4220,100-4230,100-4231,100-4232,100-4233,199-8110,199-8130,199-8140,199-8150,199-8170,1998210,199-8220)
- 30 Item 19: Estimated Sewer flows for FY 2022 are 2,167,910,100 gallons as compared to 2,249,949,500 for FY 2021, a decrease of 82,039,400 gallons or -3.65%. *Due to COVID-19 there were no rate increase in 2021.
The 2020 Water and Wastewater Rate Study recommends a 5.0% increase for FY2022.
Account:(200-4110,200-4120,200-4130,200-4150,200-4160,200-4170,200-4191,200-4210,200-4220,200-4230,200-4231,200-4233,200-4234,200-4235,200-4236,299-8110,299-8130,299-8140,299-8150,2299-8210)

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
I. Combined Expenditures:				
1 Operation & Maintenance	\$ 23,120,380	\$ 23,687,823	\$ (567,443)	-2.40%
2 Capital / Equipment	958,000	1,635,651	(677,651)	-41.43%
3 Construction Projects	7,126,500	38,639,793	(31,513,293)	-81.56%
4 Debt Service	6,438,500	6,436,200	2,300	0.04%
Total Expenditures	<u>\$ 37,643,380</u>	<u>\$ 70,399,467</u>	<u>\$ (32,756,087)</u>	<u>-46.53%</u>
II. Water Expenditures:				
5 Operation & Maintenance	\$ 15,024,080	\$ 14,925,725	\$ 98,355	0.66%
6 Capital / Equipment	699,000	536,400.00	162,600	0.303132
7 Construction Projects	5,097,500	28,229,699.00	(23,132,199)	-81.94%
8 Debt Service	2,799,000	2,797,400.00	1,600	0.06%
Total Expenditures	<u>\$ 23,619,580</u>	<u>\$ 46,489,224</u>	<u>\$ (22,869,644)</u>	<u>-49.19%</u>
III. Sewer Expenditures:				
9 Operation & Maintenance	\$ 8,096,300	\$ 8,762,098	\$ (665,798)	-7.60%
10 Capital / Equipment	259,000	1,099,251	(840,251)	-76.44%
11 Construction Projects	2,029,000	10,410,094	(8,381,094)	-80.51%
12 Debt Service	3,639,500	3,638,800	700	0.02%
Total Expenditures	<u>\$ 14,023,800</u>	<u>\$ 23,910,243</u>	<u>\$ (9,886,443)</u>	<u>-41.35%</u>

IV. Explanation:

- 13 Items 3,7, &11 funds budgeted for construction projects. Projects not completed in FY 2021 will be carried over to the FY 2022 Construction Projects budget.

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
I. O & M Expenses by Type:				
1 Bad Debt	\$ 15,500	\$ 10,000	\$ 5,500.00	55.00%
2 Building & Structures Maint.	112,500.00	96,850.00	15,650.00	16.16%
3 Building & Structures Maint.	32,700.00	80,000.00	(47,300.00)	-59.13%
4 Chemicals	690,700.00	717,800.00	(27,100.00)	-3.78%
5 Collection Main Maint.	60,000.00	55,000.00	5,000.00	9.09%
6 Deferred Comp	37,400.00	32,700.00	4,700.00	14.37%
7 Distribution Maint.	105,000.00	105,000.00	-	0.00%
8 Duty Truck	40,000.00	40,000.00	-	0.00%
9 Early Retirement	-	-	-	#DIV/0!
10 Electric & Gas	1,287,500.00	1,290,458.00	(2,958.00)	-0.23%
11 Electric Crow Creek Reuse	96,600.00	96,000.00	600.00	0.63%
12 Electric Pumping	547,050.00	521,000.00	26,050.00	5.00%
13 Electric Reuse Pump Station	90,000.00	90,000.00	-	0.00%
14 Equipment Expenses	26,200.00	25,600.00	600.00	2.34%
15 FICA/Medicare	631,000.00	631,000.00	-	0.00%
16 General Contractual	1,177,700.00	1,573,679.00	(395,979.00)	-25.16%
17 Health, Dental, Vision Insurance	3,715,000.00	3,975,053.00	(260,053.00)	-6.54%
18 Information Technology Software	93,100.00	78,138.00	14,962.00	19.15%
19 Information Technology Supplies	80,000.00	87,000.00	(7,000.00)	-8.05%
20 Laboratory Contracts	101,000.00	107,500.00	(6,500.00)	-6.05%
21 Laboratory Supplies	88,000.00	68,000.00	20,000.00	29.41%
22 Legal Expenses	102,800.00	40,000.00	62,800.00	157.00%
23 Meter Maintenance	233,000.00	183,000.00	50,000.00	27.32%
24 Network Communications	33,000.00	58,000.00	(25,000.00)	-43.10%
25 Office & General Supplies	92,250.00	111,475.00	(19,225.00)	-17.25%
26 Overtime	108,050.00	104,900.00	3,150.00	3.00%
27 Plant Equipment	383,000.00	783,400.00	(400,400.00)	-51.11%
28 Postage	133,400.00	134,000.00	(600.00)	-0.45%
29 Property/Liability Insurance	828,000.00	613,600.00	214,400.00	34.94%
30 Reclamation Material	95,000.00	95,000.00	-	0.00%
31 Registrations, Dues ,Fees	104,100.00	131,200.00	(27,100.00)	-20.66%
32 Safety Supplies	43,700.00	54,700.00	(11,000.00)	-20.11%
33 Salaries & Wages	8,585,000.00	7,954,400.00	630,600.00	7.93%
34 Scada & Instrumentation	57,000.00	65,000.00	(8,000.00)	-12.31%
35 Small Tools	110,000.00	117,500.00	(7,500.00)	-6.38%
36 Software Maintenance	132,000.00	132,862.00	(862.00)	-0.65%
37 Studies/Surveys	165,000.00	623,888.00	(458,888.00)	-73.55%
38 Supply Main Maint.	18,500.00	20,500.00	(2,000.00)	-9.76%
39 System Maintenance Contracts	58,000.00	59,600.00	(1,600.00)	-2.68%
40 Telephone	61,620.00	59,620.00	2,000.00	3.35%
41 Temp Wages	12,000.00	53,800.00	(41,800.00)	-77.70%
42 Travel Lodging & Meals	92,510.00	105,600.00	(13,090.00)	-12.40%
43 UV Equipment	104,000.00	130,000.00	(26,000.00)	-20.00%
44 Vehicle Repair & Maint	208,000.00	199,000.00	9,000.00	4.52%
45 Vehicles Gas & Oil	211,000.00	170,000.00	41,000.00	24.12%
46 Wellness Programs	7,000.00	10,000.00	(3,000.00)	-30.00%
47 Workers Compensation	201,700.00	201,700.00	-	0.00%
48 Wyoming Retirement	1,247,000.00	1,243,000.00	4,000.00	0.32%
49 All Other	666,800.00	551,300.00	115,500.00	20.95%
50 Total O & M Expenses	\$ 23,120,380	\$ 23,687,823	\$ (567,443)	-2.40%

II. O & M Expenses by Division/Area:				
51 Reuse	\$ 241,000	\$ 236,000	\$ 5,000.00	2.12%
52 Water Treatment	3,908,730	4,023,920	\$ (115,190.00)	-2.86%
53 Operations & Maintenance	4,310,400	4,392,129	\$ (81,729.00)	-1.86%
54 Engineering & Wtr. Resource	1,988,350	1,901,742	\$ 86,608.00	4.55%
55 Administration	9,797,200	9,825,730	\$ (28,530.00)	-0.29%
56 Water Reclamation	2,874,700	3,308,302	\$ (433,602.00)	-13.11%
57 Total O & M Expenses	\$ 23,120,380	\$ 23,687,823	\$ (567,443)	-2.40%

III. Explanation:

- 58 Line 29 include 30% increase due to higher anticipated property costs per WARM
- 59 Line 33 Includes a requested 3.0% pay for performance salary adjustment pending Board of Directors' Approval
(Accounts: 111-5120,112-5120,120-5120,121-5120,123-5120,130-5120,131-5120,132-5120,140-5120,141-5120,150-5120,161-5120,162-5120,163-5120,164-5120,230-5120,231-5120,232-5120,240-5120,241-5120,242-5120,250-5120,261-5120,262-5120,263-5120,264-5120,280-5120,281-5120,282-5120,283-5120)
- 60 Line 17 includes a 15% increase for health insurance
(Account 150.5230 & 250.5230)
- 61 Line 17 for FY2021 includes savings for employee self-insurance
(Account 150.5233 & 250.5233)

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Recommended	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
1 I. Combined Capital Purchases:				
2 Water Treatment Facilities	\$ 120,000	\$ 35,000	\$ 85,000	242.86%
3 Water Reclamation Plants	80,000	1,017,051	(937,051)	-92.13%
4 Transmission & Distribution	335,000	335,000	-	0.00%
5 Sewer Collection Mains	20,000	-	20,000	
6 Machinery & Equipment	7,000	53,000	(46,000)	
7 Transportation Equipment	210,000	55,000	155,000	281.82%
8 Land and Buildings	21,000	-	21,000	
9 Office Furniture & Equipment	165,000	140,600	24,400	17.35%
10 Total Combined Capital	<u>\$ 958,000</u>	<u>\$ 1,635,651</u>	<u>\$ (677,651)</u>	<u>-41.43%</u>
11 II. Water Capital Purchases:				
12 Water Treatment Facilities	\$ 120,000	\$ 35,000	\$ 85,000	242.86%
13 Transmission & Distribution	335,000	335,000	-	0.00%
14 Machinery & Equipment	7,000	-	7,000	
15 Transportation Equipment	97,500	55,000	42,500	77.27%
16 Land & Buildings	\$ 15,750	\$ -	15,750	
17 Office Furniture & Equipment	123,750	111,400	12,350	11.09%
18 Total Water Capital	<u>\$ 699,000</u>	<u>\$ 536,400</u>	<u>\$ 162,600</u>	<u>30.31%</u>
19 III. Sewer Capital Purchases:				
20 Water Reclamation Plants	\$ 80,000	\$ 1,017,051	\$ (937,051)	-92.13%
21 Sewer Collection Mains	20,000	-	20,000	
22 Machinery & Equipment	-	53,000	(53,000)	-100.00%
23 Transportation Equipment	112,500	-	112,500	
24 Land & Buildings	5,250	-	41,250	
25 Office Furniture & Equipment	41,250	29,200	(29,200)	41.27%
26 Total Sewer Capital	<u>\$ 259,000</u>	<u>\$ 1,099,251</u>	<u>\$ (845,501)</u>	<u>-76.44%</u>

IV. Explanation:

- 27 Line 15 & 23: Includes replacement of three vehicles.
- 28 Lines 17 & 25: Replacement of phone system.

	Fiscal Year 2022 Recommended	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	% Inc / Dec
I. Construction Projects:				
1 Cheyenne Wtr. Development	\$ -	\$ 15,159,822	\$ (15,159,822)	-100.00%
2 Wtr. Delivery & Collection	-	-	-	
3 Raw Wtr & Dam Projects	3,150,000	-	3,150,000	
4 Well field Projects	160,000	345,710	(185,710)	
5 Distribution Projects	937,500	7,197,789	(6,260,289)	-86.98%
6 Large Wtr Trans Main Projects	-	236,600	(236,600)	
7 Water Treatment Plants	850,000	4,826,698	(3,976,698)	-82.39%
8 Swr. Collection Main Prjts.	1,829,000	3,835,683	(2,006,683)	-52.32%
9 Wstwt. Reclaim. Plant Projects	200,000	400,000	(200,000)	
10 Wtr Recla Development Projects	-	3,150,900	(3,150,900)	-100.00%
11 Large Swr Collection Main Projects	-	2,747,700	(2,747,700)	
12 Operations & Maintenance Building	-	738,891	(738,891)	
13 Total Combined Construction Work	\$ 7,126,500	\$ 38,639,793	\$ (31,513,293)	-81.56%
II. Major Water Projects Include:				
15 Special Water Projects	\$ -	\$ 400,000	\$ (400,000)	-100.00%
16 2013 Master Plan Vol. 10 Project	-	463,080	(463,080)	-100.00%
17 SCADA Rehab	225,000	1,118,097	(893,097)	-79.88%
18 North City Pump Interconnect & Expansion	-	2,759,822	(2,759,822)	-100.00%
19 North City Improvement Projects	-	12,000,000	(12,000,000)	-100.00%
20 Well Rehab/Projects	160,000	-	160,000	100.00%
22 Distribution Projects	682,500	5,679,692	(4,997,192)	-87.98%
23 Filter Media and Repair	-	718,186	(718,186)	0.00%
24 Floc Basin Repair	650,000	-	650,000	
25 Reimburse Oversize Mains	30,000	400,000	(370,000)	-92.50%
26 AEM Wellfield Survey	-	345,710	(345,710)	-100.00%
27 SOS Rehab FY21	-	236,600	(236,600)	-100.00%
28 RLS Hydro Electric Project	-	4,108,512	(4,108,512)	-100.00%
29 Crystal Bypass	3,000,000	-	3,000,000	100.00%
30 Fiber Optic - Rob Roy	150,000	-	150,000	100.00%
31 Hypochlorite Generation	200,000	-	200,000	100.00%
32 Total Water Construction	\$ 5,097,500	\$ 28,229,699	\$ (26,482,199)	-81.94%
III. Major Sewer Projects Include:				
34 Sewer Collection Main Projects	\$ 1,590,000	\$ 3,472,327	\$ (1,882,327)	-54.21%
35 Reimburse Oversize Mains	200,000	300,000	(300,000)	-33.33%
36 Allison Draw S. Interceptor	-	2,747,700	(2,747,700)	
37 Sludge Dewater	-	2,872,303	(2,872,303)	
38 2013 Master Plan Vol. 10 Project	-	275,811	(275,811)	
39 Fiber Optic CC to DR	-	278,597	(278,597)	
40 SCADA Rehab	39,000	63,356	(24,356)	
41 Water Reclamation Special Projects	200,000	400,000	(200,000)	-50.00%
42 Total Sewer Construction	\$ 2,029,000	\$ 10,410,094	\$ (2,082,327)	-80.51%
43 Note: Budget balances for projects not completed in FY 2021 will be carried over to FY 2022. Projects not completed in FY 2020 were carried over to FY 2021 and reflect in the balances.				

	Fiscal Year 2022 Recommend	Fiscal Year 2021 Adjusted	Amount of Increase/ (Decrease)	Percent Increase/ Decrease
I. Combined Debt Service:				
1 Combined Debt Service Totals	\$ 6,438,500	\$ 6,436,200	\$ 2,300	0.04%
II. Water Principal and Interest Payments:				
3 2004 DWSRF #034 Loan- Water Main Rehabs	47,800	47,800	-	0.00%
4 2005 DWSRF #056 Loan - Wsthl/RdTp Main	62,100	62,000	100	0.16%
5 2006 DWSRF#65 Loan-S. Wtr Trans Main Ph I	335,000	335,700	(700)	-0.21%
6 2007 CWSRF #84 Admin Bldg. - Eng	18,100	18,100	-	0.00%
7 2008 DWSRF #106 Admin Bldg. - Const.	119,500	119,350	150	0.13%
8 2008 CWSRF #115 Admin Bldg. - Const.	119,500	119,350	150	0.13%
9 2007 CWSRF #81 Reuse Phase II	82,000	82,200	(200)	-0.24%
10 2008 DWSRF #79 30" wtr main Rdtp I-25	329,300	329,150	150	0.05%
11 2011 DWSRF #120 Southern Wtr Main Ph II	481,100	480,850	250	0.05%
12 2013 Advance Refunding Bond Issue	980,000	978,500	1,500	0.15%
13 2016 Holliday Park Reuse Project	37,500	37,500	-	0.00%
14 2016 DWSRF #177 Southern Water Main Ph III	187,100	186,900	200	0.11%
15 2017 DWSRF #178 Buffalo Ridge Booster St.	-	-	-	0.00%
16 2021 DWSRF #169 N. City Improvement	-	-	-	0.00%
17 Total Water Debt Service	\$ 2,799,000	\$ 2,797,400	\$ 1,600	0.06%
III. Sewer Principal and Interest Payments:				
19 CWSRF #046 WWTP - Construction	\$ 2,338,300	\$ 2,338,250	\$ 50	0.00%
20 CWSRF #060 WWTP - WAFB/Parsley	175,000	175,500	(500)	-0.28%
21 2007 CWSRF #84 Admin Bldg. - Eng	6,100	6,100	-	0.00%
22 2008 DWSRF #106 Admin Bldg. - Const.	40,000	40,475	(475)	-1.17%
23 2008 CWSRF #115 Admin Bldg. - Const.	40,000	40,475	(475)	-1.17%
24 2013 CWSRF #133 Crow Creek WRF Project	321,000	315,650	5,350	1.69%
25 2015 CWSRF #144 Ph One S. Sewer Main	84,000	83,900	100	0.12%
26 2018 CWSRF #159 Ph One S. Sewer Main	635,100	638,450	(3,350)	-0.52%
27 Total Sewer Debt Service	\$ 3,639,500	\$ 3,638,800	\$ 700	0.02%
IV. Explanation:				

Comparison of Salaries and Benefits
Fiscal Year 2022 to Fiscal Year 2021

	Salaries & Wages	FICA/ Medicare	Retirement * Board	Retirement* Employee	Retirement Total	Workers Comp.
I. Budget Amount:						
FY22 - Recommended Budget						
Water	\$ 5,573,100	\$ 414,000	\$ 471,988	\$ 340,012	812,000	\$131,900
Sewer	3,171,950	217,000	252,850	182,150	435,000	69,800
	<u>8,745,050</u>	<u>631,000</u>	<u>724,838</u>	<u>522,162</u>	<u>1,247,000</u>	<u>201,700</u>
2/28/2021						
Water	5,245,950	414,000	471,764	336,236	808,000	131,900
Sewer	2,907,150	217,000	253,982	181,018	435,000	69,800
FY21 Adjusted Budget	<u>8,153,100</u>	<u>631,000</u>	<u>725,746</u>	<u>517,254</u>	<u>1,243,000</u>	<u>201,700</u>
Change	<u>\$ 591,950</u>	<u>\$ -</u>	<u>\$ (908)</u>	<u>\$ 4,908</u>	<u>\$ 4,000</u>	<u>\$ -</u>

II. Summary of Changes:

Proposed Wage Request	\$ 256,607	Recommended 3.0% pay for performance raises with Board of Directors' approval	
FY 2022 Market Adjustments Adjustments/Hire Differential	329,193	Market Adjustment/Promotions and Difference between new hire wage and former employee wage	
New Regular Positions	37,200	FY22 -\$37,200	FY21 - \$0 Additional person hired at water treatment during the early retirement transition. The position was filled April 2020.
Longevity	7,600	FY22 -\$115,340	FY21 - \$106,740
Certification / Advancements	-	FY22 -\$65,180	FY21 - \$65,180
Shift Differential	-	FY22 -\$44,800	FY21 - \$44,800
Duty Truck	-	FY22 -\$40,000	FY21 -\$40,000
Overtime	3,150	FY22 -\$108,050	FY21 -\$104,900
Temp Wages	<u>(41,800)</u>	FY22 -\$12,000	FY21 -\$53,800
Net changes FY 2020	<u>\$ 591,950</u>		

III. Insurance Budget Summary:

	(a+b+c+d) Total Insurance	a Health Employer **	b Dental Employer	c Life & AD&D/LTD	d Affordable Care Act
FY 2022					
Water	\$ 2,350,000	\$ 2,065,155	\$ 146,157	\$ 76,896	\$ 61,788
Sewer	<u>\$ 1,365,000</u>	<u>\$ 1,199,551</u>	<u>\$ 84,898</u>	<u>\$ 44,665</u>	<u>\$ 35,890</u>
	<u>3,715,000</u>	<u>3,264,706</u>	<u>231,055</u>	<u>121,561</u>	<u>97,678</u>
FY 2021 as of 2/28/21					
Water	\$ 2,043,400	\$ 1,795,710	\$ 127,079	\$ 66,879	\$ 53,743
Sewer	<u>\$ 1,186,900</u>	<u>\$ 1,043,031</u>	<u>\$ 73,814</u>	<u>\$ 38,837</u>	<u>\$ 31,207</u>
	<u>3,230,300</u>	<u>2,838,741</u>	<u>200,893</u>	<u>105,717</u>	<u>84,950</u>
Change	<u>\$ 484,700</u>	<u>\$ 425,965</u>	<u>\$ 30,162</u>	<u>\$ 15,844</u>	<u>\$ 12,728</u>

*Recommendation for the Board to budget the 0.5% increase in employer (9.62%)
and a portion of the employee retirement (6.75%) (Accounts; 150-5231,250-5231)

**The 2022 health insurance budget is factored with a 15% increase. (Accounts; 150-5230,250-5230)

Board of Public Utilities
Salaries Budgeted for FY 2022

	Fiscal Year 2022 24-Mar-21	Proposed Salaries	Shift Differential	New Positions	Cert & Advncmt	Budget Salaries	Duty Truck	Overtime	Temp Wages	Total Wages
Source of Supply:										
3	Ground Water	181,000		-		\$ 181,000	\$ -	\$ 1,000	\$ -	\$ 182,000
6	Surface Water	433,000		-		433,000	-	2,500	-	435,500
Water Treatment:										
1.5	Trmt Fac Staff	129,000		-		129,000	-	500	-	129,500
13	Plt Operators	701,400	22,400	37,200	28,000	789,000	-	14,000	-	803,000
2	Lab Staff.	129,200		-	3,380	133,000	-	400	-	133,400
Transmission & Distribution:										
5.5	O&M Staff	299,000		-		299,000	-	-	6,000	305,000
14	Utility Workers	760,000		-		760,000	-	-	-	760,000
11	Support Svcs.	406,800		-	9,200	416,000	20,000	52,000	-	488,000
Engineering & Water Resources:										
8	Eng. Staff	610,000		-		610,000	-	9,000	-	619,000
4	G.I.S. Staff	164,000		-		164,000	-	-	-	164,000
5	Inspections	250,000		-		250,000	-	-	-	250,000
Administration & General:										
7.5	Admin. Staff	506,000		-		506,000	-	1,500	-	507,500
I.T. & Customer Services:										
5	I.T. Staff	275,000		-		275,000	-	200	-	275,200
7.5	Customer Svcs.	283,000		-		283,000	-	-	-	283,000
4	Meter Info Tech	176,000		-		176,000	-	-	-	176,000
1	Conservation	62,000		-		62,000	-	-	-	62,000
98.0	Total Water	5,365,400	22,400	37,200	40,580	5,466,000	20,000	81,100	6,000	5,573,100
Sewer Treatment:										
5.5	Sewer Admin.	425,000		-		425,000	-	1,000	4,000	430,000
2	Crow Creek	93,000		-		93,000	-	1,500	-	94,500
14	Dry Creek	584,200	22,400	-	13,400	620,000	-	5,000	-	625,000
2	Lab Admin.	126,000		-		126,000	-	100	-	126,100
Sewer Collection:										
	O&M Staff	100,000		-		100,000	-	-	2,000	102,000
15	Utility Workers	807,800		-	11,200	819,000	20,000	15,000	-	854,000
	Support Svcs.	157,000		-		157,000	-	-	-	157,000
Engineering & Water Resources:										
	Eng. Staff	204,000		-		204,000	-	3,750	-	207,750
	G.I.S. Staff	55,000		-		55,000	-	-	-	55,000
	Inspections	84,000		-		84,000	-	-	-	84,000
Administration & General:										
	Admin. Staff	169,000		-		169,000	-	500	-	169,500
I.T. & Customer Services:										
	I.T. Staff	92,000		-		92,000	-	-	-	92,000
	Customer Svcs.	95,000		-		95,000	-	100	-	95,100
	Meter Info Tech	59,000		-		59,000	-	-	-	59,000
	Conservation	21,000		-		21,000	-	-	-	21,000
38.5	Total Sewer	3,072,000	22,400	-	24,600	3,119,000	20,000	26,950	6,000	3,171,950
136.50	Grand Total	\$ 8,437,400	\$ 44,800	\$ 37,200	\$ 65,180	\$ 8,585,000	\$ 40,000	\$ 108,050	\$ 12,000	\$ 8,745,050

	Total Wages	Estimated Leave	Total FICA Wages	FICA 7.650%	Retirement Wages	Retirement Employer Share 9.37%	Retirement Employee Share* 6.75%	Total Retirement	Workers Comp
Water	\$ 5,573,100	\$ 215,900	\$ 5,412,000	\$ 414,000	\$ 5,037,000	\$ 471,988	\$ 340,012	\$ 812,000	\$ 131,900
Sewer	3,171,950	147,900	2,837,000	217,000	\$ 2,699,000	252,850	182,150	435,000	69,800
Total	\$ 8,745,050	\$ 363,800	\$ 8,249,000	\$ 631,000	\$ 7,736,000	\$ 724,839	\$ 522,161	\$ 1,247,000	\$ 201,700

* Employee share paid by the Board (Accounts 150-5231,250-5231)

Board of Utilities
City of Cheyenne, Wyoming
Water and Sewer Enterprise Fund Budgets

	Actual FY2016	Actual FY 2017	Actual FY2018	Actual FY 2019	Actual FY 2020	Adjusted Budget FY 2021	Proposed Budget FY 2022	FY 22 to FY 21 Bd/Bdgt % Inc/Dec	FY 22 to FY 21 Bd/Bdgt % Inc/Dec
Water & Sewer Revenues:									
Operating Revenue:									
Water Sales	\$ 19,264,134	\$ 20,331,453	\$ 21,167,383	\$ 19,383,845	\$ 21,236,291	\$ 20,880,300	\$ 19,148,200	-8.30%	7.72%
Sewer Charges	11,013,458	11,793,474	12,261,814	13,008,656	13,307,490	13,465,700	12,842,500	-4.63%	3.51%
Fees and Penalties	758,002	595,547	648,050	731,110	237,685	320,000	302,000	-5.63%	-56.23%
Miscellaneous	210,978	160,785	264,445	279,395	531,693	490,000	582,500	18.88%	75.38%
Total Operating Revenue:	\$ 31,246,572	\$ 32,881,259	\$ 34,341,692	\$ 33,403,006	\$ 35,313,159	\$ 35,156,000	\$ 32,875,200	-6.49%	5.25%
Nonoperating Revenue:									
Interest Revenue	\$ 137,246	\$ 124,146	\$ 407,906	\$ 1,030,925	\$ 745,247	\$ 464,000	\$ 428,000	-7.76%	-54.99%
***System Dev. Fees / Misc.	4,014,692	3,553,222	3,110,333	2,494,133	2,971,279	2,530,600	2,670,000	5.51%	1.46%
Gain/Loss on sale of Assets	18,094	42,640	96,516	7,000	-	-	-	#DIV/0!	-100.00%
Grants	884,292	2,159,120	6,046,604	1,065,740	-	8,040,000	2,010,000	-75.00%	654.41%
Donated Utilities	3,166,873	1,972,420	2,588,077	1,708,954	2,810,751	-	-	#DIV/0!	-100.00%
Total Nonoperating Revenue:	\$ 8,221,197	\$ 7,851,548	\$ 12,249,436	\$ 6,306,752	\$ 6,527,277	\$ 11,034,600	\$ 5,108,000	-53.71%	74.96%
Total Water and Sewer Revenues:	\$ 39,467,769	\$ 40,732,807	\$ 46,591,128	\$ 39,709,758	\$ 41,840,436	\$ 46,190,600	\$ 37,983,200	-17.77%	16.32%
Water and Sewer Expenditures:									
Operation and Maintenance Expenses:									
Reuse	\$ 135,913	\$ 120,275	\$ 164,831	\$ 60,422	\$ 178,614	\$ 236,000	\$ 241,000	2.12%	290.58%
Water Treatment	2,331,414	2,673,016	2,443,070	3,402,970	3,505,615	4,023,920	3,908,730	-2.86%	18.25%
Transmission & Distribution	2,074,783	2,111,074	2,449,095	2,524,185	2,458,196	2,556,000	2,692,850	5.35%	1.26%
Wastewater Treatment	2,473,363	2,504,491	2,472,747	2,614,490	2,423,284	3,308,302	2,874,700	-13.11%	26.54%
Sewer Collection Lines	1,239,039	1,145,986	1,309,262	1,543,025	1,109,534	1,836,129	1,617,550	-11.90%	19.00%
Engineering & Water Resources	2,097,337	2,141,056	2,734,698	1,399,688	1,578,133	1,901,742	1,988,350	4.55%	35.87%
Administration & General	6,745,429	6,854,027	7,001,228	9,228,539	8,090,036	9,825,730	9,797,200	-0.29%	6.47%
Total Operation & Maintenance:	\$ 17,097,278	\$ 17,549,925	\$ 18,574,931	\$ 20,773,319	\$ 19,343,412	\$ 23,687,823	\$ 23,120,380	-2.40%	14.03%
Other Expenditures:									
Capital Purchases	\$ 1,303,779	\$ 846,122	\$ 1,304,787	\$ 1,016,236	\$ 760,944	\$ 1,635,651	\$ 958,000	-41.43%	60.95%
Construction In Progress:	10,587,484	7,972,844	25,464,833	7,654,399	7,695,578	38,639,793	7,126,500	-81.56%	404.81%
Debt Service - Interest	1,760,993	1,481,779	1,255,547	1,230,437	1,380,509	1,354,150	1,186,700	-12.37%	10.05%
Debt Service - Principal	6,672,406	10,794,378	5,990,985	5,502,759	9,446,310	5,082,050	5,251,800	3.34%	-7.65%
Total Other Expenditures:	\$ 20,324,662	\$ 21,095,123	\$ 34,016,152	\$ 15,403,831	\$ 19,283,341	\$ 46,711,644	\$ 14,523,000	-68.91%	203.25%
Total Water & Sewer Expenditures:	\$ 37,421,940	\$ 38,645,048	\$ 52,591,083	\$ 36,177,150	\$ 38,626,753	\$ 70,399,467	\$ 37,643,380	-46.53%	94.60%
Plus: Loan Proceeds	\$ 3,483,028	\$ 1,462,200	\$ 14,899,332	\$ 3,016,930	\$ 4,205,345	\$ 3,960,000	\$ 990,000		
Excess/(Deficit) - from Cash:	\$ 5,528,857	\$ 3,549,959	\$ 8,899,377	\$ 8,168,175	\$ 5,113,683	\$ (20,248,867)	\$ 1,589,820		

02/28 of Current FY Cash and Investments

\$ 47,283,877 \$ 45,352,876 \$ 48,767,202

**Starting in FY2020 Source of Supply has been rolled into water treatment from engineering. I.T. included within Administration

***SDF (Water Fund) monies are restricted funds (Account 199.8210/expending \$100,000 AEM Wellfield Survey Account 199.9220); requesting \$633,000 in Reserves to balance budget

Board of Utilities
City of Cheyenne, Wyoming
Water Enterprise Fund Budget

	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted Budget FY 2021	Proposed Budget FY 2022	FY 22 to FY 21 Bd/Bdgt % Inc/Dec	FY 22 to FY 20 Bd/Bdgt % Inc/Dec
Water Revenues:								
Operating Revenue:								
Water Sales	\$ 20,331,453	\$ 21,167,383	\$ 19,383,845	\$ 21,236,291	\$ 20,880,300	\$ 19,148,200	-8.30%	-9.83%
Fees and Penalties	164,322	209,294	174,285	132,955	165,000	170,000	3.03%	27.86%
Miscellaneous	138,027	173,854	233,469	221,566	150,000	188,000	25.33%	-35.75%
Belvoir Wind Revenues				-	-	260,000		
Total Operating Revenue:	\$ 20,633,802	\$ 21,550,531	\$ 19,791,599	\$ 21,590,812	\$ 21,195,300	\$ 19,766,200	-6.74%	-8.45%
Nonoperating Revenue:								
Interest Revenue	\$ 90,716	\$ 281,002	\$ 694,793	\$ 554,505	\$ 363,000	\$ 325,000	-10.47%	-41.39%
Gain/Loss on sale of Assets	11,280	83,559	4,000	-	-	-		
***System Development Fees	1,630,642	2,541,631	2,005,813	2,431,107	1,930,600	1,820,000	-5.73%	-25.14%
Grants	2,159,120	6,046,604	1,065,740	-	8,040,000	2,010,000	-75.00%	
Donated Utilities	881,367	1,315,397	994,643	2,096,362	-	-		-100.00%
Total Nonoperating Revenue:	\$ 4,773,125	\$ 10,268,193	\$ 4,764,989	\$ 5,081,974	\$ 10,333,600	\$ 4,155,000	-59.79%	-18.24%
Total Water Revenues:	\$ 25,406,927	\$ 31,818,724	\$ 24,556,588	\$ 26,672,786	\$ 31,528,900	\$ 23,921,200	-24.13%	-24.13%
Water Expenditures:								
Operation and Maintenance Expenses:								
Reuse	\$ 120,275	\$ 164,831	\$ 60,422	\$ 178,614	\$ 236,000	\$ 241,000	2.12%	34.93%
Water Treatment	2,673,016	2,443,070	3,402,970	3,505,615	4,023,920	3,908,730	-2.86%	11.50%
Transmission & Distribution	2,111,074	2,449,095	2,524,185	2,458,196	2,556,000	2,692,850	5.35%	9.55%
Engineering & Water Resources	1,805,491	2,387,454	1,069,714	1,195,213	1,381,425	1,530,700	10.81%	28.07%
Administration & General	4,561,096	4,736,673	6,292,644	5,351,467	6,728,380	6,650,800	-1.15%	24.28%
Total Operation & Maintenance:	\$ 11,270,952	\$ 12,181,123	\$ 13,349,935	\$ 12,689,105	\$ 14,925,725	\$ 15,024,080	0.66%	18.40%
Other Expenditures:								
Capital Purchases	\$ 531,609	\$ 1,209,435	\$ 697,091	\$ 557,887	\$ 536,400	\$ 699,000	30.31%	25.29%
Construction In Progress	7,031,411	13,253,130	4,157,618	4,635,159	28,229,699	5,097,500	-81.94%	9.97%
Debt Service - Interest	798,488	638,482	639,258	604,142	567,150	515,000	-9.20%	-14.76%
Debt Service - Principal	6,357,792	3,723,510	3,177,124	6,621,814	2,230,250	2,284,000	-66.32%	-29.80%
Total Other Expenditures:	\$ 14,719,300	\$ 18,824,557	\$ 8,671,091	\$ 12,419,002	\$ 31,563,499	\$ 8,595,500	-72.77%	-30.79%
Total Water Expenditures:	\$ 25,990,252	\$ 31,005,680	\$ 22,021,026	\$ 25,108,107	\$ 46,489,224	\$ 23,619,580	-49.19%	111.11%
Plus: Loan Proceeds	\$ 1,321,173	\$ 7,449,666	\$ 3,014,604	\$ 1,900,000	\$ 3,960,000	\$ 990,000		
Excess/(Deficit) - from Cash:	\$ 737,848	\$ 8,262,710	\$ 5,550,166	\$ 3,464,679	\$ (11,000,324)	\$ 1,291,620		
02/28 of Current FY Cash and Investments				\$ 30,338,467	\$ 27,557,542	\$ 31,643,182		

**Starting in FY2020 Source of Supply has been rolled into water treatment from engineering. I.T. included within Administration

***SDF (Water Fund) monies are restricted funds (Account 199.8210 & 8220/expending \$1,633,230 for qualifying debt payments)

Board of Public Utilities
City of Cheyenne, Wyoming
Sewer Enterprise Fund Budget

	Actual FY2016	Actual FY 2017	Actual FY2018	Actual FY 2019	Actual FY 2020	Adjusted Budget FY 2021	Proposed Budget FY 2022	FY 22 to FY 21 Bd/Bdgt % Inc/Dec	FY 22 to FY Bd/Bdgt % Inc/Dec
Sewer Revenues:									
Operating Revenue:									
Sewer Charges	\$ 11,013,458	\$ 11,793,474	\$ 12,261,814	\$ 13,008,656	\$ 13,307,490	\$ 13,465,700	\$ 12,842,500	-4.63%	-3.49%
Fees and Penalties	501,452	431,225	438,756	556,825	104,730	155,000	132,000	-14.84%	26.04%
Miscellaneous	74,914	22,758	90,591	45,926	310,127	340,000	394,500	16.03%	27.21%
Total Operating Revenue:	\$ 11,589,824	\$ 12,247,457	\$ 12,791,161	\$ 13,611,407	\$ 13,722,347	\$ 13,960,700	\$ 13,369,000	-4.24%	-2.57%
Nonoperating Revenue:									
Interest Revenue	\$ 38,924	\$ 33,430	\$ 126,904	\$ 336,132	\$ 190,742	\$ 101,000	\$ 103,000	1.98%	-46.00%
Gain/Loss Sale of Assets	-	31,360	12,957	3,000	-	-	-		
***System Dev. Fees	1,620,218	1,922,580	568,702	488,320	540,172	600,000	850,000	41.67%	57.36%
Grants	115,430	-	-	-	-	-	-		
Donated Utilities	1,420,368	1,091,053	1,272,680	714,311	714,389	-	-		
Total Nonoperating Revenue:	\$ 3,194,940	\$ 3,078,423	\$ 1,981,243	\$ 1,541,763	\$ 1,445,303	\$ 701,000	\$ 953,000	35.95%	-34.06%
Total Sewer Revenues:	\$ 14,784,764	\$ 15,325,880	\$ 14,772,404	\$ 15,153,170	\$ 15,167,650	\$ 14,661,700	\$ 14,322,000	-2.32%	-5.58%
Sewer Expenditures:									
Operation and Maintenance Expenses:									
Water Reclamation	\$ 2,473,363	\$ 2,504,491	\$ 2,472,747	\$ 2,614,490	\$ 2,423,284	\$ 3,308,302	\$ 2,874,700	-13.11%	18.63%
Sewer Collection Lines	1,239,039	1,145,986	1,309,262	1,543,025	1,109,534	1,836,129	1,617,550	-11.90%	45.79%
Engineering & Water Resources	325,859	335,565	347,244	329,974	382,920	520,317	457,650	-12.04%	19.52%
Administration & General	2,212,502	2,292,931	2,264,555	2,935,895	2,738,569	3,097,350	3,146,400	1.58%	14.89%
Total Operation & Maintenance:	\$ 6,250,763	\$ 6,278,973	\$ 6,393,808	\$ 7,423,384	\$ 6,654,307	\$ 8,762,098	\$ 8,096,300	-7.60%	21.67%
Other Expenditures:									
Capital Purchases	\$ 617,122	\$ 314,513	\$ 95,352	\$ 319,145	\$ 203,057	\$ 1,099,251	\$ 259,000	-76.44%	27.55%
Construction In Progress	2,925,018	941,433	12,211,703	3,496,781	3,060,419	10,410,094	2,029,000	-80.51%	-33.70%
Debt Service - Interest	766,576	683,291	617,065	591,179	776,367	787,000	671,700	-14.65%	-13.48%
Debt Service - Principal	2,541,650	4,436,586	2,267,475	2,325,635	2,824,496	2,851,800	2,967,800	4.07%	5.07%
Total Other Expenditures:	\$ 6,850,366	\$ 6,375,823	\$ 15,191,595	\$ 6,732,740	\$ 6,864,339	\$ 15,148,145	\$ 5,927,500	-60.87%	-13.65%
Total Sewer Expenditures:	\$ 13,101,129	\$ 12,654,796	\$ 21,585,403	\$ 14,156,124	\$ 13,518,646	\$ 23,910,243	\$ 14,023,800	-41.35%	3.74%
Excess(Deficit) - Cash / Loans:	\$ 1,683,635	\$ 2,671,084	\$ (6,812,999)	\$ 997,046	\$ 1,649,004	\$ (9,248,543)	\$ 298,200		
Plus: Loan Proceeds	\$ 409,622	\$ 141,027	\$ 7,449,666	\$ 1,620,963	\$ -	\$ -			
Surplus/(Deficit) - Funded from Cash:	\$ 2,093,257	\$ 2,812,111	\$ 636,667	\$ 2,618,009	\$ 1,649,004	\$ (9,248,543)	\$ 298,200		
02/28 of Current FY Cash and Investments					\$ 16,945,410	\$ 17,795,334	\$ 17,124,020		

BOPU RESOLUTION 2021 - __

ENTITLED: "A RESOLUTION APPROVING THE APPROPRIATION OF MONIES FOR VARIOUS PURPOSES IN CONDUCTING BUSINESS FOR THE WATER AND SEWER DEPARTMENTS OF THE CITY OF CHEYENNE, WYOMING AND ANTICIPATING THE REVENUE TO MEET SAID APPROPRIATIONS FOR THE FISCAL YEAR BEGINNING JULY 1, 2021 AND ENDING JUNE 30, 2022."

WHEREAS, Wyoming Statute § 15-7-401 provides for a Board of Public Utilities to manage, operate, maintain and control municipal waterworks, sanitary sewer systems and sewage disposal plants;

WHEREAS, Cheyenne City Code, Chapter 2.68.010 established such a Board of Public Utilities to manage, operate, maintain, and control the municipal waterworks, sanitary sewer systems and sewage disposal plants; and

WHEREAS, in accordance with the provisions of Wyoming Statutes § 16-4-101 to § 16-4-124, known as the "Uniform Municipal Fiscal Procedures Act," the City of Cheyenne must adopt a budget for the operation of said municipal waterworks, sanitary sewer systems and sewage disposal plants for the period July 1, 2021 to June 30, 2022 (Fiscal Year 2022), and the Board hereby recommends to the City the budget hereinafter set forth.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF PUBLIC UTILITIES HEREBY APPROVES AND RECOMMENDS TO THE GOVERNING BODY OF THE CITY OF CHEYENNE, WYOMING:

SECTION 1. That the sum of \$ 23,619,580 or so much thereof as may be necessary and available, be appropriated for the several specific purposes of Cheyenne’s Water Department, including Operation & Maintenance, Construction, Capital, and Bond/Loan Debt Service for Fiscal Year 2022 as follows:

TOTAL WATER EXPENDITURES \$ 23,619,580

SECTION 2. That anticipated revenue and an amount to be drawn from cash and or loan proceeds from the Water Enterprise Fund, applicable to meet the appropriations for Fiscal Year 2022, are as follows:

TOTAL ANTICIPATED WATER REVENUE \$ 21,911,200

AMOUNT needed from Cash Reserves and/or from Grant/Loan Proceeds \$ 3,000,000 (Gran/Loan Proceeds)

TOTAL ANTICIPATED WATER REVENUE PLUS CASH \$ 24,911,200

SECTION 3. That the sum of \$ 14,023,800 or so much thereof as may be necessary and available, be appropriated for the several specific purposes of Cheyenne’s Sewer Department, including Operation & Maintenance, Construction, Capital, and Bond/Loan Debt Service for Fiscal Year 2022 as follows:

TOTAL SEWER EXPENDITURES \$ 14,023,800

SECTION 4. That anticipated revenue and an amount to be drawn from cash and or loan proceeds from the Sewer Enterprise Fund, applicable to meet the appropriations for Fiscal Year 2022, are as follows:

TOTAL ANTICIPATED SEWER REVENUE \$ 14,322,000

AMOUNT needed from Cash Reserves and/or from Grant/Loan Proceeds \$ 0

TOTAL ANTICIPATED SEWER REVENUE PLUS CASH \$ 14,322,000

SECTION 5. In accordance with Wyo. Stat. § 16-4-115, capital projects shall not lapse following the close of the budget year. Unexpended capital project budgets for Fiscal Year 2021 shall be carried forward to Fiscal Year 2022.

Presented, read, adopted, and passed, effective as of July 1, 2021 upon the affirmative vote of a majority of the members of the Board of Public Utilities at a meeting of said Board held April 26, 2021.

BOARD OF PUBLIC UTILITIES
of the City of Cheyenne, Wyoming

By: _____
Mary Guthrie, President

(SEAL)

Attest:

Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 - __

ENTITLED: "A RESOLUTION APPROVING AND DESIGNATING DEPOSITORIES FOR DEPOSIT OF PUBLIC FUNDS AND SIGNATURES FOR WITHDRAWAL OF FUNDS FROM ACCOUNTS AND AUTHORIZING THE ADMINISTRATION MANAGER TO PLACE INVESTMENTS ON BEHALF OF THE BOARD OF PUBLIC UTILITIES OF THE CITY OF CHEYENNE, WYOMING."

WHEREAS, the Board of Public Utilities ("BOARD") has exclusive authority to manage, operate, maintain, and control the Cheyenne Municipal Waterworks, Sanitary Sewage System and Sewage Disposal Plants of the City and to make rules and regulations necessary for the safe, economical and efficient operation and maintenance of the above facilities; and

WHEREAS, the following banks and institutions have applied and requested to be designated as Depositories for public funds received by the BOARD:

American National Bank,
First Interstate Bank,
State Treasurer – Local Government Investment Pool (W.S. § 9-1-416),
US Bank,
Wyoming Government Investment Fund, and
Wyoming Money Market Fund.

NOW, THEREFORE, BE IT RESOLVED by the BOARD that the above-referenced banks and institutions are designated as authorized Depositories for public funds of the Board of Public Utilities.

BE IT FURTHER RESOLVED that the following City officials:

Mayor, City of Cheyenne,
President, Board of Public Utilities, and
Administration Manager/Assistant City Treasurer, Board of Public Utilities,

are hereby authorized to endorse checks, drafts, notes, or other papers for deposit in the named Depositories, to the credit of the Board of Public Utilities, and to draw, sign and deliver, in the name of the Board of Public Utilities, checks against the funds on deposit in said Depositories and upon such checks to withdraw such funds from the Depositories.

BE IT FURTHER RESOLVED that the Administration Manager/Assistant City Treasurer shall be authorized and have the authority to place investments on behalf of the Board of Public Utilities of the City of Cheyenne Wyoming in accordance with the Board's investment policy and consistent with W.S. § 9-4-831(a) and W.S. § 9-1-416 and to enter into agreements with the designated depositories after review and approval as to form by the Board Attorney.

Presented, Read and Adopted this 26th Day of April, 2021 to become effective upon adoption by the Board of Public Utilities.

Mary Guthrie, President

(SEAL)

ATTEST:

Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 -

ENTITLED: "A RESOLUTION ADOPTING REVISED WATER RATES TO BE CHARGED TO USERS OF THE CHEYENNE WATER SYSTEM."

WHEREAS, the Board of Public Utilities ("Board") is authorized by State Statute and City Code to fix rates, fees and penalties for water and sanitary sewer services furnished to customers and any revision thereof is subject to the local governing body's review, modification and approval;

WHEREAS, the rates shall secure an income sufficient to:

- (a) Pay interest charges and principal payments on all outstanding water loans and bonds as they are due;
- (b) Pay for the operation and maintenance of the water system, including salaries, wages and benefits, and the cost of all materials and supplies necessary for repairs, replacements and upgrades to the system;
- (c) Cover all miscellaneous expenses;
- (d) Cover all usual extensions and enlargements, together with a reasonable allowance for emergency and unforeseen expenses; and
- (e) Provide and maintain a depreciation fund for the water department;

WHEREAS, the Board has determined that an increase in the water rates is justified to ensure adequate revenue is generated in order to pay for costs associated with those services rendered;

WHEREAS, the Governing Body of the City of Cheyenne, pursuant to Ordinance 4308, adopted June 8, 2020, requires that prior to the beginning of each fiscal year, the Board will calculate new rates for Water and Sewer services based on the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance, and the Wyoming Cost of Living Index – Southeast Region and prepare new rate schedules for Water and Sewer services that shall be presented in the form of an ordinance to the Governing Body;

WHEREAS, the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3% and the Wyoming Cost of Living Index – Southeast Region for the second quarter of 2020 was 1.1%; and the Engineering News Record Construction Cost Index (ENR CCI) for calendar year 2020, was 1.7%;

WHEREAS, the 2020 Board of Public Utilities Water and Wastewater Rate Study recommends a 5.0% adjustment for water rates for fiscal year 2022 in order to adequately fund operation & maintenance, capital equipment, infrastructure replacement and improvement, and debt service expenditures.

NOW, THEREFORE, BE IT RESOLVED that the Water rate schedule will be adjusted approximately 5.0%, effective January 1, 2022.

BE IT FURTHER RESOLVED that the following Water Rate Schedule is adopted by the Board, and that it be presented in the form of an ordinance to the Governing Body of the City of Cheyenne for approval, to become effective on consumption and bills issued on or after the dates indicated below on the water rate schedule:

WATER RATE SCHEDULE

Effective with metered consumption after November 01, 2021 on bills issued on or after the date indicated:

<u>Meter Size</u>	<u>January 1, 2022 Monthly Service Fee</u>	<u>January 1, 2021 Monthly Service Fee</u>
5/8 In. & 3/4 In.	\$ 6.43	\$ 6.12
1 In.	8.18	7.79
1 1/4 In. & 1 1/2 In.	13.01	12.39
2 In.	16.20	15.43
3 In.	63.08	60.08
4 In.	75.10	71.52
6 In.	97.65	93.00
8 In.	127.66	121.58
10 In.	165.18	157.31
12 In.	219.17	208.73

Service Fee: The monthly service fee is charged in addition to the charge per 1,000 gallons. This service fee is based upon the size of the water meter. The monthly service fee for outside city users will be 1.5 times the above rates.

		January 1, 2022 Volume Rate Charge <u>Per 1,000 Gallons</u>	January 1, 2021 Volume Rate Charge <u>Per 1,000 Gallons</u>
Residential Single-Family Structure (in-city)			
First Block	First 6,000	\$ 4.64	\$ 4.42
Second Block	Next 18,000	5.73	5.46
Third Block	Next 18,000	7.12	6.78
All Over	42,000	8.86	8.44
Residential Multifamily Structure (in-city)			
First Block	First 3,000 per unit	\$ 4.64	\$ 4.42
Second Block	Next 9,000 per unit	5.73	5.46
Third Block	Next 9,000 per unit	7.12	6.78
All Over	21,000 per unit	8.86	8.44
Commercial / Industrial		\$ 5.33	\$ 5.08
South Cheyenne Water & Sewer District		5.33	5.08
F.E. WAFB		5.33	5.08
Large volume Commercial / Industrial		5.09	4.85
Irrigation - Treated Water		5.99	5.70
Irrigation - Raw Water including WAFB		2.99	2.85
Reclaimed Water		2.43	2.31
Recycled Water		4.33	4.12
Treated Water Fill Station		7.98	7.60
Hydrant Meter - Treated Water		5.99	5.70

* The volume rate charge for all outside city customers will be 1.5 times the above rates (except for the Treated Water Fill Station rate).

Residential Multifamily Structure: Defined as a residential building with two or more, separate and distinct, residences (for example duplex, triplex, four-plex, etc.) where water to the building is measured through a single meter.

Large Volume Industrial / Commercial User: Defined as a user whose treated water demand is equal to or exceeds 1 million gallons a day (“mgd”) and whose demand upon the treated water system is constant on a day-to-day basis.

Raw water: Defined as surface water which is not treated by the Board’s water treatment plants.

Reclaimed water: Defined as water released from the Board’s water reclamation plants or water released from the water treatment plant that is not recycled.

Recycled water: Defined as water released from the Board’s water reclamation plant that has received tertiary treatment.

BE IT FURTHER RESOLVED that the following rates be charged for oil and mineral exploration and other related activities in Laramie County and other portions of Southeast Wyoming:

	January 1, 2022 Volume Rate Charge <u>Per 1,000 Gallons</u>	January 1, 2021 Volume Rate Charge <u>Per 1,000 Gallons</u>
Oil – Treated Water	\$ 17.71	\$ 16.87
Oil – Recycled Water	12.46	11.87
Oil – Raw Water	9.71	9.25
Oil – Reclaimed Water	6.95	6.62

BE IT FURTHER RESOLVED that the Board is authorized to negotiate contracts with water system users based upon the above rates and any revision of the above rates shall be subject to Governing Body review, modification, and approval.

BE IT FURTHER RESOLVED that the Board is authorized to negotiate contracts and rates with commercial and/or industrial users whose demand exceeds 500,000 gallons per day for the sale of raw water and/or reclaimed water. Said contracts and rates shall be subject to Governing Body approval.

BE IT FURTHER RESOLVED that the fees established by the Board be submitted to the Governing Body of the City of Cheyenne for approval and filing as provided by the Code of the City of Cheyenne, Wyoming.

ADOPTED this 26th day of April, 2021.

BOARD OF PUBLIC UTILITIES
BY:

Mary Guthrie, President

(SEAL)

ATTEST:

BY: _____
Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 - __

ENTITLED: "A RESOLUTION ADOPTING REVISED SEWER RATES TO BE CHARGED TO USERS OF THE CHEYENNE SEWER SYSTEM."

WHEREAS, the Board of Public Utilities ("Board") is authorized by State Statute and City Code to fix rates, fees and penalties for water and sanitary sewer services furnished to customers and any revision thereof is subject to the local governing body's review, modification and approval;

WHEREAS, the rates shall secure an income sufficient to:

- (a) Pay interest charges and principal payments on all outstanding sewer loans and bonds as they are due;
- (b) Pay for the operation and maintenance of the sewer system, including salaries, wages and benefits, and the cost of all materials and supplies necessary for repairs, replacements and upgrades to the system;
- (c) Cover all miscellaneous expenses;
- (d) Cover all usual extensions and enlargements, together with a reasonable allowance for emergency and unforeseen expenses; and
- (e) Provide and maintain a depreciation fund for the sewer department;

WHEREAS, the Board has determined that an increase in the sewer rates is justified to ensure adequate revenue is generated in order to pay for costs associated with those services;

WHEREAS, the Governing Body of the City of Cheyenne, pursuant to Ordinance 4308, adopted June 8, 2020, requires that prior to the beginning of each fiscal year, the Board will calculate new rates for Water and Sewer services based on the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance, and the Wyoming Cost of Living Index – Southeast Region and prepare new rate schedules for Water and Sewer services that shall be presented in the form of an ordinance to the Governing Body;

WHEREAS, user charges for contributors shall be based on requirements to adequately fund operation & maintenance, capital equipment, infrastructure replacement and improvement, and debt service expenditures;

WHEREAS, residential user charges for contributors connected to city sewer may be based on the user's average monthly water consumption as determined by water meter readings taken in January, February and March of each year or based on the actual metered water use each month;

WHEREAS, user charges for industrial and commercial contributors shall be based on water used each month. If an industrial or commercial contributor uses water which is not returned to the wastewater collection system, the user charge for that contributor may be based on a wastewater meter or meters or a water meter or meters installed and maintained at the contributor's expense, or any other method acceptable to the Board;

WHEREAS, the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3% and the Wyoming Cost of Living Index – Southeast Region for the second quarter of 2020 was 1.1%; and the Engineering News Record Construction Cost Index (ENR CCI) for calendar year 2020, was 1.7%;

WHEREAS, the 2020 Board of Public Utilities Water and Wastewater Rate Study recommends a 5.0% adjustment to sewer rates, for fiscal year 2022, in order to adequately fund operation & maintenance, capital equipment, infrastructure replacement and improvement, and debt service expenditures;

NOW, THEREFORE, BE IT RESOLVED that the sewer rate schedule will be adjusted by approximately 5.0% effective January 1, 2022.

BE IT FURTHER RESOLVED that the following Sewer Rate Schedule is adopted by the Board, and that it be presented in the form of an ordinance to the Governing Body of the City of Cheyenne for approval, to become effective on consumption and bills issued on or after the dates noted below on the Sewer rate schedule:

SEWER RATE SCHEDULE

Effective with metered consumption after November 01, 2021 on bills issued on or after the date indicated:

<u>Meter Size</u>	January 1, 2022 <u>Monthly Service Fee</u>	January 1, 2021 <u>Monthly Service Fee</u>
5/8 In. & 3/4 In.	\$ 5.49	\$ 5.23
1 In.	6.37	6.07
1 1/4 In. & 1 1/2 In.	7.80	7.43
2 In.	11.01	10.49
3 In.	15.71	14.96
4 In.	22.10	21.05
6 In.	37.72	35.92
8 In.	56.58	53.89
10 In.	75.44	71.85
12 In.	94.32	89.83

Service Fee: The monthly service fee is charged in addition to the charge per 1,000 gallons. This service fee is based upon the size of the water or sewer meter. The monthly service fee for outside city users will be 1.5 times the above rates.

	(5.0% inc.) January 1, 2022 Volume Rate Charge <u>Per 1,000 Gallons</u>	(Current) January 1, 2021 Volume Rate Charge <u>Per 1,000 Gallons</u>
Residential	\$ 5.41	\$ 5.15
Commercial / Industrial	5.41	5.15
South Cheyenne Water & Sewer District	5.41	5.15
F.E. WAFB	5.41	5.15
Large volume Commercial / Industrial	5.41	5.15

BE IT FURTHER RESOLVED that whenever a commercial / industrial user’s Biochemical Oxygen Demand concentration exceeds 350mg/l the sewage volume rate charge shall be increased by \$.56 per pound of waste and whenever the Total Suspended Solids concentration exceeds 700 mg/l the sewage volume rate charge shall be increased by \$.46 per pound of waste.

BE IT FURTHER RESOLVED that outside city customers, unless specifically identified above, will be charged 1.5 times the above rates.

BE IT FURTHER RESOLVED that the Board is authorized to negotiate contracts with sewer system users based upon the above rates and any revision of the above rates shall be subject to Governing Body review, modification, and approval.

BE IT FURTHER RESOLVED that the fees established by the Board be submitted to the Governing Body of the City of Cheyenne for approval and filing as provided by the Code of the City of Cheyenne, Wyoming.

ADOPTED this 26th day of April, 2021.

BOARD OF PUBLIC UTILITIES

BY: _____
Mary Guthrie, President

(SEAL)

ATTEST:

BY: _____
Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 - __

ENTITLED: "A RESOLUTION ADOPTING REVISIONS TO THE SEPTIC WASTE DUMP AND COMMERCIAL WASTE RATES TO BE CHARGED TO USERS OF THE CHEYENNE WATER AND SEWER SYSTEMS."

WHEREAS, the Board of Public Utilities ("Board") is authorized by State Statute and City Code to fix rates, fees and penalties for water and sanitary sewer services furnished to customers and any revision thereof is subject to the local governing body's review, modification and approval;

- WHEREAS, the rates shall secure an income sufficient to:
- (a) Pay interest charges and principal payments on all outstanding sewer loans and bonds as they are due;
 - (b) Pay for the operation and maintenance of the sewer system, including salaries, wages and benefits, and the cost of all materials and supplies necessary for repairs, replacements and upgrades to the system;
 - (c) Cover all miscellaneous expenses;
 - (d) Cover all usual extensions and enlargements, together with a reasonable allowance for emergency and unforeseen expenses; and
 - (e) Provide and maintain a depreciation fund for the sewer department;

WHEREAS, the Board has determined that an increase in the Septic Waste Dump and Commercial Waste rates are justified to ensure adequate revenue is generated in order to pay for costs associated with those services rendered;

WHEREAS, the Governing Body of the City of Cheyenne, pursuant to Ordinance 4308, adopted June 8, 2020, requires that prior to the beginning of each fiscal year, the Board will calculate new rates for Water and Sewer services based on the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance, and the Wyoming Cost of Living Index – Southeast Region and prepare new rate schedules for Water and Sewer services that shall be presented in the form of an ordinance to the Governing Body; and

WHEREAS, the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3% and the Wyoming Cost of Living Index – Southeast Region for the second quarter of 2020 was 1.1%; and the Engineering News Record Construction Cost Index (ENR CCI) for calendar year 2020, was 1.7%;

NOW, THEREFORE, BE IT RESOLVED that the septic waste dump and commercial waste rate schedule will be adjusted by approximately 5.0%.

BE IT FURTHER RESOLVED that the following Rate Schedule for septic waste dump and commercial waste is adopted by the Board, and that it be presented in the form of an ordinance to the Governing Body of the City of Cheyenne for approval, and will become effective on statements rendered, tickets purchased, and on septic and commercial waste delivered on or after the dates indicated:

RATE SCHEDULES

Effective with all tickets purchased and all septic waste and commercial waste dumped on or after the dates indicated:

Septic Waste Dump Rates: For dumping Septic tanks, port-a-pots, holding tank wastes, and from domestic uses such as toilets, sinks, showers, etc.

For the dumping of zero (0) to one hundred (100) gallons of septic tank waste.

	Price Per		Price Per
<u>Effective Date:</u>	<u>Ticket</u>	<u>Effective Date:</u>	<u>Ticket</u>
January 1, 2022	\$ 11.03	January 1, 2021	\$ 10.50

For the dumping of zero (0) to five hundred (500) gallons of septic tank waste.

	Price Per		Price Per
<u>Effective Date:</u>	<u>Ticket</u>	<u>Effective Date:</u>	<u>Ticket</u>
January 1, 2022	\$ 50.40	January 1, 2021	\$ 48.00

Septic Dump tickets are sold in books of ten, based upon the above rates, and are non-refundable. Tickets are for dumping of 0 to 500 gallons or for 0 to 100 gallons of septic tank waste.

Liquid Commercial Waste Tickets: Non-hazardous commercial waste, such as sand trap and oil water separator wastes.

For dumping 0 to 100 lbs
of liquid commercial waste

Price Per
Ticket
\$ 12.08

Effective Date:
January 1, 2022

For dumping 0 to 100 lbs
of liquid commercial waste.

Price Per
Ticket
\$ 11.50

Effective Date:
January 1, 2021

Liquid commercial waste tickets are sold individually based upon the above rates and are non-refundable. One ticket is for dumping of 0 to 100 pounds of liquid commercial waste.

BE IT FURTHER RESOLVED that the Board is authorized to negotiate contracts with septic waste dump and commercial waste users, based upon the above rates, and any revision of the above rates shall be subject to Governing Body review, modification, and approval.

BE IT FURTHER RESOLVED that the rates for Septic Waste Dump Tickets and/or Commercial Waste Tickets for outside City users will be 1.5 times the above rates.

BE IT FURTHER RESOLVED that the Board has the option of either billing septic tank haulers or requiring them to purchase septic waste dump tickets.

BE IT FURTHER RESOLVED that the septic waste dump and commercial waste rates established by the Board be submitted to the Governing Body of the City of Cheyenne for approval and filing as provided by the Code of the City of Cheyenne, Wyoming.

ADOPTED this 26th day of April, 2021

Board of Public Utilities

BY: _____
Mary Guthrie, President

(SEAL)

ATTEST:

BY: _____
Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 - _____

ENTITLED: "A RESOLUTION APPROVING REVISED WATER AND SEWER CONNECTION FEES, SYSTEM DEVELOPMENT FEES, PUMP STATION DEVELOPMENT FEES, AND RELATED FEES SET BY THE BOARD OF PUBLIC UTILITIES."

WHEREAS, the Board of Public Utilities ("BOARD") has exclusive authority to manage, operate, maintain and control the Cheyenne Municipal Waterworks, Sanitary Sewage System and Water Reclamation Facilities of the City and to make all rules and regulations necessary for the safe, economical and efficient operation and maintenance of the above facilities;

WHEREAS, the BOARD has determined that an increase in the fees is necessary to pay for costs associated with the new connectors' share of the water and sewer systems; water and sewer development; water and sewer debt service; over-sizing water and sewer mains; and for expansions to the water and sewer systems;

WHEREAS, the BOARD desires to set the fees to secure an income sufficient to:

- (a) Pay for costs associated with water and sewer installations;
- (b) Recover costs and reduce debt associated with water and sewer development and expansions to the City's water and sewer systems; and
- (c) Pay for costs associated with over-sizing water and sewer mains;

WHEREAS, the Governing Body of the City of Cheyenne, pursuant to Ordinance 4308, adopted June 8, 2020, requires that prior to the beginning of each fiscal year, the BOARD will calculate new rates for Water and Sewer services based on the "Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance" and the "Wyoming Cost of Living Index – Southeast Region," and prepare new rate schedules for Water and Sewer services that shall be presented in the form of an ordinance to the Governing Body;

WHEREAS, the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3% and the Wyoming Cost of Living Index – Southeast Region for the second quarter of 2020 was 1.1%;

WHEREAS, , the 2020 Board of Public Utilities Water and Wastewater Rate Study recommends an adjustment of 5.0% for fiscal year 2022 to Connection and System Development Fees which includes a provision to adjust fees based upon changes to the "Engineering News Record Construction Cost Index" (ENR CCI) which, for calendar year 2020, was 1.7%; and

NOW, THEREFORE, BE IT RESOLVED that the Water and Sewer Connection Fees, System Development Fees, Pump Station Development Fees, and Related Fees rate schedule will be adjusted approximately 5%, for Water and 5% for Sewer except as otherwise noted.

BE IT FURTHER RESOLVED that the following Schedule of Water and Sewer Connection Fees, System Development Fees, Pump Station Development Fees, and Related Fees is adopted by the BOARD and that it shall be presented in the form of an ordinance to the Governing Body of the City of Cheyenne for approval, and upon approval will become effective on the dates indicated below:

I. Water Connection Fee Based upon the following Meter Size–Connection Not Installed by BOPU:

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 294.00	\$ 280.00
1"	300.30	286.00
1 1/2"	311.85	297.00
2"	322.35	307.00

II. Water Connection Fee Based upon the following Meter Size – If Connection installed by BOPU:

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3"	\$ 3,328.50	\$ 3,170.00
4"	3,475.50	3,310.00
6"	4,053.00	3,860.00
8"	4,924.50	4,690.00
10"	6,531.00	6,220.00
12"	8,127.00	7,740.00

III. Water System Development Fee-Single Family Residential Meter Size:

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 9,103.50	\$ 8,670.00
1"	17,430.00	16,600.00
1 1/2"	26,565.00	25,300.00
2"	47,386.50	45,130.00

IV. Water System Development Fee-Multi-Family or a Multi-Unit Complex per Meter Size:

<u># of Units</u>	<u>Fee per Unit January 1, 2022</u>	<u>Fee per Unit January 1, 2021</u>
First 4	\$ 3,213.00	\$ 3,060.00
Next 8	2,142.00	2,040.00
Next 52	1,317.50	1,255.00
Over 64	645.50	615.00

V. Water System Development Fee-Commercial/Industrial User per Meter Size:

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 8,011.50	\$ 7,630.00
1"	21,000.00	20,000.00
1 1/2"	41,884.50	39,890.00
2"	67,042.50	63,850.00
3"	182,385.00	173,700.00
4"	314,454.00	299,480.00
6"	670,813.50	638,870.00

VI. Water System Development Fee – Large Commercial/Industrial User:

<u>Factor</u>	<u>Amount GPD</u>	<u>January 1, 2022 Multiplier</u>	<u>January 1, 2021 Multiplier</u>
Base Demand =	_____	\$ 14.44*	\$13.75*
Maximum Day Demand =	_____	5.67**	5.40**
Peak Hour Demand =	_____	0.19***	.18***

*Per gallon per day average day demand

**Per gallon per day Maximum day demand (excess of Base Demand)

***Per gallon per day Maximum hour demand (excess of Maximum Day Demand)

VII. Water Pump Station Fee based upon the following Meter size:

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 1,732.50	\$ 1,650.00
1"	2,751.00	2,620.00
1 1/2"	5,313.00	5,060.00
2"	8,578.50	8,170.00
3"	19,540.50	18,610.00
4"	32,539.50	30,990.00
6"	77,133.00	73,460.00
8"	136,437.00	129,940.00
10"	216,415.50	206,110.00
12"	316,638.00	301,560.00

VIII. Sewer Connection Fee:

Water Meter Size

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
All Sizes	\$ 134.00	\$ 128.00

The above fee is charged for each connection to the sewer system.

IX. Sewer System Development Fee-Single Family Residential:

Water Meter Size

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 2,278.50	\$ 2,170.00
1"	4,011.00	3,820.00
1 1/2"	8,452.50	8,050.00
2"	13,576.50	12,930.00

X. Sewer System Development Fee-Multi-Family or a Multi-Unit Complex:

<u># of Units</u>	<u>Fee per Unit January 1, 2022</u>	<u>Fee per Unit January 1, 2021</u>
First 4	\$ 898.50	\$ 856.00
Next 8	653.00	622.00
Next 52	392.50	374.00
Over 64	202.50	193.00

XI. Sewer System Development Fee-Commercial/Industrial User:
Water Meter Size

<u>Size</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
3/4"	\$ 2,667.00	\$ 2,540.00
1"	4,788.00	4,560.00
1 ½"	9,565.50	9,110.00
2"	15,319.50	14,590.00
3"	41,685.00	39,700.00
4"	71,883.00	68,460.00
6"	153,121.50	145,830.00

XII. Sewer System Development Fee-For Large Commercial/Industrial User:

<u>Factor</u>	<u>GPD or PPD</u>	<u>Amount</u>	<u>January 1, 2022</u>	<u>January 1, 2021</u>
		<u>Multiplier \$</u>	<u>Multiplier</u>	<u>Multiplier</u>
Wastewater Volume =			\$ 5.25*	\$ 5.00*
Biochemical Oxygen Demand =			\$ 1,113.00**	\$ 1,060.00**
Total Suspended Solids =			\$ 1,113.00**	\$ 1,060.00**

* Per gallon per day average day flow

** Per pounds per day average day demand

BE IT FURTHER RESOLVED that:

1. The applicant/contractor/developer shall comply with the following documents:
 - a. "Infrastructure Policy and Design Criteria" as amended from time to time, and
 - b. "City of Cheyenne & Board of Public Utilities Construction Specification Standard Drawings" as amended from time to time.
2. The applicant/contractor/developer shall submit a Utility Layout Plan identifying the water and / or sanitary sewer connection(s), service line size(s), curb stop and meter pit locations from the BOPU main line to the property. The Utility Layout Plan shall clearly show the property location (lot, block, subdivision), street names and addresses if available.
3. After approval of the Utility Layout Plan, the applicant/developer/contractor shall complete the connection permit application and pay all fees due prior to the issuance of a tap/connection permit ("PERMIT"), except for system development fees, which may be paid at either the time of issuance of a PERMIT or prior to the issuance of a building permit. The fees due shall be the amount of the fee in effect at the time payment is received.
4. Under no circumstance will the City of Cheyenne be allowed to issue a building permit prior to the payment of all fees due the BOARD, including system development fees. The applicant for a city building permit will be required to furnish proof to the City that all required fees have been paid to the BOARD, including the system development fees.
5. The applicant for the PERMIT shall remain liable to the BOARD for payment of all system development fees, without regard to subsequent assumption of payment responsibility by another party.
6. In no event shall water service be provided to the property before all fees, including system development fees, are paid in full.
7. If no building permit is required, then the applicant/contractor/developer shall pay all fees, including system development fees, before the issuance of a PERMIT.
8. **For All Connections to the BOPU Water and Sewer Systems, the applicant / contractor / developer shall be responsible for:**
 - a. Obtaining all necessary City Right of Way Permit(s), proper street cuts, excavation, trench boxes, OSHA approved safety setups, backfill, base course, compaction plus asphalt and concrete replacement and other construction costs. (Note: BOARD employees will not access areas that do not fully comply with OSHA approved safety standards. If complications arise during the tapping process and BOARD personnel are required to assist or re-inspect, the applicant will be billed for the additional expenses incurred.)
 - b. If required, the installation of wiring for a remote readout meter.
 - c. Notifying the BOARD prior to any type of irrigation. (The water tap fee does not include water for irrigation of lawns and or landscaping.)
 - d. Paying for any and all irrigation water.
 - e. Paying a penalty as described in the Schedule of Related Fees for failure to comply

with any of the requirements contained in this Resolution.

9. **For Water Meter Size Connections ¾", 1", 1½" and 2", the applicant / contractor / developer shall be responsible for:**
 - a. Providing all materials, labor and equipment necessary for the installation of the tap. Materials include, but are not limited to, the corporation, tapping saddle and if required the insulator coupling.
 - b. The proper installation of all material. These items must be installed at the address and location and in the manner specified on the Utility Layout Plan and permit. If the corporation and coupling are not properly installed or not in accordance with permit designation, then the applicant will be responsible for immediate removal and/or repair. (See most recent approved edition of City of Cheyenne & Board of Public Utilities Construction Specifications and Standard Drawings.)
10. **For Water Meter Size Connections 1½" and larger, the applicant / contractor / developer shall be responsible for:**
 - a. The installation of a manhole meter pit and/or vault, with ring and lid, pursuant to BOARD specifications.
 - b. All excavation and back filling.
11. **Water and Sewer Connection Fees:**
 - a. The water meter size connection fee for ¾ inch, 1 inch, 1½ inch, and 2-inch water connections include administrative fees (inspection fee, account fee, construction water fee and installation of the meter reading wireless interface).
 - b. The water meter size connection fee for water connections larger than 2 inch include the cost of material (tapping sleeve, tapping saddle, tapping valve, corporation stop, insulator coupling, valve box, valve box extension and adapter, one cubic yard concrete thrust block), labor and equipment to install the material, and the administrative fees (inspection fee, account fee, construction water fee and installation of the meter reading wireless interface).
 - c. The sewer connection fee includes the engineering fee for inspection and the sewer account fee.
12. **System Development Fees:**
 - a. Water connections for fire lines and main line extensions are exempt from system development fees.
 - b. Connections to the wastewater effluent system and/or the recycle water system are assessed system development fees based upon the water system development fee schedules.
13. **Water Pump Station Development Fees:**
 - a. For water connections issued within the designated Pump Station Water Service Area, the BOARD will collect the Water Pump Station Development Fee according to the fee schedule.
 - b. The applicant must pay the fee at the time the PERMIT is issued. Funds collected will be used to construct or enlarge various pump stations.
 - c. The Pump Station Development Fee will also be paid for undeveloped lands and lots currently annexed to the City of Cheyenne that have a restriction by the BOARD that the water pump station capacity must be enlarged. The PERMIT applicant, in lieu of having to enlarge the pump station capacity, will pay this fee.
 - d. The following lands and lots located inside the Pump Station Service Water Area are exempt from the pump station development fee:
 - i. Lands and lots already annexed to the City of Cheyenne with no pump station capacity enlargement restrictions by the BOARD.
 - ii. Lands and lots currently annexed or not annexed to the City of Cheyenne with a restriction by the BOARD stating that the pump station capacity must be enlarged by the owner and the pump station capacity has been enlarged to the BOARD's satisfaction.
 - e. For connections to the wastewater effluent and/or the recycle water systems that are served by a Pump Station, the BOARD will collect a Water Pump Station Development Fee according to the fee schedule. The PERMIT applicant, in lieu of having to enlarge the pump station capacity, will pay this fee.

BE IT FURTHER RESOLVED that all water and sewer connections and service connections within the boundaries of Warren Air Force Base will be charged the established in-city rates.

BE IT FURTHER RESOLVED that all taps and service connections outside the City limits will be charged 1.5 times for all the above fees, charges, and penalties.

BE IT FURTHER RESOLVED that the BOARD is authorized to negotiate contracts with water and sewer system users, based upon the above rates for water and sewer connections, system development fees, pump station development fees, and other related fees and that any revision of the above rates shall be subject to Governing Body review, modification and approval.

BE IT FURTHER RESOLVED that the foregoing fees, charges and penalties established by the BOARD be submitted to the City Council for approval and filing as provided by the Code of the City of Cheyenne.

ADOPTED THIS 26th DAY OF April, 2021.

BY _____
Mary Guthrie, President

(SEAL)

Attest;

BY _____
Matthew Pope, Secretary

BOPU RESOLUTION NO. 2021 - __

ENTITLED: “A RESOLUTION APPROVING REVISED ADMINISTRATIVE FEES, SERVICE CHARGES AND PENALTIES SET BY THE BOARD OF PUBLIC UTILITIES.”

WHEREAS, the Board of Public Utilities (“Board”) is authorized by State Statute and City Code to fix rates, fees and penalties for water and sanitary sewer services furnished to customers;

WHEREAS, the Board has determined that an increase in the administrative fees, service charges and penalties is justified to ensure adequate revenue is generated in order to pay for costs associated with those water and sewer services rendered;

WHEREAS, pursuant to City Code Section 13.04.140, rates and charges for the consumption of city utility services, charges and fees for connection thereto, inspections, penalties, shutoff penalties and meter installations are established by the Board, approved by the Governing Body and filed with the City Clerk and business office of the Board;

WHEREAS, the Governing Body of the City of Cheyenne, pursuant to Ordinance 4308, adopted June 8, 2020, requires that prior to the beginning of each fiscal year, the Board will calculate new rates for Water and Sewer services based on the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance, and the Wyoming Cost of Living Index – Southeast Region and prepare new rate schedules for Water and Sewer services that shall be presented in the form of an ordinance to the Governing Body; and

WHEREAS, the Bureau of Labor Statistics, Consumer Price Index, All Urban Consumers, Water and Sewer Maintenance for the calendar year 2020 was 3.3% and the Wyoming Cost of Living Index – Southeast Region for the second quarter of 2020 was 1.1%; and the Engineering News Record Construction Cost Index (ENR CCI) for calendar year 2020, was 1.7%;

NOW, THEREFORE, BE IT RESOLVED that the administrative fees, service charges and penalties fee schedule will be adjusted by approximately 5.0%.

BE IT FURTHER RESOLVED that the following fee schedule for administrative fees, service charges and penalties is adopted by the Board and that it shall be submitted to the Governing Body of the City of Cheyenne for approval to become effective January 1, 2022.

Administrative Fees, Service Charges and Penalties		
	Effective <u>January 1, 2022</u>	Effective <u>January 1, 2021</u>
Administration:	\$3.15	\$3.00
Late Payment Penalty (Charged accounts receiving a delinquency notice)		
Field Collection Charge/Trip Charge	\$17.64	\$16.80
Water Service Disconnect and/or Reconnect Fees*:		
During Office Hours	\$35.81	\$34.10
After Office Hours	\$53.87	\$51.30
*(Fee to disconnect or reconnect water service for nonpayment or inability to obtain a meter reading)		
ISF Checks or Returned Checks	\$31.50	\$30.00
Violations of Wise Water Use Plan and/or Conservation Program		
Under Normal Water Restrictions		
1st Violation (Warning)	\$0	\$0
2 nd (Violation during normal water restrictions)2nd Violation	\$78.75	\$75.00
3rd Violation	\$157.50	\$150.00
Subsequent Violations (each)	\$467.25	\$445.00
Under Abnormal Water Years		
1st Violation (Warning)	\$0	\$0
2 nd (Violation during normal water restrictions)2nd Violation	\$467.25	\$445.00
3rd Violation	\$787.50	\$750.00
Subsequent Violations (each)	\$787.50	\$750.00
Penalty for violation of City Codes (13.040.110 Unlawful Use or 13.08.040 Unlawful Activities)	\$640.50	\$610.00
Photocopies (B & W)	\$.40	\$.38

Photocopies (Color)	\$.47	\$.45
Fax Transmissions		
Inbound	\$1.72	\$1.64
Outbound	\$1.72	\$1.64
	\$13.76/ hour	\$13.10/ hour
Production and/or Duplication of Electronic Records or Recordings		
Customer Deposit (new)	\$399.00	\$380.00
Special Project Research	\$21.00 / hour	\$20.00 / hour
Special Computer Runs/Listings	\$76.65	\$73.00

Engineering:

Inspection Fee (per hour)	\$66.15	\$63.00
Inspection Fee (per hour) – Overtime	\$100.80	\$96.00
Construction Water	\$43.05	\$41.00
Penalty for connection to System Without Permit	\$640.50	\$612.00
Penalty for Irrigating without a meter	\$640.50	\$612.00
Penalty for removing a meter w/o permission	\$640.50	\$612.00
Common User Service Application Fee	\$140.70	\$134.00
Outside User Agreement Application Fee	\$350.70	\$334.00
Temporary Outside User Agreement Application Fee	\$173.25	\$165.00
Utility Plan Review Fee (per plan & profile)	\$77.70	\$74.00
Bid Documents/Specifications	\$44.10	\$42.00
Bid-Plans/Drawings	\$44.10	\$42.00
Oil & Mineral Exploration and other related activities Deposit	\$12,862.50	\$12,250.00

Operations and Maintenance:

Meter Installation/Removal Fee	\$61.43	\$58.50
Meter Installation/Removal Fee – Overtime	\$91.98	\$87.60
Meter Inspection Testing Fee	\$35.28	\$33.60
Jet Truck Assistance to Contractors/Plumbers	\$285.60/hour	\$272/hour
Camera Van Assistance to Contractors/Plumbers	\$285.60/hour	\$272/hour
Dump Truck (10 cubic yard) Assistance to Contractors/Plumbers	\$53.55/hour	\$51.00/hour
Utility Truck (1 ton 4 X 4) Assistance to Contractors/Plumbers	\$24.15/hour	\$23.00/hour
Wheel Backhoe Assistance to Contractors Plumbers	\$50.40/ hour	\$48.00/ hour
Sewer Blockage/Backup Fee	Actual Cost	Actual Cost
Water Distribution Damage Repair Fee	Actual Cost	Actual Cost
Damaged Meter - Frozen/Vandalized- 3/4"	Actual Cost	Actual Cost
Damaged Meter - Frozen/Vandalized- 1"	Actual Cost	Actual Cost
Repeat Frozen Meter Calls	\$59.85	\$57.00
Jumper Installation/Removal Fee	\$59.85	\$57.00
Construction Fire Hydrant Meter Deposit *	\$2,399.25	\$2,285.00
Construction Meter Damage Deposit *	\$1,349.25	\$1,285.00
Backflow Device and Equip Damage Deposit *	\$1,050.00	\$1,000.00
* (Damage to a Fire hydrant, water main or meter or backflow device and equipment and / or failure to report water consumption will result in forfeiture of all or part of the above deposits)		
Spanner Wrench	Actual Cost	\$65.00
Hydrant Meter Unitized Measuring Element Repair (UME)	\$630.00	\$600.00
Fire Hose (2 1/2 X 6)	Actual Cost	\$75.00
2" Auxiliary Valves & Adapters	Actual Cost	\$285.00
2" Back Flow Device & Adapters	Actual Cost	\$575.00
2" Back Flow Device Check Valve Repair Kit	Actual Cost	\$50.00
Permit and Handling Fee	\$42.84	\$40.80
Meter Rental Per Day	\$10.61	\$10.10
Water Consumption (per thousand gallons)	\$5.88	\$5.60
Penalty for improper use of hydrant and/or meter assembly	\$630.00	\$600.00
Penalty for taking water from Hydrant w/o Hydrant Meter/Backflow or proper Hydrant Permit	\$630.00	\$600.00
Purchase of old Hydrants - (unserviceable)	\$10.50	\$10.00

Water Reclamation:

Inspection Fee - Per Hour	\$68.78	\$65.50
Inspection Fee - Per Hour- Overtime	\$103.64	\$98.70
Testing/Laboratory Fee	Actual Cost	Actual Cost
Industrial Pretreatment Program (IPP) Application	\$285.60	\$272.00
Industrial Pretreatment Program (IPP) Renewal Fee	\$110.25	\$105.00

BE IT FURTHER RESOLVED that the fee schedule for administrative fees, service charges and penalties will be 1.5 times the above amounts for outside-City users.

BE IT FURTHER RESOLVED that the Board is authorized to negotiate contracts with water and sewer system users based upon the above rates and any revision of the above rates shall be subject to Governing Body review, modification, and approval.

BE IT FURTHER RESOLVED that the foregoing fee schedule for administrative fees, service charges and penalties established by the Board of Public Utilities shall be submitted to the Governing Body for approval and filing as provided by Code of the City of Cheyenne.

ADOPTED this 26th day of April, 2021.

BOARD OF PUBLIC UTILITIES

Attest: By: _____
Mary Guthrie, President

By: _____
Matthew Pope , Secretary

<u>ID</u>	<u>YEAR</u>	<u>MAKE</u>	<u>Model</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>VIN #</u>	<u>PLATE</u>	<u>DRIVER</u>	<u>DEPT</u>
A01	2017	FORD	F250	PICK UP 4X4 EX CB FLT BD	WHT	1FT7X2B65HEF26551	CI-P-1084	J GREEN	O&M
A02	2017	FORD	F250	PICK UP 4X4 CRW/CB	WHT	1FT7W2B63HEF26549	CI-P-1116	V SPENCER	WTRT
A03	2017	FORD	F350	PICK UP 4X4 CRW/CB	WHT	1FT8W3BTXHEF26550	CI-P-1081	J FRANZ	ENG
A04	2019	FORD	F150	PICK UP 4X4 CRW/CB	WHT	1FTFW1E53KKC42520	CI-P-930	POOL	WTRT
A05	2019	FORD	F350	PICK UP 4X4 DLY CR/CB	WHT	1FD8W3HT3KED69101	CI-P-668	C RUSSEL	O&M
A06	2020	FORD	F150	PICK UP 4X4 CRW/CB	WHT	1FTFW1E58LKD40962	CI-P-932	J SAVAGE	O&M
A07	2020	FORD	EXPEDITION	8 PASSENGER SUV	WHT	1FMJK1GT9LEA22232	CI-P-674	POOL	ADM
A15	1994	CHEVROLET	2500	PICK UP 4x4	BLUE	1GCGK24KSRE171780	CI-P-773	D GRAHAM	O&M
A25	1996	DODGE	3500 Utility	PICK UP 4x4	WHITE	1B6MF36COTJ155072	CI-P-964	MECHANICS	O&M
A43	2001	CHEVROLET	BLAZER	SPORT UTILITY 4x4	BLACK	1GNDT13W81K263624	CI-P-746	DCALHOUN	ENG
A46	2003	GMC	1500	PICK UP 4x2	WHITE	1GTEC14X13Z136311	CI-P-931	H EBERLE	O&M
A49	2003	DODGE	DURANGO	SPORT UTILITY 4x4	BLUE	1D4HS48N43F583472	CI-P-658	TRADE POOL	WTRT
A50	2003	GMC	C2500	PICK UP 4x4	WHITE	1GTHK29U93E174770	CI-P-665	D COLE	ENG
A51	2004	FORD	F-350	PICK UP 4x4	WHITE	1FDSX31P74EA49900	CI-P-1092	COLLECTION	O&M
A52	2004	FORD	F-350	PICK UP 4x4	WHITE	1FDSX31P44EA49899	CI-P-915	J HAUGHTON	O&M
A54	2005	FORD	F-250	PICK UP 4x4	WHITE	1FDSX215X5EB79681	CI-P-683	PLOW/SAND	WTRT
A55	2005	GMC	CK2500	PICK UP 4x4 2500	WHITE	1GTHK29U05E156581	CI-P-1124	FSTINCHCOMB	ENG
A56	2005	FORD	F-150	PICK UP 4x4	TAN	1FTPW14545KC84740	CI-P-945	N KIE	WR
A57	2005	FORD	F-250	PICK UP 4x4	WHITE	1FTSX215X5ED18275	CI-P-671	SANDER	O&M
A58	2006	GMC	C2500	PICK UP 4x4	WHITE	1GTHK24216E164289	CI-P-1028	C WHITMAN	ENG
A60	2006	FORD	F-250	PICK UP 4x4	GRAY	1FTSX21596EC81432	CI-P-839	R BRAY	WR
A61	2006	FORD	F-250	PICK UP 4x4	BLUE	1FTSX21526EB23207	CI-P-921	J WOODS	ENG
A63	2006	GMC	CANYON 4DR	PICK UP 4X4	RED	1GTDT136968119478	CI-P-841	J PARKER	ADM
A64	2006	GMC	CANYON	PICK UP 4X4	GRAY	1GTDT196368207191	CI-P-661	R CONNOUR	O&M
A65	2006	GMC	CANYON	PICK UP 4X4	BLUE	1GTDT136568276490	CI-P-946	C BASSETT	WTRT
A66	2007	FORD	EXPLORER	EXPLORER	WHITE	1FMEU73E37UA37441	CI-P-1146	C CHAPMAN	ENG
A67	2007	FORD	F150	PICK UP 4x4	WHITE	1FTPX14V27KA70054	CI-P-673	M GAREY	O&M
A69	2007	FORD	F150	PICK UP 4x4	WHITE	1FTPX14V07KA70053	CI-P-736	MMICKLE	O&M
A72	2008	FORD	F-350	PICK UP 4X4 CREW UTILITY	WHITE	1FDWW31568ED04514	CI-P-919	DISTRIBUTION	O&M
A74	2008	CHEVROLET	TRAILBLAZER	TRAILBLAZER SUV	RED	1GNDT13S582242883	CI-P-664	ADMIN	ADM
A75	2009	FORD	F150	PICK UP 4x4	WHITE	1FTVX14V49KB16171	CI-P-741	T BADE	ENG
A76	2009	CHEVROLET	3500	CREW CAB 4x4	WHITE	1GBHK73629F150874	CI-P-942	J KRONBERGER	O&M
A77	2009	CHEVROLET	COLORADO	PICK UP 4X4 4DR	GREY	1GCDT13E998112431	CI-P-675	POOL	WR
A78	2009	CHEVROLET	TRAILBLAZER	TRAILBLAZER SUV	WHITE	1GNDT33S092130733	CI-P-700	POOL	ENG
A79	2009	CHEVROLET	1500	PICK UP 4x4	WHITE	1GCEK19C69Z119439	CI-P-687	S BATES	ADM
A80	2009	CHEVROLET	3500	PICK UP 4x4	WHITE	1GCHK736X9F105306	CI-P-692	L MICKLE	O&M
A81	2012	GMC	3500	PICK UP 4x4	WHITE	1GT422C82CF114902	CI-P-817	POOL	WTRT
A82	2012	GMC	2500	PICK UP 4X4	WHITE	1GT22ZCG1CZ127842	CI-P-1064	J MILINAR	ENG

<u>ID</u>	<u>YEAR</u>	<u>MAKE</u>	<u>Model</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>VIN #</u>	<u>PLATE</u>	<u>DRIVER</u>	<u>DEPT</u>
A83	2012	FORD	F150	PICK UP 4X4	GRAY	1FTFX1EF4CFB73384	CI-P-662	R VASSAL	O&M
A84	2013	TOYOTA	TACOMA	PICK UP 4DR 4X4	BROWN	5TFLU4EN6DX068443	CI-P-663	POOL	WR
A85	2013	FORD	F350	PICK UP 4DR 4X4	WHITE	1FT8W3BT8DEA64063	CI-P-968	V PONTILLO	ENG
A86	2013	TOYOTA	FJ CRUISER	SPORT UTILITY 4x4	BLUE	JTWBU4BF5DK170611	CI-P-816	POOL	WTRT
A87	2014	FORD	F150	PICK UP 4X4	WHITE	1FTFW1EF2EKD27362	CI-P-924	RGILMORE	ENG
A88	2014	GMC	3500	PICK UP 4X4 CREW UTILITY	WHITE	1GD422C81EF163667	CI-P-670	S RONEY	O&M
A89	2014	GMC	3500	PICK UP 4X4 CREW UTILITY	WHITE	1GD422C86EF164605	CI-P-672	LMEDINA	O&M
A90	2015	GMC	3500	PICK UP 4X4 CREW UTILITY	WHITE	1GD421C84FF529276	CI-P-3613	C EPLER	O&M
A91	2015	GMC	3500	PICK UP 4X4 CREW UTILITY	WHITE	1GD421C80FF529968	CI-P-776	B RAY	ENG
A92	2014	FORD	F150	PICK UP 4X4 EXT CAB	WHITE	1FTFX1EF6EKG34840	CI-P-910	R HAMBERG	O&M
A93	2016	GMC	3500	PICK UP 4X4 CREW UTILITY	WHITE	1GT42VC80GF112265	CI-P-3831	J ANDERSON	ENG
A94	2016	GMC	1500	PICK UP 4X4 CREW	WHITE	3GTU2LEC2GG156658	CI-P-1828	J LAND	ADM
A95	2016	GMC	1500	PICK UP 4X4 CREW	WHITE	3GTU2LEC5GG101735	CI-P-4372	B DORR	ENG
A96	2017	GMC	2500	PICK UP 4X4 CREW	WHITE	1GT12REG3HF107299	CI-P-814	WELL CREW	WTRT
A97	2017	FORD	F450	TRUCK STAKE BED	WHITE	1FD0X4HY7HEC32778	CI-P-679	M QUINLIVAN	O&M
A98	2017	FORD	F350	UTILITY TRK W CRANE	WHITE	1FD8W3HT5HEC57070	CI-P-1033	WR MAINT	WR
A99	2018	GMC	CANYON	PICKUP 4X4	WHITE	1GTH6BEA3J1148136	CI-P-1861	K SKWERES	ADM
B36	1997	GMC	3500	1TN FLAT BED	WHITE	1GDHC34R9VF039769	CI-P-852	POOL	WR
B37	1998	INTERNATIONAL		DUMP TRK	BLUE	1HTGGAHR1WH526167	CI-P-1069	POOL	WTRT
B38	2000	INTERNATIONAL		DUMP TRK	BLUE	1HTGGAHR9YH227996	CI-P-1078	POOL	WR
B39	2003	INTERNATIONAL	7600	DUMP TRK	BLUE	1HTWXATR83J069087	CI-P-934	POOL	WR
B40	2006	FREIGHTLINER	M2	DUMP TRK	PURPLE	1FVHC5CV56HV65034	CI-P-4275	POOL	WR
B41	2007	FREIGHTLINER	STERLING	DUMP TRK	BLUE	1FVHC5CVX7HY88075	CI-P-1147	POOL	O&M
B42	2010	KENWORTH	KWT470	DUMP TRK	BLUE	3BKBL59X8AF271944	CI-P-3124	POOL	O&M
B43	2014	FREIGHTLINER	114SD	DUMP TRK	BLUE	1FVHG3CY2EHFY5763	CI-P-967	POOL	O&M
B44	2016	PETERBILT	382	DUMP TRK	BLUE	2NP9LJ9X7GM305375	CI-P-1063	POOL	O&M
B45	2018	PETERBILT	348	DUMP TRK	BLUE	2NP3LJ9X5JM497683	CI-P-1095	POOL	O&M
C33	2005	INTERNATIONAL		SEWER JET	WHITE	1HTWHAZT05J143735	CI-P-1090	POOL	O&M
C34	2005	STERLING		STERLING W/CRANE	WHITE	2FZHAWDC26AW02518	CI-P-1076	POOL	O&M
C35	2007	INTERNATIONAL	7400	SEWER JET	WHITE	1HTWGAZT87J564804	CI-P-1154	POOL	O&M
C36	2013	INTERNATIONAL		SEWER JET	WHT/BLU	1HTWNAZT1DH353372	CI-P-1068	POOL	O&M
C37	2017	INTERNATIONAL	7500	SEWER JET	WHT	3HAWNSUT1HL639123	CI-P-4406	POOL	O&M
C38	2018	PETERBILT	PB348	HYDROEXCAVATOR	BLUE	2NP3LJ0XXJM485526	CI-P-1091	POOL	O&M
C39	2020	PETERBILT	PB367	SEMI TRACTOR	BLUE	1XPTDP9X7LD724760	CI-P-1494	POOL	WTRT
D41	1985	CAT		GRADER 120G	YELLOW	87V07292	NON-LIC	POOL	O&M
D55	2001	CAT	420D	BACKHOE	YELLOW	FDP02442	NON-LIC	POOL	WTRT
D57	2004	CAT	430D	BACKHOE	YELLOW	BNK044143	NON-LIC	POOL	O&M
D58	2003	CAT	924G	WHEEL LOADER	YELLOW	DDA00722	NON-LIC	POOL	O&M

<u>ID</u>	<u>YEAR</u>	<u>MAKE</u>	<u>Model</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>VIN #</u>	<u>PLATE</u>	<u>DRIVER</u>	<u>DEPT</u>
D60	2004	CAT	IT38G	WHEEL LOADER	YELLOW	CATIT38GTCSX00621	NON-LIC	POOL	WR
D61	2005	CAT	318C	EXCAVATOR 318	YELLOW	CAT0318CEGPA00395	NON-LIC	POOL	ENG
D62	2005	CAT	430	BACKHOE	YELLOW	CAT0430DVBNK07135	NON-LIC	POOL	O&M
D63	2008	KUBOTA	L3940D	TRACTOR W/MOWER	ORANGE	S/N 33607	NON-LIC	POOL	WR
D64	2008	CAT	430E	BACKHOE	YELLOW	CAT0430EERLN00232	NON-LIC	POOL	O&M
D65	2011	CAT	308D	EXCAVATOR 308D	YELLOW	FYC01750	NON-LIC	POOL	O&M
D66	2011	KUBOTA	M6040D	TRACTOR W/MOWER	ORANGE	S/N 85726	NON-LIC	POOL	WTRT
D67	2013	CAT	305.5E CR	EXCAVATOR 305.5	YELLOW	CAT3055ECFKY01552	NON-LIC	POOL	O&M
D68	2017	CAT	930M	WHEEL LOADER	YELLOW	KTG02305	NON-LIC	POOL	WR
D69	2018	CAT	430F2	BACKHOE	YELLOW	CAT0430FVHWE00800	NON-LIC	POOL	O&M
D70	2018	JOHN DEER	4044R	TRACTOR	GREEN	1LV4044RTJJ400823	NON-LIC	POOL	WR
D71	2018	BOBCAT	770	MASTICATOR	WHITE		NON-LIC	POOL	ENG
E38	1990	GMC		FUEL SERVICE TRK	BLUE	1GBL7D1G3LV101203	CI-P-682	MECHANICS	O&M
E48	2005	CHEVROLET		ASTRO VAN	TAN	1GNEL19X95B119011	CI-P-676	TRADE POOL	ADM
E50	2009	CHEVROLET	C4500	CAMERA VAN	WHITE	1GBE4V1939F404767	CI-P-823	POOL	O&M
E51	2012	DODGE	CARAVAN	FWD MINI VAN	GRAY	2C4RDGBG3CR303041	CI-P-767	POOL	ADM
F34	1986	JD/GORMAN RUPP		8" PUMP TRAILER	GREEN	848242		POOL	O&M
G17	2001	NA		HYD. OIL PRESSOR		1P9AE1013YM225429	NON-LIC		O&M
G19	1989	NA	RACINE	HYD. OIL PRESSOR	ORANGE	210-21	NON-LIC	POOL	O&M
G20	2008	PORTACO	50T	HYD. OIL PRESSOR	WHT	1P9AE1012FM225614		POOL	O&M
G21	2011	PORTACO	50T	HYD. OIL PRESSOR	WHT	1P9AE1012JM225816		POOL	O&M
G25	2003	GRIMMER SCHMIDT	185DR	CFM AIR COMPRESSOR	WHT/BLU	23669	NON-LIC	POOL	O&M
G26		SULLIVAN		AIR COMPRESSOR 185CFM	ORANGE		NON-LIC	POOL	O&M
G27	2007	HURCO	VLV N VAC	VALVE N VAC	YELLOW	1C9BV13147B987067	CI-X-227	POOL	O&M
G28	2017	EH WACHS	VLV N VAC	VALVE N VAC	BLACK	1E9PT1514HC297278		POOL	O&M
H25	1991	NA		SEWER RODDER		5544	NON-LIC		O&M
J31	2007	PISTEN BULLY	PB100 TRAIL	SNO-CAT SEDAN	RED	WKU4821MA7L011114	NON-LIC	POOL	ENG
J32	2008	PISTEN BULLY	PB100 TRAIL	SNO-CAT CARGO BOX	RED	WKU4826MA8L011227	NON-LIC	POOL	ENG
J34	1995	NA		ATV POLARIS BIG BOSS	GREEN	2538436	NON-LIC	POOL	ENG
J39	1998	YAMAHA		ATV YAHMAHA GRIZZLY		JY4AJ01W6WA019271	NON-LIC	POOL	WR
J40	2008	POLARIS	SPORTSMAN	6X6 ATV	GREEN	4XACL50A78D331955	NON-LIC	POOL	ENG
J42	2011	POLARIS	SPORTSMAN	6X6 ATV	GREEN	4XACF76A9BB078246	NON-LIC	POOL	ENG
J43	2012	SKI DO	TUNDRA XTRM	SNOWMOBILE 600	BLACK	2BPSGLCA1CV000164	NON-LIC	POOL	ENG
J44	2014	SKI DO	SUMMIT	SNOWMOBILE 600	BLACK	2BPSCCEC5EV000102	NON-LIC	POOL	ENG
J45	2015	SKI DO	SUMMIT	SNOWMOBILE 600	RD/BLK	2BPSCCA7FV000018	NON-LIC	POOL	ENG
J46	2017	CAN AM	OUTLANDER	6X6 ATV	CAMO	3JBRKAP22HJ000089	NON-LIC	POOL	ENG
J47	2020	CAN AM	DEF CAB	SIDE BY SIDE 4 WHEELER	SILV/BLK	3JBUFAX45LK000851		POOL	WTRT
K29	1996	CAT	RC60	FORKLIFT CAT	YELLOW	4BJO1003	NON-LIC	POOL	WTRT
K30	2001	DAEWOO		FORKLIFT G25P	YELLOW	D2-01833	NON-LIC	POOL	O&M

<u>ID</u>	<u>YEAR</u>	<u>MAKE</u>	<u>Model</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>VIN #</u>	<u>PLATE</u>	<u>DRIVER</u>	<u>DEPT</u>
M20	1995	AMIDA	0G25-1-37	25KW GENERATOR	WHITE	9504-29342		POOL	O&M
M27	1983	HOBART	WELDER	TRAILER (N38)	WHITE		NON-LIC	POOL	O&M
M31	1993	CORE CUT		CONCRETE WALK SAW	ORANGE	CC3535/6/30-001A71	NON-LIC	POOL	O&M
M37	1998	WACHS	VAC	WACHS TRAV-L-VAC	WHITE	TLY700D97486	CI-X-191	POOL	O&M
M38		BROWN BEAR		AERATOR HEAD	YELLOW		NON-LIC	POOL	WR
N25	2001	HMDE	FLT B	TRENCH BOX TRLR	BLACK	S41488W	CI-X-176	POOL	O&M
N27	1989	HAULER	BOAT	BOAT TRAILER	WHITE	19BEP1622KCB90169	CI-X-184	POOL	
N32	1981	MAXEY	FLT B	FLAT BED TRAILER	YELLOW	T81MMC1622	CI-X-199	POOL	
N33	1983	MAXEY	FLT B	TRENCH BOX TRLR	GREEN	MM9CB18G3D1FE1875	CI-X-141		
N35	1984	HOME MADE	FLT B	TRENCH BOX TRLR	GREEN		CI-X-166		
N37	1987	HMDE							
N38	1985	CARE	WELDER	HOBART WELDER (M27)	BLK	T2116	CI-X-167	POOL	O&M
N39	2021	TRAIL-EZE	TE801	SLIDING AXLE FLATBED	BLK	1DASFC725MP023089	CI-X-180	POOL	WTRT
N43	1991	WYOST	FLT B	FLAT BED TRAILER	GREEN	WSP63091	CI-X-179	POOL	WTRT
N44	1994	HOME MADE	FLT B	FOR CONCRETE SAW	BLK	S26248W	CI-X-177	POOL	O&M
N45	1994	PJB	UTILITY	UTILITY	WHITE	4P5HH1218R1118544	CI-X-183	POOL	WTRT
N49	1999	W-W	CARGO	CARGO	WHT	11WEC1228XW244201	CI-X-737	POOL	ENG
N50	2001	INTERSTATE	CARGO	SNOWSPORT	WHT	4RACS21211N011514	CI-X-738	POOL	ENG
N51	2001	INTERSTATE	CARGO	SNOWSPORT	WHT	4RACS21231N011515	CI-X-739	POOL	ENG
N52	2002	BIG TEX	DUMP	DUMP BOX TRLR	BLACK	16VDX102721E53024	CI-X-197	POOL	O&M
N53	2002	BIG TEX	DUMP	DUMP BOX TRLR	BLACK	1GVDX102021E53026	CI-X-198	POOL	O&M
N56	2004	BIG TEX	UTL	FLAT BED TRAILER	BLACK	16VLX081641A44355	CI-X-209		
N57	2004	BIG TEX	UTL	FLAT BED TRAILER	BLACK	16VLX081241A43588	CI--X-157		
N58	2005	PAULIBUILT	FLT B	FLAT BED TRAILER	BLUE	1W9PF12255C382004	CI-X-740		
N59	2005	HAULMARK	CARGO	ENCLOSED	WHT	16HGB18215U044830	CI-X-741		ENG
N60	2005	TEMCO	FLT B	TRENCH BOX TRLR	BLK	1T9P361295M737359	CI--X-189		
N61	2006	INTERSTATE	CARGO	DUTY TRAILER	WHITE	4RACS162X6C005314	CI-X-213	DUTY	O&M
N62	2006	PAULIBUILT	FLT B	COFFIN BOX TRAILER	BLUE	1W9BF16236C382047		POOL	O&M
N63	2006	PAULIBUILT	12'	FLAT BED TRAILER	BLUE	1W9BF12276C382079	CI-X-219	POOL	O&M
N64	2007	DOOLITTLE	7210-M	DUMP TRAILER	BLACK	1DGDP10247M074082	CI-X-859	POOL	WR
N65	2007	WANCO	WVTM	SIGN BOARD	ORANGE	5F12S121X71003733	NON-LIC	POOL	O&M
N66	2008	PAULIBUILT	FLT B	FLAT BED TRAILER 4x8	BLUE	1W9BU08138C382029		POOL	O&M
N67	2003	TOP HAT	FLT B	FLAT BED TRAILER 7X18	BLACK	4R7BU18266T075031	CI-X-611	POOL	WTRT
N68	2009	WANCO	WVTM	SIGN BOARD	ORANGE	5F12S121791002428		POOL	O&M
N69	2006	EZ LOADER	BOAT TRAILER	BOAT TRAILER	BLACK	1L8UACKF56A035183	CI-X-610	POOL	WTRT
N70	2009	TOP HAT	DUMP	DUMP TRAILER	GRAY	4R7BD10219T095607	CI-X-766	POOL	O&M
N71	2010	PJ TRAILERS	FD262	FLTBD TRAILER 32K GVW	BLACK	4P5FD262XA1139203	CI-X-767	POOL	O&M
N72	2011	PAULIBUILT	FLT B	GENERATOR FLATBED	BLUE	1W9BF12291C382012	CI-X-812	POOL	O&M

<u>ID</u>	<u>YEAR</u>	<u>MAKE</u>	<u>Model</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>VIN #</u>	<u>PLATE</u>	<u>DRIVER</u>	<u>DEPT</u>
N73	2012	H&H TRAILERS	GT 22	TILT FLAT BED	BLACK	533GT2225CC213879	CI-X-858	POOL	WTRT
N74	2011	CARRY ON	5X8G	FLTBD UTILITY TRAILER	BLACK	4YMUL0816BM017996	CI-X-857	POOL	O&M
N75	2013	PAULIBUILT	FLTB	FLTBD UTILITY TRAILER	BLACK	1W9BU08113C382033	CI-X-902	POOL	O&M
N76	2014	H&H TRAILERS	CARGO 101X22	22' ENCLOSED CARGO	WHITE	533TC2726EC230913	CI-X-917	POOL	ENG
N77	2015	HAULMARK	CARGO 101X25	25' ENCLOSED CARGO	WHITE	575GB2525FU282409	CI-X-967	POOL	ENG
N78	2015	RICE TRAILERS	TD7612	PRESSURE WASHER	BLACK	4RWR11224FH009097	CI-X-986	POOL	WR
N79	2016	PAULIBUILT	FLTB	FLTB TRAILER W/CRANE	BLACK	1W9BF1018GC382005	CI-X-1010	POOL	O&M
N80	2018	FELLING	FT 40 2T	TILT FLAT BED	BLACK	5FTCF3425J1004443	CI-X-182	POOL	O&M
N81	2019	PJ TRAILERS		GOOSENECK TILT FLTBD	BLACK	4P5TK2022K1309296	CI-X-146	POOL	ENG
N82	2019	PAULIBUILT	UTL	FLTB UTL TMPR HMR	BLACK	1W9BU0818KC382002	CI-X-190	POOL	O&M
N83	2019	PAULIBUILT	UTL	FLTB UTL TMPR HMR	BLACK	1W9BU0818KC382003	CI-X-736	POOL	O&M
N84	2019	WANCO	WTSP55	ARROW BOARD TRLR	ORANGE	5F11S1011K1006379		POOL	O&M
R05	2008	JOHN DEER	CX	GATOR UTILITY VEHICLE	GREEN	M00CXRA051431	NON-LIC	POOL	O&M
R06	2012	JOHN DEER	X729	JD TRACTOR WITH BRUSH	GREEN	1MOX729AJCM070549	NON-LIC	POOL	O&M
R07	2014	KUBOTA	Z121S	ZERO TURN MOWER	ORANGE	12014	NON-LIC	POOL	O&M
Y02	1981	LOWE	20'	PONTOON BOAT	WHT	LWN2628FM4D	WY-CBPU1	POOL	WTRT
Y03	2006	CRESTLINER	1600 ANGLER	ALUMINUM V-HULL BOAT	SILVER	CRC21656K506	WY-2047BC	POOL	WTRT
Y40	2010	TRACKER MARINE	1232	ALUMINUM ROW BOAT	SILVER	BUJ16109K910	WY-2157A	POOL	WR

	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
I. Water Revenue Sales:										
A Revenue from Sales	\$ 18,727,876	\$ 17,210,780	\$ 16,927,690	\$ 19,264,134	\$ 20,331,453	\$ 21,167,383	\$ 19,383,845	\$ 21,236,291	\$ 20,880,300	\$ 19,148,200
B Other Revenue	4,361,876	21,902,758	5,201,329	5,418,871	5,075,474	10,851,341	5,172,743	5,436,495	10,648,600	4,773,000
C Total Water Revenue	\$ 23,089,752	\$ 39,113,538	\$ 22,129,019	\$ 24,683,005	\$ 25,406,927	\$ 31,818,724	\$ 24,556,588	\$ 26,672,786	\$ 31,528,900	\$ 23,921,200
II. Expenditures:										
A Operation & Maintenance	10,017,859	10,765,901	10,423,254	10,846,507	11,271,254	12,181,123	13,349,935	12,689,105	14,925,725	15,024,080
B Construction Projects	4,207,843	26,384,246	7,699,500	7,662,474	7,031,411	13,253,130	4,157,618	4,635,159	28,229,699	5,097,500
C Capital / Equipment	587,299	661,236	566,316	686,657	531,609	1,209,435	697,091	557,887	536,400	699,000
D Debt Service	4,770,081	3,282,772	3,503,069	5,125,173	7,156,280	4,361,992	3,977,847	7,225,956	2,797,400	2,799,000
E Total Expenditures	19,583,082	41,094,155	22,192,139	24,320,811	25,990,554	31,005,680	22,182,491	25,108,107	46,489,224	23,619,580
III. Revenue Less Expenditures	\$ 3,506,670	\$ (1,980,617)	\$ (63,120)	\$ 362,194	\$ (583,627)	\$ 813,044	\$ 2,374,097	\$ 1,564,679	\$ (14,960,324)	\$ 301,620
IV. Status of Cash Reserves:	30-Jun-13	30-Jun-14	30-Jun-15	30-Jun-16	30-Jun-17	30-Jun-18	30-Jun-19	30-Jun-20	28-Feb-21	28-Feb-21
A Oper & Maint	11,262,892	12,562,031	\$ 13,833,418	\$ 13,352,329	\$ 13,345,621	\$ 13,755,511	\$ 15,582,195	\$ 16,750,399	\$ 21,229,507	\$ 16,342,108
B Debt Service	1,888,511	1,935,784	1,967,488	3,025,596	2,825,712	2,002,651	1,737,353	1,331,277	1,336,431	
C Restricted Bond Reserve	989,594	603,000	603,001	0	0	0				
D Treatment Plant Project										
E Distribution Mains										
F SDFs / Pump Station Fees	8,335,592	8,083,332	7,440,686	8,065,227	7,657,569	9,901,884	11,979,699	8,694,785	8398399.61	
G Capital Adds/Rep	425,566	501,427	502,697	504,332	507,288	513,113	522,527	515,018	528,587	
H Specific Purpose Tax										
I Emergency / Miscellaneous	175,641	93,783	135,494	128,632	141,647	118,425	153,393	217,773	150,258	
J Total	\$ 23,077,796	\$ 23,779,357	\$ 24,482,783	\$ 25,076,116	\$ 24,477,837	\$ 26,291,584	\$ 29,975,167	\$ 27,509,253	\$ 31,643,182	\$ 16,342,108
K +/- A/R Intst & Due from Govt's	507,964	2,391,915	798,186	1,405,352	1,614,242	275,447	39,609	40,720	39,729	
L Less: Current Liabilities			(3,393,091)	(3,766,807)	(4,079,321)	(3,124,189)	(2,340,273)	(2,817,571)	(916,974)	
M Revenues	14,130,046	4,586,552	12,491,144	10,483,083	8,784,804	4,052,683	5,556,342	4,243,100	18,350,667	23,921,200
N Expenditures	(39,882,018)	(25,097,513)	(29,949,263)	(26,886,629)	(25,096,364)	(16,874,272)	(20,215,476)	(12,633,394)	(31,946,042)	(23,619,580)
O Loan Proceeds	11,942,972	5,578,649	9,030,692	8,516,356	7,384,205	4,031,314	2,623,546	-	(725,799)	
P Estimated Cash Available-EOY	\$ 9,776,760	\$ 11,238,960	\$ 13,460,451	\$ 14,827,471	\$ 13,085,403	\$ 14,652,567	\$ 15,638,915	\$ 16,342,108	\$ 16,444,763	\$ 16,643,728
	30-Jun-13	30-Jun-13	30-Jun-15	30-Jun-16	30-Jun-17	30-Jun-18	30-Jun-19	30-Jun-20	28-Feb-21	28-Feb-21
V. Schedule of Water Rates:	1-Jan-13	1-Jan-14	1-Jan-15	1-Jan-16	1-Jan-17	1-Jan-18	1-Jan-19	1-Jan-20	1-Jan-21	1-Jan-22
A % of Rate Increase	4.00%	3.40%	3.50%	3.00%	2.00%	3.00%	3.00%	3.00%	0.00%	5.00%
B Res Rate Per 1000 Gallons	\$ 3.60	\$ 3.72	\$ 3.85	\$ 3.97	\$ 4.05	\$ 4.17	\$ 4.29	\$ 4.42	\$ 4.29	\$ 4.50
C Service Fee 3/4" Meter	4.99	5.16	5.34	5.50	5.61	5.77	5.94	6.12	5.94	6.12
D Res Cost of 10,000 Gallons	44.43	45.92	47.41	48.96	49.94	51.44	52.98	54.57	52.98	54.57
E Lrg Vol Ind Rate Per 1000 gal	\$ 3.94	\$ 4.08	\$ 4.22	\$ 4.36	\$ 4.45	\$ 4.58	\$ 4.71	\$ 4.85	\$ 4.71	\$ 4.85
VI. Operation & Maintenance:										
A Total Oper & Maint Expenses	\$ 10,017,859	\$ 10,765,901	\$ 10,423,254	\$ 10,846,507	\$ 11,271,254	\$ 12,181,123	\$ 13,349,935	\$ 12,689,105	\$ 14,925,725	\$ 15,024,080

	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
VII. Construction Projects:										
A Wtr Development-Spec Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 636,600	\$ 3,000,000
B Direct Potable Reuse										
C Vol 10- I.T. Projects			5,502	206,289	22,109	205,540	227,073	189,397	463,080	
D Hog Park/Rob Roy Slide Gates							64,093	159,422		
E Standard Creek Repair			26,276	137,250						
F Hog Park Telemetry			34,391	227,354						
G Water Recycle Pipeline			37,939							
H Rob Roy Gate Repair			50,830							
I Laramie River Pipeline				34,500	2,973	989,252				
J Water Reuse Pipelines		1,708		856,247	67,169					
K Sloan Lake Pipeline Rehab						49,125	2,000			
L Wellfield Upgrades	269,602	500,944	194,310	37,537	546,168	108,974		172,686	345,710	160,000
M Dist Main/Pump Stations	1,713,238	3,180,622	4,352,167	4,654,110	2,911,632	2,816,348	2,429,741	3,526,798	8,839,515	712,500
N Southern Transmission Main Ph II	698,576	21,292,123	2,581,500	\$ 30,079						
O Southern Transmission Main Ph III			106,424	318,593	2,619,275	8,728,293	29,917			
P Hypochlorite Generation			1,597							200,000
Q RLS Powder Activated Carbon			50,331	137,306	686,293	109,687				
R Round Top Valve House		16,000	65,325	331,510	740					
S Sherard Hydro-Electric Generator	13,866	39,623	31,361	69,789	5,072	154,016	647,672	(169,911)	4,108,512	
T Sherard Storage Shed				193,377	126,782					
U O&M Building Remodel			161,547	328,939						
V Safety Pole Barn				28,322	9,891					
W Concrete Storage Bunkers				71,272						
X Little Snake Stage II Collection/Main	167,707	882,764								
Y HVAC Fan Replacement										
Z WAFB 30" wtr main rehab Rdtp to Hynds Blvd										
AA Pressure Management Study PH I	1,344,854									
BB Pond # 3 Pump Facility Project										
CC Chlorine Scrubber Project										
DD Hypochlorite Generation		470,462								
EE Admin/Constuction Building					14,879					
FF Filter Media Repair					18,428	91,895	94,777	175,277	95,723	
GG Floc Basin Repair							662,345	555,537	622,462	650,000
HH North Zone Pressure Management									12,000,000	
II Admin Building Furniture/Fixtures										
JJ SCADA Rehabs								4,903	1,118,097	225,000
Rob Roy - Fiber Optic										150,000
KK North City Improvement Project								21,050	0	
LL Total Const/Capital Projects	4,207,843	26,384,246	7,699,500	7,662,474	7,031,411	13,253,130	4,157,618	4,635,159	28,229,699	5,097,500

	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
VIII. Capital / Equipment:										
A Source of Supply/Pump Stat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
B Water Treatment Plants	211,873	71,568	26,867	55,914	83,932	188,678	213,480	22,664	35,000	120,000
D Trans & Distribution	319,212	278,869	430,120	453,004	386,221	734,703	421,732	477,033	355,000	335,000
C Tools, Shop Garage Equipment	4,911	-	9,840	-	9,921	3,224	13,605	-	-	7,000
E Equipment-Vehicles	51,303	228,248	55,270	133,926	36,789	250,160	40,773	58,190	35,000	97,500
F Equipment & Buildings	-	82,551	44,219	43,813	14,746	32,670	7,500	-	111,400	139,500
G Total Capital / Equipment	\$ 587,299	\$ 661,236	\$ 566,316	\$ 686,657	\$ 531,609	\$ 1,209,435	\$ 697,090	\$ 557,887	\$ 536,400	\$ 699,000
IX. Debt/Loan Service:										
A DWSRF #034 Wtr Main Rehab	47,272	47,211	47,198	47,185	47,172	47,158	47,143	47,128	47,800	47,800
B DWSRF #056 Loan-Western Hills	61,763	61,529	61,520	61,511	61,502	61,493	61,483	61,473	62,000	62,100
C 1993 WWDC Loan Stage I Pipeline	303,667	303,561	303,449	303,333	2,817,348	300,653	300,424	1,058,564	-	-
D DWSRF #002 Loan RLS Wtp	255,442	255,135	255,061	254,986	254,908	254,829	254,748	971,276	-	-
E DWSRF #023 RLS Re - RLS Wtp	634,927	634,163	633,980	633,794	633,601	633,405	633,203	2,414,207	-	-
F DWSRF #065 Southern Main	\$ 329,728	\$ 329,927	\$ 329,812	\$ 326,541	\$ 329,573	\$ 329,450	\$ 329,323	329,194	335,700	335,700
G CWSRF # 084 Loan - Admin Bld Eng.	18,015	18,017	18,018	18,017	18,016	18,016	18,015	18,014	18,100	18,100
H CWSRF #081 Loan - Reuse Phase II	80,678	80,731	80,704	80,676	80,647	80,618	80,587	80,557	82,200	82,200
I DWSRF #079 Loan - Roundtop to I-25	317,487	324,818	324,711	324,602	324,489	324,373	324,255	324,134	329,150	329,150
J DWSRF #106 Loan - Const Bld Eng.	123,186	119,141	119,137	119,134	119,129	119,125	119,121	119,116	119,350	119,350
K CWSRF #115 Loan - Const Bld Eng.	115,437	119,141	119,137	119,134	119,129	119,125	119,121	119,116	119,350	119,350
L DWSRF #120 Southern Water Main Ph I	(24,745)	(262,286)	450,585	480,145	480,129	480,113	480,097	480,080	480,850	480,850
M CWSRF #143 Holiday Park Reuse	-	-	(12,261)	(20,065)	-	-	37,500	37,500	37,500	37,500
N DWSRF # 177 Southern Water Main Ph III	-	-	62	62	(99,936)	(141,198)	31,319	185,839	186,900	186,900
O 2007 Revenue Refunding Bonds	980,115	750,996	599,489	592,115	-	-	-	-	-	-
P 2014 Revenue Refunding Note	-	166,101	422,468	402,641	989,386	984,895	980,043	979,758	978,500	980,000
Q DWSRF #074 Loan - Admin Bld Eng.	15,567	199,002	15,569	15,568	10,756	-	-	-	-	-
R DWSRF #133 HydroElectric RLS	-	-	(4,453)	(1,816)	-	-	-	-	-	-
S DWSRF #150 2015 Water Rehabs	-	-	(248,009)	1,397,675	-	-	-	-	-	-
T DWSRF #151 Powder Activated Carbon	-	-	(13,046)	(31,868)	13,827	749,937	-	-	-	-
U DWSRF #169 Buffalo Ridge Tank	-	-	-	1,803	956,604	-	-	-	-	-
V 1985 WWDC Loan-Gran/Crys	1,471,433	-	-	-	-	-	-	-	-	-
W 1989 FLB Loan-Embankments	-	-	-	-	-	-	-	-	-	-
X 1992 WWDC Loan North Crow	-	-	-	-	-	-	-	-	-	-
Y 1994 WWDC Loan Wellfield Rehab	-	-	-	-	-	-	-	-	-	-
Z 1998 Bond Refund Deferred loss	(14,339)	(7,426)	-	-	-	-	-	-	-	-
AA 1994 WWDC Loan King II Tank	54,448	143,011	-	-	-	-	-	-	-	-
BB 1999 WWDC Loan RLS Wtp - PMTF	-	-	-	-	-	-	-	-	-	-
CC 2001 WWDC Loan RLS Pipeline	-	-	-	-	-	-	-	-	-	-
DD 2005 SDWRF Loan -West/Rtp Main	-	-	-	-	-	-	-	-	-	-
EE 2017 DWSRF Loan - Buffalo Ridge Booster St	-	-	-	-	-	-	-	-	-	-
FF Total Debt Service	4,770,081	3,282,772	3,503,069	5,125,173	7,156,280	4,361,992	3,816,382	7,225,956	2,797,400	2,799,000

Debt Service / Loan Amortization Schedules:	Last Payment	Annual P & I	Original Debt	1st Payment
WDC-Pipe Rehab	1-Dec-36	306,348	6,063,470	1-Dec-97
RLS Wtp DWSRF #02 Loan	1-Dec-22	258,075	3,865,673	1-Dec-04
RLS Wtp DWSRF #023 - Refinance	1-Dec-22	641,471	10,000,000	1-Dec-03
Wtr Main Rehab DWSRF #034	1-Dec-24	47,729	744,729	1-Dec-05
05 Westhill/Rtp Main	1-Mar-28	61,886	964,743	1-Mar-09
2007 DWSRF # 065 Southern Pipeline Phase I	1-Dec-28	329,905	5,232,773	1-Sep-09
2007 CWSRF #081 Loan - Reuse Phase II	1-Dec-29	81,843	1,280,000	1-Sep-10
2008 DWSRF # 079 Loan - Roundtop to I-25	1-Dec-31	329,107	5,130,508	1-Sep-12
2007 CWSRF #84 Admin Bldg - Eng	1-Dec-31	18,041	281,250	1-Jun-12
2009 DWSRF #106 Admin Bldg Const.	1-Dec-31	119,296	1,859,734	1-Jun-12
2010 CWSRF #115 Admin Bldg Const	1-Dec-31	119,296	1,859,734	1-Jun-12
2012 DWSRF #120 Southern Water Main Phase II	1-Dec-34	480,400	7,494,827	1-Jun-19
2016 DWSRF 133 Sherard Hydro-electric	1-Dec-38	112,500	2,250,000	1-Sep-20
2013 Water Rev Advance Refunding Bond	1-Dec-25	990,992	8,740,000	1-Dec-14
2015 DWSRF 143 Holiday Park Reuse	1-Dec-36	37,500	875,000	1-Sep-17
2016 DWSRF #177 Southern Water Main Phase III	1-Dec-38	171,437	3,882,897	1-Sep-19

	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
I. Sewer Revenue Sales:										
A Charges for Service	\$ 8,913,119	\$ 9,737,164	\$ 10,203,095	\$ 11,013,458	\$ 11,793,474	\$ 12,261,814	\$ 13,008,656	\$ 13,307,490	\$ 13,465,700	\$ 12,842,500
B Other Revenue	1,744,720	2,765,086	3,012,219	3,771,306	3,532,406	2,510,590	2,144,514	1,860,160	1,196,000	1,479,500
C Total Sewer Revenue	\$ 10,657,839	\$ 12,502,250	\$ 13,215,314	\$ 14,784,764	\$ 15,325,880	\$ 14,772,404	\$ 15,153,170	\$ 15,167,650	\$ 14,661,700	\$ 14,322,000
II. Expenditures:										
A Operation & Maintenance	5,725,014	5,898,194	5,913,641	6,250,763	6,278,969	6,393,808	7,423,384	6,654,307	8,762,098	8,096,300
B Construction Projects	893,186	2,378,895	6,833,834	2,925,018	941,433	12,211,703	3,496,781	3,060,419	10,410,094	2,029,000
C Capital / Equipment	444,048	128,810	97,305	617,122	314,513	95,352	319,145	203,057	1,099,251	259,000
D Debt Service	2,941,901	2,994,492	2,982,304	3,218,226	5,119,877	2,884,540	3,171,276	3,600,863	3,638,800	3,639,500
E Total Expenditures	10,004,149	11,400,391	15,827,084	13,011,129	12,654,792	21,585,403	14,410,586	13,518,646	23,910,243	14,023,800
III. Revenue Less Expenditures	\$ 653,690	\$ 1,101,859	\$ (2,611,770)	\$ 1,773,635	\$ 2,671,088	\$ (6,812,999)	\$ 742,584	\$ 1,649,004	\$ (9,248,543)	\$ 298,200
IV. Status of Cash Reserves:	30-Jun-13	30-Jun-14	30-Jun-15	30-Jun-16	31-Jan-17	30-Jun-18	30-Jun-19	30-Jun-20	28-Feb-21	28-Feb-21
A Oper & Maint	\$ 2,336,614	\$ 2,878,395	\$ 2,612,153	\$ 2,368,625	\$ 3,821,018	\$ 5,876,501	\$ 10,667,205	\$ 9,340,336	\$ 9,971,563	\$ 4,685,639
B Debt Service	488,555	488,555	691,969	675,517	536,779	534,819	360,038	1,544,131	1,550,102	
C Restricted Bond Reserves										
D Treatment Plant Project										
E Collection Mains										
F System Development Fees	4,666,127	5,228,002	5,907,123	6,918,909	6,555,710	7,264,735	4,867,389	5,219,141	5,091,668	
G Special Purpose Tax										
H Capital Adds/Rep	185,312	185,691	186,165	186,771	187,865	190,022	193,509	510,713	510,687	
I Emergency Miscellaneous	36,713	36,805	36,898	36,971	37,083	37,231				
J Total	\$ 7,713,321	\$ 8,817,448	\$ 9,434,308	\$ 10,186,793	\$ 11,138,455	\$ 13,903,308	\$ 16,088,141	\$ 16,614,321	\$ 17,124,021	\$ 4,685,639
K +/- A/R Intst & Due from Govt's	218,719	641,578	996,536	40,810	15,239	1,586,164	58,405	11,561	4,953	
L Less: Current Liabilities						(628,142)	(4,167,387)	(1,796,009)	(1,506,533)	(347,982)
M Revenues	144,722	91,318	928,634	55,786	40,000	-	1,238,656		4,752,158	
N Expenditures	(8,747,484)	(10,539,633)	(18,492,064)	(15,995,117)	(15,339,568)	(7,906,155)	(9,260,435)	(8,484,529)	(14,514,098)	
O Loan Proceeds	4,770,863	4,836,023	11,800,000	10,790,377	10,649,217	1,620,964	-	-	(2,333,413)	
P Estimated Cash Available-EOY	\$ 4,100,141	\$ 3,846,734	\$ 4,667,414	\$ 5,078,649	\$ 5,875,201	\$ 5,036,894	\$ 6,328,758	\$ 6,634,819	\$ 4,685,639	\$ 4,685,639
V. Schedule of Sewer Rates:	1-Jan-13	1-Jan-14	1-Jan-15	1-Jan-16	1-Jan-17	1-Jan-18	1-Jan-19	1-Jan-20	1-Jan-21	1-Jan-22
A % of Rate Increase	7.45%	4.52%	7.59%	4.76%	3.75%	3.22%	5.00%	5.00%	0.00%	5.00%
B Res Rate Per 1000 Gallons	3.74	3.91	4.21	4.43	4.61	4.76	4.90	5.15	5.15	5.41
C Service Fee 3/4" Meter	4.09	4.27	4.48	4.61	4.7	4.84	4.98	5.23	5.23	5.49
D Res Cost of 6,000 Gallons	26.53	27.73	29.74	31.19	32.36	33.40	34.38	36.13	36.13	37.94
VI. Operation & Maintenance:										
A Total Oper & Maint Expenses	\$ 5,725,014	\$ 5,898,194	\$ 5,913,641	\$ 6,250,763	\$ 6,278,969	\$ 6,393,808	\$ 7,423,384	\$ 6,654,307	\$ 8,762,098	\$ 8,096,300

	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
VII. Construction Projects:										
A Collection Main Upgrades/Exp	\$ 664,049	\$ 839,430	\$ 1,427,529	\$ 1,488,188	\$ 946,576	\$ 1,408,121	\$ 2,178,724	\$ 2,593,991	\$ 3,772,327	\$ 1,790,000
B DCWRF Influent Meters			29,505	134,618	-					
C Water Reclamation Plant Projects	229,137	1,534,840	3,991,137	4,596		85,479	8,500	227,697	2,872,303	200,000
D Special Projects									400,000	
E 2013 Master Plan Vol #10				33,773	6,163	56,655	75,691	62,748	275,811	
F Southern Swr Interceptor Main Ph I			21,075	643,273	(19,563)	10,661,448	1,233,866			
G North Crow Interceptor		4,625	1,310,739	477,725	-					
H O & M Building Upgrade			53,849	109,646						
I Safety Pole Barn				9,441	-					
J Concrete Storage Bunker				23,758	3,297					
K Admin Building					4,960					
L Crow Crk WRF Anoxic Basins										
M Fiber Optic Line Project								174,340	278,597	
N SCADA Rehabs								1,642	63,357	39,000
O Allison Draw									2,747,700	
P Total Const/Capital Projects	\$ 893,186	\$ 2,378,895	\$ 6,833,834	\$ 2,925,018	\$ 941,433	\$ 12,211,703	\$ 3,496,781	\$ 3,060,419	\$ 10,410,095	\$ 2,029,000
	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020	Adjusted FY 2021	Proposed FY 2022
VIII. Capital / Equipment:										
A Water Reclamation Plants	\$ 102,328	\$ 25,210	\$ 60,862	\$ 188,342	\$ 277,917	\$ -	\$ 193,290	\$ 134,067	\$ 1,017,051	\$ 80,000
B Sewer Collection	322,982	-	-	369,533	16,111	-	-	-	-	20,000
C Machinery & Equipment	1,637	-	3,280	-	3,307	1,075	92,496	49,594	53,000	112,500
D Transportation Equipment	17,101	76,083	18,423	44,642	12,263	83,387		19,397	-	5,250
E Equipment & Buildings	-	27,517	14,740	14,605	4,915	10,890	33,359		29,200	41,250
F Total Capital / Equipment	\$ 444,048	\$ 128,810	\$ 97,305	\$ 617,122	\$ 314,513	\$ 95,352	\$ 319,145	\$ 203,057	\$ 1,099,251	\$ 259,000
IX. Debt/Loan Service:										
A 1996 CWSRF #007 Crow/Rollins	\$ 145,293	\$ 145,293	\$ 145,227	\$ 145,159	\$ 423,474	\$ -	\$ -	\$ -	\$ -	\$ -
B 2002 CWSRF #032 - Engineering	204,968	204,960	204,953	204,945	1,800,226					
C 2003 CWSRF #046 - Construction	2,334,715	2,334,629	2,334,541	2,334,450	2,334,357	2,334,262	2,338,162	2,334,065	2,338,250	2,338,300
D 2005 CWSRF #60 WAFB/Parsley	172,360	172,463	172,404	172,343	172,279	172,215	172,149	172,081	175,500	175,000
E 2007 DWSRD #74 Admin Bldg.-Design	5,189	66,334	5,190	5,189	3,585	-	-	-	-	-
F 2007 CWSRF #84 Admin Bldg.-Design	6,005	6,006	6,006	6,006	6,005	6,005	6,004	6,005	6,100	6,100
G 2008 DWSRF #106 Admin Bldg. - Const.	39,771	39,714	39,712	39,712	39,709	39,708	39,707	39,705	40,475	40,000
H 2008 CWSRF#115 Admin Bldg. - Const.	39,771	39,714	39,712	39,712	39,709	39,708	39,707	39,705	40,475	40,000
I 2013 CWSRF #133 Crow Creek Wtr Rec	(6,171)	(14,621)	34,559	268,391	317,810	317,737	317,662	317,585	315,650	321,000
J 2014 CWSRF #144 Southern Coll. Main PH 1 -E	-	-	-	2,319	(17,277)	(73,359)	(222,282)	82,501	83,900	84,000
K 2015 CWSRF #159 Southern Coll. Main PH 1 -Construction						48,264	225,705	609,216	638,450	635,100
L Total Debt Service	\$ 2,941,901	\$ 2,994,492	\$ 2,982,304	\$ 3,218,226	\$ 5,119,877	\$ 2,884,540	\$ 2,916,814	\$ 3,600,863	\$ 3,638,800	\$ 3,639,500

Debt Service Loan Amortization Schedules

	Last Payment	Annual P & I	Original Debt	1st Payment
2003 CWSRF # 046 Dry/Crow Creek - Const.	1-Jun-26	2,338,163	36,450,000	1-Jun-07
2005 CWSRF # 060 WAFB/Parsley Blvd.	1-Sep-29	174,897	2,735,348	1-Sep-09
2007 CWSRF # 084 Admin Bldg. Design	1-Dec-32	6,014	93,750	1-Jun-13
2008 DWSRF # 106 Admin Building	1-Dec-32	39,765	619,912	1-Jun-13
2010 CWSRF # 115 Admin Building	1-Dec-32	39,765	619,912	1-Jun-13
2013 CWSRF # 133 Crow Creek Project	1-Mar-35	320,735	5,000,000	1-Mar-16
2014 CWSRF #144 South Crow Inceptor Eng.	1-Mar-38	83,391	1,300,000	1-Dec-19
2015 CWSRF #159 South Crow Inceptor Const.	1-Mar-39	635,056	9,900,000	1-Dec-20

BUDGET EXPLANATIONS



**CITY OF CHEYENNE
BOARD OF PUBLIC UTILITIES
CHEYENNE'S WATER & SEWER DEPARTMENTS**

April 26, 2021
Fiscal Year 2022 Budget
July 1, 2021 - June 30, 2022

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
00	UNDEFINED			
4110	RESIDENTIAL			
100	4110 -			-11,000,000.00
Revenue based on 1,911,218,300 gallons for FY 2022. FY 2020's consumption was 1,880,928,000 gallons. The Board anticipates a \$720,000 annual increase from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.				
4120	COMMERCIAL			
100	4120 -			-3,850,000.00
Revenue based on 702,825,500 gallons for FY 2022. FY 2020's consumption was 659,970,000 gallons. The Board anticipates a \$250,000 annual increase from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.				
4130	INDUSTRIAL			
100	4130 -			-800,000.00
Revenue based on 158,130,500 gallons for FY 2022. FY 2020's consumption was 600,921,000 gallons. The Board anticipates a \$2,745,000 annual decrease from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. The operational change at Holly Frontier contribute to the significant loss in revenue.				
4140	PUBLIC CONSTRUCTION			
100	4140 -			-150,000.00
Construction revenue is based on a five year weighted average. The Board anticipates a \$3,900 increase from FY 2021's set budget with a 5.0% rates increase				

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER		effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.			
4150	WARREN AIR FORCE BASE				
100	4150 -				-835,000.00
		Revenue based on 156,782,500 gallons for FY 2022. FY 2020's consumption was 148,843,000 gallons. The Board anticipates a \$70,000 annual decrease from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual reduction.			
4160	SOUTH CHEYENNE WATER & SEWER				
100	4160 -				-1,750,000.00
		Revenue based on 339,072,000 gallons for FY 2022. FY 2020's consumption was 339,309,000 gallons. The Board anticipates a \$75,000 annual increase from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.			
4170	OUTSIDE CITY SERVICES				
100	4170 -				-495,000.00
		Revenue based on 75,256,500 gallons for FY 2022. FY 2020's consumption was 62,629,000 gallons. The Board anticipates a \$5,000 annual decrease from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual reduction.			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
4171 OUTSIDE CITY OIL EXPLORATION				
100 4171 -				-1,200.00
Outside city oil exploration is anticipated to be negligible in FY 2022.				
4180 RAW WATER				
100 4180 -				-187,000.00
Revenue based on 65,897,800 gallons for FY 2022. FY 2020's consumption was 65,078,000 gallons. The Board anticipates a \$27,0000 annual increase from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.				
4190 RECYCLED WATER				
100 4190 -				-80,000.00
Revenue based on 20,645,200 gallons for FY 2022. FY 2020's consumption was 16,912,000 gallons. The Board anticipates a \$13,000 annual increase from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.				
4210 PENALTIES				
100 4210 -				-65,000.00
Penalties mostly consists of late fee charges. Penalties are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$5,000 increase in revenues from FY 2021's set budget.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:		VENDOR		QUANTITY		UNIT COST		2022 Admin Mngr	
WATER									
4220	TAP FEES								
100	4220 -								
									-105,000.00
Tap fees are the costs associated with meter and curb stop installations at new locations. Tap fees are based on five year averages and actual revenues from previous years. Based on projections the Board does not anticipate any change in revenues from FY 2021's set budget.									
4230	MISCELLANEOUS								
100	4230 -								
									-90,000.00
Miscellaneous fees are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates an increase of \$20,000 from FY 2021's set budget.									
4231	MATERIAL & LABOR								
100	4231 -								
									-5,000.00
Material and labor revenues are for charges for repair work on curb stops, meter pits, and other miscellaneous labor and material charges to third parties. Material and labor revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$500 decrease in revenues from FY 2021's set budget.									
4232	SALVAGE								
100	4232 -								
									-15,000.00
Salvage revenues are comprised from recycling meter castings and other scrap metal. Other salvage revenue is from assets declared as salvage and auctioned off. Salvage revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$3,000 decrease in revenues from FY 2021's set budget.									

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR

QUANTITY

UNIT COST

2022 Admin Mngr

4233 EQUIPMENT & LAND RENTAL

100 4233 -

-48,000.00

Equipment and land rental revenues are for the rent of specialized equipment to third parties, such as Warren Air Force, to perform repair work. Equipment and land rental revenues mostly consist of rent paid by Union Wireless to lease tower space at the Buffalo Ridge Tank location. Equipment and land rental revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$42,500 increase in revenues from FY 2021's set budget. The large increase is due to the Union Wireless lease which as previously accounted for in fund 100.4230.

4234 ENGINEERING/INSPECTION

100 4234 -

-30,000.00

Engineering and inspection revenues are mainly from inspection of new installed mains done by developers. Engineering and inspection revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$21,000 decrease in revenues from FY 2021's set budget.

4237 BELVOIR WIND REVENUES

100 4237 -

-260,000.00

In FY 2019 wind turbines were built on the Belvoir Ranch. The City ordinance 6023 split revenues received from the venture three ways, 1/3 to the City's general fund, 1/3 to the sanitation enterprise fund, and 1/3 to the Board. Due to budget shortfalls in FY 2021 the City issued ordinance 6061, using the 100% of the revenue to supplement the general fund. Revenues are projected to be \$835,350 in total for FY 2021. The Board shall receive 1/3 of these revenues at \$260,000 beginning in FY22.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
WATER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
TOTAL UNDEFINED						-19,766,200.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
11	WELLS				
5120	FULL TIME STAFF				
111	5120 -				181,000.00
well Field Lead Operator and two Operations and Maintenance Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.					
5140	OVERTIME				
111	5140 -				1,000.00
Compensation for overtime in the well field.					
5311	ELECTRIC- PUMPING				
111	5311 -				249,900.00
Electricity to operate wells. Price includes a 5% anticipated increase in electrical rates.					
5320	TELEPHONE SERVICE				
111	5320 -				1,620.00
Mobile device service for the well crew. Includes three iPads with data for field use to access work orders, maps, asset management and e-mail. 3 i-Pads x \$45/month x 12 months = \$1,620					
5340	REGISTRATION, FEES, DUES				
111	5340 -				3,500.00
well field training to maintain certifications. well crew maintain at least a Level III Water Treatment Certification and a Level II Distribution Certification. Each certification requires 24 hours of continuing education every 3 years. Anticipated training events are shown below.					

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

Training	Staff	Registration	Total
WWQ&PCA	2	350	700
Pesticide, Asbestos	2	400	800
AER	2	1,000	2,000
Total = \$3,500			

WWQ&PCA - Wyoming Water Quality & Pollution Control Association
AER - Advanced education reimbursement for staff pursuing degrees.

5341 TRAVEL, LODGING, MEALS

111 5341 - 1,510.00

Travel, room and board for operator training.
Anticipated training events and costs shown below using GSA rates for location. See account 111-5340 for additional information.
Per person/day costs

Training	Location	Staff	Days	Travel	Room	Food
Total						
WWQ&PCA	Casper, WY	2	5	\$0	\$96	\$55
\$1,510						
Pesticides/Asbestos (training conducted locally)						
0						

Total = \$1,510

5410 OFFICE & GENERAL SUPPLIES

111 5410 - 2,000.00

Office and general supplies for well field facilities.
Includes clothing allowance for three employees.
\$200/employee x 3 employees = \$600.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5432 BUILDINGS & STRUCTURES

111 5432 - 5,000.00

Maintenance for well sites building and structures.
Includes well houses valves, blow offs and fences.

5433 SMALL TOOLS

111 5433 - 1,500.00

Replacement and specialized small tools needed by the
well crews.

5437 WELLFIELDS

111 5437 - 13,000.00

Hardware and supplies used to maintain 38 municipal
wells in the Federal, Bell, Happy Jack and Borie
wellfields.

Description	Amount
Hardware	\$11,000
Supplies	2,000
Total = \$13,000	

Hardware includes fencing, valves, piping and electrical
components.
Supplies include pesticide, fuel, batteries, and other
consumable items.

5440 SUPPLY MAINS

111 5440 - 3,500.00

Maintenance expenses for 55 miles of groundwater supply
mains located in the Federal, Bell, Happy Jack, Borie
and Belvoir wellfields.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER					VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	

5450 SCADA & INSTRUMENTATION
111 5450 -

5,000.00

Repairs to SCADA and monitoring equipment.

5510 GENERAL CONTRACTUAL
111 5510 -

46,700.00

Contractual Services for the well field. Expected services include:

Description	No.	Cost	Amount
Meter rehabs	2	\$ 850	\$ 1,700
well workover	3	15,000	45,000
Total = \$ 46,700			

Meter rehabs pull 2 meters from wells each year and calibrate/rehabilitate the meter.

well workovers pull the motor and pump from a well and repair/rehabilitate the motor, pump, column pipe or wiring. Staff anticipate 3 wells will need the service.

5530 EQUIPMENT
111 5530 -

2,000.00

Rental equipment used in maintaining well fields.

5541 LAND LEASES
111 5541 -

13,000.00

Royalties paid to the State of Wyoming plus annual fees for water pumped from the wells located on State lands. Includes Borie, State 1, State 2, and Happy Jack wells. State of Wyoming receives \$10 per acre-foot of water produced from these wells.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER				
TOTAL WELLS				530,230.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
12	SURFACE WATER				
5120	FULL TIME STAFF				
112	5120 -				433,000.00
Budget for Supervisor and five Utility System Operators. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.					
5140	OVERTIME				
112	5140 -				2,500.00
Overtime for Source of Supply Staff.					
5311	ELECTRIC- PUMPING				
112	5311 -				92,400.00
Electrical for Raw Water Pump Stations including Sloans, Country Club, and Airport Golf Course. Includes 5% increase for electricity rates.					
5312	ELECTRIC- SOURCE OF SUPPLY				
112	5312 -				40,000.00
Electrical for control buildings and meter houses including Hog Park, Rob Roy, Lake Owen, Ames, Crystal, Granite, Upper and Lower North Crow. Includes 5% increase for electricity rates.					
5313	ELECTRIC- CROW CREEK REUSE				
112	5313 -				11,600.00
Electrical for Cathodic Protection System including 21 rectifiers along various transmission pipelines. Includes 5% increase for electricity rates.					

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5330 NETWORK COMMUNICATION LINES
112 5330 -

17,000.00

Data and voice communication.

Description	Monthly	Amount
Remote SCADA	\$ 550	\$ 6,600
Old North Crow Dam	45	540
New North Crow Dam	45	540
Granite Dam	65	780
Rob Roy Dam	45	540
Lake Owen Dam	45	540
Hog Park Dam	250	3,000
SoS I-pads (4)	180	2,160
SoS I-pads (2) new	90	1,080
Satellite phone		1,220
Total = \$ 17,000		

Request includes monthly data for two additional I-pads. Only two SoS crew members do not have I-pads. I-pads are currently used for documenting work, communication (MS Teams, chat, and e-mails. No one in WT has a BOPU cell phone, WT has one shared flip phone), training, logging asset management actions, mapping, accessing files on SharePoint and recording time sheets.

5340 REGISTRATION, FEES, DUES
112 5340 -

4,400.00

Operator training to maintain certifications. Source of Supply crews maintain at least a Level II Distribution Certification and a Level II Collection Certification. Each certification requires 24 hours of continuing education every 3 years. Anticipated training events are shown below

Training	Staff	Cost	Total
RMSAWWA	2	350	700
WARWS	2	450	900
Pesticide, Asbestos	2	400	800
Advanced Education Reimbursement	2	1,000	2,000
Total = \$4,400			

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY							
ACCOUNTS FOR:		VENDOR		QUANTITY	UNIT COST	2022 Admin Mngr	
WATER							

RMSAWWA - Rocky Mountain Section American Water Works
Association Virtual Water Summit
WARWS - Wyoming Association of Rural Water Systems
Conference.

5341 TRAVEL, LODGING, MEALS
112 5341 -

26,000.00

Travel, room and board for operator training and for summer mountain work near Hog Park Reservoir and Rob Roy Reservoir. Anticipated training events and costs shown below using GSA rates for location. See account 112-5340 for additional information on training events. Per person/day costs

Training	Location	Staff	Days	Travel	Room	Food	Total
<hr/>							
RMSAWWA	Online						
0							
WARWS	Casper, WY	2	4	\$0	\$96	\$55	\$
1,210							
Pesticides/Asbestos (training conducted locally)							
0							
Mtn Work	Hog Park	3	48	0	96	55	
21,760							
Mtn Work	Rob Roy	2	10	0	96	55	
3,020							

Total = \$ 26,000

5410 OFFICE & GENERAL SUPPLIES
112 5410 -

7,000.00

General supplies and safety gear. Includes \$200 clothing allowance for 5 employees and \$150 payment toward safety toe boots for 5 employees.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5432 BUILDINGS & STRUCTURES
112 5432 -

22,000.00

Materials and supplies for building maintenance. Includes propane for heating systems at South Crow, Middle Crow, Rob Roy, Hog Park, and Table Mountain Repeater. Includes \$15,000 to replace cathodic protection and fencing after the Mullen Fire.

5433 SMALL TOOLS
112 5433 -

8,000.00

Parts and consumable supplies for hydraulic pumps, drills, cut-off saws, valve turners, and chainsaws. Also includes replacement parts for easy repairs on snowmobiles, masticator, excavator and atvs.

5438 RESERVOIRS
112 5438 -

24,000.00

Materials to repair reservoirs and lakes, Includes spillway buoys, warning signs, fence, weed spraying, etc. Includes \$20,000 for debris flow controls following Mullen fire.

5440 SUPPLY MAINS
112 5440 -

15,000.00

Materials to maintain Source of Supply transmission pipelines and appurtances.

5444 RAW WATER SYSTEM
112 5444 -

6,000.00

Materials to repair the Raw Water System

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
WATER									

5450 SCADA & INSTRUMENTATION
112 5450 -

31,000.00

Repairs to SCADA and monitoring equipment and \$21,000 -
Replace actuator at Granite Reservoir.

5510 GENERAL CONTRACTUAL
112 5510 -

340,000.00

Description	Amount
DOI-BOR (Seminole Storage)	\$ 140,000
USDA, FS Easement	\$ 110,000
USDA, FS SLIP	\$ 20,000
WWDC Weather Modification	\$ 50,000
Other	\$ 10,000
Total = \$ 340,000	

DOI-BOR = Department of Interior Bureau of Reclamation.
Fees for storing water in Seminole Reservoir.
USDA, FS Easement - United States Department of
Agriculture, Forest Service. Fees for easements
on forest service land.
USDA, FS SLIP - United States Department of
Agriculture, Forest Service. Special Liability
Insurance Program as required by contract with
the Forest Service.
WWDC Weather Modification - Wyoming Water Development
Commission. BOPU share of costs for cloud seeding
programs in Sierra Madre, Medicine Bow and Laramie
Mountains.
Other - Contract services such as advertising for
Source of Supply projects, land rental or
emergency contracts.

5530 EQUIPMENT
112 5530 -

4,000.00

Equipment rentals

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR

QUANTITY

UNIT COST

2022 Admin Mngr

TOTAL SURFACE WATER

1,083,900.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY							
ACCOUNTS FOR:				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER							
113	REUSE WATER						
5313	ELECTRIC- CROW CREEK REUSE						
113	5313 -						85,000.00
	Electric power for Reuse at Crow Creek, averages \$10,000/mo during season						
5314	ELECTRIC- PUMP STA REUSE						
113	5314 -						90,000.00
	Electric costs for Reuse Pump Station.						
5430	EQUIPMENT						
113	5430 -						10,000.00
	Regular maintenance repairs as well as emergency repairs concerning the Reuse system at Crow Creek						
5432	BUILDINGS & STRUCTURES						
113	5432 -						3,000.00
	Maintain Reuse water system pump house facilities.						
5445	REUSE SYSTEM						
113	5445 -						3,000.00
	Maintain the reuse water distribution system.						
5450	SCADA & INSTRUMENTATION						
113	5450 -						5,000.00
	Repairs to SCADA and monitoring equipment.						

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
5460	CHEMICALS				
113	5460 -				45,000.00
Increase from \$40,000 to \$45,000 due to increased demand of Reuse water. With increased demand, more Sodium Hypochlorite and Alum and the needed to disinfect and flocculate.					
TOTAL REUSE WATER					241,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

20 GENERAL
5120 FULL TIME STAFF
120 5120 -

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

129,000.00

Water Treatment Manager and Administrative Assistant. Administrative Assistant is funded 50% from this account and 50% from account 280-5120. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

5140 OVERTIME
120 5140 -

500.00

Potential overtime for Administrative Assistant.

5340 REGISTRATION, FEES, DUES
120 5340 -

11,000.00

Operator training to maintain certifications. Water treatment operators pursue and maintain a Level IV Water Treatment Certificate. Each certification requires 24 hours of continuing education every 3 years. Anticipated training events are shown below

Training	Staff	Cost	Total
RMSAWWA	2	\$ 350	\$ 700
WARWS	4	\$ 450	\$ 1,800
WWQPCA	2	\$ 350	\$ 700
MSEC	5	\$ 300	\$ 1,500
AWWA Webinars			\$ 500
Cal State Small water Systems	4	\$ 200	\$ 800
Cal State Manage For Success	4	\$ 150	\$ 600
RMWEA	5	\$ 450	\$ 2,250
Certification Testing	12	\$ 100	\$ 1,200
Hach, Auma, others			\$ 950

Total = \$ 11,000

RMSAWWA - Rocky Mountain Section American water Works Association Virtual water Summit.
WARWS - Wyoming Association of Rural water Systems Conference. Spring conference moved to August due to COVID.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WWQPCA - Wyoming Water Quality and Pollution Control Association Fall Conference.			
MSEC - Mountain States Employer's Council Leadership Trainings.			
AWWA - American Waterworks Association webinars.			
Cal State - California State University Water Treatment Correspondence Courses.			
RMWEA - Rocky Mountain Water Education Association Intermediate and Advanced Water Treatment Courses.			
Certification testing - Wyoming Department of Environmental Quality operator certification testing.			

5341 TRAVEL, LODGING, MEALS
120 5341 -

12,000.00

Travel, room and board for operator training. Anticipated costs shown below using GSA rates for training location. See account 120-5340 for additional information on training events.

Per person/day costs						
Training	Location	Staff	Days	Room	Food	Total
RMSAWWA	Online					0
WARWS	Casper	4	5	\$96	\$55	\$ 3,020
WWQPCA	Casper	2	5	\$96	\$55	\$ 1,510
MSEC	Denver	5	2	\$199	\$57	\$ 2,560
AWWA	Online					
Cal State	Correspondence					
RMWEA	Loveland	5	5	\$113	\$61	\$ 4,350
Hach, Auma, others						\$ 560
Total = \$ 12,000						

5410 OFFICE & GENERAL SUPPLIES
120 5410 -

10,000.00

office supplies for the water treatment plant.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY																							
ACCOUNTS FOR:				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr																
WATER																							
5414	SAFETY SUPPLIES																						
120	5414 -								7,900.00														
Personal Protection Equipment and Supplies for use at the water treatment plant. Includes:																							
<table><thead><tr><th>Description</th><th>Amount</th></tr></thead><tbody><tr><td>Safety Toe Boots</td><td>\$ 300</td></tr><tr><td>Masks, Filters, gloves, hard hats</td><td>\$ 4,500</td></tr><tr><td>First Aid Supplies</td><td>\$ 500</td></tr><tr><td>Coveralls and sweatshirts</td><td>\$ 2,000</td></tr><tr><td>Annual respiratory fit tests</td><td>\$ 600</td></tr><tr><td>Total</td><td>\$ 7,900</td></tr></tbody></table>										Description	Amount	Safety Toe Boots	\$ 300	Masks, Filters, gloves, hard hats	\$ 4,500	First Aid Supplies	\$ 500	Coveralls and sweatshirts	\$ 2,000	Annual respiratory fit tests	\$ 600	Total	\$ 7,900
Description	Amount																						
Safety Toe Boots	\$ 300																						
Masks, Filters, gloves, hard hats	\$ 4,500																						
First Aid Supplies	\$ 500																						
Coveralls and sweatshirts	\$ 2,000																						
Annual respiratory fit tests	\$ 600																						
Total	\$ 7,900																						
5510	GENERAL CONTRACTUAL																						
120	5510 -								2,000.00														
Contractual services for water treatment. Includes membership fees for Wyoming Association of Rural water Systems, drug and alcohol testing for CDL drivers, advertising for invitations to bid and copier rental.																							
TOTAL GENERAL								172,400.00															

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR

QUANTITY

UNIT COST

2022 Admin Mngr

21 RL SHERARD

5120 FULL TIME STAFF

121 5120 -

789,000.00

wages for 10 water treatment operators, one lead operator, one plant supervisor and two maintenance staff. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors. Includes a \$28,000 increase to anticipated certifications advancements of seven staff members and adding \$3,400 to the operators salary budget line to increase shift differential by \$0.25.

5140 OVERTIME

121 5140 -

14,000.00

Overtime for operators at the Sherard Water Treatment Plant. Includes monthly safety meetings, quarterly employee meetings, wellness meeting, insurance meetings and covering shifts for other operators while they are on vacation or sick.

5310 ELECTRIC & GAS

121 5310 -

300,000.00

Electricity and natural gas to operate the water treatment plant.

5320 TELEPHONE SERVICE

121 5320 -

5,100.00

Data and voice communication to and from the Water Treatment Plant. Includes:

Description	Monthly	Total
Sherard Phone Lines (2)	\$320	\$3,840
Sherard HVAC Access Line	75	900
Sherard Cell Phone	30	360
Total = \$5,100		

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:		VENDOR		QUANTITY		UNIT COST		2022 Admin Mngr	
WATER									

5430	EQUIPMENT
121	5430 -

77,000.00

Plant equipment replacements, repairs and consumable supplies for preventative maintenance of plant equipment.

Description	No.	Cost	Amount
Chlorine Analyzer	1	\$ 4,800	\$ 4,800
Turbidimeters	2	\$ 2,800	\$ 5,600
Modulating Actuators	2	\$ 4,150	\$ 8,300
FOV Actuators	2	\$ 4,150	\$ 8,300
House pumps	1	\$15,000	\$ 15,000
Solids Drying Bags	4	\$ 3,000	\$ 12,000
Misc.			\$ 23,000
Total =			\$ 77,000

Chlorine Analyzer - The current model used at the water treatment plant has been discontinued. Price includes one replacement analyzer.

Turbidimeters - The meters are used to report filter effluent turbidities to EPA.

Modulating Actuators - Control units that open and close valves to control flow. Staff replaced 3 last year. Parts are no longer available on existing actuators. The treatment plant has 8 modulating actuators. Replaces 2 in FY22.

FOV Actuators - Full Open Valve Actuator. Control units for remotely operated valves that control plant treatment processes. Staff anticipate needing to replace 2 per year. Existing acutators are starting to leak and fail. Parts are no longer available. The plant has 48 FOV valves. Plan is to replace 2 in FY 22.

House Pumps - The plant has 3 house pumps that supply pressurized water for mixing and feeding chemicals. One house pump failed last year. Staff want to replace one house pump each year. The plant requires 2 house pumps during peak production.

Solids Drying Bags - Bags used to dry solids from Pond 3. Remove and replace 4 bags.

Misc. - Miscellaneous small equipment including motors, pumps, level sensors, variable frequency drives, couplers, chlorine regulators and inline analytical equipment. Includes consumables

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER	for this items such as replacement hoses, lubrication, etc.			

5432	BUILDINGS & STRUCTURES	
121	5432 -	67,000.00

Maintain buildings and structures at the Sherard water Treatment Plant.

Description	Amount
Misc. Repairs	\$ 20,000
Roof Membrane Repair	\$ 22,000
Drying Beds Pumping to Pond 3	\$ 25,000
Total =	\$ 67,000

Misc. Repairs - Includes repairs to locks, doors, lighting, garage doors, switches, flooring, etc.
 Roof Membrane Repair - Repairs a tear in the roofing membrane that has developed above the men's restroom. Roofing specialists investigated and suspect it was caused by high winds.
 Drying Beds Pumping to Pond 3 - Installs a sump, electric motor, pump and 3-inch discharge line between the drying beds and Pond 3. This will help remove water faster, increasing the amount of solids that can be removed from Pond 3. It also simplifies WYPDES sampling and reporting by having a single discharge location.

5433	SMALL TOOLS	
121	5433 -	3,000.00

Replacement and specialized tools used at the water treatment plant.

5450	SCADA & INSTRUMENTATION	
121	5450 -	3,000.00

Repairs to SCADA and monitoring equipment.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
WATER									

5460 CHEMICALS
121 5460 -

523,000.00

Chemicals used for water treatment at the Sherard water Treatment Plant. Costs estimated using the following assumptions:

- * 3,900 million gallons (mg) of water treated.
10 year average less 1.5 mgd.
- * 80/20 Surface water to ground water blend. This is a change from previous years that were at 75/25.
- * 10% price increase from chemical vendors.
Contract renegotiation begins in April.

Chemical	Quantity	Rate	Amount
Ferric Sulfate	1,041,000 lbs	\$0.26	\$ 266,800
Soda Ash	650,500 lbs	0.16	\$ 105,600
Cationic Polymer	39,000 lbs	0.57	\$ 22,400
Chlorine	65,000 lbs	0.38	\$ 24,400
Liquid Oxygen	30,000 ccf	0.54	\$ 16,200
PAC	8,000 lbs	0.77	\$ 6,200
Fluoride	7,700 lbs	0.96	\$ 6,300
Pond 3 Polymer	10 totes		\$ 55,000
Contingency Chemicals*			\$ 20,100
Total =			\$523,000

5510 GENERAL CONTRACTUAL
121 5510 -

74,000.00

Contractual services for the Sherard WTP.

Service	Rate	Amount
Janitorial Services	\$ 1,100/month	\$ 13,200
Carpet Cleaning	\$ 1,000/year	\$ 1,000
Strip/Wax VCT Floors	\$ 1,900/year	\$ 1,900
HVAC Maintenance	\$ 7,500/quarter	\$ 30,000
Fire Sprinkler Testing	\$ 250/quarter	\$ 1,000
WDEQ - UST		\$ 600
Copier Rental	\$50/month	\$ 600
Crane Rental	\$ 2,100 twice	\$ 4,200
Backflow Testing	\$ 300/year	\$ 300
Inline WQ Analyzers	\$ 7,000/year	\$ 7,000
UPS Maintenance	\$ 4,500/year	\$ 4,500

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
Other Misc.	\$ 9,700		

Total =
\$ 74,000

Janitorial services include 3 times per week cleaning at the water treatment plant. Also includes a once per year carpet cleaning in offices and a once per year strip and wax of VCT Tile floors (listed separately).
HVAC Maintenance - Maintenance on the 10 heating/air conditioning systems at the water treatment plant.
Fire Sprinkler testing - Testing of the water treatment plant's fire suppression system.
WDEQ - UST - Wyoming Department of Environmental Quality underground storage tank fees. Annual fee paid to WDEQ for monitoring buried ferric storage tanks.
Copier Rental - Rental/maintenance fees for copier/printer/scanner used at the water treatment plant.
Crane Rental - Rents a large crane, capable of lifting and extending 18,000 lbs to install the dredge in Pond 3 in the spring and remove it in the fall.
Backflow Testing - Annual maintenance on backflow protection at the water treatment plant.
Inline Water Quality Analyzers - Annual service and maintenance of in-line turbidity, pH, dissolved oxygen and other water quality analyzers.
UPS Maintenance - Uninterruptible power supply maintenance for the two units (laboratory equipment and SCADA servers) at Sherard.
Other Miscellaneous - Includes electrical work, ventilation work, or other unexpected contractual services.

TOTAL RL SHERARD

1,855,100.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	
WATER						
22	ROUNDTOP					
5310	ELECTRIC & GAS					
122	5310 -					6,000.00
Electricity to operate equipment at the Round Top site. Includes communication equipment in the Valve House, flow and water quality analyzers off the storage tank, and the sodium hypochlorite generator to disinfect water from the Federal and Bell wellfields.						
5430	EQUIPMENT					
122	5430 -					2,000.00
Maintain and repair plant equipment at the Round Top site. Includes chemical preparation and pumping for the sodium hypochlorite system and water quality analyzers.						
5432	BUILDINGS & STRUCTURES					
122	5432 -					500.00
Maintain the Valve House, well houses and Hypochlorite Building at the Round Top site.						
5460	CHEMICALS					
122	5460 -					1,500.00
Salt for the sodium hypochlorite system used to disinfect water from the Federal and Bell wellfields. Reduced for FY 2022 due to having some salt in storage and an anticipated reduction in water from wells.						
5510	GENERAL CONTRACTUAL					
122	5510 -					1,000.00
Contractual services for the equipment at the Round Top site.						

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

TOTAL ROUNDTOP

11,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR: WATER VENDOR QUANTITY UNIT COST 2022 Admin Mngr

23 LABORATORY
5120 FULL TIME STAFF
123 5120 -

133,000.00

water quality control supervisor and one and half water quality control senior analysts. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors. Also includes a \$3,380.00 increase to anticipated certifications advancements of seven staff members.

5140 OVERTIME
123 5140 -

400.00

Overtime for water quality control analysts.

5340 REGISTRATION, FEES, DUES
123 5340 -

2,200.00

Analyst training on equipment and analytical methods. Anticipated training events are shown below

Training	Staff	Cost	Total
ICP-MS	2	\$ 0	\$ 0
AWWA	2	\$ 500	\$ 1,000
WQTC	2	\$ 350	\$ 700
Hach	2	\$ 250	\$ 500
Total = \$ 2,200			

ICP-MS - Factory training provided by contract by the manufacturer of the Inductively Coupled Plasma Mass Spectrometer purchased in 2018. Factory is in Ft. Lauderdale, Florida.
AWWA - American Water Works Association Online Conference
WQTC - American Water Works Association Water Quality Technology Conference in Tacoma Washington November 2021.
Hach - Hach Instruments online training.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5341 TRAVEL, LODGING, MEALS
123 5341 -

9,500.00

Travel, room and board for analyst training.
Anticipated costs shown below using GSA rates for
location. See account 123-5340 for additional
information on training events.

				Person/day costs			
Training Location	Staff	Days	Travel	Room	Food	Total	
ICP-MS Florida	2	5	\$400	\$232	\$50	\$ 5,730	
AWWA Online							
WQTC Washington	2	5	\$150	\$172	\$57	\$ 3,790	
Hach Online							
Total = \$ 9,500							

5412 LABORATORY SUPPLIES
123 5412 -

45,000.00

Laboratory supplies for the Water Treatment Lab.

Description	Amount
Laboratory Consumables	\$ 11,950
Sample Bottles	\$ 3,920
Analytical Chemicals	\$ 4,710
Testing Supplies	\$ 12,590
Inline Instrumentation	\$ 3,530
Instrument Gasses	\$ 8,300
Total = \$ 45,000	

5430 EQUIPMENT
123 5430 -

10,000.00

Replacement and repair of laboratory equipment and
instruments used in the Water Treatment Lab. Includes
repairs to deionized water maker, ovens, vent hoods,
equipment washer, sterilizer, refrigerators and
analytical instruments not under maintenance contracts.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
WATER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
			Probes and water quality meters	\$ 4,000		
			Replacement parts	\$ 6,000		
			Total = \$ 10,000			

5510 GENERAL CONTRACTUAL
123 5510 -

56,000.00

Contractual service for the Water Treatment Lab.

Description	Amount
Contract Lab Analysis	
Total Organic Carbon	\$ 2,400
Lead and Copper	\$ 1,500
Trichloroethylene	\$ 3,800
Disinfection By Products	\$ 4,200
Cyanobacteria	\$ 700
IOC, SOC, VOC	\$ 3,000
Landfill wells IOC, SOC, VOC	\$ 4,500
Equipment Maintenance	
UPS System Batteries	\$ 2,600
ICP Maintenance	\$ 19,200
IC Maintenance	\$ 13,600
Quality Assurance on Balance	\$ 500
Total = \$ 56,000	

Abbreviations

- IOC - Inorganic Compounds, includes 18 general water chemistry parameters, such as sulfates or nitrates, and metals, such as antimony, nickel, or lead.
- SOC - Synthetic Organic Compounds, includes 50 man made chemicals that come from agricultural or industrial practices such as herbicides and pesticides.
- VOC - Volatile Organic Compounds - includes 64 solvents and cleaners used in industrial practices.
- UPS - Universal Power Supply
- ICP - Inductively Coupled Plasma Mass Spectrometer - instrument used for metals analysis in process control.
- IC - Ion Chromatograph - instrument used for salts analysis in process control.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

TOTAL LABORATORY

256,100.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER									
				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		

30	GENERAL
5120	FULL TIME STAFF
130	5120 -

299,000.00

Budget for O&M Manager, Resource Supervisor, Support Services Coordinator, Inventory Control Specialist, and two Dispatch Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

5130	TEMPORARY WAGES
130	5130 -

6,000.00

Temporary summer employees for yard maintenance at O&M and Admin. facilities. (\$6,000/\$2,000)

Note: Funding split 75% water fund and 25% sewer fund.

5140	OVERTIME
130	5140 -

52,000.00

Overtime for crews to repair water distribution and reuse systems.

5190	DUTY TRUCK
130	5190 -

20,000.00

\$40,000 (50%/50%): After hours calls in Distribution, Collection, and Reuse systems. Duty chief at \$2.50/hour and two on-call utility operators at \$1.50/hour.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR

QUANTITY

UNIT COST

2022 Admin Mngr

5310 ELECTRIC & GAS

130 5310 -

35,000.00

Monthly gas and electric for O&M facilities.

Note: Funding split 75% water fund and 25% sewer fund.

5311 ELECTRIC- PUMPING

130 5311 -

173,250.00

Electric costs for pump stations (Deer Avenue, Pointe, NRB Park, Monterey Heights, Swan Ranch, and Happy Jack West).

5320 TELEPHONE SERVICE

130 5320 -

15,000.00

Telephone service including crew chief cell phones, and data plans for all field tablets.

5340 REGISTRATION, FEES, DUES

130 5340 -

15,000.00

To maintain DEQ certifications, professional licensing & memberships, traffic safety, confined space, annual asbestos awareness renewal, Supervisory training, and advancement training for O&M.

5341 TRAVEL, LODGING, MEALS

130 5341 -

8,000.00

Travel, lodging and meal expenses for training, conferences, and over nights stays for O&M employees.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
WATER									
5410	OFFICE & GENERAL SUPPLIES								
130	5410 -							10,000.00	
Supplies such as notebook paper, pens, markers, and door tags.									
Note: Funding split 75% water fund and 25% sewer fund.									
5414	SAFETY SUPPLIES								
130	5414 -							16,900.00	
Barricades, lights, gas detection sensors, batteries, safety vests, hard hats, gloves, cold weather gear, rubber boots, first aid supplies, fire extinguishers, and other PPE. Miscellaneous sign replacement and repair. Type I barricades w/ lights and Type III quick set-up barricades.									
Note: Funding split 75% water fund and 25% sewer fund.									
5415	EMPLOYEE SAFETY CLOTHING								
130	5415 -							7,800.00	
\$5,500 - Safety toe boot program for designated positions at \$150 a pair. \$1,000 - Collared polo shirts w/ BOPU logo for 4 meter technicians, and backflow prevention technician (replacements per supervisor approval). \$6,500 - Safety/outdoor Clothing Replacement allowance at \$200 per person for Distribution, Collection, and traffic safety. A reduced amount for mechanics, inventory, and meter techs at \$100 per person.									
5432	BUILDINGS & STRUCTURES								
130	5432 -							6,000.00	
\$6,000 - Maintain O&M facilities including pump stations.									

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5433 SMALL TOOLS
130 5433 -

40,000.00

Includes: Demolition saw replacement blades (\$3,000), one pump (\$3,000), one demolition saw (\$1,500), repair/replacement tools for hydro-excavator (\$6,000), and other miscellaneous tools. Items split 75%/25%: \$900 (\$600/\$300) vehicle diagnostic scanner software update for Snap On scanner, \$1,800 (\$1,350/\$450) Navistar (annual) OEM diagnostic software, \$1,600 (\$1,200/\$400) Paccar (one time purchase) OEM diagnostic software, \$1,000 (\$750/\$250) Nexiq Link cable for replacement laptop, \$4,500 (\$3,375/\$1,125) annual online subscription for large and small vehicle service parts and troubleshooting data for mechanics.

5435 RECLAMATION
130 5435 -

60,000.00

Road base & slurry material, drain field rock, pea gravel, sod and concrete for reclaiming excavation areas.

5441 TRANSMISSION MAINS
130 5441 -

25,000.00

Maintain and repair water mains 12" and larger and associated materials and parts including valves and all taps.

5442 DISTRIBUTION MAINS
130 5442 -

80,000.00

Maintenance and repair of water mains and associated material and parts including valves and all taps. Change out 10 valves at \$1,000 each as needed.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
5446	SERVICE LINES								
130	5446 -						38,000.00		
Materials for repairs/maintenance of taps/service lines from the main to the curb stop, includes corporation, insulator, pipe and curb stop. We anticipate more service line replacements due to leaks on lead services. In addition, EPA is pushing to change out more lead service lines.									
5447	METERS								
130	5447 -						230,000.00		
Maintain and repair water meters, hydrant meter setups for contractors; and maintenance supplies. Increased replacement of touch pads with wall mount radio reads.									
5448	METER PITS								
130	5448 -						3,000.00		
Materials to maintain meter pits; insulation, pits lids and residential pit cone assemblies.									
5449	HYDRANTS								
130	5449 -						10,000.00		
Materials and parts for repair and maintenance to over 3,100 hydrants. Crews often replace interior components.									
5450	SCADA & INSTRUMENTATION								
130	5450 -						3,000.00		
Repairs to SCADA and monitoring equipment.									

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5470 VEHICLES GAS & OIL

130 5470 -

150,000.00

Fuel, gas and oil for vehicle/equipment fleet. The City anticipates a 60% increase for gasoline and will pass along price increases.

Note: Funding split 75% water fund and 25% sewer fund.

5471 VEHICLES REPAIRS & MAINT

130 5471 -

140,000.00

Repair and maintain BOPU vehicles/equipment. Includes snow cats, 6-wheelers, snowmobiles, trailers, and support equipment.

Note: Funding split 75% water fund and 25% sewer fund.

5510 GENERAL CONTRACTUAL

130 5510 -

58,000.00

\$50,000 - Concrete & asphalt replacement for restoration of sidewalks, ADA ramps, curb & gutters, and streets during water main breaks, hydrant and tap replacements. \$6,600 (\$4,950/\$1,650) - Office mat cleaning and uniform cleaning for mechanics. \$1,000 - Backflow Prevention education.

5530 EQUIPMENT

130 5530 -

7,100.00

Copier rental and repairs to equipment. Alarm system access control maintenance. Annual crane inspection/certification - \$1,500 (\$1,125/\$375). Two-way radio communication tower site rental (5% increase annually per agreement) - \$3,500 (\$2,625/\$875).

Note: Funding split 75% water fund and 25% sewer fund.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5540	BUILDINGS & STRUCTURES			
130	5540 -			5,000.00
		\$5,000 - Maintenance and repairs to buildings and pump stations.		
5541	LAND LEASES			
130	5541 -			3,800.00
		Railroad property annual lease with UPRR/BNRR for parking, storage and easements.		
TOTAL GENERAL				1,516,850.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
31	SUPPORT STAFF				
5120	FULL TIME STAFF				
131	5120 -				416,000.00
Budget for Support Service Supervisor, Backflow Prevention Tech., three Meter Maint. Techs., two Mechanics, Safety Traffic Control Specialist, Safety Traffic Control Tech., and two Building and Grounds Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.					
TOTAL SUPPORT STAFF					416,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER				
	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
32	Utility Staff			
5120	FULL TIME STAFF			
132	5120 -			
				760,000.00
Budget for Utility Supervisor and 12 Utility System Operators. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors. Includes DEQ certifications in the amount of \$9,200.				
TOTAL Utility Staff				760,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

40 GENERAL

5120 FULL TIME STAFF

140 5120 -

610,000.00

Budget for Engineering Manager, Capital Projects Supervisor, Project Engineer II, Project Engineer I, Control Systems Supervisor, Control Systems Engineer, Controls Systems Specialist/Electrician and two Instrumentation Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

5140 OVERTIME

140 5140 -

9,000.00

\$6,000 for Instrumentation staff and \$6,000 for Inspection staff (split 75% water and 25% sewer).

5320 TELEPHONE SERVICE

140 5320 -

9,000.00

Telephone service for cell phones and data plans (75% water and 25% Sewer).

5340 REGISTRATION, FEES, DUES

140 5340 -

12,000.00

Professional engineering license, professional organization memberships, and registration fees for training (75% water and 25% sewer).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
WATER	VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5341 TRAVEL, LODGING, MEALS			
140 5341 -			12,000.00
Travel, lodging and meals expense for training and over night stays (75% Water and 25% Sewer).			
5410 OFFICE & GENERAL SUPPLIES			
140 5410 -			6,000.00
\$1900 Office Supplies, \$600 - Boots for Inspection, \$3000 - Instrumentation arc flash and winter gear, \$2500 - Hats for Stats (75% Water and 25% Sewer).			
5433 SMALL TOOLS			
140 5433 -			7,200.00
\$3,750 - New Locator, \$750 - Testing Equipment, \$500 - Paint for Locates, \$750 - Calcium Thiosulfate, \$750 - Power Tools, \$3000 - Instrumentation (75% Water and 25% Sewer).			
5480 GIS CO-OP PROJECTS			
140 5480 -			46,500.00
\$22,400 - ESRI Enterprise Agreement, \$500 - ESRI Drone2Map, \$600 - GPS Reference Station Maintenance, \$750 - Eagle View Software, \$9,000 - Hardware Sharing MOU, \$28,000 - 1/3 GIS Coop Coordinator Salary and Benefits, \$700 - 1/3 GIS Coop Coordinator training and travel, \$200 - UAS Program Replacement Parts (75% Water and 25% Sewer).			
5510 GENERAL CONTRACTUAL			
140 5510 -			210,000.00
\$240,000 - Locator Services, \$20,000 - Drafting Services, \$8,000 - SCADA Professional Services, \$8,000 - One Call of Wyoming, \$1,500 - Copier Rental, \$2,500 -			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER		Misc (75% Water and 25% Sewer).			
5520	STUDIES/SURVEYS				
140	5520 -				165,000.00
		\$30,000 - Safety of Dams PSA, \$35,000 - Elmer Gantry Tunnel survey and analysis (100% Water). \$100,000 - Inspection and Evaluation of Crystal Outlet works (100% Water).			
5531	SYSTEM MAINTENANCE CONTRACTS				
140	5531 -				30,000.00
		\$16,700 - Intellution (SCADA) maintenance contract, \$6,700 - PI maintenance contract, \$5,200 - Allen Bradley PLC maintenance contract, \$800 - Motorola Toolbox, \$400 - MicroPLC programing software, \$600 - Trimble maintenance contract, \$3,200- 2 AutoCAD Seats, \$3,400 - Innovyze, \$1,500 - Bluebeam (3 new) (75% Water and 25% Sewer).			
TOTAL GENERAL					1,116,700.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER				
		VENDOR	QUANTITY	UNIT COST
41	GIS			2022 Admin Mngr
5120	FULL TIME STAFF			
141	5120 -			164,000.00
<p>Budget for GIS Coordinator, GIS Specialist and GIS Analyst/Programmer. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL GIS				164,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

42 UTILITY INSPECTION
5120 FULL TIME STAFF
142 5120 -

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

250,000.00

Budget for Utility Inspector Supervisor, three Utility Construction Inspectors and Development Specialist. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL UTILITY INSPECTION

250,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER									
		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr				

50	GENERAL		
5110	BOARD MEMBERS		
150	5110 -		

1,500.00

Board Member compensation is split 50/50 between the water and sewer fund.

5120	FULL TIME STAFF		
150	5120 -		

506,000.00

Salaries for Director, Administration Manager, Human Resource Manager and part-time Human Resource Assistant, Administrative & Public Affairs, Safety/Security Officer, Accounting Supervisor and Accountant. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

5140	OVERTIME		
150	5140 -		

1,500.00

Overtime for non-exempt employees. Overtime for non-exempt employees is anticipated to be significant due to permitting and utility billing software conversion.

Note: Funding split (75% water fund and 25% sewer fund).

5210	COMP TIME ACCRUED		
150	5210 -		

23,100.00

Non-exempt full and part-time employees are eligible to earn and use compensatory time upon employment. Compensatory time may be earned in lieu of overtime and callback wages. Upon termination compensation time is paid to employees but no more than 120 hours.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR QUANTITY

UNIT COST 2022 Admin Mngr

Note: Funding split (75% water fund and 25% sewer fund).

5211 SICK TIME ACCRUED

150 5211 -

95,500.00

Sick leave hours will be used if an employee is absent from regularly scheduled work due to illness or injury. Sick leave may be used by an employee to care for an ill or injured immediate family as defined in policy. Sick leave may be used for routine visits to a physician, dentist, or other providers of medical services for employee or immediate family as defined in policy.

Note: Funding split (75% water fund and 25% sewer fund).

Note: Funding split based on employee allocation.

5212 VACATION ACCRUED

150 5212 -

97,300.00

Vacation leave hours accrued is based on months of service and the number of hours worked in a month. Employees will not be allowed to accumulate vacation leave in excess of 240 hours during the calendar year. The maximum carry over to a new calendar year is 240 hours and at calendar year-end hours above 240 will be forfeited. Upon termination of employment an employee is paid accrued, unused, vacation balance.

Note: Funding split (75% water fund and 25% sewer fund).

5220 FICA/MEDICARE TAXES

150 5220 -

414,000.00

FICA and Medicare taxes are split between water and sewer based on actual wages. The Social Security rate is 6.2% and Medicare rate is 1.45%.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		

5221 WORKERS COMPENSATION

150 5221 - 131,900.00

July 2021 effective rate is \$0.0225 per \$100.

Note: Funding split (75% water fund and 25% sewer fund).

5222 UNEMPLOYMENT COMPENSATION

150 5222 - 2,000.00

Cost coverage for potential unemployment claims.

Note: Funding split (75% water fund and 25% sewer fund).

5230 EMPLOYEE INSURANCE

150 5230 - 2,350,000.00

Insurance premiums for the benefit of employees with a 15% increase due to claim history.

Note: Funding split (75% water fund and 25% sewer fund).

5231 WYOMING RETIREMENT

150 5231 - 812,000.00

Employer's share is 9.37% and 6.75% is the employee's share.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5232 DEFERRED COMPENSATION
150 5232 -

25,000.00

\$25.00 match per month for employees who participate in either the WRS or Valic deferred compensation plans.

Note: Funding split (75% water fund and 25% sewer fund).

5239 OTHER EMPLOYEE BENEFITS
150 5239 -

5,000.00

Funding for the employee assistance program with Aetna Behavioral Health LLC.

Note: Funding split (75% water fund and 25% sewer fund).

5240 EMPLOYEE RECOGNITION
150 5240 -

5,500.00

Funds for recognition of outstanding work performance (\$2,900); years of service awards (\$1,500); annual and quarterly meeting expenses (\$3,000).

Note: Funding split (75% water fund and 25% sewer fund).

5242 EMPLOYEE WELLNESS PROGRAM
150 5242 -

5,000.00

Funds wellness challenges and bio-metric screening for employees to encourage greater productivity, reduce work related ill-health, injuries, and insurance costs through incentives to improve worker health.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
5310	ELECTRIC & GAS								
150	5310 -								
							42,600.00		
Gas and electrical charges for the Administration building.									
Note: Funding split (75% water fund and 25% sewer fund).									
5320	TELEPHONE SERVICE								
150	5320 -								
							6,800.00		
CenturyLink administration fax line and phone system backup line (\$1,000), Verizon cell phone and iPad data service (\$4,500), and InContact Inc. long distance service (\$3,600).									
Note: Funding split (75% water fund and 25% sewer fund).									
5340	REGISTRATION, FEES, DUES								
150	5340 -								
							15,000.00		
Memberships and dues for various registrations for training, conferences, and workshops. Some dues include: AWWA \$3,655; American Society of Engineers \$260; GFOA \$1,045; Rural water \$350; RMWEA \$325; Wyoming Water Association \$500; Mountain States Employer's Council \$4,000. Training would include on-site supervisory training through Mt. States, Administrative staff training, and conference for required continuing education credits for specific Administration staff.									
Note: Funding split (75% water fund and 25% sewer fund).									

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5341 TRAVEL, LODGING, MEALS
150 5341 -

4,000.00

Travel, meals, and lodging for Administration staff for education and training at workshops, seminars, and conferences (safety, security, human resources, accounting, financial, AWWA, and MSEC).

Note: Funding split (75% water fund and 25% sewer fund).

5350 POSTAGE
150 5350 -

100,000.00

Postage for bills, notices, checks, letters, and packages. Includes mailing for public relations and water conservation of \$1,800 and \$1,000 for post office box caller service.

Note: Funding split (75% water fund and 25% sewer fund).

5360 ADVERTISING/PUBLIC RELATIONS
150 5360 -

8,000.00

Drought response \$5,000 (100% water 150), the Board's share of the website hosting fees with OpenCities \$2,325, advertising space, promotional materials, and marketing services to include \$5,000 sewer backups (100% sewer 250); \$575 for booths, inserts, door hangers, misc. outreach; \$1,750 (give a ways).

Note: Funding split (75% water fund and 25% sewer fund).

5391 BAD DEBT EXPENSE
150 5391 -

7,500.00

Bad debt expense related to noncollectable water and sewer customers which are more than three years old and previously placed in collections, bankruptcy, or

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
WATER				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		

deceased.

5410 OFFICE & GENERAL SUPPLIES

150 5410 - 27,000.00

General office supplies for Administration.

Note: Funding split (75% water fund and 25% sewer fund).

5411 PRINTING & FORMS

150 5411 - 6,000.00

Billing invoices and miscellaneous printed material and forms.

Note: Funding split (75% water fund and 25% sewer fund).

5414 SAFETY SUPPLIES

150 5414 - 2,000.00

Safety supplies and equipment to include hard hats, eye protection, first aid kits and supplies, and other safety related equipment and maintenance including WYO-Link Radios.

Note: Funding split (75% water fund and 25% sewer fund).

5510 GENERAL CONTRACTUAL

150 5510 - 101,200.00

Funding for contractual services to include: financial audit, collection services, mat services, lawn maintenance for the Administration building, health insurance brokerage services -3% increase, pre-employment screenings, building security, and building safety agreements.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr
fund).

5530 EQUIPMENT

150 5530 - 8,000.00

Copier (\$2,500) and postage meter rentals (\$7,500), maintenance contracts on mail machine (\$675), mail opener, scale, and check disburser/bill inserter.

Note: Funding split (75% water fund and 25% sewer fund).

5540 BUILDINGS & STRUCTURES

150 5540 - 17,000.00

Maintenance and repairs to include climate control maintenance at Administration building; elevator maintenance; security system maintenance; and miscellaneous repairs.

Note: Funding split (75% water fund and 25% sewer fund).

5550 INSURANCE

150 5550 - 621,000.00

Property and automobile comp/collision (\$502,000) 35% increase estimated rate based on WARM information; commercial general liability (\$168,000) 35% increase estimated rate based on WARM information; boiler and machinery, public employees blanket bonds, customer service and accounting blanket bonds; inland marine coverage, public errors and omissions, and crime.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:					
WATER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
5551	LEGAL, CLAIMS, SETTLEMENT				
150	5551 -				89,300.00
<p>Expenses for contracted attorney, risk management services through the city and payment of other legal services and claims in the amount of \$54,000. Note: Funding split (75% water fund and 25% sewer fund).</p> <p>Additional expense, water rights legal counsel in the amount of \$48,800, Keith Burron (100% water fund).</p>					
TOTAL GENERAL					5,530,700.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

60	GENERAL
5140	OVERTIME
160	5140 -

200.00

Overtime for nonexempt employees, information technology, customer service and meter information.

Note: Funding split (75% water fund and 25% sewer fund).

5330	NETWORK COMMUNICATION LINES
160	5330 -

33,000.00

CenturyLink Administration phone lines for fire alarms, security system, and elevators (\$4,000/YR), CenturyLink T1-DS1 1.5Mbps data lines at Dry Creek/Crow Creek/Sherard (\$13,000/YR), CenturyLink internet service (\$14,500), Charter internet service for backup/resiliency (\$2,700), CenturyLink T1-PRI voice line (\$8,000/YR), Verizon Cellular Data charges & Black Hills Power charges for Neptune Gateways (\$1,800/YR).

Note: Funding split (75% water fund and 25% sewer fund).

5340	REGISTRATION, FEES, DUES
160	5340 -

6,000.00

IT training/education, KnowBe4 Cyber Security training (\$2,500), Water Conservation training & presentations, Customer Service training, and MIT training. Due to COVID this training was reduced by 50%. It will increase once it is safe to return to in-person training and events.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:					
WATER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
5341	TRAVEL, LODGING, MEALS				
160	5341 -				1,200.00
	Travel expenses for IT, Water Conservation, Customer Service, and MIT related to training, continuing education, meetings, and conferences.				
	Note: Funding split (75% water fund and 25% sewer fund).				
5342	AUTO MILEAGE				
160	5342 -				4,200.00
	Meter Reader allowance \$9.50 per day.				
	Note: Funding split (75% water fund and 25% sewer fund).				
5413	CONSERVATION SUPPLIES				
160	5413 -				700.00
	Educational Materials \$200, Demonstration Garden Maintenance (maintenance and signage) \$300, Science Fair Awards \$250 and Misc. \$250.				
	Note: Funding split (75% water fund and 25% sewer fund).				
5420	INFORMATION TECH SOFTWARE				
160	5420 -				69,800.00
	\$10,000 for Misc software licenses & expenses benefiting all divisions (i.e. FoxIt for PDF conversion, Microsoft windows 10 Licenses, New Cyber Security Software). Master Plan vol. 10 - \$50,700 for Microsoft Office 365 & Data Center Server licenses (140 0365 licenses, four Data Center Server licenses, two Standard Server licenses, two SQL Server Standard licenses, 140 Core Client Access licenses, five Visio licenses). To better support their software, Neptune is transitioning all of their customers to a hosted				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR QUANTITY

UNIT COST 2022 Admin Mngr

software environment (cloud-based). In addition to providing upgraded capabilities, the hosted system will free IT staff from maintaining a physical server, and it will provide improved functionality for Customer Service and others who need access to meter data for analysis. (\$27,000). \$5,000 for Fleet Maintenance software system to replace HTE Fleet Maintenance package.

Note: Funding split (75% water fund and 25% sewer fund).

5421 INFORMATION TECH SUPPLIES

160 5421 -

60,000.00

\$8000 for Misc IT peripherals & accessories for all divisions (Cables, power supplies, converters, batteries, keyboards, mice, cases, UPS battery backups, monitors, network devices, USB storage devices, magnetic backup tapes, etc.): \$28,000 for Printer supplies (toner, ribbons, ink cartridges, photo conductors, fusers, maintenance kits, etc.).

\$22,000 for New computers to replace 6-year & older computers for: Engineering - 4 @ \$3500 (GIS), 2 @ \$2000 (Permit Technician, Control Systems Engineer). 2 Laptop computers for Water Treatment Manager & Water Reclamation Manager @ \$2000 ea.

\$20,000 to replace 6-year and older network switches & routers within various locations in all divisions.

Note: Funding split (75% water fund and 25% sewer fund).

5433 SMALL TOOLS

160 5433 -

1,000.00

Vests, Shoes and Clothing (rain and snow gear) for Meter Information Group and Misc. tools for I.T.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
WATER		VENDOR	QUANTITY UNIT COST 2022 Admin Mngr
5510	GENERAL CONTRACTUAL		
160	5510 -		31,500.00
<p>\$3,000 for Miscellaneous Services (Bid Advertisements, FCC License Monitoring, Shipping fees via Fedex, UPS, etc.), \$300 for Wyoming.com Internet Service Provider domain management, \$35,000 for Professional Services (Network engineering, Consulting, Server Software Configuration, Data Migration).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5531	SYSTEM MAINTENANCE CONTRACTS		
160	5531 -		13,500.00
<p>\$1,500 for GIS Plotter maintenance, \$600 for IBM 4247 Forms Printer, \$14,000 for Neptune meter reading equipment & gateway maintenance, \$500 for Network switch/router maintenance, \$1,400 for other misc equipment maintenance (printers, phone system, network switches, etc.).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5532	SYSTEM MAINTENANCE REPAIRS		
160	5532 -		4,000.00
<p>Replace or repair failed out of warranty technology (i.e. PC's, Printers, Monitors, iPads, etc.).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5533	SOFTWARE MAINTENANCE		
160	5533 -		99,000.00
<p>Annual software maintenance & support for: \$65,000 Tyler Munis, \$52,000 Superior (Needed for all modules during transition to Tyler Munis), \$1,600 for Linko</p>			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
software (Industrial pre-treatment), \$3,000 for workwright (zip codes for billing system), \$1,800 for XC2 Backflow Software (O&M), \$2,000 for webroot Anti-virus, \$4,500 for ACOM Document Mgt (pdf utility bills), \$800 for HelpSystems Report Splitter (used by ACOM), \$800 for FlowPoint Water Salesman, \$2,800 Hach WIMS (Water Info Mgt System used by Water Reclamation), \$1,500 for IWATSU phone & voicemail system, \$900 for Quatred Scanning System (O&M), \$2,800 for other misc software.			

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL GENERAL

324,100.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
61	IT			
5120	FULL TIME STAFF			
161	5120 -			275,000.00
<p>Information Technology Supervisor, Network Administrator, Data Base Administrator, IT Specialists, and IT Operator/Trainer. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL IT				275,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
62	CUSTOMER SERVICE				
5120	FULL TIME STAFF				
162	5120 -				283,000.00
<p>Customer Service Supervisor, two Customer Service Leads, four Customer Service Representatives and one part-time Customer Service Representative. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>					
TOTAL CUSTOMER SERVICE					283,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
63	METER INFO TECH			
5120	FULL TIME STAFF			
163	5120 -			176,000.00
<p>Meter Information Supervisor and three Meter Information Technicians and one temporary position. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL METER INFO TECH				176,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

64 WATER CONSERVATION & PR

5120 FULL TIME STAFF

164 5120 -

62,000.00

Water Conservation Specialist. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL WATER CONSERVATION & PR

62,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
99	NONOPERATING			
8110	INTEREST- OPERATING			
199	8110 -			-250,000.00
Operating investment interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates no change in revenues from FY 2021's set budget.				
8130	INTEREST- DEBT SERVICE			
199	8130 -			-10,000.00
Debt service interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$30,000 decrease in revenues from FY 2021's set budget.				
8140	INTEREST- SYSTEM DEVELOPMENT			
199	8140 -			-55,000.00
System development interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$5,000 decrease in revenues from FY 2021's set budget.				
8150	INTEREST- CAPITAL			
199	8150 -			-4,000.00
Capital interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$1,000 decrease in revenues from FY 2021's set budget.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
WATER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

8170 INTEREST- PUMP STATION
199 8170 -

-6,000.00

Pump station interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$2,000 decrease in revenues from FY 2021's set budget.

8210 SYSTEM DEVELOPMENT FEES
199 8210 -

-1,800,000.00

System development fees are dependent on the local economy. System development fees are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$110,600 reduction in revenues from FY 2021's set budget.

Note: Restricted funds

8220 PUMP STATION FEES
199 8220 -

-20,000.00

Pump station fees are dependent on the local economy. Pump station fees are based on five-year averages and actual revenues from previous years. Based on projections the Board does not anticipate any change in revenues from FY 2021's set budget.

9110 INTEREST EXPENSE
199 9110 - 101

4,500.00

Replace water mains at key locations; Western Hills, 25th St., Evans Ave. and loop dead end mains. Total loan \$744,050; 20-year loan at 2.50%; payments due will be due December 1; last payment December 1, 2024. Principal \$43,300 and interest \$4,500.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
WATER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
199	9110 - 102					10,000.00
		Western Hills/Roundtop 30" main. Total loan \$964,742; 20-year loan at 2.50%; payments will be due March 1; last payment due March 1, 2028. Principal \$52,100 and interest \$10,000.				
199	9110 - 106					59,500.00
		Southern water main phase I. Total loan \$5,232,773; 20-year loan at 2.50%; payments due September 1, last payment due September 1, 2028. Principal \$275,500 and interest \$59,500				
199	9110 - 108					4,300.00
		Engineering design for new Administration/Engineering Building. Total loan amount \$281,250; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$13,800 and interest \$4,300.				
199	9110 - 109					16,200.00
		Reuse phase II. Total loan amount \$1,280,000; 20-year loan at 2.50%; payments will be due September 1; last payment due September 1, 2029. Principal \$65,800 and interest \$16,200.				
199	9110 - 110					78,300.00
		Replace or clean and line the WAFB 30" main (round top to I-25). Total loan amount \$5,130,509; 20-year loan at 2.50%; payment will be due September 1; last payment due September 1, 2031. Principal \$251,000 and interest \$78,300.				
199	9110 - 111					28,500.00
		Construction of new Administration/Engineering building. Total loan amount \$1,859,735; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$91,000 and interest \$28,500.				
199	9110 - 112					28,500.00
		Construction of new Administration/Engineering building. Total loan amount \$1,859,735; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$91,000 and interest \$28,500.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
199	9110 - 114				132,100.00
		Phase II of the Southern Water Main project. Total loan amount \$7,494,827; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2034. Principal \$349,000 and interest \$132,100.			
199	9110 - 119				63,100.00
		Phase III of the Southern Water Main project. Total loan amount \$3,882,897; 20-year loan at 2.50%; payments will be due March 1; last payment due March 1, 2038. Principal \$124,000 and interest \$63,100.			
199	9110 - 150				90,000.00
		Refunding the 2007 revenue bond. Total loan amount \$8,740,000; 12 year loan at 2.41%; payments will be due June 1 and December 1; last payment due December 1, 2025. Principal \$890,000 and interest \$90,000.			
9120	PRINCIPAL PAYMENTS				
199	9120 - 101				43,300.00
		Replace water mains at key locations; Western Hills, 25th St., Evans Ave. and loop dead end mains. Total loan \$744,050; 20-year loan at 2.50%; payments due will be due December 1; last payment December 1, 2024. Principal \$43,300 and interest \$4,500.			
199	9120 - 102				52,100.00
		Western Hills/Roundtop 30" main. Total loan \$964,742; 20-year loan at 2.50%; payments will be due March 1; last payment due March 1, 2028. Principal \$52,100 and interest \$10,000.			
199	9120 - 106				275,500.00
		Southern water main phase I. Total loan \$5,232,773; 20-year loan at 2.50%; payments due September 1, last payment due September 1, 2028. Principal \$275,500 and interest \$59,500			

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
WATER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
199	9120 - 108					13,800.00
		Engineering design for new Administration/Engineering Building. Total loan amount \$281,250; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$13,800 and interest \$4,300.				
199	9120 - 109					65,800.00
		Reuse phase II. Total loan amount \$1,280,000; 20-year loan at 2.50%; payments will be due September 1; last payment due September 1, 2029. Principal \$65,800 and interest \$16,200.				
199	9120 - 110					251,000.00
		Replace or clean and line the WAFB 30" main (round top to I-25). Total loan amount \$5,130,509; 20-year loan at 2.50%; payment will be due September 1; last payment due September 1, 2031. Principal \$251,000 and interest \$78,300.				
199	9120 - 111					91,000.00
		Construction of new Administration/Engineering building. Total loan amount \$1,859,735; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$91,000 and interest \$28,500.				
199	9120 - 112					91,000.00
		Construction of new Administration/Engineering building. Total loan amount \$1,859,735; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2032. Principal \$91,000 and interest \$28,500.				
199	9120 - 114					349,000.00
		Phase II of the Southern Water Main project. Total loan amount \$7,494,827; 20-year loan at 2.50%; payments will be due June 1; last payment due June 1, 2034. Principal \$349,000 and interest \$132,100.				
199	9120 - 115					37,500.00
		Recycled water to Holiday Park; Total loan \$875,000; 20-year loan at 0%; payment will be due September 1; last payment due September 1, 2036. Principal \$37,500.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

WATER	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
199 9120 - 119				124,000.00

Phase III of the Southern Water Main project. Total loan amount \$3,882,897; 20-year loan at 2.50%; payments will be due March 1; last payment due March 1, 2038. Principal \$124,000 and interest \$63,100.

199 9120 - 150				890,000.00
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Refunding the 2007 revenue bond. Total loan amount \$8,740,000; 12 year loan at 2.41%; payments will be due June 1 and December 1; last payment due December 1, 2025. Principal \$890,000 and interest \$90,000.

9210 CAPITAL PURCHASES

199 9210 - 1830				120,000.00
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Replaces one backwash pump at the water treatment plant. Filters are cleaned after use by flowing water and air backwards through the filter media. This is accomplished using three large pumps. To properly clean the filter media, flows from the pumps should reach and maintain 15,000 gallons per minute (gpm). After 19 years, the pumps are no longer consistently reaching 15,000 gpm. Sometimes the flows only reach around 12,000 gpm. The pumps also can't maintain flows and gradually decrease flows during backwash cycles.

199 9210 - 1856				7,000.00
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\$7,000 - Replacement pneumatic hammer for distribution. The current mole is over 20 years old and starting to have operational issues such as not being able to reverse.

199 9210 - 1857				300,000.00
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1. \$250,000 - Meters for new developments, change outs, and updates.
2. \$50,000 - Large meter change outs and updates.

199 9210 - 1858				35,000.00
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Replace 20 hydrants within the distribution system.

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
WATER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
199	9210 - 1870					97,500.00
		1. \$55,000 - (\$41,250/\$13,750) Replace A76 (2009 Chevy 3500 crew cab pickup w/170,000 miles) with a new 1-ton 4x4 gas engine crew cab utility body pickup. A76 is used by Distribution crew, is experiencing multiple service issues, and is projected to reach 92% its targeted useful lifespan this year.				
		2. \$40,000 - (\$30,000/\$10,000) Replace A69 (2007 Ford F150 w/139,000 miles) with an all-wheel drive cargo van, with interior utility shelving. A69 is used by Meter Maintenance crew for meter installs and maintenance, is showing significant wear, and is projected to reach its targeted useful lifespan this year.				
		3. \$35,000 - (\$26,250/\$8,750) Replace A46 (2003 GMC 1500 pickup with 70,000 miles) with new 4x4 ½ ton crew cab pickup. A46 is 18 years old, is a RWD pickup making it horrible to drive in icy or snow conditions, and many parts such as the brake booster are only available on GM classic parts website.				
199	9210 - 1881					15,750.00
		\$21,000 (\$15,750/\$5,250) - Install an automatic gate operator at the O&M equipment yard.				
199	9210 - 1883					123,750.00
		\$125,000 Phone System replacement for all divisions. \$40,000 Network Switch replacement Admin/Eng, O&M, & Water Reclamation.				
9220	CONSTRUCTION WORK IN PROGRESS					
199	9220 - 81033					225,000.00
		Replace RTU's with nonproprietary RTU's. Phase two of four phases, Completion of 24 sites per year for phases 2-4. In house design and partial in house construction. Water-sewer split of 85% water, 15% sewer is based on site count and construction costs. Average site cost is about \$10,830. Total cost per year for phases 2-4 of \$260,000.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
WATER					
199	9220 - 82019				3,000,000.00
		Design and Construct Crystal Bypass. Crystal Bypass Project \$3,000,000 project with 67% grant at \$2,010,000 and 33% loan at \$990,000.			
199	9220 - 82020				150,000.00
		Extend fiber optics three miles from Keystone to Rob Roy. This replace existing copper and is needed as a result of the 2020 Mullen Fire.			
199	9220 - 83062				160,000.00
		Four wells will need upgrades to pumps, variable frequency drives and electrical after making valving changes at Round Top Storage Tank that allows water from the Federal Well Field to be delivered to King II Storage Tank. The modifications are needed due to higher water pressures in the Federal well Field Line. These wells are Bell 16, Bell 25, Merritt 8 and Merritt 9. Estimated at \$40,000 per well.			
199	9220 - 84054				30,000.00
		Reimburse oversized water mains with an anticipated \$370,000 carryforward to maintain \$400,000.			
199	9220 - 84084				412,500.00
		Whitney Road: Construct 1,500 feet of 12" water main in Whitney Rd from Dell Range to Highway 30 prior to WYDOT road construction project			
199	9220 - 84085				270,000.00
		Ridge x Nationway: Replace 750' of existing 8" ductile iron pipe installed in 1958 in the intersection of Ridge Rd and Nationway in conjunction with the City's project to reconstruct the intersection.			
199	9220 - 86056				200,000.00
		Engineering and design services for a hypochlorite disinfection system to replace the chlorine disinfection system used the water treatment plant. The water treatment plant currently uses chlorine gas to disinfect water. While staff are very careful with it's use, there is an inherent risk that the chlorine tanks or feed system could leak. A leak would be dangerous to staff working at the plant and to people and animals in neighboring properties. A hypochlorite system produces chlorine in a liquid form by separating chlorine from			

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
WATER	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
	table salt (sodium chloride) using electricity. It is safer to use for both operators and neighboring properties. It will also lower pH less than chlorine, so treated water will require less pH adjustment.			
199	9220 - 86064			650,000.00
	<p>Project rehabilitates Floc Tank 2. After 19 years of use, the epoxy coating on the tank walls is delaminating and the mixing equipment is starting to corrode. Floc Tank 1 was rehabilitated in FY19. Floc Tank 3 in FY20. Floc Tank 2 was scheduled for rehabilitation in FY21, but due to budget and scheduling conflicts, was not started. Floc Tank 2 indicate project budget should be \$650,000. Work includes</p> <ul style="list-style-type: none"> -Remove mixing equipment -Remove epoxy coating from walls, floor and effluent channel. -Apply a mortar finish to the walls. -Apply a new epoxy coating. -Purchase and install replacement mixing equipment. 			
TOTAL NONOPERATING			6,450,500.00	
TOTAL WATER			1,708,380.00	
TOTAL REVENUE			-21,911,200.00	
TOTAL EXPENSE			23,619,580.00	
GRAND TOTAL			1,708,380.00	

** END OF REPORT - Generated by Ashley Miller **

Revenues:	\$21,911,200
Total Loan/Grant Proceeds:	3,000,000
Total Revenue:	24,911,200
Less Total Expenses:	23,619,580
Total Excess of Revenue:	1,291,620
Excess revenues will be reverted to the general fund reserves.	

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER				

00	UNDEFINED
4110	RESIDENTIAL
200	4110 -

-7,550,000.00

Revenue based on 1,164,851,300 consumption for FY 2022. FY 2020's consumption was 1,157,575,000. The Board anticipate a \$155,000 annual increase in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022.

4120	COMMERCIAL
200	4120 -

-2,350,000.00

Revenue based on 422,944,200 consumption for FY 2022. FY 2020's consumption was 420,326,000. The Board anticipate a \$50,000 annual increase in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022.

4130	INDUSTRIAL
200	4130 -

-780,000.00

Revenue based on 150,057,600 consumption for FY 2022. FY 2020's consumption was 297,092,000. The Board anticipate a \$920,000 annual decrease in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. The operational change at Holly Frontier contribute to the significant loss in revenue.

4150	WARREN AIR FORCE BASE
200	4150 -

-490,000.00

Revenue based on 93,953,500 consumption for FY 2022. FY 2020's consumption was 97,337,000. The Board anticipate a \$20,000 annual increase in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST
SEWER				2022 Admin Mngr
4160	SOUTH CHEYENNE WATER & SEWER			
200	4160 -			-1,500,000.00
Revenue based on 302,934,700 consumption for FY 2022. FY 2020's consumption was 355,843,000. The Board anticipate a \$200,000 annual increase in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual increase.				
4170	OUTSIDE CITY SERVICES			
200	4170 -			-172,000.00
Revenue based on 33,168,800 consumption for FY 2022. FY 2020's consumption was 26,274,000. The Board anticipate a \$128,000 annual decrease in revenues from FY 2021's set budget based on consumption totals with a 5.0% rates increase effective January 1, 2022. Actual revenues from previous years affected the projections and contributed to the annual reduction.				
4191	RECLAMATION EFFLUENT			
200	4191 -			-500.00
Reclamation effluent revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$200 decrease in revenues from FY 2021's set budget.				
4210	PENALTIES			
200	4210 -			-110,000.00
Penalties mostly consists of late fee charges and fines related to influent regulations. Penalties are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$20,000 decrease in revenues from FY 2021's set budget.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

4220 TAP FEES
200 4220 -

-22,000.00

Tap fees are the costs associated with installation of sewer service lines into the sewer mains. Tap fees are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a \$3,000 decrease in revenues from FY 2021's set budget.

4230 MISCELLANEOUS
200 4230 -

-80,000.00

Miscellaneous are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a increase of \$66,000 in revenues from FY 2021's set budget.

4231 MATERIAL & LABOR
200 4231 -

-5,500.00

Material and labor revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a decrease of \$2,800 in revenues from FY 2021's set budget.

4233 EQUIPMENT & LAND RENTAL
200 4233 -

-4,000.00

Equipment and land rental revenues are for the rent of specialized equipment to third parties, such as Warren Air Force Base, to perform repair work. Equipment and land rental revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a decrease of \$4,000 in revenues from FY 2021's set budget.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
SEWER									
				VENDOR	QUANTITY	UNIT COST	2022	Admin	Mngr
4234	ENGINEERING/INSPECTION								
200	4234 -								-25,000.00
Engineering and inspection revenues are mainly from inspection of new installed mains done by developers. Engineering and inspection revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a decrease of \$5,000 in revenues from FY 2021's set budget.									
4235	SEPTIC WASTE								
200	4235 -								-240,000.00
Septic waste revenue is generated by charges to local septic haulers. Septic waste revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates an increase of \$15,000 in revenues from FY 2021's set budget.									
4236	LIQUID INDUSTRIAL WASTE								
200	4236 -								-40,000.00
Liquid waste revenue is generated by charges to local septic haulers from restaurants' grease traps and select manufacturing firms with waste discharge not allowed to go into the sewer system. Liquid waste revenues are based on five year averages and actual revenues from previous years. Based on projections the Board anticipates a decrease of \$15,000 in revenues from FY 2021's set budget.									
TOTAL UNDEFINED							-13,369,000.00		

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER				
30 GENERAL				
5120 FULL TIME STAFF				
230 5120 -				100,000.00
Budget for O&M Manager, Resource Supervisor, Support Services Coordinator, Inventory Control Specialist, and two Dispatch Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.				
5130 TEMPORARY WAGES				
230 5130 -				2,000.00
\$8,000 (\$6,000/\$2,000) Temporary summer help for yard maintenance at O&M and Admin. facilities.				
Note: Funding split 75% water fund and 25% sewer fund.				
5140 OVERTIME				
230 5140 -				15,000.00
For emergency maintenance calls 24 hours a day, 7 days a week.				
5190 DUTY TRUCK				
230 5190 -				20,000.00
\$40,000: Split 50%/50% - after hour calls in Distribution, Collection, and Reuse systems. On-call duty chief at \$2.50 per hour and two on-call utility operators at \$1.50 per hour.				
5310 ELECTRIC & GAS				
230 5310 -				14,700.00
Monthly gas and electric for all O&M facilities.				
Note: Funding split 75% water fund and 25% sewer fund.				

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
SEWER			VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
5311	ELECTRIC- PUMPING					
230	5311 -					31,500.00
	Current power rates for Goodman, Pointe I and Pointe II, Visitors Center, Thomas Heights, North Cheyenne Park, Summit, and Southern Lift Stations.					
5320	TELEPHONE SERVICE					
230	5320 -					5,500.00
	Telephone service for O&M division including crew chief cell phones as well as data plan for field tablets.					
5340	REGISTRATION, FEES, DUES					
230	5340 -					10,000.00
	To maintain DEQ certifications, professional licensing & memberships, traffic safety, confined space, annual asbestos awareness renewal, Supervisory training, and advancement training for O&M.					
5341	TRAVEL, LODGING, MEALS					
230	5341 -					5,000.00
	Travel, lodging and meal expenses for training, conferences and over night stays for O&M employees.					
5410	OFFICE & GENERAL SUPPLIES					
230	5410 -					4,000.00
	Supplies such as notebook paper, pens, markers, etc.					
	Note: Funding split 75% water fund and 25% sewer fund.					

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5414 SAFETY SUPPLIES

230 5414 -

6,100.00

Barricades, lights, gas detection sensors, batteries, safety vests, hard hats, gloves, cold weather gear, rubber boots, first aid supplies, fire extinguisher, and other PPE. Miscellaneous sign replacement and repair. Type I barricades w/ lights.

Note: Funding split 75% water fund and 25% sewer fund.

5415 EMPLOYEE SAFETY CLOTHING

230 5415 -

5,400.00

\$5,550 (\$3,225/\$2,325) - Safety toe boot program for designated positions at \$150 a pair. \$6,500 (\$3,500/\$3,000) - Safety/outdoor clothing replacement allowance as needed at \$200 per person for distribution, collection, and traffic safety. A reduced amount for mechanics, inventory, and meter techs at \$100 per person.

5432 BUILDINGS & STRUCTURES

230 5432 -

2,000.00

\$2,000 - To maintain facilities including the lift stations.

5433 SMALL TOOLS

230 5433 -

40,000.00

Collection crews replace sewer jet hose and sewer cleaning equipment on a regular basis. This includes replacement of small tools associated with the jets, motor replacement on root cutters, demolition saw blades, and safety items required on the job site/location.
Items split 75%/25%: \$900 (\$600/\$300) vehicle diagnostic scanner software update for Snap On scanner, \$1,800 (\$1,350/\$450) Navistar (annual) OEM diagnostic software, \$1,600 (\$1,200/\$400) Paccar (one time

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	
		purchase) OEM diagnostic software, \$1,000 (\$750/\$250) Nexiq Link cable for replacement laptop, \$4,500 (\$3,375/\$1,125) annual online subscription for large and small vehicle service parts and troubleshooting data for mechanics.				
5435	RECLAMATION					
230	5435 -					35,000.00
		Costs of slurry, concrete and road base, which provides a safe working environment on the job site, and returns the job site to its original configuration.				
5443	COLLECTION MAINS					
230	5443 -					60,000.00
		Increased video inspections have located and identified several point repairs needed on the collection system. Parts & repairs to video inspection camera. Anticipate additional point repairs from increased root cutting.				
5450	SCADA & INSTRUMENTATION					
230	5450 -					3,000.00
		Repairs to SCADA and monitoring equipment.				
5460	CHEMICALS					
230	5460 -					5,000.00
		Root treatment, degreasing the sewer mains and lift stations. Problem areas are put in a preventive maintenance program.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5470 VEHICLES GAS & OIL
230 5470 -

50,000.00

Fuel, gas, and oil for vehicle/equipment fleet. The City anticipates a 60% increase for gasoline and will pass along price increases.

Note: Funding split 75% water fund and 25% sewer fund.

5471 VEHICLES REPAIRS & MAINT
230 5471 -

47,000.00

Repairs to equipment required to maintain the Board's fleet.

Note: Funding split 75% water fund and 25% sewer fund.

5510 GENERAL CONTRACTUAL
230 5510 -

162,650.00

1. \$3,000 - Maintenance agreement for video inspection software updates.
2. \$3,000 - Maintenance and repair for camera/video equipment.
3. \$20,000 - Problem areas are located through video inspection and repaired by O&M crews. However, sewer mains vary in depth (8ft-20ft+) and equipment at shop cannot reach to repair the main. Therefore, contractors may need to be hired to repair, reline or replace mains. The condition of clay tile main at the joints and laterals can be bad.
4. \$120,000 - Chemically treat sewer mains throughout areas of the city in the Collection system. Costs for root control are 6"-8" - \$1.56 per linear foot, 10" - \$1.86 per linear foot, 12" - \$2.02 per linear foot, 15" - \$2.83 per linear foot.
5. \$15,000 - Asphalt repair during winter season for excavations in the street. Repairs on the Collection system designated as non-emergency requires hot asphalt mix to be replaced in holes.
6. \$6,600 (\$4,950/\$1,650) - office mat cleaning and uniform cleaning for mechanics.

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY									
ACCOUNTS FOR:									
SEWER				VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr		
5530	EQUIPMENT								
230	5530 -							2,400.00	
Copier rental and repairs to equipment. Alarm system access control maintenance. Annual crane inspection/certification - \$1,500 (\$1,125/\$375). Two-way radio communication tower site rental (5% increase annually per agreement) - \$3,500 (\$2,625/\$875).									
Note: Funding split 75% water fund and 25% sewer fund.									
5540	BUILDINGS & STRUCTURES								
230	5540 -							5,000.00	
\$5,000 - Maintenance and repairs to buildings and lift stations.									
5541	LAND LEASES								
230	5541 -							10,300.00	
Railroad property annual lease with UPRR/BNRR for parking and sewer easements.									
TOTAL GENERAL								641,550.00	

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER					
31	SUPPORT STAFF				
5120	FULL TIME STAFF				
231	5120 -				157,000.00
Budget for Support Service Supervisor, Backflow Prevention Tech., three Meter Maint. Techs., two Mechanics, Safety Traffic Control Specialist, Safety Traffic Control Tech., and two Facilities Maintenance Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.					
TOTAL SUPPORT STAFF					157,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
32 Utility Staff				
5120 FULL TIME STAFF				
232 5120 -				819,000.00
Budget for Utility Supervisor and 14 Utility System Operators. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors. Includes DEQ certifications \$11,200.				
TOTAL Utility Staff				819,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

40	GENERAL				
5120	FULL TIME STAFF				
240	5120 -				204,000.00

Budget for Engineering Manager, Capital Projects Supervisor, Project Engineer II, Project Engineer I, Control System Supervisor, Control Systems Engineer, Controls System Specialist/Electrician and two Instrumentation Technicians. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

5140	OVERTIME				
240	5140 -				3,750.00

\$6,000 for Instrumentation staff and \$6,000 for Inspection staff (split 75% water and 25% sewer).

5320	TELEPHONE SERVICE				
240	5320 -				3,000.00

Telephone service for cell phones and data plans (75% water and 25% Sewer).

5340	REGISTRATION, FEES, DUES				
240	5340 -				4,000.00

Professional engineering license, professional organization memberships, and registration fees for training (75% water and 25% sewer).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
SEWER	VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5341 TRAVEL, LODGING, MEALS			
240 5341 -			4,000.00
Travel, lodging and meals expense for training and over night stays (75% water and 25% sewer)			
5410 OFFICE & GENERAL SUPPLIES			
240 5410 -			2,000.00
\$1900 Office Supplies, \$600 - Boots for Inspection, \$3000 - Instrumentation arc flash and winter gear, \$2500 - Hats for Stats (75% water and 25% sewer).			
5433 SMALL TOOLS			
240 5433 -			2,400.00
\$3,750 - New Locator, \$750 - Testing Equipment, \$500 - Paint for Locates, \$750 - Calcium Thiosulfate, \$750 - Power Tools, \$3000 - Instrumentation (75% water and 25% sewer).			
5480 GIS CO-OP PROJECTS			
240 5480 -			15,500.00
\$22,400 - ESRI Enterprise Agreement, \$500 - ESRI Drone2Map, \$600 - GPS Reference Station Maintenance, \$750 - Eagle View Software, \$9,000 - Hardware Sharing MOU, \$28,000 - 1/3 GIS Coop Coordinator Salary and Benefits, \$700 - 1/3 GIS Coop Coordinator training and travel, \$200 - UAS Program Replacement Parts (75% water and 25% sewer).			
5510 GENERAL CONTRACTUAL			
240 5510 -			70,000.00
\$240,000 - Locator Services, \$20,000 - Drafting Services, \$8,000 - SCADA Professional Services, \$8,000 - One Call of Wyoming, \$1,500 - Copier Rental, \$2,500 -			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
Misc (75% Water and 25% Sewer).			

5531 SYSTEM MAINTENANCE CONTRACTS
240 5531 -

10,000.00

\$16,700 - Intellution (SCADA) maintenance contract,
\$6,700 - PI maintenace contract, \$5,200 - Allen Bradley
PLC maintenance contract, \$800 - Motorola Toolbox, \$400
- MicroPLC programing software, \$600 - Trimble
maintenance contract, \$3,200- 2 AutoCAD Seats, \$3,400 -
Innovyze, \$1,500 - Bluebeam (3 new) (75% Water and 25%
Sewer).

TOTAL GENERAL

318,650.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
41	GIS			
5120	FULL TIME STAFF			
241	5120 -			55,000.00
<p>Budget for GIS Coordinator, GIS Specialist and GIS Analyst/Programmer. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL GIS				55,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
42	UTILITY INSPECTION			
5120	FULL TIME STAFF			
242	5120 -			84,000.00

Budget for Utility Inspector Supervisor, three Utility Construction Inspectors and Development Specialist. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL UTILITY INSPECTION

84,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	
50	GENERAL					
5110	BOARD MEMBERS					
250	5110 -					1,500.00
Board Member compensation is split 50/50 between the water and sewer fund.						
5120	FULL TIME STAFF					
250	5120 -					169,000.00
Salaries for Director, Administration Manager, Human Resource Manager and part-time Human Resource Assistant, Administrative & Public Affairs, Safety/Security Officer, Accounting Supervisor and Accountant. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.						
Note: Funding split (75% water fund and 25% sewer fund).						
Note: Funding split (75% water fund and 25% sewer fund).						
5140	OVERTIME					
250	5140 -					500.00
Overtime for non-exempt employees. Overtime for non-exempt employees is anticipated to be significant due to permitting and utility billing software conversion.						
Note: Funding split (75% water fund and 25% sewer fund).						
5210	COMP TIME ACCRUED					
250	5210 -					13,400.00
Non-exempt full and part-time employees are eligible to earn and use compensatory time upon employment. Compensatory time may be earned in lieu of overtime and callback wages. Upon termination compensation time is						

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY

UNIT COST 2022 Admin Mngr

paid to employees but no more than 120 hours.

Note: Funding split (75% water fund and 25% sewer fund).

5211 SICK TIME ACCRUED

250 5211 -

53,600.00

Sick leave hours will be used if an employee is absent from regularly scheduled work due to illness or injury. Sick leave may be used by an employee to care for an ill or injured immediate family as defined in policy. Sick leave may be used for routine visits to a physician, dentist, or other providers of medical services for employee or immediate family as defined in policy.

Note: Funding split (75% water fund and 25% sewer fund).

5212 VACATION ACCRUED

250 5212 -

80,900.00

Vacation leave hours accrued is based on months of service and the number of hours worked in a month. Employees will not be allowed to accumulate vacation leave in excess of 240 hours during the calendar year. The maximum carry over to a new calendar year is 240 hours and at calendar year-end hours above 240 will be forfeited. Upon termination of employment an employee is paid accrued, unused, vacation balance.

Note: Funding split (75% water fund and 25% sewer fund).

5220 FICA/MEDICARE TAXES

250 5220 -

217,000.00

FICA and Medicare taxes are split between water and sewer based on actual wages. The Social Security rate is 6.2% and Medicare rate is 1.45%.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST
SEWER			2022 Admin Mngr

5221 WORKERS COMPENSATION

250 5221 - 69,800.00

July 2021 effective rate is \$0.0225 per \$100.

Note: Funding split (75% water fund and 25% sewer fund).

5222 UNEMPLOYMENT COMPENSATION

250 5222 - 700.00

Cost coverage for potential unemployment claims.

Note: Funding split (75% water fund and 25% sewer fund).

5230 EMPLOYEE INSURANCE

250 5230 - 1,365,000.00

Insurance premiums for the benefit of employees with a 15% increase due to claim history.

Note: Funding split (75% water fund and 25% sewer fund).

5231 WYOMING RETIREMENT

250 5231 - 435,000.00

Employer's share is 9.37% and 6.75% is the employee's share.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5232 DEFERRED COMPENSATION
250 5232 -

12,400.00

\$25.00 match per month for employees who participate in either the WRS or Valic deferred compensation plans.

Note: Funding split (75% water fund and 25% sewer fund).

5239 OTHER EMPLOYEE BENEFITS
250 5239 -

1,700.00

Funding for the employee assistance program with Aetna Behavioral Health LLC.

Note: Funding split (75% water fund and 25% sewer fund).

5240 EMPLOYEE RECOGNITION
250 5240 -

1,900.00

Funds for recognition of outstanding work performance (\$2,900); years of service awards (\$1,500); annual and quarterly meeting expenses (\$3,000).

Note: Funding split (75% water fund and 25% sewer fund).

5242 EMPLOYEE WELLNESS PROGRAM
250 5242 -

2,000.00

Funds wellness challenges and bio-metric screening for employees to encourage greater productivity, reduce work related ill-health, injuries, and insurance costs through incentives to improve worker health.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5310 ELECTRIC & GAS				
250 5310 -				14,200.00
Gas and electrical charges for the Administration building.				
Note: Funding split (75% water fund and 25% sewer fund).				
5320 TELEPHONE SERVICE				
250 5320 -				2,300.00
CenturyLink administration fax line and phone system backup line (\$1,000), Verizon cell phone and iPad data service (\$4,500), and InContact Inc. long distance service (\$3,600).				
Note: Funding split (75% water fund and 25% sewer fund).				
5340 REGISTRATION, FEES, DUES				
250 5340 -				5,000.00
Memberships and dues for various registrations for training, conferences, and workshops. Some dues include: AWWA \$3,655; American Society of Engineers \$260; GFOA \$1,045; Rural Water \$350; RMWEA \$325; Wyoming Water Association \$500; Mountain States Employer's Council \$4,000. Training would include on-site supervisory training through Mt. States, Administrative staff training, and conference for required continuing education credits for specific Administration staff.				
Note: Funding split (75% water fund and 25% sewer fund).				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5341 TRAVEL, LODGING, MEALS

250 5341 -

1,400.00

Travel, meals, and lodging for Administration staff for education and training at workshops, seminars, and conferences (safety, security, human resources, accounting, financial, AWWA, and MSEC).

Note: Funding split (75% water fund and 25% sewer fund).

5350 POSTAGE

250 5350 -

33,400.00

Postage for bills, notices, checks, letters, and packages. Includes mailing for public relations and water conservation of \$1,800 and \$1,000 for post office box caller service.

Note: Funding split (75% water fund and 25% sewer fund).

5360 ADVERTISING/PUBLIC RELATIONS

250 5360 -

8,000.00

Drought response \$5,000 (100% water 150), the Board's share of the website hosting fees with OpenCities \$2,325, advertising space, promotional materials, and marketing services to include \$5,000 sewer backups (100% sewer 250); \$575 for booths, inserts, door hangers, misc. outreach; \$1,750 (give a ways).

Note: Funding split (75% water fund and 25% sewer fund).

5391 BAD DEBT EXPENSE

250 5391 -

8,000.00

Bad debt expense related to noncollectable water and sewer customers which are more than three years old and previously placed in collections, bankruptcy, or

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER		deceased.			

5410 OFFICE & GENERAL SUPPLIES

250 5410 - 9,000.00

General office supplies for Administration.

Note: Funding split (75% water fund and 25% sewer fund).

5411 PRINTING & FORMS

250 5411 - 2,000.00

Billing invoices and miscellaneous printed material and forms.

Note: Funding split (75% water fund and 25% sewer fund).

5414 SAFETY SUPPLIES

250 5414 - 700.00

Safety supplies and equipment to include hard hats, eye protection, first aid kits and supplies, and other safety related equipment and maintenance including WYO-Link Radios.

Note: Funding split (75% water fund and 25% sewer fund).

5510 GENERAL CONTRACTUAL

250 5510 - 33,800.00

Funding for contractual services to include: financial audit, collection services, mat services, lawn maintenance for the Administration building, health insurance brokerage services - 3% increase, pre-employment screenings, building security, and building safety agreements.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

fund).

5530 EQUIPMENT

250 5530 -

2,700.00

Copier (\$2,500) and postage meter rentals (\$7,500), maintenance contracts on mail machine (\$675), mail opener, scale, and check disburser/bill inserter.

Note: Funding split (75% water fund and 25% sewer fund).

5540 BUILDINGS & STRUCTURES

250 5540 -

5,700.00

Maintenance and repairs to include climate control maintenance at Administration building; elevator maintenance; security system maintenance; and miscellaneous repairs.

Note: Funding split (75% water fund and 25% sewer fund).

5550 INSURANCE

250 5550 -

207,000.00

Property and automobile comp/collision (\$502,000) 35% increase estimated rate based on WARM information; commercial general liability (\$168,000) 35% increase estimated rate based on WARM information; boiler and machinery, public employees blanket bonds, customer service and accounting blanket bonds; inland marine coverage, public errors and omissions, and crime.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5551	LEGAL, CLAIMS, SETTLEMENT			
250	5551 -			13,500.00
Expenses for contracted attorney, risk management services through the city and payment of other legal services and claims.				
Note: Funding split (75% water fund and 25% sewer fund).				
TOTAL GENERAL				2,771,100.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

60	GENERAL
5140	OVERTIME
260	5140 -

100.00

Overtime for nonexempt employees, information technology, customer service and meter information.

Note: Funding split (75% water fund and 25% sewer fund).

5330	NETWORK COMMUNICATION LINES
260	5330 -

11,000.00

CenturyLink Administration phone lines for fire alarms, security system, and elevators (\$4,000/YR), CenturyLink T1-DS1 1.5Mbps data lines at Dry Creek/Crow Creek/Sherard (\$13,000/YR), CenturyLink internet service (\$14,500), Charter internet service for backup/resiliency (\$2,700), CenturyLink T1-PRI voice line (\$8,000/YR), Verizon Cellular Data charges & Black Hills Power charges for Neptune Gateways (\$1,800/YR).

Note: Funding split (75% water fund and 25% sewer fund).

5340	REGISTRATION, FEES, DUES
260	5340 -

2,000.00

IT training/education, KnowBe4 Cyber Security training (\$2,500), Water Conservation training & presentations, Customer Service training, and MIT training. Due to COVID this training was reduced by 50%. It will increase once it is safe to return to in-person training and events.

Note: Funding split (75% water fund and 25% sewer fund).

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5341	TRAVEL, LODGING, MEALS			
260	5341 -			400.00
<p>Travel expenses for IT, Water Conservation, Customer Service, and MIT related to training, continuing education, meetings, and conferences.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
5342	AUTO MILEAGE			
260	5342 -			1,400.00
<p>Meter Reader allowance \$9.50 per day.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
5413	CONSERVATION SUPPLIES			
260	5413 -			300.00
<p>Educational Materials \$200, Demonstration Garden Maintenance (maintenance and signage) \$300, Science Fair Awards \$250 and Misc. \$250.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
5420	INFORMATION TECH SOFTWARE			
260	5420 -			23,300.00
<p>\$10,000 for Misc software licenses & expenses benefiting all divisions (i.e. FoxIt for PDF conversion, Microsoft Windows 10 Licenses, New Cyber Security Software). Master Plan Vol. 10 - \$50,700 for Microsoft Office 365 & Data Center Server licenses (140 0365 licenses, four Data Center Server licenses, two Standard Server licenses, two SQL Server Standard licenses, 140 Core Client Access licenses, five Visio licenses). To better support their software, Neptune is transitioning all of their customers to a hosted</p>				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
software environment (cloud-based). In addition to providing upgraded capabilities, the hosted system will free IT staff from maintaining a physical server, and it will provide improved functionality for Customer Service and others who need access to meter data for analysis. (\$27,000). \$5,000 for Fleet Maintenance software system to replace HTE Fleet Maintenance package.			

Note: Funding split (75% water fund and 25% sewer fund).

5421 INFORMATION TECH SUPPLIES
260 5421 -

20,000.00

\$8000 for Misc IT peripherals & accessories for all divisions (Cables, power supplies, converters, batteries, keyboards, mice, cases, UPS battery backups, monitors, network devices, USB storage devices, magnetic backup tapes, etc.): \$28,000 for Printer supplies (toner, ribbons, ink cartridges, photo conductors, fusers, maintenance kits, etc.).

\$22,000 for New computers to replace 6-year & older computers for: Engineering - 4 @ \$3500 (GIS), 2 @ \$2000 (Permit Technician, Control Systems Engineer). 2 Laptop computers for Water Treatment Manager & Water Reclamation Manager @ \$2000 ea.

\$20,000 to replace 6-year and older network switches & routers within various locations in all divisions.

Note: Funding split (75% water fund and 25% sewer fund).

5433 SMALL TOOLS
260 5433 -

400.00

Vests, Shoes and Clothing (rain and snow gear) for Meter Information Group and Misc. tools for I.T.

Note: Funding split (75% water fund and 25% sewer fund).

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
SEWER		VENDOR	QUANTITY UNIT COST 2022 Admin Mngr
5510	GENERAL CONTRACTUAL		
260	5510 -		10,500.00
<p>\$3,000 for Miscellaneous Services (Bid Advertisements, FCC License Monitoring, Shipping fees via Fedex, UPS, etc.), \$300 for wyoming.com Internet Service Provider domain management, \$35,000 for Professional Services (Network engineering, Consulting, Server Software Configuration, Data Migration).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5531	SYSTEM MAINTENANCE CONTRACTS		
260	5531 -		4,500.00
<p>\$1,500 for GIS Plotter maintenance, \$600 for IBM 4247 Forms Printer, \$14,000 for Neptune meter reading equipment & gateway maintenance, \$500 for Network switch/router maintenance, \$1,400 for other misc equipment maintenance (printers, phone system, network switches, etc.).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5532	SYSTEM MAINTENANCE REPAIRS		
260	5532 -		1,400.00
<p>Replace or repair failed out of warranty technology (i.e. PC's, Printers, Monitors, iPads, etc.).</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>			
5533	SOFTWARE MAINTENANCE		
260	5533 -		33,000.00
<p>Annual software maintenance & support for: \$65,000 Tyler Munis, \$52,000 Superion (Needed for all modules during transition to Tyler Munis), \$1,600 for Linko</p>			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

SEWER

VENDOR QUANTITY

UNIT COST 2022 Admin Mngr

software (Industrial pre-treatment), \$3,000 for
worksright (zip codes for billing system), \$1,800 for
XC2 Backflow Software (O&M), \$2,000 for Webroot
Anti-virus, \$4,500 for ACOM Document Mgt (pdf utility
bills), \$800 for HelpSystems Report Splitter (used by
ACOM), \$800 for FlowPoint Water Salesman, \$2,800 Hach
WIMS (Water Info Mgt System used by Water Reclamation),
\$1,500 for IWATSU phone & voicemail system, \$900 for
Quatred Scanning System (O&M), \$2,800 for Other misc
software.

Note: Funding split (75% water fund and 25% sewer
fund).

TOTAL GENERAL

108,300.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
61	IT			
5120	FULL TIME STAFF			
261	5120 -			92,000.00
<p>Information Technology Supervisor, Network Administrator, Data Base Administrator, IT Specialists, and IT Operator/Trainer. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL IT				92,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

62 CUSTOMER SERVICE

5120 FULL TIME STAFF

262 5120 -

95,000.00

Customer Service Supervisor, two Customer Service Leads, four Customer Service Representatives and one part-time Customer Service Representative. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL CUSTOMER SERVICE

95,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
63	METER INFO TECH			
5120	FULL TIME STAFF			
263	5120 -			59,000.00
<p>Meter Information Supervisor and three Meter Information Technicians and a temporary employee. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.</p> <p>Note: Funding split (75% water fund and 25% sewer fund).</p>				
TOTAL METER INFO TECH				59,000.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

64 WATER CONSERVATION & PR

5120 FULL TIME STAFF

264 5120 -

21,000.00

Water Conservation Specialist. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.

Note: Funding split (75% water fund and 25% sewer fund).

TOTAL WATER CONSERVATION & PR

21,000.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:					
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
80	GENERAL				
5120	FULL TIME STAFF				
280	5120 -				425,000.00
		Water Reclamation Manager, Administration Assistant (split 50/50 between water and sewer), two Plant Supervisors, Industrial Pretreatment Coordinator, Industrial Pretreatment Program (IPP) Assistant, Office/Lab Compliance Program Assistant and Bio-solids Program Coordinator. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.			
5130	TEMPORARY WAGES				
280	5130 -				4,000.00
		Temporary grounds keeper for Dry Creek and Crow Creek WRFS			
5140	OVERTIME				
280	5140 -				1,000.00
		Compensation for overtime for nonexempt employees			
5340	REGISTRATION, FEES, DUES				
280	5340 -				12,000.00
		Training for CEUs for wastewater operator certifications. \$2,000 for IPP R8PA conference and CIPCA conference (four people). \$1,400 for annual Biosolids program conference. \$1,800 for one Manager and two Supervisors to attend Mountain States Employers Council training. \$6,800 for American Water College (AWC) training for new operators. Each new operator will pursue their level 4 certification and AWC training costs between \$750-\$900 per person.			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5341 TRAVEL, LODGING, MEALS
280 5341 -

6,000.00

\$2,500 for two employees to attend Biosolids conference. \$3,500 for 15 WR O&M employees to attend DEQ/EPA conferences/webinars

5417 IPP SUPPLIES
280 5417 -

10,900.00

Tubing - Discharge, Pump and Liners (increased due to extra sample points) - \$2,500
Purchase 1 new autosamplers to replace older and unreliable samplers - \$2,500
Purchase 2 replacement control assembly for autosamplers - \$3,200
Replacement batteries for samplers 2 portable, 2 plugin - \$1,100
Dessicant boxes and dessicant for 4 samplers - \$80
Dipper cups for OWS - \$200
Sludge Judge for OWS - \$150
pH Meter for OWS - \$200
Postage for survey (increase due to number and postage increase) - \$500
Storage Boxes to archive older files and organize the vehicle - \$200
Cleaning supplies for equipment - \$150
Gloves - \$120

5471 VEHICLES REPAIRS & MAINT
280 5471 -

21,000.00

Maintenance and repair in Brown Bear - \$7,000
Wyoming Machinery Services for CAT 930M (D-68) - \$5,000
Wyoming Machinery 5 year/2500 hour extended warranty (powertrain/hydraulics) on CAT 930M - \$8,840

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
SEWER	VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
5510 GENERAL CONTRACTUAL			
280 5510 -			6,000.00
Admin Copier Service (increase in service contract) -\$700 Admin Copier Overages (0.159 color, 0.024 bw) (\$940.33 in 2020) (increase due to loss of printers) - \$2,000 Fire Extinguisher - \$600 DOT Drug Tests - \$500 Vaccinations - \$450 Medical Supplies - \$200 Ads - \$1,550			
TOTAL GENERAL			485,900.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
81	CROW CREEK			
5120	FULL TIME STAFF			
281	5120 -			93,000.00
Budget for two Plant Operators, Includes DEQ Certification and advancement. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.				
5140	OVERTIME			
281	5140 -			1,500.00
Compensation for overtime for nonexempt employees at Crow Creek WRF				
5310	ELECTRIC & GAS			
281	5310 -			375,000.00
Based on FY2020 consumption of electrical costs at Crow Creek WRF				
5320	TELEPHONE SERVICE			
281	5320 -			2,600.00
Regular telephone service - \$1,400; One plant cell phone - \$600; iPad charges - \$600				
5410	OFFICE & GENERAL SUPPLIES			
281	5410 -			750.00
General supplies for plant operation - \$750				

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NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
SEWER		VENDOR	QUANTITY UNIT COST 2022 Admin Mngr
5430	EQUIPMENT		
281	5430 -		85,500.00
	\$50,000 base budget for regular maintenance/emergency repairs for Crow Creek WRF. See list below for additional planned expenses in order of priority: 1. Generator repair/service/testing - \$3,500 2. Mixer repair on MBBR, Qty 3 at \$10,724.30/ea - \$ 32,000		
5432	BUILDINGS & STRUCTURES		
281	5432 -		2,000.00
	\$2,000 base budget for maintenance and repair of buildings and structures around Crow Creek WRF		
5433	SMALL TOOLS		
281	5433 -		1,500.00
	Small tools to perform routine maintenance		
5450	SCADA & INSTRUMENTATION		
281	5450 -		3,000.00
	Repairs to SCADA and monitoring equipment.		
5460	CHEMICALS		
281	5460 -		1,200.00
	Lime-Away for cleaning UV bulbs		

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:
SEWER

VENDOR QUANTITY UNIT COST 2022 Admin Mngr

5462 UV EQUIPMENT
281 5462 -

44,000.00

Consumable supplies to maintain the UV system at Crow
Creek WRF
Items Include
1. Qty 360 bulbs - \$11,000.00
2. Qty 40 ballasts - \$12,000.00
3. Qty 4 photocells sensors - \$8,000.00
4. Qty 5 DCA assembly boards - \$5,000.00
5. Qty 10 LCA assembly boards - \$6,000.00
6. Qty 5 fans for cooling - \$2,000.00

5510 GENERAL CONTRACTUAL
281 5510 -

17,700.00

Contract Services (fire system monitoring, quarterly
fire system inspections) - \$3,700
18 month Landia mixer service - \$14,000

TOTAL CROW CREEK

627,750.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY			
ACCOUNTS FOR:			
SEWER		VENDOR	QUANTITY UNIT COST 2022 Admin Mngr
82	DRY CREEK		
5120	FULL TIME STAFF		
282	5120 -		620,000.00
Budget for 13 Plant Operators and Maintenance personnel; includes \$13,400 for DEQ certification and advancement; \$3,400 for shift differential pay adjustments. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.			
5140	OVERTIME		
282	5140 -		5,000.00
Compensation for overtime for nonexempt employees for emergencies, safety meetings, training, and shift coverage.			
5310	ELECTRIC & GAS		
282	5310 -		460,000.00
Based on power consumption from FY2020			
5320	TELEPHONE SERVICE		
282	5320 -		10,700.00
Phone services \$5,900, six work cell phones \$3,600 & two iPads \$1,200			
5410	OFFICE & GENERAL SUPPLIES		
282	5410 -		14,500.00
Office supplies (paper products, pens, batteries, cleaning supplies, etc) (increase for printing forms without PO Box \$650) \$8,500 Ops work clothes (increase due to cost going up, expensive sizes)			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST
SEWER	\$6,000			2022 Admin Mngr

5414 SAFETY SUPPLIES

282 5414 - 10,100.00

- Safety related items including: gloves, hardhats, safety glasses, etc. \$2,000. Please see below for specific safety related items.
1. 10 cases of extra large nitrile gloves - \$1,750
 2. 10 cases of large nitrile gloves - \$ 1,750
 3. Safety toed footwear for nineteen personnel - \$ 2,850
 4. Safety toed water boots for personnel - \$ 750
 5. Two (2) RKI GX-3R gas monitors, \$461.13/ea - \$ 1,000

5430 EQUIPMENT

282 5430 - 174,000.00

- \$70,000 base budget for regular maintenance/emergency repairs for Dry Creek WRF. See list below for additional planned expenses in order of priority.
1. Generator yearly service repairs/testing - \$3,500
 2. Pressure transmitter for monitoring the digester pressure from SCADA - \$2,000
 3. Flow meter to replace failing meter on C1 feed line - \$3,000
 4. (2) vogelsang Vertical Turbine Pump (rotary lobe) with roto cuts \$15,350.00 each (SR1 & SR2) old and parts costly - \$30,700
 5. (2) Rotor/stator rebuild kits for RDT Polymer pumps units are failing and in need of replacement parts plus spare parts - \$3,380.32
 6. (2) Rotor/stator assemblies for Centrifuge polymer pumps existing units in need of repairs and spare parts - \$4,991.65
 7. Sludge flow meter for the raw sludge and RDT sludge for accurate readings to primary digester - \$3,200
 8. Flygt IFAS Recirculation pump DRP 3 went out, needs repairs only (1) unit operation for IFAS 2 at this time. No back up - \$24,667
 9. Dewatering Polymer mixing system part worn out need replacement parts - \$8,332.62
 10. PS3 replacement to Smart Stator, old pump failing and parts are obsolete. \$14,850
 11. Professional grade lawn mower, existing Husqvarna

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:					
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
		mower is in need of repair and most replacement parts are obsolete - \$5,000			
5432	BUILDINGS & STRUCTURES				
282	5432 -				5,000.00
		\$5,000 base budget for maintenance and repair of buildings and structures around Dry Creek WRF			
5433	SMALL TOOLS				
282	5433 -				5,000.00
		Small tools to perform routine maintenance, increase by \$1,500 for welding materials and supplies			
5436	EVAPORATION PONDS				
282	5436 -				12,000.00
		Kiln Dust to treat non-hazardous waste beds (grease beds) at CCWRF, \$1,300 per load at 3-4 loads per bed - \$12,000			
5450	SCADA & INSTRUMENTATION				
282	5450 -				4,000.00
		Repairs to SCADA and monitoring equipment.			
5460	CHEMICALS				
282	5460 -				115,000.00
		Polymer for thickening and dewatering, Lime-Away for cleaning UV bulbs - \$2,000			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER				
5462	UV EQUIPMENT			
282	5462 -			60,000.00
	Consumable supplies to maintain the UV system for Dry Creek WRF items Include:			
	1. Qty 520 bulbs - \$16,000.00			
	2. Qty 80 ballasts - \$22,000.00			
	3. Qty 4 photocells sensors - \$8,000.00			
	4. Qty 5 DCA assembly boards - \$5,000.00			
	5. Qty 11 LCA assembly boards - \$7,000.00			
	6. Qty 5 fans for cooling - \$2,000.00			
5470	VEHICLES GAS & OIL			
282	5470 -			11,000.00
	Fuel and Maintenance fluids for dump truck, brown bear, and heavy equipment. Fuel usage of the three standby generators. Fuel for hauling treated grease, sand interceptor and sewer clean-out waste to landfill - \$11,000			
5510	GENERAL CONTRACTUAL			
282	5510 -			12,650.00
	Contract Services (fire system monitoring, quarterly fire system inspections) - \$3,700			
	Ops Copier Rental (Lease & Base - \$106.90/mo=\$1283 in 2020) (increase due to contact price from IT) - \$1,300			
	Ops Copier Overages (\$591.24 in 2020) (increase due to loss of printers in Ops/admin) - \$750			
	Swift Comply (\$517 monthly)- increase due to delay in contact and also amount of manifests to enter - \$6,200			
	Vegetation Control - \$700			
TOTAL DRY CREEK				1,518,950.00

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
SEWER					
83	LABORATORY				
5120	FULL TIME STAFF				
283	5120 -				126,000.00
Budget for Laboratory Supervisor and one and half Senior Laboratory Technician. Includes market adjustments and a 3% proposed pay for performance raise dependent on future approval by Board of Directors.					
5140	OVERTIME				
283	5140 -				100.00
Compensation for overtime for nonexempt employees					
5340	REGISTRATION, FEES, DUES				
283	5340 -				2,000.00
Training for CEUs for ww laboratory staff, average cost for 1 CEQ equals \$30, need 24 CEUs total for recertification. 2 staff members at 48 CEUs = \$1,440					
5341	TRAVEL, LODGING, MEALS				
283	5341 -				1,500.00
Travel/lodging/meal expenses for ww laboratory staff					
5412	LABORATORY SUPPLIES				
283	5412 -				43,000.00
Laboratory consumable supplies (chemicals, glassware, tubing, standards and reagents) FY19 yielded a 111% expense on account, FY20 expense tracking much better					

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST 2022 Admin Mngr
SEWER				
5430	EQUIPMENT			
283	5430 -			24,500.00
	Top-Loading Balance (Lately getting very erratic readings (and Balance over 20 yrs old) - \$2,200 6-Way Valve (For FIA valves are over 7 years old) - \$3,200 ICP-MS Contract (A must, due to the age of the ICP-MS) - \$19,000			
5543	LABORATORY CONTRACTUAL			
283	5543 -			45,000.00
	Contract Lab - IPP & Biosolids (increase due to price increases \$5000 and \$10,000 for WET testing) - \$45,000			
TOTAL LABORATORY				242,100.00

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:		VENDOR	QUANTITY	UNIT COST
SEWER				2022 Admin Mngr
99	NONOPERATING			
8110	INTEREST- OPERATING			
299	8110 -			-50,000.00
Operating investment interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board does not anticipate any change in revenues from FY 2021's set budget.				
8130	INTEREST- DEBT SERVICE			
299	8130 -			-20,000.00
Debt Service interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$5,000 decrease in revenues from FY 2021's set budget.				
8140	INTEREST- SYSTEM DEVELOPMENT			
299	8140 -			-30,000.00
System development interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$7,000 increase in revenues from FY 2021's set budget.				
8150	INTEREST- CAPITAL			
299	8150 -			-3,000.00
Capital interest revenues are based on five-year averages and actual revenues from previous years. Based on projections the Board does not anticipate any change in revenues from FY 2021's set budget.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY				
ACCOUNTS FOR:				
SEWER	VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
8210 SYSTEM DEVELOPMENT FEES				
299	8210 -			-850,000.00
<p>System development fees are dependent on the local economy. System development fees are based on five-year averages and actual revenues from previous years. Based on projections the Board anticipates a \$250,000 increase in revenues from FY 2021's set budget.</p> <p>Note: Restricted funds</p>				
9110 INTEREST EXPENSE				
299	9110 - 203			271,600.00
Crow Creek/Dry Creek upgrade and expansion construction project. Total loan \$34,450,000; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2026. Principal \$2,066,700 and interest \$271,600.				
299	9110 - 204			31,000.00
WAFB relief line/Parsley line project. Total loan \$2,735,347; 20-year loan at 2.50%; payments are due September 1 with last payment due September 1, 2028. Principal \$144,000 and interest \$31,000.				
299	9110 - 206			1,500.00
Engineering design for new Administration/Engineering building. Total loan \$93,750; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$4,600 and interest \$1,500.				
299	9110 - 207			9,500.00
Engineering design for new Administration/Engineering building. Total loan \$619,911; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$30,500 and interest \$9,500.				

Cheyenne Board of Public Utilities



NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY					
ACCOUNTS FOR:					
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
299	9110 - 208				9,500.00
		Engineering design for new Administration/Engineering building. Total loan \$619,911; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$30,500 and interest \$9,500.			
299	9110 - 209				94,000.00
		Construction of new operations building and 2nd screening unit at Crow Creek Reclamation Plant. Total loan amount \$5,000,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2034. Principal \$227,000 and interest \$94,000.			
299	9110 - 210				30,000.00
		Engineering the Southern Sewer Interceptor Main phase I. Total loan amount \$1,300,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2038. Principal \$54,000 and interest \$30,000.			
299	9110 - 211				224,600.00
		Southern Sewer Interceptor Main phase I. Total loan amount \$9,900,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2038. Principal \$410,500 and interest \$224,600.			
9120	PRINCIPAL PAYMENTS				
299	9120 - 203				2,066,700.00
		Crow Creek/Dry Creek upgrade and expansion construction project. Total loan \$34,450,000; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2026. Principal \$2,066,700 and interest \$271,600.			
299	9120 - 204				144,000.00
		WAFB relief line/Parsley line project. Total loan \$2,735,347; 20-year loan at 2.50%; payments are due September 1 with last payment due September 1, 2028. Principal \$144,000 and interest \$31,000.			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

SEWER

		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
299	9120 - 206				4,600.00
		Engineering design for new Administration/Engineering building. Total loan \$93,750; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$4,600 and interest \$1,500.			
299	9120 - 207				30,500.00
		Engineering design for new Administration/Engineering building. Total loan \$619,911; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$30,500 and interest \$9,500.			
299	9120 - 208				30,500.00
		Engineering design for new Administration/Engineering building. Total loan \$619,911; 20-year loan at 2.50%; payments are due June 1 with last payment due June 1, 2032. Principal \$30,500 and interest \$9,500.			
299	9120 - 209				227,000.00
		Construction of new operations building and 2nd screening unit at Crow Creek Reclamation Plant. Total loan amount \$5,000,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2034. Principal \$227,000 and interest \$94,000.			
299	9120 - 210				54,000.00
		Engineering the Southern Sewer Interceptor Main phase I. Total loan amount \$1,300,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2038. Principal \$54,000 and interest \$30,000.			
299	9120 - 211				410,500.00
		Southern Sewer Interceptor Main phase I. Total loan amount \$9,900,000; 20-year loan at 2.50%; payments will be due December 1; last payment due December 1, 2038. Principal \$410,500 and interest \$224,600.			
9210	CAPITAL PURCHASES				
299	9210 - 1831				40,000.00
		Repair aeration blower and motor at Crow Creek. \$40,000			

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	
299	9210 - 1832				80,000.00	
		1. \$35,000 - Replace A77 (2009 Chevy Colorado w/144,000 miles) with a mid-size crew cab pickup. A77 is used by the Water Reclamation crew and is projected to exceed its targeted useful lifespan this year. 2. Repair aeration blower and motor at Dry Creek. \$45,000				
299	9210 - 1856				40,000.00	
		O&M: \$40,000 - Two chopper pumps to address rags at Pointe 2 Lift Station.				
299	9210 - 1857				20,000.00	
		Sewer meters for new development, change outs, and updates.				
299	9210 - 1870				32,500.00	
		1. \$55,000 - (\$41,250/\$13,750) Replace A76 (2009 Chevy 3500 crew cab pickup w/170,000 miles) with a new 1-ton 4x4 gas engine crew cab utility body pickup. A76 is used by Distribution crew, is experiencing multiple service issues, and is projected to reach 92% its targeted useful lifespan this year. 2. \$40,000 - (\$30,000/\$10,000) Replace A69 (2007 Ford F150 w/139,000 miles) with an all-wheel drive cargo van, with interior utility shelving. A69 is used by Meter Maintenance crew for meter installs and maintenance, is showing significant wear, and is projected to reach its targeted useful lifespan this year. 3. \$35,000 - (\$26,250/\$8,750) Replace A46 (2003 GMC 1500 pickup with 70,000 miles) with new 4x4 ½ ton crew cab pickup. A46 is 18 years old, is a RWD pickup making it horrible to drive in icy or snow conditions, and many parts such as the brake booster are only available on GM classic parts website.				
299	9210 - 1881				5,250.00	
		\$21,000 (\$15,750/\$5,250) - Install an automatic gate operator at the O&M equipment yard.				

NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY

ACCOUNTS FOR:

SEWER

299 9210 - 1883

VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr
			41,250.00

\$125,000 Phone System replacement for all divisions.
 \$40,000 Network Switch replacement Admin/Eng, O&M, &
 Water Reclamation.

Note: Funding split (75% water fund and 25% sewer
 fund).

9220 CONSTRUCTION WORK IN PROGRESS

299 9220 - 90050

200,000.00

This fund maintains an annual budget of \$300,000.
 \$100,000 is anticipated to be carried forward from
 FY2021.

299 9220 - 90101

1,590,000.00

1. Henderson Dr (092MH0028 to 092MH0035) - Clean and line 2000' of existing 10" RCP installed in 1950 - \$525,000
2. 900 Natrona (092MH0224 to 092MH0430) - Clean and line 100' of existing 8" cast iron pipe installed in 1940 - \$29,000
3. Kingham (093MH0411 to 093MH0259) - Clean and line 880' of existing 8" VCP installed in 1960 - \$294,000
4. Cahill (093MH0416 to 093MH0275) - Clean and line 1300' of existing 8" VCP installed in 1960 - \$424,000
5. Snyder x Deming (104MH0328) - Replace Diversion Manhole - \$48,000
6. Manhole Rehab - Replace 9 manholes each with aging and structural issues - \$270,000

299 9220 - 92010

200,000.00

This fund maintains an annual budget of \$400,000.
 \$200,000 is anticipated to be carried forward from
 FY2021.

299 9220 - 92017

39,000.00

Replace RTU's with nonproprietary RTU's. Phase two of four phases, Completion of 24 sites per year for phases 2-4. In house design and partial in house construction. Water-sewer split of 85% water, 15% sewer is based on site count and construction costs. Average site cost is about \$10,830. Total cost per year for phases 2-4 of \$260,000.

Cheyenne Board of Public Utilities

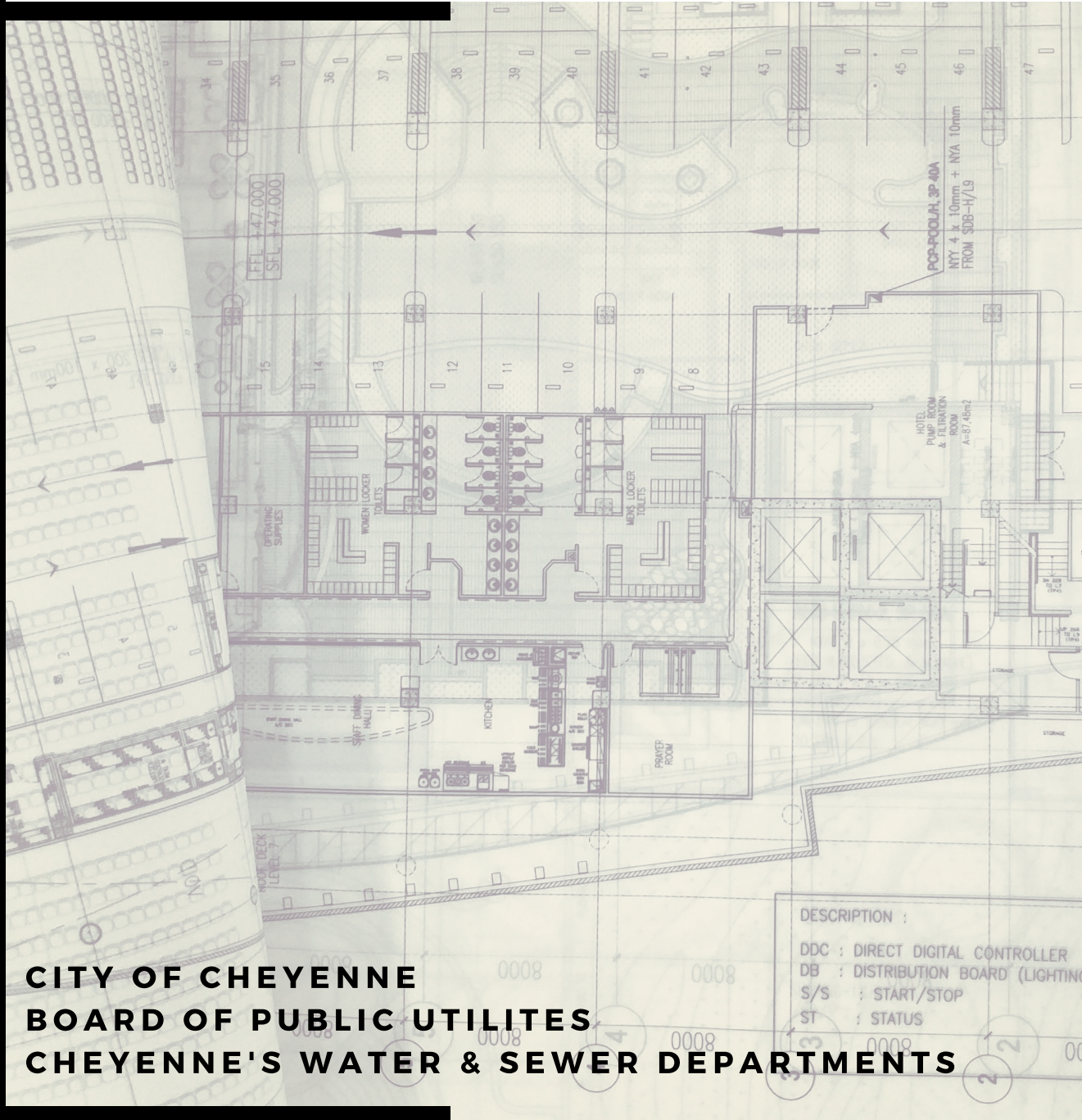


NEXT YEAR BUDGET DETAIL REPORT

PROJECTION: 20221 FY 2022 BUDGET ENTRY						
ACCOUNTS FOR:						
SEWER		VENDOR	QUANTITY	UNIT COST	2022 Admin Mngr	
TOTAL NONOPERATING					4,974,500.00	
TOTAL SEWER					-298,200.00	
TOTAL REVENUE					-14,322,000.00	
TOTAL EXPENSE					14,023,800.00	
GRAND TOTAL					-298,200.00	

** END OF REPORT - Generated by Ashley Miller **

DETAILED CAPITAL PROJECTS BUSINESS CASES



**CITY OF CHEYENNE
BOARD OF PUBLIC UTILITIES
CHEYENNE'S WATER & SEWER DEPARTMENTS**

April 26, 2021
Fiscal Year 2022 Budget
July 1, 2021 - June 30, 2022

Description (click link to follow)	Page Number	Budget Account Number
Project Code Abbreviations	1	
Project Summary Table	2	
Crystal Bypass Pipeline	3	199-9220-82019
FY22 Floc Rehab	5	199-9220-86064
Ridge Nationway Intersect	7	199-9220-84085
Rob Roy Fiber Optic	9	199-9220-82020
Whitney Dell Range Highway 30	11	199-9220-84084
Wellfield Pipeline to King II	13	199-9220-83062
Sherard NaOCl Conversion	15	199-9220-86056
FY22 Oversize Main	17	199-9220-84054 / 299-9220-90050
SCADA Rehabs	19	199-9220-81033 / 299-9220-92017
FY22 Special Projects	21	299-9220-92010
FY22 Sewer Rehabs	23	299-9220-90101

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PROJECT TYPE CODE	DESCRIPTION
WDR	Water Distribution Rehab
SCR	Sewer Rehab
STD	Study
CPR	City Projects Rehab
CPI	City Projects Improvement
WDI	Water Distribution Improvement
SCI	Sewer Improvement
WPR	Water Plant Rehabs
WPI	Water Plant Improvements
SPR	Sewer Plant Rehabs
SPI	Sewer Plant Improvements
TKR	Storage Tank Rehabs
TKI	Storage Tank Improvements
RDR	Reservoir / Dams Rehabs
RDI	Reservoir / Dams Improvements
RUI	Reuse Improvements
RUR	Reuse Rehabs
BDR	Building Rehabs
BDI	Building Improvements
GWR	Ground Water Wells Rehabs
GWI	Ground Water Wells Improvements
INR	Instrumentation Rehab
INI	Instrumentation Improvement
ITP	Information Technology Projects
STI	Surface Water Transmission Improvement
STR	Surface Water Transmission Rehab
GTI	Groundwater Transmission Improvement
GTR	Groundwater Transmission Rehab

Project Summary Table

Project Name	Budget Account	FY 2022 Cost by Funding Source					FY 2022 Total
		Rates	SDF	SRF	WWDC	Other	
Granite & Crystal Bypass	199-9220-82019			\$ 990,000	\$ 2,010,000		\$ 3,000,000
FY22 Floc Rehab	199-9220-86064	\$ 650,000					\$ 650,000
Ridge Nationway Intersect	199-9220-84085	\$ 270,000					\$ 270,000
Rob Roy Fiber	199-9220-82020	\$ 150,000					\$ 150,000
Whitney Dell Range Hwy30	199-9220-84084	\$ 412,500					\$ 412,500
Federal and Bell to King II	199-9220-83062	\$ 160,000					\$ 160,000
Sherard NaOCl Conversion	199-9220-86056	\$ 200,000					\$ 200,000
FY22 Oversize Main	199-9220-84054		\$ 30,000				\$ 30,000
SCADA Rehabs	199-9220-81033	\$ 225,000					\$ 225,000
<i>Water Capital Projects SubTotal</i>		\$ 2,067,500	\$ 30,000	\$ 990,000	\$ 2,010,000	\$ -	\$ 5,097,500
FY22 Oversize Main	299-9220-90050		\$ 200,000				\$ 200,000
FY22 Special	299-9220-92010	\$ 200,000					\$ 200,000
SCADA Rehabs	299-9220-92017	\$ 39,000					\$ 39,000
FY22 Sewer Rehabs	299-9220-92010	\$ 1,590,000					\$ 1,590,000
<i>Sewer Capital Projects SubTotal</i>		\$ 1,829,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 2,029,000
<i>Water SubTotal</i>		\$ 2,067,500	\$ 30,000	\$ 990,000	\$ 2,010,000	\$ -	\$ 5,097,500
<i>Sewer SubTotal</i>		\$ 1,829,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 2,029,000
Grand Total		\$ 3,896,500	\$ 230,000	\$ 990,000	\$ 2,010,000	\$ -	\$ 7,126,500

Notes:

1. SDF = System Development Fees
2. SRF = State Revolving Fund (Loan)
3. WWDC = Wyoming Water Development Commission (Grant)

Granite & Crystal Bypass Pipeline and Outlet Rehabs

Date: August 23, 2019

Updated Date: March 26, 2021

Author: Bruce H, Bryce D

Project Manager:

Project Number: 2022STI01

Project Name: Granite & Crystal Bypass Pipeline and Outlet Rehabs

Project Alias: Granite & Crystal Bypass

Water Category: Raw Water Sources

Sewer Category:

Business Case Status: In Progress

Project Location:

South and east of Granite and Crystal Reservoirs for the bypass pipeline. In the bottom of the dams at Granite and Crystal Reservoirs.

Project Description:

Project includes design and construction with contract resources. Project includes a new bypass pipeline and rehabilitation of the outlet pipes in both dams. The bypass includes an 18" to 20" pipeline running from the Stage I/II supply piping above Granite/Crystal to the 36" and 30" piping that feeds the Sherard Water Treatment Plant. Four route alternatives were identified in the 2013 Master Plan. Alternative 2 b is recommended in the 2013 Master Plan and being evaluated further in the Storage Project (findings due January 2020). The outlet rehabilitation projects likely will include relining the pipelines (also being evaluated in the Storage Project with recommendations due in January 2020). Operating the bypass will also expose the new hydrogenerator to a higher than normal hydraulic grade line. The project will evaluate the impact on the hydrogenerator and may include a pressure reduction device to protect the hydrogenerator. Project timing is based on the potential risk and high consequence of an inoperable Crystal Reservoir.

Justification:

In the event that Granite or Crystal would become inoperable due to contamination or infrastructure failures (for example the 100 year old outlet works), Cheyenne's surface water supply would be severely compromised. Both reservoirs are used heavily for recreation, especially during the summer months. A bypass around Crystal will increase operational resiliency in one of the most important water supply components.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2013** Confidence: **Level 2** Source: **2013 Master Plan etc.**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	15,240 ft of 18" PVC Pipe	\$1,830,000	199-9220-82019	from the 2013 Master Plan
	Line 2 outlet pipes	\$250,000	199-9220-82019	BOPU staff
Sewer:				

Table 2 - Timing of all CostsProject #: **2022ST101**Alias: **Granite & Crystal Bypass**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$2,080,000						
	3% Inflation:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	33%	0%	67%	33%
Sewer Fund %:	0%	0%	0%	0%

Notes:

1. Additional/up to date scope and cost information will come from the Municipal Storage project in January 2020.

FY22 Floc Rehab

Date: November 27, 2018

Updated Date: March 29, 2021

Author: Clint Bassett

Project Manager: Brett D

Project Number: 2022WPR01

Project Name: FY22 Floc Rehab

Project Alias: FY22 Floc Rehab

Water Category: Potable Water Treatment

Sewer Category:

Business Case Status: Complete

Project Location:

Sherard Water Treatment Plant Flocculation Tanks

Project Description:

The Sherard Water Treatment Plant has three (3) floc tanks. This project rehabilitates one (1) floc tank each year including:

1. Remove mixing equipment,
2. Remove epoxy coating and surface preparation,
3. Apply epoxy coating,
4. Purchase replacement mixing equipment,
5. Install mixing equipment.

Floc tank numbers 1 and 3 were rehabilitated, following the above process, in fiscal year 2019 and 2020, respectively. Floc tank number 2 will be rehabilitated in fiscal year 2022.

Justification:

After 16 years of use, the epoxy coatings in the floc tanks at the Sherard Water Treatment Plant are starting to delaminate and need replacement.

The mixing equipment is also starting to pit and break due to corrosion and needs replacement.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 3** Source: **Floc Tank 3 Rehab Bid Average**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	Rehab Floc Tank 2	\$650,000	199-9220-86064	\$650,000 was budgeted in FY22
Sewer:				

Table 2 - Timing of all CostsProject #: **2022WPR01**Alias: **FY22 Floc Rehab**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$650,000						
	3% Inflation:	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

Ridge Nationway Intersect

Date: March 26, 2021

Updated Date: March 29, 2021

Author: Brett Davis

Project Manager: TBD

Project Number: 2022CPR01

Project Name: Ridge Nationway Intersect

Project Alias: Ridge Nationway Intersect

Water Category: Potable Water Storage and Distribution

Sewer Category:

Business Case Status: In Progress

Project Location:

Intersection of Ridge Rd and Nationway,

Project Description:

Replace 750' of existing 8" ductile iron pipe installed in 1958 in the intersection of Ridge Rd and Nationway in conjunction with the City's project to reconstruct the intersection.

Justification:

The city of Cheyenne is reconstructing the intersection of Ridge Rd and Nationway. BOPU has aging pipe requiring rehabilitation beneath this intersection. Rehabilitating this pipe in conjunction with the city project will save the BOPU construction cost.

Table 1 - Opinion of Probable Costs (OPC)Cost Basis Year: **2022** Confidence: **Level 1** Source:

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	Replace 750' Water Main	\$270,000	199-9220-84085	
Sewer:				

Table 2 - Timing of all CostsProject #: **2022CPR01**Alias: **Ridge Nationway Intersect**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$270,000						
	3% Inflation:	\$270,000	\$0	\$0	\$0	\$0	\$0	\$270,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

Rob Roy Fiber Optic

Date: March 26, 2021

Updated Date: March 29, 2021

Author: Brett Davis

Project Manager:

Project Number: 2022INR02

Project Name: Rob Roy Fiber Optic

Project Alias: Rob Roy Fiber

Water Category: Raw Water Sources

Sewer Category:

Business Case Status: In Progress

Project Location:

From Keystone to Rob Roy.

Project Description:

Extend fiber optics 3 mi from Keystone to Rob Roy.

Justification:

This project will replace the existing copper cable damaged by the 2020 Mullen Fire with fiber optic cable that will improve data communication speeds compared to the existing copper data communication speeds.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 1** Source:

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	Fiber Optic	\$150,000	199-9220-82020	
Sewer:				

Table 2 - Timing of all CostsProject #: **2022INR02**Alias: **Rob Roy Fiber**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$150,000						
	3% Inflation:	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

Whitney Dell Range Highway 30

Date: March 26, 2021

Updated Date: March 26, 2021

Author: Brett Davis

Project Manager:

Project Number: 2022WDI02

Project Name: Whitney Dell Range Highway 30

Project Alias: Whitney Dell Range Hwy30

Water Category: Potable Water Storage and Distribution

Sewer Category:

Business Case Status: In Progress

Project Location:

Whitney Rd from Dell Range to Highway 30.

Project Description:

Construct 1,500' of 12" water main in Whitney Rd from Dell Range to Highway 30 prior to WYDOT road construction project.

Justification:

This project will provided needed looping and redundancy to the water distribution system.

Table 1 - Opinion of Probable Costs (OPC)Cost Basis Year: **2022** Confidence: **Level 1** Source:

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:		\$412,500	199-9220-84084	
Sewer:				

Table 2 - Timing of all CostsProject #: **2022WDI02**Alias: **Whitney Dell Range Hwy30**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$412,500						
	3% Inflation:	\$412,500	\$0	\$0	\$0	\$0	\$0	\$412,500
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

Federal and Bell Wellfield Pipeline To King II (FY22 Wellfield Projects)

Date: January 2, 2019

Updated Date: September 18, 2019

Author: Brett D, Bryce D

Project Manager: TBD

Project Number: 2022GTI01

Project Name: Federal and Bell Wellfield Pipeline To King II (FY22 Wellfield Projects)

Project Alias: Federal and Bell to King II

Water Category: Raw Water Sources

Sewer Category:

Business Case Status: In Progress

Project Location:

Project includes installation of a valve near Round Top Tank and pump modifications at 4 wells to connect Federal and Bell pipelines to King II Tank. The 4 wells requiring pump modifications are Bell 16, Bell 25, Merritt 8, and Merritt 9.

Project Description:

Original 2013 Maser Plan project (Pg 3-103 to 3-104 and 3-162) includes a booster station and pipeline from Bell Wellfield to King II Tank with alignment parallel to existing groundwater transmission main. 2013 Master Plan project estimate is \$5,161,900 in the year 2021 (estimate includes rights of way, appurtenances, control valves, air-vacs, cathodic protection, 16" pipeline, and low-head, high-capacity booster station).

BOPU analysis and installation of a valve near Round Top Tank have proved the Federal wellfield gravity flows to King II without additional pipe and booster stations. The recently installed valve forces Federal wellfield flow southward via Bell wellfield transmission main. Pumping modifications to Bell 16, Bell 25, Merritt 8, and Merritt 9 are required due to higher head introduced from Federal Wellfield. BOPU is evaluating potential impacts to Bell and Happy Jack well production due to higher head introduced from Federal Wellfield.

Federal pipeline needs re-connection completed prior to Round Top disconnection or groundwater from this area becomes inaccessible.

Justification:

Groundwater from the Federal Well Field, Bell 16, and Bell 25 cannot be delivered to King II Storage Tank and is currently delivered to Round Top Tank. This system has two problems.

1. The Round Top Storage Tank is scheduled for replacement before 2024 (2008 Sanitary Survey). Pumping and relocation of hypochlorite building (to achieve contact time in pipeline) would be required to bypass RT Tank and connect Federal pipeline to distribution system.
2. Groundwater not delivered to King II is unaccounted in the Surface Water to Groundwater blend requirement. Connection of Federal wellfield to King II allows use of additional surface water supply.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 2** Source: **2013 Master Plan**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	Well Pumping Modifications	\$160,000	199-9220-83062	
Sewer:				

Table 2 - Timing of all CostsProject #: **2022GT101**Alias: **Federal and Bell to King II**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$160,000						
	3% Inflation:	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

Sherard Sodium Hypochlorite Conversion

Date: April 10, 2020

Updated Date: September 16, 2020

Author: Brett Davis, Bruce Hattig

Project Manager: TBD

Project Number: 2022WPI01

Project Name: Sherard Sodium Hypochlorite Conversion

Project Alias: Sherard NaOCl Conversion

Water Category: Potable Water Treatment

Sewer Category:

Business Case Status: In Progress

Project Location:

Sherard Water Treatment Plant.

Project Description:

The Sherard Sodium Hypochlorite Conversion project consists of the design and construction of a sodium hypochlorite (NaOCl) water disinfection system at the Sherard Water Treatment Plant (WTP) to replace the current chlorine gas water disinfection system. The new NaOCl system will chlorinate both surface and well water. The project will be executed in two phases. The NaOCl system will be designed in Phase 1 and constructed in Phase 2.

Justification:

Chlorine is a volatile and toxic gas that poses many safety risks to Sherard staff. Chlorine gas lowers the pH and requires the addition of soda ash to raise the finished water pH. The addition of soda ash adds more sodium than using sodium hypochlorite. Reducing the addition of sodium, reduces the sodium adsorption ratio (SAR) in the reuse water. If Sherard fails, the chlorine system is inoperable. If Sherard were to fail, a sodium hypochlorite system could be fed from water in King II and then used to disinfect well water. Converting to Sodium Hypochlorite reduces soda ash feed, improves safety, improves reuse water quality and improve operational resiliency.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 2** Source: **PSI Budget Proposal**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:	Sherard NaOCl Conversion	\$2,200,000	199-9220-86056	
Sewer:				

Table 2 - Timing of all Costs

Project #: **2022WPI01**

Alias: **Sherard NaOCl Conversion**

Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$200,000					\$2,000,000	
	3% Inflation:	\$200,000	\$0	\$0	\$0	\$0	\$2,319,000	\$2,519,000
Sewer	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	0%	0%	0%	0%

Notes:

1. This project could be expedited (i.e. before 2022) if funding is available from COVID-19 stimulus.
2. Cost saving could be achieved by moving existing Federal Well Field and Swan Ranch PS NaOCl units.
3. Operating the NaOCl unit at the same time as a backwash pump or another piece of equipment with a large electrical demand could incur a large electrical capacity charge. Control systems should have logic applied that discourages the simultaneous operation of two pieces of equipment with a large electrical demand.
4. Using electricity to disinfect water will benefit the economics of the hydrogenerator.

FY22 Oversize Main

Date: August 30, 2019

Updated Date: September 17, 2019

Author: David C, Bryce D, Bruce Hattig

Project Manager: TBD

Project Number: 2022WDI01 / 2022SCI01

Project Name: FY22 Oversize Main

Project Alias: FY22 Oversize Main

Water Category: Potable Water Storage and Distribution

Sewer Category: Wastewater Collection

Business Case Status: In Progress

Project Location:

Varies based on development projects.

Project Description:

Oversize main projects (water and sewer) are typically discovered during review of development projects. During design review, BOPU staff identify a proposed main that, while sized appropriately for the proposed development, may be undersized for future development. If BOPU staff determine the need to increase capacity for future customers, BOPU system development fees will pay the difference in cost between the proposed development pipeline size and the upsized costs. This cost is determined by bidding both the development project pipe size and the upsized pipe; BOPU system development fees pay the difference between the two costs. Timing of these projects is based on need.

Each fiscal year, \$400,000 is budgeted for oversizing water mains and \$300,000 is budgeted for oversizing sewer mains. Unused funds are carried over from previous fiscal years and additional funds are budgeted to make the oversize main budgets whole.

Justification:

Oversize main projects (water and sewer) are public private partnerships where the BOPU recognizes a need for a larger main to be placed to serve future growth and will cost share with the private entity by paying the difference to upsize the water main for that future growth.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 3** Source: **Past Budgets**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:		\$30,000	199-9220-84054	
Sewer:		\$200,000	299-9220-90050	

Table 2 - Timing of all Costs

Project #: **2022WDI01 / 20** Alias: **FY22 Oversize Main** Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$30,000						
	3% Inflation:	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Sewer	Cost:	\$200,000						
	3% Inflation:	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	0%	100%	0%	0%
Sewer Fund %:	0%	100%	0%	0%

Notes:

SCADA Rehabs

Date: August 16, 2019

Updated Date: March 25, 2020

Author: Bruce Hattig, Bryce Dorr

Project Manager: Cary Chapman

Project Number: 2022INR01

Project Name: SCADA Rehabs

Project Alias: SCADA Rehabs

Water Category: Other Water Projects

Sewer Category: Other Sewer Projects

Business Case Status: Complete

Project Location:

Treatment and reclamation plants, remote and local reservoirs, and distribution/collection systems

Project Description:

Project Descriptions

There are two similar and related projects each with multiple phases. The two projects are PLC replacements and RTU replacements. The RTU's and the PLC's both communicate to the same SCADA control system, iFix, the BOPU's graphically based Human Machine Interface. The CPU's in both RTU's and PLC's perform the very similar functions. The two types of controllers, PLC's and RTU's, have overtime become so comparable that it is possible to have a PLC replace and RTU and vice versa. In the RTU replacement project, PLCs are the likely replacement for the existing RTU's. The key difference is the physical locations. Most of the PLC's are located in the plants and the RTU's are located at more remote locations like pump stations and reservoirs.

PLC Replacement Projects

Includes replacing 55 obsolete programmable logic controllers (PLC's) at Sherard Water Treatment Plant (5 major & 11 minor), two reclamation plants (2 major & 25 minor), and (12 more) at sewer lift stations, water pump stations and Granite Reservoir. Project includes reusing existing PLC I/O hardware, upgrading central processing units and adding new I/O interface modules.

Three phases are planned. PLC's at the Sherard Water Treatment plant will be replaced in the first phase. The second phase will replace PLC's at the Crow Creek and Dry Creek water reclamation plants. The final phase will replace PLC's at other locations like lift stations and pump stations. Each phase will include design and construction within a single fiscal year by contract resources.

RTU Replacement Projects

Remote Terminal Units (RTU's) at both water and sewer sites will be replaced. A total of 82 RTU's will be replaced with PLC's. An Ethernet based communications system is planned. Ethernet communications is less proprietary than the existing Motorola system. Communications equipment will include Ethernet radios, Ethernet cell modems, and Ethernet based satellite modems. The replacement product for the existing Motorola RTU's will be small "micro" PLC's or midsize PLC's. A pilot replacement PLC and associated modems will be assembled by June 2020. If the pilot PLC is unsuccessful, the Motorola ACE RTU product will be reconsidered.

Projects to be completed in four annual phases beginning in FY 2021. Each phase will include construction within a single fiscal year by contract resources. Design for the RTU replacements will be done by BOPU staff.

Justification:

There are 55 existing PLC's. Many are obsolete and unsustainable. Allen Bradley intends to end production and customer support for the major PLC's in the next two years.

Technology in the MOSCAD-version of the Motorola RTUs is no longer supported by the manufacturer. RTUs at Rob Roy, Hog Park, Lake Owen, Crystal, and Granite use an obsolete land line communication technology. Replacement parts are difficult to obtain and lost communication/control at these sites would cause significant impact to operations and data collected for decision making. Replacement of the Granite RTU in FY2021 will extend the longevity of the other four land line sites until a viable satellite system is identified. Once a satellite technology is chosen, the other four land line sites will be upgraded. The order of upgrades of other RTU sites will be based critically.

PLC's and RTU's are integral to the remote operation of the water and sewer systems. Systems are being maintained with spare parts from unreliable, third party, private sources, Risk associated with obsolete technology is no longer acceptable.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 1** Source:

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:		\$675,000	199-9220-81033	
Sewer:		\$119,000	299-9220-92017	

Table 2 - Timing of all Costs

Project #: **2022INR01**

Alias: **SCADA Rehabs**

Start FY: **2021**

		Fiscal Year (FY)						Total OPC (\$)
		2021	2022	2023	2024	2025	2026	
Water	Cost:	\$0	\$225,000	\$225,000	\$225,000			
	3% Inflation:	\$0	\$225,000	\$232,000	\$239,000	\$0	\$0	\$696,000
Sewer	Cost:	\$0	\$39,000	\$40,000	\$40,000			
	3% Inflation:	\$0	\$39,000	\$41,000	\$42,000	\$0	\$0	\$122,000

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	100%	0%	0%	0%

Notes:

1. Cost above reflect a plan to complete PLC work at Sherard in 2021, Dry Creek and Crow Creek in 2022, water pump stations and Granite in 2023 and lift stations in 2024.
2. Monies carried over from FY2018 (\$120k) and FY2019 (\$140k) water and sewer budgets are available for first year RTU replacement project. Seven sites will be upgraded in FY2021.
3. Costs in FY2022, FY2023, and FY2024 reflect a plan to replace approximately 25 of the remaining RTU's each year.

FY22 Special Projects

Date: August 30, 2019

Updated Date: March 20, 2020

Author: David C

Project Manager: TBD

Project Number: TBD

Project Name: FY22 Special Projects

Project Alias: FY22 Special

Water Category: Potable Water Storage and Distribution

Sewer Category: Wastewater Collection

Business Case Status: Complete

Project Location:

Varies

Project Description:

Each fiscal year \$400,000 is budgeted to fund unanticipated, special water projects and \$400,000 is budgeted to fund unanticipated, special sewer projects. Unused funds are carried over from previous fiscal years and additional funds are budgeted each year to make the water and sewer special projects budgets whole.

Justification:

It is good practice to have funds in reserve for unanticipated needs to ensure continuous and reliable service. "Special" projects are projects that are not budgeted for which come to light and need to be completed in a timely manner.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 3** Source: **Past Budgets**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:		\$0	199 9220 80010	
Sewer:		\$200,000	299-9220-92010	

Table 2 - Timing of all CostsProject #: **TBD**Alias: **FY22 Special**Start FY: **2022**

		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:	\$0						
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer	Cost:	\$200,000						
	3% Inflation:	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	100%	0%	0%	0%
Sewer Fund %:	100%	0%	0%	0%

Notes:

FY22 Sewer Rehabs

Date: August 30, 2019

Updated Date: March 29, 2021

Author: David Cole

Project Manager: TBD

Project Number: 2022SCR01

Project Name: FY22 Sewer Rehabs

Project Alias: FY22 Sewer Rehabs

Water Category:

Sewer Category: Wastewater Collection

Business Case Status: In Progress

Project Location:

Varies throughout the wastewater collection system. Locations are coordinated with City street projects annually in the fall.

Project Description:

Annual program to design and rehabilitate aging sewer infrastructure (including pipe and manholes).

Potential locations are as follows:

~Henderson Dr. (092MH0028 to 092MH0035): Clean and line 2,000' of existing 10" RCP installed in 1950.

~900 Natrona (092MH0224 to 092MH0430): Clean and line 100' of existing 8" cast iron pipe installed in 1940.

~Kingham (093MH0411 to 093MH0259): Clean and line 880' of existing 8" VCP installed in 1960

~Cahill (093MH0416 to 093MH0275): Clean and line 1,300' of existing 8" VCP installed in 1960

~Snyder x Deming (104MH0328): Replace diversion manhole

~Manole Rehab: Replace 9 manholes each with aging and structural issues

Specific piping sections and manholes will be determined by the O&M Division based on maintenance history, age, condition, material, criticality, etc. Project is designed and constructed by contracted resources. The annual goal is to schedule the project to allow a contractor to bid on the work early in the calendar year and to complete the work by the end of the construction season in the same calendar year. Schedule plan is to issue a design RFP in April of the prior fiscal year, a design contract signed by July of the designated fiscal year and a contractor selected by January of the same fiscal year.

Justification:

The water distribution system includes approximately 300 miles of piping and ____ manholes. The life expectancy of these systems is generally between 40 and 100 years. Regular and systematic replacement is more cost effective and less disruptive to customers than repairing failed pipelines and manholes. Current operating and engineering judgement recommends renewing the entire system approximately every 150 years or 2 miles per year. This renewal rate should be re-evaluated if the failure rates change significantly and as the system grows.

Table 1 - Opinion of Probable Costs (OPC)

Cost Basis Year: **2022** Confidence: **Level 3** Source: **Historic Data**

Fund	Item	OPC (\$)	Budget Code	Comment/Calculation
Water:				
Sewer:		\$1,590,000	299-9220-90101	

Table 2 - Timing of all CostsProject #: **2022SCR01**Alias: **FY22 Sewer Rehabs**Start FY: **2022**

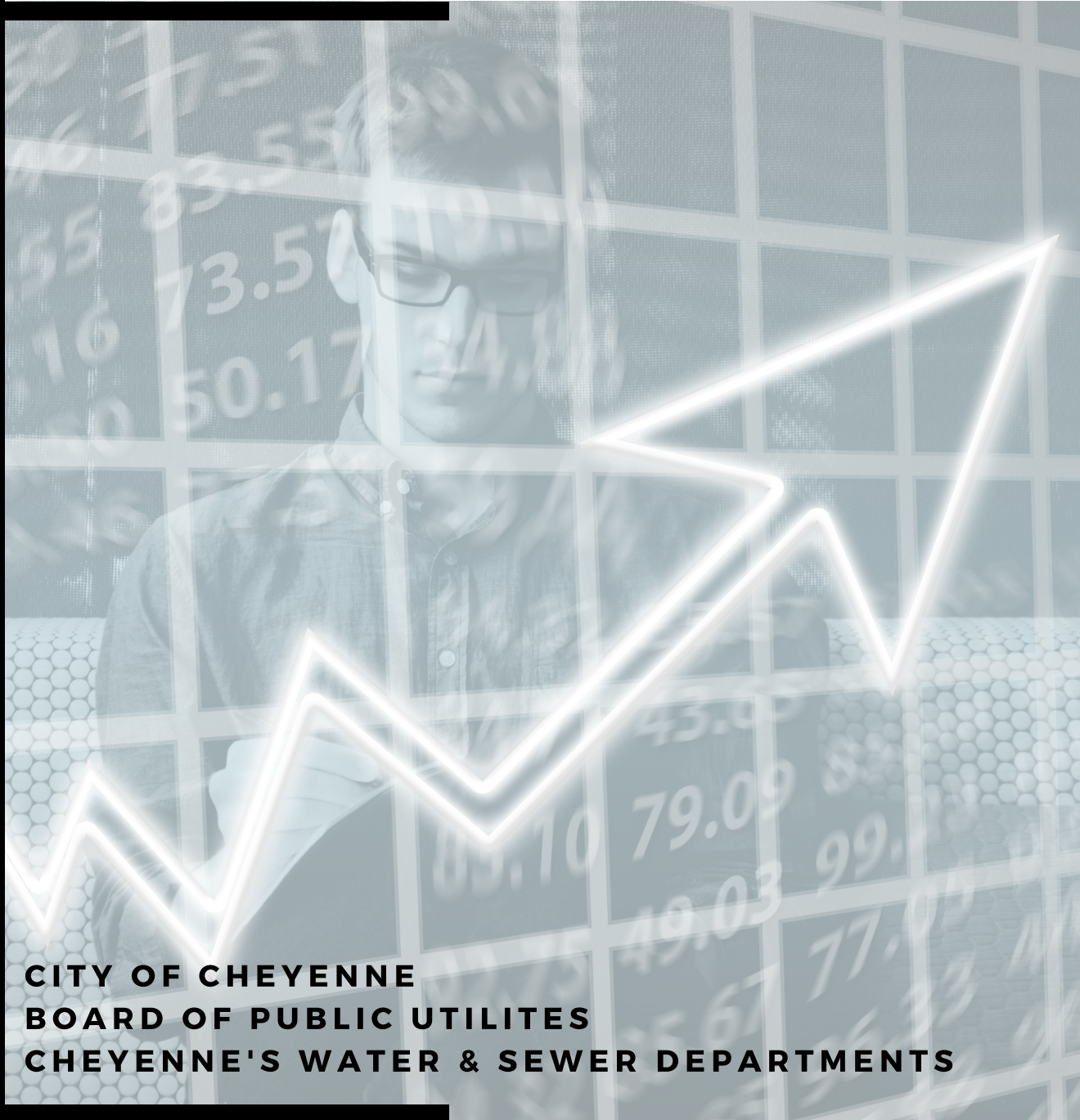
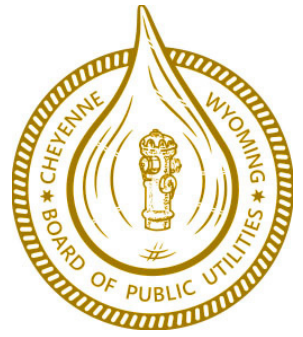
		Fiscal Year (FY)						Total OPC (\$)
		2022	2023	2024	2025	2026	2027	
Water	Cost:							
	3% Inflation:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer	Cost:	\$1,590,000						
	3% Inflation:	\$1,590,000	\$0	\$0	\$0	\$0	\$0	\$1,590,000

Table 3 - Funding Source(s):

	Rate	SDF	Grant	Loan
Water Fund %:	0%	0%	0%	0%
Sewer Fund %:	100%	0%	0%	0%

Notes:

FINANCIAL PROJECTIONS



**CITY OF CHEYENNE
BOARD OF PUBLIC UTILITIES
CHEYENNE'S WATER & SEWER DEPARTMENTS**

April 26, 2021
Fiscal Year 2022 Budget
July 1, 2021 - June 30, 2022

Business Case Quick Look

		Fiscal Year					3 Year Total	5 Year Total
		2022	2023	2024	2025	2026	2022 - 2024	2022 - 2026
Water	Project Count	9	6	7	6	8	17	21
	Cost	\$5.1 M	\$3.4 M	\$4.4 M	\$6.3 M	\$8.6 M	\$12.9 M	\$27.8 M
Sewer	Project Count	4	4	7	5	5	10	14
	Cost	\$2. M	\$3.1 M	\$4.8 M	\$7.5 M	\$24.3 M	\$9.9 M	\$41.7 M
Total	Project Count	13	10	14	11	13	27	35
	Cost	\$7.1 M	\$6.5 M	\$9.2 M	\$13.8 M	\$32.9 M	\$22.8 M	\$69.5 M

Business Case Summary

(Refresh Table with "Ctrl" + "Alt" + "Shift" + "F9") (Refresh Filters with "Ctrl" + "Alt" + "L")

Project Number		Project Alias		Categorization			Funding Source (Loan/Grant)				Fiscal Year Opinion of Probable Costs (\$)					5
		Fund	Fiscal Category	Budget Code	Rates	SDF	Grant	Loan	2022	2023	2024	2025	2026	Year Total (2022 - 2026)		
2022STI01	Granite & Crystal Bypass	Water	Raw Water Sources	199-9220-82019	33%		67%	33%	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000		
20YYWPR01	FY23-27 Filter Rehabs	Water	Potable Water Treatment	199-9220-86064	100%				\$ -	\$ 233,000	\$ 240,000	\$ 247,000	\$ 255,000	\$ 975,000		
2022WPR01	FY22 Floc Rehab	Water	Potable Water Treatment	199-9220-86064	100%				\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ 650,000		
2023WDR01	FY23 Water Rehabs	Water	Potable Water Storage and Distribution	199 9220 84081	100%				\$ -	\$ 1,910,000	\$ -	\$ -	\$ -	\$ 1,910,000		
20yyWDR01	FY24-FY29 Water Rehabs	Water	Potable Water Storage and Distribution	199 9220 84081	100%				\$ -	\$ -	\$ 2,434,000	\$ 4,060,000	\$ 5,534,000	\$ 12,028,000		
20yyGWR01	FY26-FY31 Wellfield Improvements	Water	Raw Water Sources		0	100%			\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000		
2021WPR02	Pave Sherard	Water	Potable Water Treatment		0	100%			\$ -	\$ 290,000	\$ -	\$ -	\$ -	\$ 290,000		
2022CPR01	Ridge Nationway Intersect	Water	Potable Water Storage and Distribution	199-9220-84085	100%				\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 270,000		
2022INR02	Rob Roy Fiber	Water	Raw Water Sources	199-9220-82020	100%				\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000		
2022WDI02	Whitney Dell Range Hwy30	Water	Potable Water Storage and Distribution	199-9220-84084	100%				\$ 412,500	\$ -	\$ -	\$ -	\$ -	\$ 412,500		
2022GTI01	Federal and Bell to King II	Water	Raw Water Sources	199-9220-83062	100%				\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000		
20YYSTR01	FY24-FY29 Raw Water Rehab	Water	Raw Water Sources	199 9220 82018	100%				\$ -	\$ -	\$ 406,000	\$ 418,000	\$ 431,000	\$ 1,255,000		
2023RDR01	Rob Roy Gate Rehab	Water	Raw Water Sources		0	100%			\$ -	\$ -	\$ 290,000	\$ -	\$ -	\$ 290,000		
2022WPI01	Sherard NaOCl Conversion	Water	Potable Water Treatment	199-9220-86056	100%				\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000		
2022RUI02	Reuse Storage	Water	Non-Potable Water Treatment And Distribution		0	33%	67%	33%	\$ -	\$ -	\$ -	\$ -	\$ 1,159,000	\$ 1,159,000		
2022WDI01 / 2c	FY22 Oversize Main	Water	Potable Water Storage and Distribution	199-9220-84054		100%			\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000		
2022WDI01 / 2c	FY22 Oversize Main	Sewer	Wastewater Collection	299-9220-90050		100%			\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000		
20yyWDI01 / 2c	FY23-FY28 Oversize Main	Water	Potable Water Storage and Distribution	199-9220-84054		100%			\$ -	\$ 338,000	\$ 348,000	\$ 358,000	\$ 369,000	\$ 1,413,000		
20yyWDI01 / 2c	FY23-FY28 Oversize Main	Sewer	Wastewater Collection	299-9220-90050		100%			\$ -	\$ 338,000	\$ 348,000	\$ 358,000	\$ 369,000	\$ 1,413,000		
TBD	FY22 Special	Sewer	Wastewater Collection	299-9220-92010		100%			\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000		
TBD	FY23-FY28 Special	Water	Potable Water Storage and Distribution	199 9220 80010	100%				\$ -	\$ 424,000	\$ 437,000	\$ 450,000	\$ 464,000	\$ 1,775,000		
TBD	FY23-FY28 Special	Sewer	Wastewater Collection	299-9220-92010	100%				\$ -	\$ 424,000	\$ 437,000	\$ 450,000	\$ 464,000	\$ 1,775,000		
20yyWDI02	FY26-FY31 System Monitoring	Water	Potable Water Storage and Distribution		0	100%			\$ -	\$ -	\$ -	\$ -	\$ 37,000	\$ 37,000		
20yyWDI02	FY26-FY31 System Monitoring	Sewer	Wastewater Collection		0	100%			\$ -	\$ -	\$ -	\$ -	\$ 37,000	\$ 37,000		
2025STD01	Master Plan Update	Water	Other Water Projects		0	100%			\$ -	\$ -	\$ -	\$ 717,000	\$ -	\$ 717,000		
2025STD01	Master Plan Update	Sewer	Other Sewer Projects		0	100%			\$ -	\$ -	\$ -	\$ 239,000	\$ -	\$ 239,000		
2022INR01	SCADA Rehabs	Water	Other Water Projects	199-9220-81033	100%				\$ 225,000	\$ 232,000	\$ 239,000	\$ -	\$ -	\$ 696,000		
2022INR01	SCADA Rehabs	Sewer	Other Sewer Projects	299-9220-92017	100%				\$ 39,000	\$ 41,000	\$ 42,000	\$ -	\$ -	\$ 122,000		
2024RPI01	CCWRF Clarifier Expansion	Sewer	Wastewater Treatment		0	100%		100%	\$ -	\$ -	\$ -	\$ 2,528,000	\$ -	\$ 2,528,000		
2023STD01	CCWRF IFAS Study	Sewer	Wastewater Treatment		0	100%			\$ -	\$ -	\$ 187,000	\$ -	\$ -	\$ 187,000		
2024WPI01	CCWRF IFAS Conversion	Sewer	Wastewater Treatment		0	100%		100%	\$ -	\$ -	\$ -	\$ -	\$ 19,260,000	\$ 19,260,000		
2021SCR02	CC Interceptor	Sewer	Large Collection Main Projects	230 5520	50%	50%		100%	\$ -	\$ -	\$ 109,000	\$ -	\$ -	\$ 109,000		
2024SPI01	DCWRF Standby Aeration Power	Sewer	Wastewater Treatment		0	100%			\$ -	\$ -	\$ 817,000	\$ -	\$ -	\$ 817,000		
2022SCR01	FY22 Sewer Rehabs	Sewer	Wastewater Collection	299-9220-90101	100%				\$ 1,590,000	\$ -	\$ -	\$ -	\$ -	\$ 1,590,000		
20yySCR01	FY23-FY28 Sewer Rehabs	Sewer	Wastewater Collection	299-9220-92010	100%				\$ -	\$ 2,251,000	\$ 2,898,000	\$ 3,940,000	\$ 4,120,000	\$ 13,209,000		
Totals		35	35	35	35	83	20	7	13	\$ 7,126,500	\$ 6,481,000	\$ 9,232,000	\$ 13,765,000	\$ 32,899,000	\$ 69,503,500	
		↑Count↑	↑Count↑	↑Count↑	↑Count↑	↑Count↑	↑Count↑	↑Count↑	↑Count↑	↑Sum↑	↑Sum↑	↑Sum↑	↑Sum↑	↑Sum↑	↑Sum↑	

Water Enterprise Fund
Current FY Adjusted Budget w/5 Year Projections

Item #	Explanation	Adjusted Budget FY 2021	Projection FY 2022	Projection FY 2023	Projection FY 2024	Projection FY 2025	Projection FY 2026	Expenditures 5 year Total	Comments
I.	Water Construction Projects / Studies:								
	Raw Water Sources:								
a	Capital Projects	\$ -	\$ 310,000	\$ -	\$ 696,000	\$ 418,000	\$ 831,000	\$ 2,255,000	
	Total	\$ -	\$ 310,000	\$ -	\$ 696,000	\$ 418,000	\$ 831,000	\$ 2,255,000	
	Potable Water Treatment								
a	Capital Projects	\$ -	\$ 850,000	\$ 523,000	\$ 240,000	\$ 247,000	\$ 255,000	\$ 2,115,000	
	Total	\$ -	\$ 850,000	\$ 523,000	\$ 240,000	\$ 247,000	\$ 255,000	\$ 2,115,000	
	Potable Water Storage and Distribution								
a	Capital Projects	\$ 3,820,500	\$ 712,500	\$ 2,672,000	\$ 3,219,000	\$ 4,868,000	\$ 6,404,000	\$ 21,696,000	
	Total	\$ 3,820,500	\$ 712,500	\$ 2,672,000	\$ 3,219,000	\$ 4,868,000	\$ 6,404,000	\$ 21,696,000	
	Non-Potable Water Treatment and Distribution								
a	Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Other Projects:								
a	Capital Projects	\$ 100,000	\$ 225,000	\$ 232,000	\$ 239,000	\$ 717,000	\$ -	\$ 1,513,000	
	Total	\$ 100,000	\$ 225,000	\$ 232,000	\$ 239,000	\$ 717,000	\$ -	\$ 1,513,000	
	Estimated Construction Project Costs	\$ 3,920,500	\$ 2,097,500	\$ 3,427,000	\$ 4,394,000	\$ 6,250,000	\$ 7,490,000	\$ 27,579,000	
II.	Bond and Loan Proceeds:								
a	Capital Projects	\$ 10,569,000	\$ 990,000	\$ -	\$ -	\$ -	\$ 382,470	\$ 11,941,470	
III.	Summary of New Debt Service:								
a	Capital Projects	\$ 132,112.50	\$ 276,600.00	\$ 702,721.00	\$ 741,476.66	\$ 741,476.66	\$ 746,257.54	\$ 3,340,644.36	
IV.	Water Expenditures:								
a	Debt Service - New		\$ 276,600	\$ 702,721	\$ 741,477	\$ 741,477	\$ 746,258	\$ 3,208,532	
b	Debt Service - Existing	\$ 2,797,400	\$ 2,799,000	\$ 3,075,600	\$ 3,778,321	\$ 4,519,798	\$ 5,261,274	\$ 22,231,393	
c	Debt Service - Extra Principal Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
d	Capital Additions/Replacements (@ 2.5%)	\$ 536,400	\$ 699,000	\$ 716,475	\$ 734,387	\$ 752,747	\$ 771,565	\$ 4,210,574	
e	Operation & Maintenance Expenses (@ 2.5%)	\$ 14,925,725	\$ 15,024,080	\$ 15,399,682	\$ 15,784,674	\$ 16,179,291	\$ 16,583,773	\$ 93,897,225	
f	Hydro Electric Electric Exp Savings			\$ (112,499)	\$ (112,499)	\$ (112,499)	\$ (112,499)	\$ (449,996)	
	Estimated Expenditures	\$ 18,259,525	\$ 18,798,680	\$ 19,781,979	\$ 20,926,360	\$ 22,080,813	\$ 23,250,371	\$ 123,097,728	
	Total Estimate All Expenditures:	\$ 22,180,025	\$ 20,896,180	\$ 23,208,979	\$ 25,320,360	\$ 28,330,813	\$ 30,740,371	\$ 150,676,728	
V.	Schedule of Water Rates:	1-Jan-20	1-Jan-21	1-Jan-22	1-Jan-23	1-Jan-24	1-Jan-25		
a	% of Rate Increase - approx. **	0.00%	0.00%	5.00%	5.00%	5.00%	5.00%		
b	2013 Master Plan Rate Increase Recommendations	4.5%	3.4%	3.0%					
	** 2.0% plus \$.10 (debt service)								
c	Residential Rate / 1,000 Gal. (1st tier)	\$4.29	\$4.29	\$4.50	\$4.73	\$4.97	\$5.21		
d	Service Fee: 3/4" Meter	\$5.94	\$5.94	\$6.24	\$6.55	\$6.88	\$7.22		

Water Enterprise Fund
Current FY Adjusted Budget w/5 Year Projections

Item #	Explanation	Adjusted Budget FY 2021	Projection FY 2022	Projection FY 2023	Projection FY 2024	Projection FY 2025	Projection FY 2026	Expenditures 5 year Total	Comments
e	Residential Cost of 8,000 Gal.	\$47.52	\$47.52	\$49.90	\$52.39	\$55.01	\$57.76		
f	Commercial Rate	\$4.90	\$4.90	\$5.15	\$5.40	\$5.67	\$5.96		
g	Commercial Cost of 20,000 Gal.	\$98.00	\$98.00	\$102.90	\$108.05	\$113.45	\$119.12		
h	Lrg. Vol. Ind. Rate per 1,000 Gal.	\$4.71	\$4.71	\$4.95	\$5.19	\$5.45	\$5.73		
VI. Water Revenue:									
a	Water Sales Revenue	\$ 20,880,300	\$ 19,148,200	\$ 20,105,610	\$ 21,110,891	\$ 22,166,435	\$ 23,274,757	\$ 126,686,192	
b	Other Revenue	\$ 678,000	\$ 943,000	\$ 971,290	\$ 1,000,429	\$ 1,030,442	\$ 1,061,355	\$ 5,684,515	
c	System Development / Pump Station Fees	\$ 1,930,600	\$ 1,820,000	\$ 1,874,600	\$ 1,930,838	\$ 1,988,763	\$ 2,048,426	\$ 11,593,227	
d	Grants	8,040,000	2,010,000	-	-	-	776,530	\$ 10,828,530	
e	Other								
Total Revenue		\$ 23,488,900	\$ 21,911,200	\$ 22,951,500	\$ 24,042,157	\$ 25,185,640	\$ 26,384,538	\$ 154,790,465	
VII. Status of Working Capital:									
		28-Feb-21	1-Jul-21	1-Jul-22	1-Jul-23	1-Jul-24	1-Jul-25		
a	Cash & Investments	\$ 31,643,182	\$ 4,468,444	\$ 5,983,464	\$ 6,225,985	\$ 5,447,783	\$ 2,802,610		
b	Est 'Revenues/Receivables/Due from Gov't	\$ 6,374,348	\$ 21,911,200	\$ 22,951,500	\$ 24,042,157	\$ 25,185,640	\$ 26,384,538		
c	Loan / Bond / Grant Proceeds	\$ 11,976,319	\$ 990,000	\$ -	\$ -	\$ -	\$ 382,470		
d	Est Expenditures/Payables	\$ (33,549,086)	\$ (20,896,180)	\$ (23,208,979)	\$ (25,320,360)	\$ (28,330,813)	\$ (30,740,371)	Current Minimum	
e	O & M/Capital/Projects Not Carried Over		\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	Recommendation	
f	Estimated Cash Available	\$ 4,468,444	\$ 5,983,464	\$ 6,225,985	\$ 5,447,783	\$ 2,802,610	\$ (1,053,224)	\$ 11,102,977	
Projection as of ...		28-Feb-21							

Fund Balances: Unrestricted \$10,172,594/ Restricted \$6,272,170

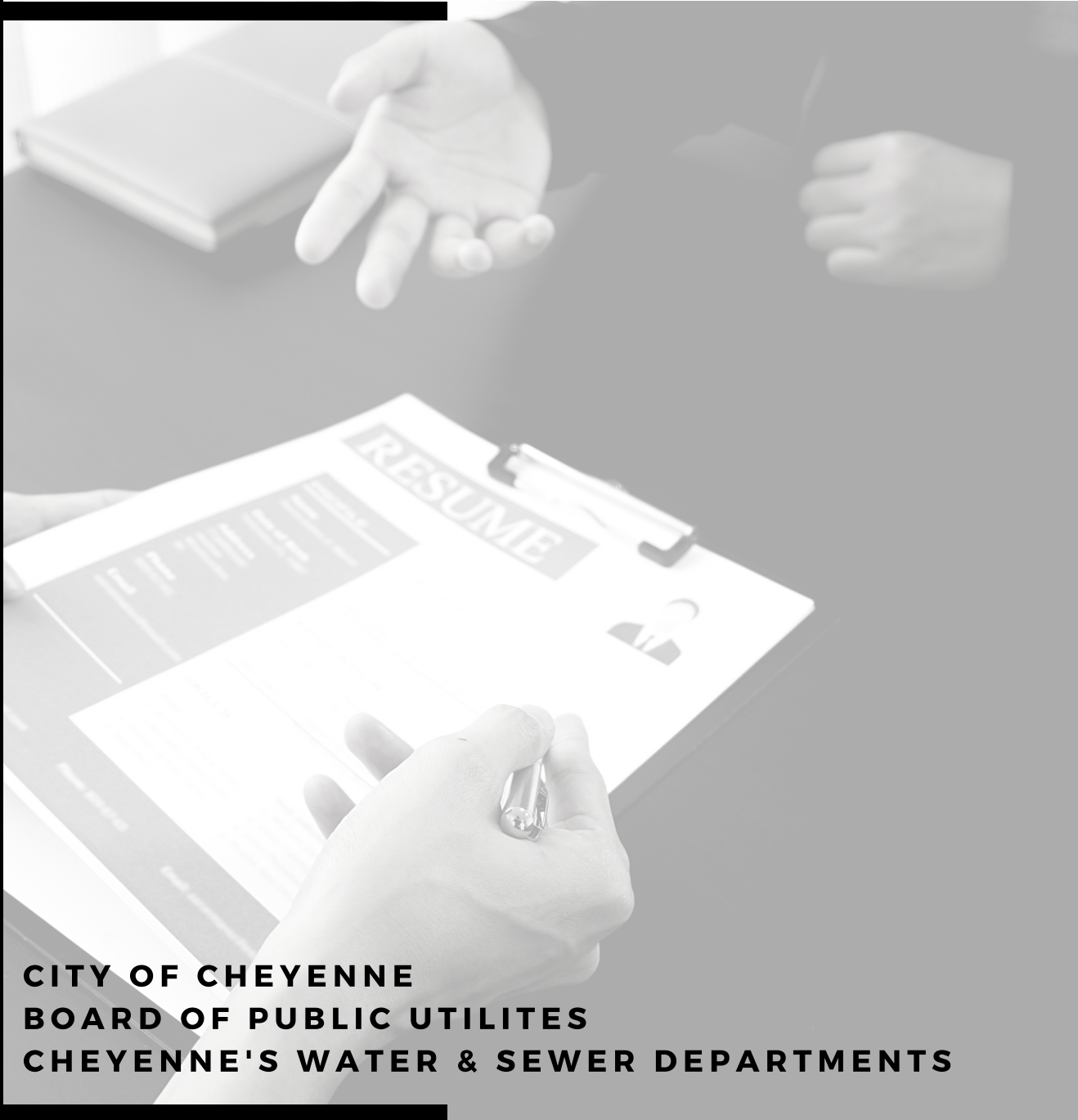
Sewer Enterprise Fund
Current FY Adjusted Budget w/5 Year Projections

Item #	Explanation	Adjusted Budget FY 2021	Projection FY 2022	Projection FY 2023	Projection FY 2024	Projection FY 2025	Projection FY 2026	Expenditures 5 year Total	Comments
I.	Sewer Construction Projects / Studies:								
	Non Potable Water Treatment and Distribution								
a	Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Wastewater Collection								
a	Capital Projects	\$ 3,622,500	\$ 1,990,000	\$ 3,013,000	\$ 3,683,000	\$ 4,748,000	\$ 4,990,000	\$ 22,046,500	
	Total	\$ 3,622,500	\$ 1,990,000	\$ 3,013,000	\$ 3,683,000	\$ 4,748,000	\$ 4,990,000	\$ 22,046,500	
	Wastewater Treatment								
a	Capital Projects	\$ -	\$ -	\$ -	\$ 1,004,000	\$ -	\$ -	\$ 1,004,000	
	Total	\$ -	\$ -	\$ -	\$ 1,004,000	\$ -	\$ -	\$ 1,004,000	
	Water Reclamation Development								
a	Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Large Collection Main Projects								
a	Capital Projects	\$ 2,747,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,747,700	
	Total	\$ 2,747,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,747,700	
	Other Projects:								
a	Capital Projects	\$ -	\$ 39,000	\$ 41,000	\$ 42,000	\$ 239,000	\$ -	\$ 361,000	
	Total	\$ -	\$ 39,000	\$ 41,000	\$ 42,000	\$ 239,000	\$ -	\$ 361,000	
	Estimated Construction Project Costs	\$ 6,370,200	\$ 2,029,000	\$ 3,054,000	\$ 4,729,000	\$ 4,987,000	\$ 4,990,000	\$ 26,159,200	
II.	Bond and Loan Proceeds:								
a	Capital Projects	\$ -	\$ -	\$ -	\$ 109,000	\$ 2,528,000	\$ 19,260,000	\$ 21,897,000	
III.	Summary of New Debt Service:								
a	Capital Projects	\$ -	\$ -	\$ -	\$ 1,362.50	\$ 34,325.00	\$ 310,942.04	\$ 346,629.54	
IV.	Sewer Expenditures:								
a	Debt Service - New	\$ -	\$ -	\$ -	\$ 1,363	\$ 34,325	\$ 310,942	\$ 346,630	
b	Debt Service - Existing	\$ 3,638,800	\$ 3,639,500	\$ 3,639,500	\$ 3,639,500	\$ 3,640,863	\$ 3,675,188	\$ 21,873,350	
c	Debt Service - Extra Principal Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
d	Capital Additions/Replacements (@ 2.5%)	\$ 1,099,251	\$ 259,000	\$ 265,475	\$ 272,112	\$ 278,915	\$ 285,888	\$ 2,460,640	
e	Operation & Maintenance Expenses (@ 2.5%)	\$ 8,762,098	\$ 8,096,300	\$ 8,298,708	\$ 8,506,175	\$ 8,718,830	\$ 8,936,800	\$ 61,318,911	
	Estimated Expenditures	\$ 13,500,149	\$ 11,994,800	\$ 12,203,683	\$ 12,419,150	\$ 12,672,932	\$ 13,208,817	\$ 75,999,530	
	Total Estimate All Expenditures:	\$ 19,870,349	\$ 14,023,800	\$ 15,257,683	\$ 17,148,150	\$ 17,659,932	\$ 18,198,817	\$ 102,158,730	
V.	Schedule of Sewer Rates:	1-Jan-20	1-Jan-21	1-Jan-22	1-Jan-23	1-Jan-24	1-Jan-25		
a	% of Rate Increase - approx. **	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%		
b	2013 Master Plan Rate Increase Recommendations ** 2.0% plus \$.10 (debt service)	7.0%	6.0%	4.0%	3.0%	4.0%	3.0%		
c	Res, Com, Ind, Rate per 1,000 Gal.	\$5.15	\$5.15	\$5.40	\$5.67	\$5.96	\$6.25		
d	Service Fee: 3/4" Meter	\$5.23	\$5.23	\$5.49	\$5.76	\$6.05	\$6.36		

Sewer Enterprise Fund
Current FY Adjusted Budget: w/5 Year Projections

Item #	Explanation	Adjusted Budget FY 2021	Projection FY 2022	Projection FY 2023	Projection FY 2024	Projection FY 2025	Projection FY 2026	Expenditures 5 year Total	Comments
e	Residential Cost of 4,000 Gallons	\$20.60	\$20.60	\$21.63	\$22.71	\$23.85	\$25.04		
f	Commercial Cost of 12,000 Gallons	\$61.80	\$61.80	\$64.89	\$68.13	\$71.54	\$75.12		
VI. Sewer Revenue:									
a	Revenue - charges for service**	\$ 13,465,700	\$ 12,842,500	\$ 13,484,625	\$ 14,158,856	\$ 14,866,799	\$ 15,610,139	\$ 84,428,619	
b	Revenue - interest, miscellaneous, other	\$ 596,000	\$ 629,500	\$ 660,975	\$ 694,024	\$ 728,725	\$ 765,161	\$ 4,074,386	
c	System Development Fees	\$ 600,000	\$ 850,000	\$ 892,500	\$ 937,125	\$ 983,981	\$ 1,033,180	\$ 5,296,787	
d	Grants	-	-	-	-	-	-	\$ -	
e	Other	-	-	-	-	-	-	-	
	Total Revenue	\$ 14,661,700	\$ 14,322,000	\$ 15,038,100	\$ 15,790,005	\$ 16,579,505	\$ 17,408,481	\$ 93,799,791	
VII. Status of Working Capital:									
		28-Feb-21	1-Jul-21	1-Jul-22	1-Jul-23	1-Jul-24	1-Jul-26		
a	Cash & Investments (Inc. Bond Res)	\$ 17,124,020	\$ 4,685,639	\$ 4,983,839	\$ 4,764,257	\$ 3,406,112	\$ 2,325,685		
b	Est 'Revenues/Receivables/Due from Gov't	\$ 4,752,158	\$ 14,322,000	\$ 15,038,100	\$ 15,790,005	\$ 16,579,505	\$ 17,408,481		
c	Loan / Bond / Grant Proceeds	\$ -	\$ -	\$ -	\$ 109,000	\$ 2,528,000	\$ 19,260,000		
d	Expenditures/Payables	\$ (17,190,539)	\$ (14,023,800)	\$ (15,257,683)	\$ (17,148,150)	\$ (17,659,932)	\$ (18,198,817)		
e	Proposed Debt Service Reduction Payment	\$ -						Current Minimum	
f	Self Insurance Reserve	\$ -						Recommendation	
g	Estimated Cash Available - End of Fiscal Year	\$ 4,685,639	\$ 4,983,839	\$ 4,764,257	\$ 3,406,112	\$ 2,325,685	\$ 1,535,349	\$ 6,272,167	Unrestricted is \$2,987,552 Restricted is \$1,698,087
	Projection as of ...	28-Feb-21							

COMPENSATION PLAN



**CITY OF CHEYENNE
BOARD OF PUBLIC UTILITIES
CHEYENNE'S WATER & SEWER DEPARTMENTS**

April 26, 2021
Fiscal Year 2022 Budget
July 1, 2021 - June 30, 2022

**BOARD OF PUBLIC UTILITIES
WATER AND SEWER DEPARTMENTS**

**of the
City of Cheyenne, Wyoming**

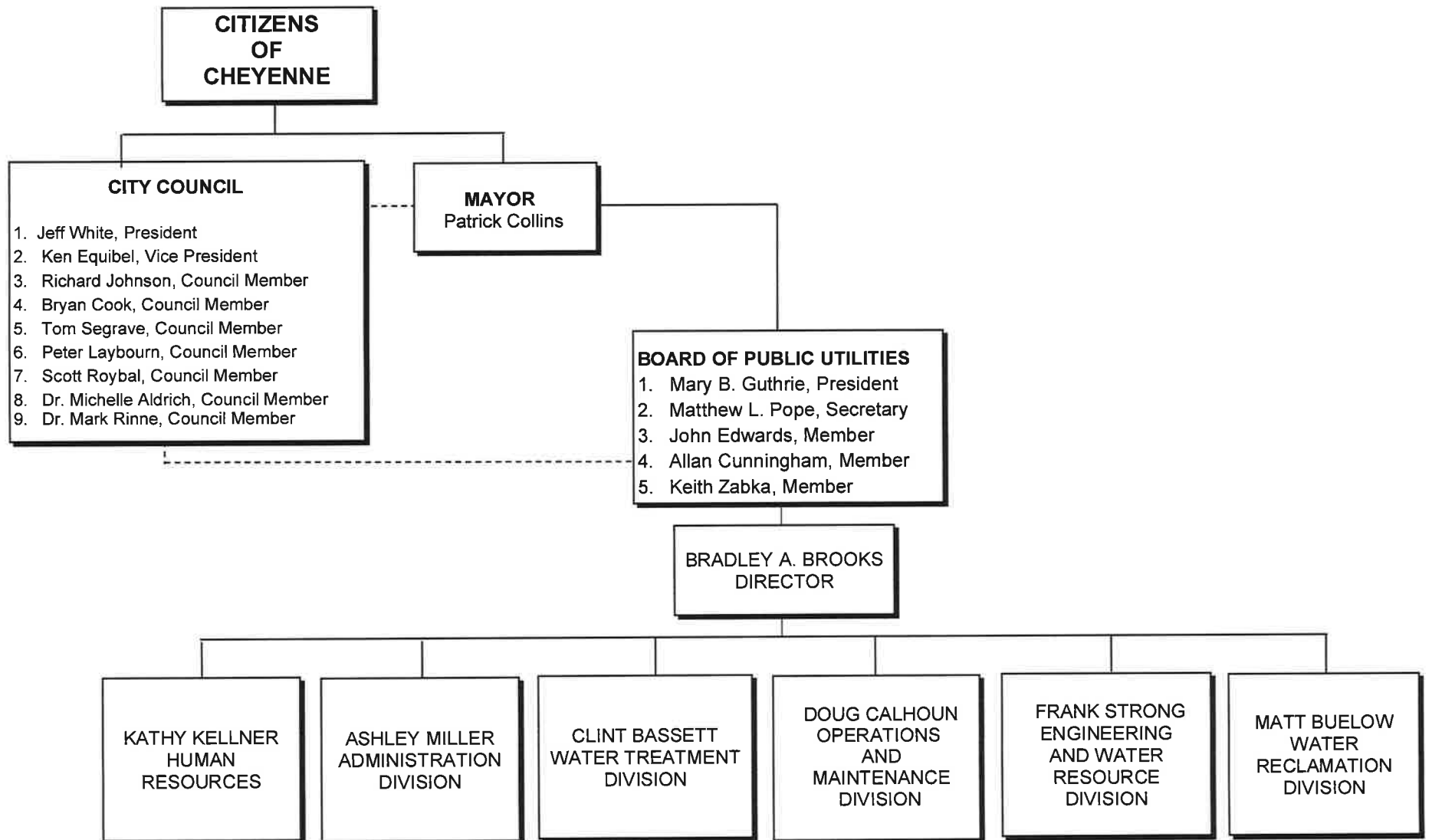
**COMPENSATION PAY PLAN
WITH
JOB POSITIONS AND PAY RANGES
FOR THE PERIOD OF**

JULY 1, 2021 – JUNE 30, 2022

**Prepared by
Kathy Kellner, Human Resource Manager**

Job Positions and Pay Ranges
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BOARD OF PUBLIC UTILITIES
BUDGETED POSITIONS

Division	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Administration:										
Management/Acting & Administrative	6.5	6.5	6.5	6.5	6	6	6	6	6	6
Customer Services	7.5	7.5	6.5	6	6	6	6	6	6	6
Information Technology	5	5	5	4	4	4	4	4	4	4
Meter Information	4	4	5	5	5	5	5	5	5	5
Water Conservation	1	1	1	1	1	1	1	1	1	1
Safety/Security	1	1	1	1	1	1	1	1	1	1
Subtotal	25	25	25	23.5	23	23	23	23	23	23
Water Treatment:										
Management/Administrative	1.5	1.5	2	2	2	2	2	2	2	2
Plant Supervisor/Operators	12	11	11	11	11	11	11	11	11	11
Water Plant Maint Mechanic	2	2	2	2	2	2	2	2	2	2
Laboratory Staff	2	2	2	2	2	2	2	2	2	2
Wellfield Group			3	3	3	3	3	3	3	3
Source of Supply	9	9	6							
Subtotal	26.5	25.5	26	20	20	20	20	20	20	20
Operation & Maintenance:										
Manager	1	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Distribution	13	13	13	13	13	12	13	13	13	13
Collection	15	15	15	15	15	15	14	12	12	12
Support Services	14.5	11	11	11	11	11	11	11	11	11
Subtotal	43.5	44.5	44.5	44.5	44.5	43.5	43.5	41.5	41.5	41.5
Engineering & Water Resource:										
Management/Engineering Staff	7	8	8	8	8	8	8	7	7	7
Inspection/Locates/Development	5	4	4	4	4	4	4	4	4	4
Instrumentation & Telemetry	5	5	5	5	5	5	5	4	4	4
Source of Supply				6	6	6	6	6	6	6
Subtotal	17	17	17	23	23	23	23	21	21	21
Water Reclamation:										
Management/Compliance/Admin	5.5	5.5	6	6	6	6	6	6	5	5
Laboratory Staff	2	2	2	2	2	2	2	2	2	2
Plant Supervisors/Operators	16	16	16	16	16	16	16	16	16	16
Subtotal	23.5	23.5	24	24	24	24	24	24	23	23
TOTAL	135.5	135.5	136.5	135	134.5	133.5	133.5	129.5	128.5	128.5

BOARD OF PUBLIC UTILITIES
BUDGETED POSITIONS

FY22to13 (2)

Division	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Administration:										
Director	1	1	1	1	1	1	1	1	1	1
Administration Division Manager	1	1	1	1	1	1	1	1	1	1
Human Resource Manager	1	1	1	1	1	1	1	1	1	1
Human Resource Specialist	0.5	0.5	0.5	0.5						
Accounting Supervisor	1	1	1	1	1	1	1	1	1	1
Accountant	1	1	1	1	1	1	1	1	1	1
Administrative & Public Affairs Coordinator	1	1	1	1	1	1	1	1	1	1
Customer Services Supervisor	1	1	1	1	1	1	1	1	1	1
Customer Service Representative (Entry & SR)	6.5	6.5	5.5	5	5	5	5	5	5	5
Meter Information Supervisor	1	1	1	1	1	1	1	1	1	1
Meter Information Technician (1,2)	3	3	4	4	4	4	4	4	4	4
Infor. Technology Supervisor	1	1	1	1	1	1	1	1	1	1
Infor. Tech Network and Systems Administrator	1	1	1	1	1	1	1	1	1	1
Infor. Tech Database Administrator	1	1	1							
Infor. Technology Specialist	2	2	2	2	2	2	2	2	2	1
Infor. Technology Operator / Trainer	**	**	**	**	**	**	**	**	**	1
Water Conservation Specialist	1	1	1	1	1	1	1	1	1	1
Safety & Security Officer	1	1	1	1	1	1	1	1	1	1
Subtotal	25	25	25	23.5	23	23	23	23	23	23
Water Treatment:										
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Water Treatment Division Manager	1	1	1	1	1	1	1	1	1	1
WT Plant Supervisor	1	1	1	1	1	1	1	1	1	1
Lead WT Plant Operator	1	1	1	1	1	1	1	1	1	1
WT Plant Operator (1,2,3,4)	10	9	9	9	9	9	9	9	9	9
WT Plant Maintenance Operator	2	2	2	2	2	2	2	2	2	2
Water Quality Control Supervisor	0.5	0.5	1	1	1	1	1	1	1	1
Water Quality Control Analyst (Entry & Senior)	1.5	1.5	1	1	1	1	1	1	1	1
Administrative Support Specialist	0.5	0.5	1	1	1	1	1	1	1	1
Source of Supply/Wellfield										
Source of Supply Supervisor	1	1	1							
Lead Operations & Maintenance Technician	3	3	3	1	1	1	1	1	1	1
Operations & Maintenance Technician (1,2,3,4)	5	5	5	2	2	2	2	2	2	2
Subtotal	26.5	25.5	26	20	20	20	20	20	20	20

BOARD OF PUBLIC UTILITIES
BUDGETED POSITIONS

FY22to13 (2)

Operation and Maintenance:

Support Staff

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Operation & Maintenance Division Manager	1	1	1	1	1	1	1	1	1	1
Material Resource Supervisor	0	1	1	1	1	1	1	1	1	1
Inventory Control Specialist	1	1	1	1	1	1	1	1	1	1
Dispatch Specialist	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Administrative Support Specialist	0	1	1	1	1	1	1	1	1	1
Distribution System										
Operations & Maintenance Supervisor	1	1	1	1	1	1	1	1	1	1
Lead Operations & Maintenance Technician	4	4	4	4	4	4	4	4	4	4
Operations & Maintenance Technicians (1,2,3,4)	8	8	8	8	8	7	8	8	8	8
Collection System										
Operations & Maintenance Supervisor	1	1	1	1	1	1	1	1	1	1
Lead Operations & Maintenance Technician	4	4	4	4	4	4	4	4	4	4
Operations & Maintenance Technician (1,2,3,4,)	10	10	10	10	10	10	9	7	7	7
Support Services										
Support Services Supervisor	1	1	1	1	1	1	1	1	1	1
Support Services Coordinator	1									
Mechanic, (Entry & Senior)	2	2	2	2	2	2	2	2	2	2
Lead Meter Maintenance Technician	1	1	1	1	1	1	1	1	1	1
Meter Maintenance Technician (1,2)	3	3	3	3	3	3	3	3	3	3
Water Cross-Connection Control Technician	1	1	1	1	1	1	1	1	1	1
Safety/Traffic Control Specialist	1	1	1	1	1	1	1	1	1	1
Safety/Traffic Control Technician	1	1	1	1	1	1	1	1	1	1
Buildings & Grounds Technician	1	1	1	1	1	1	1	1	1	1
Subtotal	43.5	44.5	44.5	44.5	44.5	43.5	43.5	41.5	41.5	41.5

BOARD OF PUBLIC UTILITIES
BUDGETED POSITIONS

Engineering & Water Resource:

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Engineering & Water Resource Division Manager	1	1	1	1	1	1	1	1	1	1
Capital Projects Engineering Supervisor	1	1	1	1	1	1	1	1	1	1
Capital Projects Engineer 2	1	1	1	1	1	1	1	1	1	1
Capital Projects Engineer 1	1	1								
Development Specialist	1	1	1	1	1	1	1	1	1	1
GIS Supervisor	1	1	1	1	1	1	1	1	1	1
GIS Technician (1,2,3)	2	2	2	2	2	2	2	1	1	1
Inspection Supervisor	1	1	1	1	1	1	1	1	1	1
Construction Inspector	3	3	3	3	3	3	3	3	3	3
GPS-GIS Utility Locator/Construction Inspector			1	1	1	1	1	1	1	1
Control Systems Supervisor	1	1	1	1	1	1	1	1	1	1
Control Systems Engineer	1	1	1	1	1	1	1			
Control Systems Specialist/Electrician	1	1	1	1	1	1	1	1	1	1
Instrumentation Technician	2	2	2	2	2	2	2	2	2	2
Source of Supply										
Source of Supply Supervisor				1	1	1	1	1	1	1
Lead Operations & Maintenance Technician				2	2	2	2	2	2	2
Operations & Maintenance Technician (1,2,3,4,)				3	3	3	3	3	3	3
Subtotal	17	17	17	23	23	23	23	21	21	21

Water Reclamation:

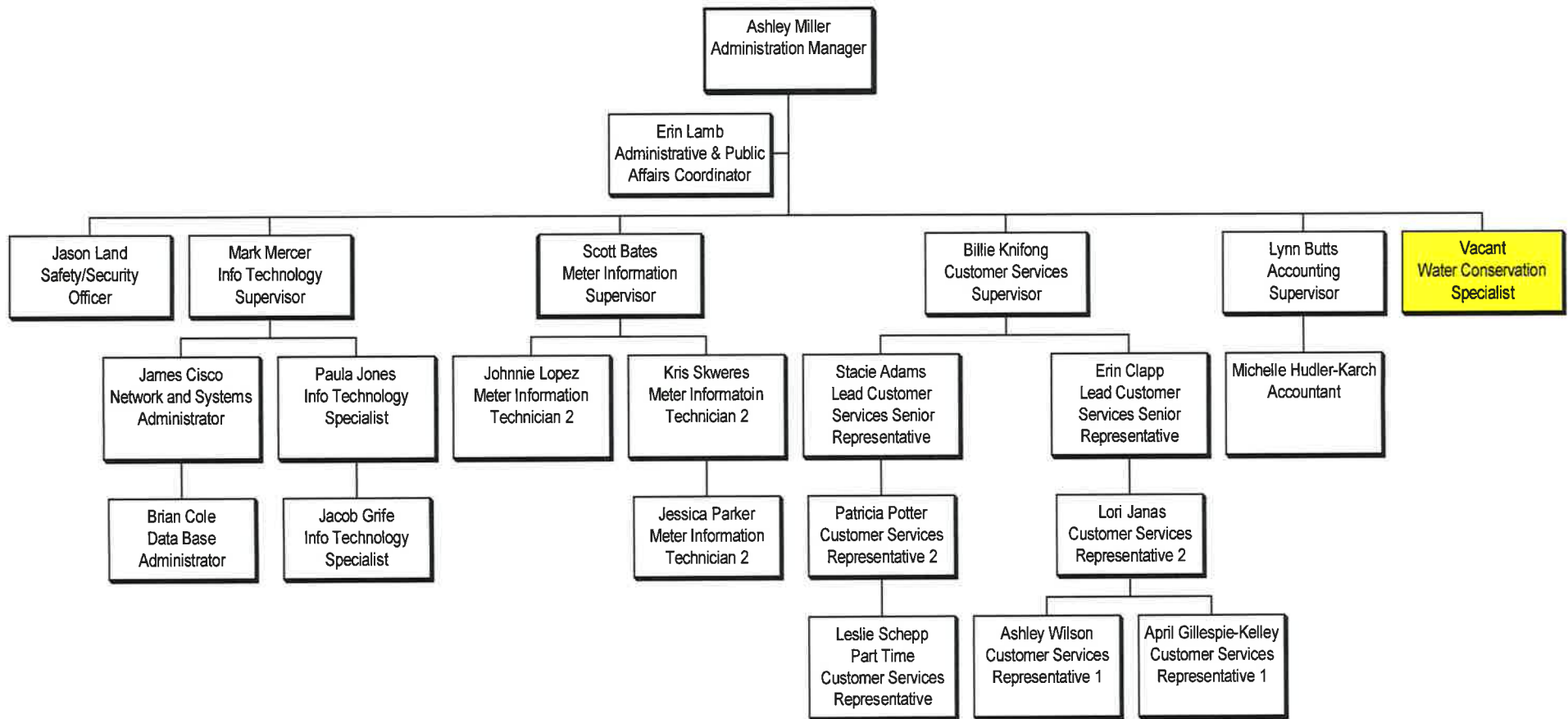
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Water Reclamation Division Manager	1	1	1	1	1	1	1	1	1	1
Compliance Supervisor	1	1	1	1	1	1	1	1	1	1
Industrial Pretreatment Program Coordinator	1	1	1	1	1	1	1	1	1	1
Industrial Pretreatment Program Specialist	1	1	1	1	1	1	1	1		
Biosolids Program Coordinator	1	1	1	1	1	1	1	1	1	1
Wastewater Quality Control Supervisor	0.5	0.5	1	1	1	1	1	1	1	1
WW Quality Control Senior Analyst(Entry & Senior)	1.5	1.5	1	1	1	1	1	1	1	1
Administrative Support Specialist	0.5	0.5	1	1	1	1	1	1	1	1
Plant Operations & Maintenance Supervisor	1	1	1	1	1	1	1	1	1	1
Lead Operations & Maintenance Plant Operator	1	1	1	1	1	1	1	1		
Wastewater Treatment Plant Operator (1,2,3,4)	11	11	11	11	11	11	14	14	15	15
Wastewater Plant Maintenance Operator	3	3	3	3	3	3				
Subtotal	23.5	23.5	24	24	24	24	24	24	23	23

TOTAL

135.5	135.5	136.5	135	134.5	133.5	133.5	129.5	128.5	128.5
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Administration Division Organizational Chart

April 2021



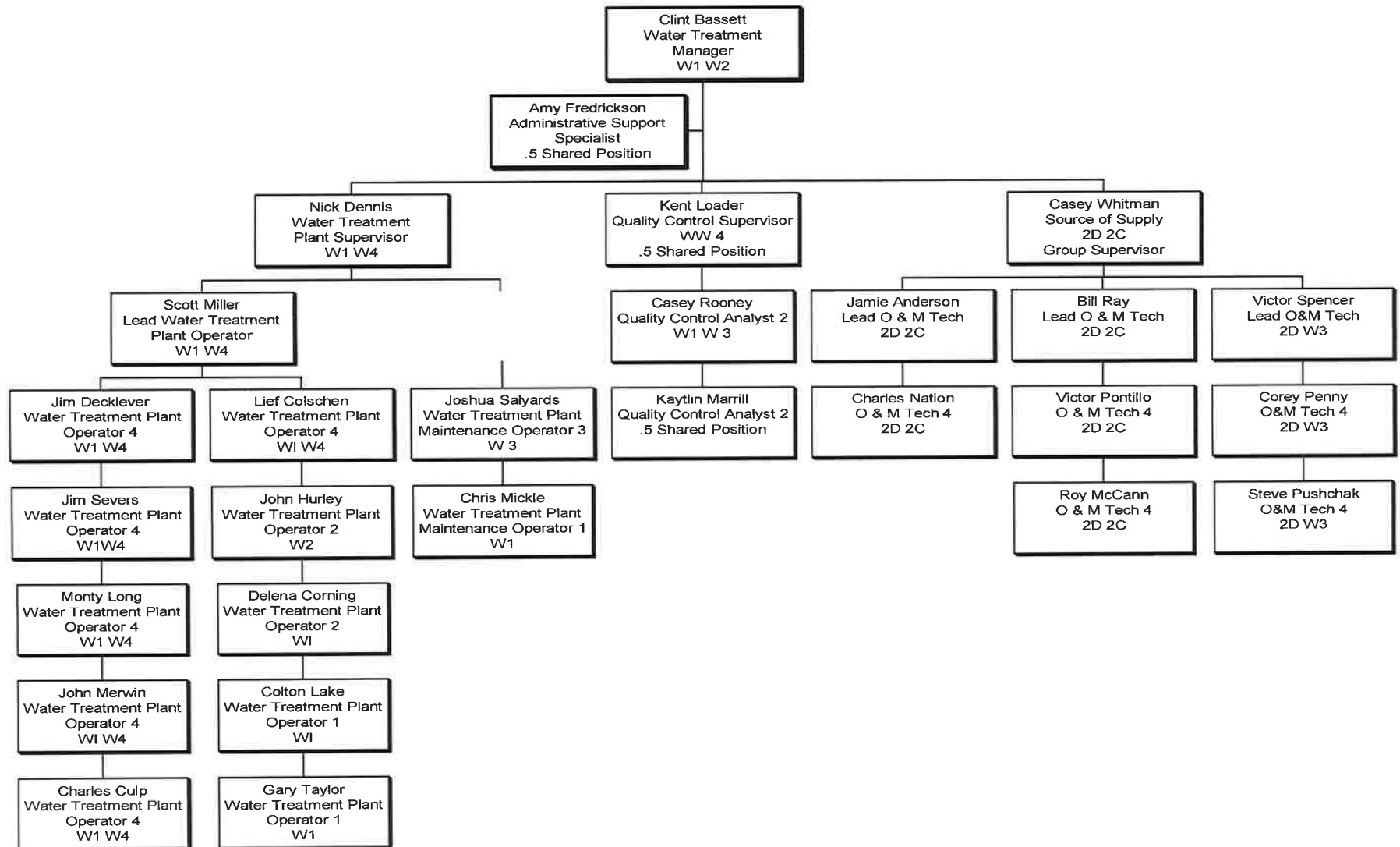
PAYROLL JOB CLASSIFICATION

Administration Division Position Title	April 1, 2021					July 1, 2021				
	Job Class	Pay Grade	Current Monthly Pay Ranges			Job Class	Pay Grade	Proposed Monthly Pay Ranges		
			Min	Mid	Max			Min	Mid	Max
Director	9100	55	\$8,769.00	\$11,051.50	\$13,334.00	9100	55	\$9,207.00	\$11,603.50	\$14,000.00
Administration Division Manager	5000	53	6,683.00	8,424.50	10,166.00	5000	53	7,017.00	8,845.50	10,674.00
Human Resource Manager	6000	52	6,004.00	7,568.50	9,133.00	6000	52	6,304.00	7,947.00	9,590.00
Human Resource Specialist	6100	24	3,344.00	4,013.50	4,683.00	6100	24	3,478.00	4,174.00	4,870.00
Accounting Supervisor (CPA) Vacant	5200	51	5,434.00	6,852.50	8,271.00	5200	51	5,706.00	7,195.50	8,685.00
Accounting Supervisor (no CPA)	5200	50	4,846.00	6,111.00	7,376.00	5200	50	5,088.00	6,416.50	7,745.00
Accountant	5210	25	3,889.00	4,669.00	5,449.00	5210	25	4,045.00	4,856.00	5,667.00
Admin & Public Affairs Coordinator	5110	26	4,247.00	5,098.00	5,949.00	5110	26	4,417.00	5,302.00	6,187.00
Customer Services Supervisor	5400	50	4,846.00	6,111.00	7,376.00	5400	50	5,088.00	6,416.50	7,745.00
Lead Customer Service Rep	5410	24	3,344.00	4,013.50	4,683.00	5410	24	3,478.00	4,174.00	4,870.00
Customer Services Representative 2	5410	23	2,952.00	3,543.50	4,135.00	5410	23	3,070.00	3,685.00	4,300.00
Customer Services Representative 1	5410	22	2,572.00	3,086.50	3,601.00	5410	22	2,675.00	3,210.00	3,745.00
Customer Services Representative PT	5410	22	2,572.00	3,087.00	3,601.00	5410	22	2,675.00	3,210.00	3,745.00
Information Technology Supervisor	5500	52	6,004.00	7,568.50	9,133.00	5500	52	6,304.00	7,947.00	9,590.00
Network and Systems Administrator	5520	50	4,846.00	6,111.00	7,376.00	5520	50	5,088.00	6,416.50	7,745.00
Database Administrator	5530	50	4,846.00	6,111.00	7,376.00	5530	50	5,088.00	6,416.50	7,745.00
Information Technology Specialist	5510	24	3,344.00	4,013.50	4,683.00	5510	24	3,478.00	4,174.00	4,870.00
Meter Information Supervisor	5300	27	4,732.00	5,680.50	6,629.00	5300	27	4,921.00	5,907.50	6,894.00
Meter Information Technician 2	5310	24	3,344.00	4,013.50	4,683.00	5310	24	3,478.00	4,174.00	4,870.00
Meter Information Technician 1	5310	23	2,952.00	3,543.50	4,135.00	5310	23	3,070.00	3,685.00	4,300.00
Water Conservation Specialist	5700	50	4,846.00	6,111.00	7,376.00	5700	50	5,088.00	6,416.50	7,745.00
Safety & Security Officer	5600	50	4,846.00	6,111.00	7,376.00	5600	50	5,088.00	6,416.50	7,745.00

Other Rates of Pay	Current	Proposed
a Temporary Employees	\$ 9.00 -- \$ 50.00	\$ 10.00 -- \$ 75.00
b Duty Truck & Well Duty On Call Pay	\$ 2.50 / hour	\$ 2.50 / hour
c Assistants On Call Pay	\$ 1.50 / hour	\$ 1.50 / hour
d Mileage Rate per Mile	Varies	Varies based on IRS Mileage reimbursement rate
e Mileage Rate per Day/ Meter Reader	\$ 9.50 / Day	\$ 9.50 / Day
f Shift Differential		
Evening (3pm-11pm)	\$ 1.50 / hour	\$ 1.50 / hour
Night (11pm-7am)	\$ 2.00 / hour	\$ 2.00 / hour
Weekend Day Shift (7am-3pm)	\$ 1.00 / hour	\$ 1.00 / hour

Water Treatment Division Organizational Chart

April 2021

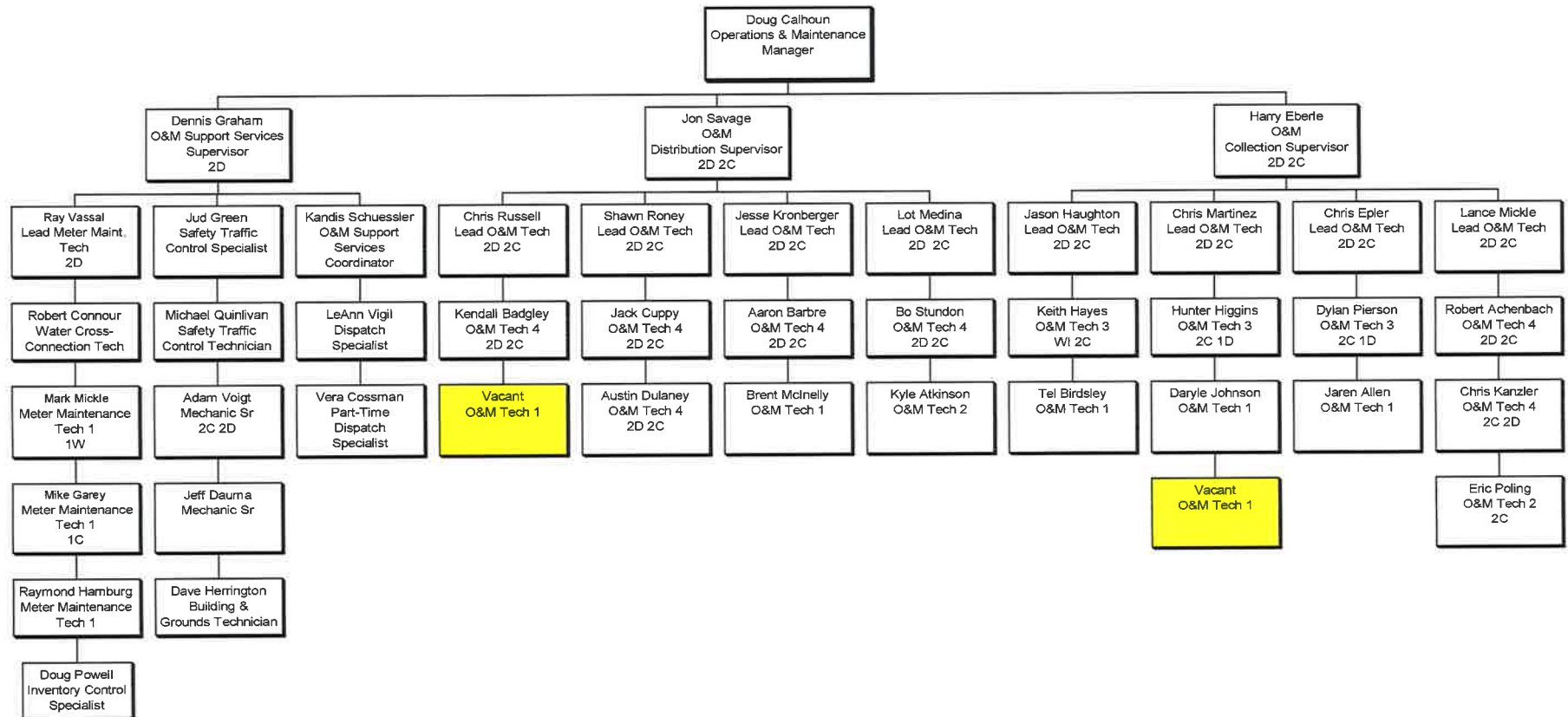


PAYROLL JOB CLASSIFICATION

			April 1, 2021			July 1, 2021				
Water Treatment Division	Job	Pay	Current Monthly Pay Ranges			Job	Pay	Proposed Monthly Pay Ranges		
Position Title	Class	Grade	Min	Mid	Max	Class	Grade	Min	Mid	Max
Water Treatment Division Manager	1000	53	\$6,683.00	\$8,424.50	\$10,166.00	1000	53	\$7,017.00	\$8,846.00	\$10,674.00
Water Treatment Plant Supervisor	1200	50	4,846.00	6,111.00	7,376.00	1200	50	5,088.00	6,417.00	7,745.00
Lead Water Treatment Plant Operator	1210	26	4,247.00	5,098.00	5,949.00	1210	26	4,417.00	5,302.00	6,187.00
Water Treatment Plant Operator 4	1220	25	3,889.00	4,669.00	5,449.00	1220	25	4,045.00	4,856.00	5,667.00
Water Treatment Plant Operator 3	1220	24	3,344.00	4,013.50	4,683.00	1220	24	3,478.00	4,174.00	4,870.00
Water Treatment Plant Operator 2	1220	23	2,952.00	3,543.50	4,135.00	1220	23	3,070.00	3,685.00	4,300.00
Water Treatment Plant Operator 1	1220	23	2,952.00	3,543.50	4,135.00	1220	23	3,070.00	3,685.00	4,300.00
Plant Maintenance Operator 4	1230	25	3,889.00	4,669.00	5,449.00	1230	25	4,045.00	4,856.00	5,667.00
Plant Maintenance Operator 3	1230	24	3,344.00	4,013.50	4,683.00	1230	24	3,478.00	4,174.00	4,870.00
Plant Maintenance Operator 2	1230	23	2,952.00	3,543.50	4,135.00	1230	23	3,070.00	3,685.00	4,300.00
Plant Maintenance Operator 1	1230	23	2,952.00	3,543.50	4,135.00	1230	23	3,070.00	3,685.00	4,300.00
Water Quality Control Supervisor	1300/2300	51	5,434.00	6,852.50	8,271.00	1300/2300	51	5,706.00	7,196.00	8,685.00
Water Quality Control Analyst 2	1310	25	3,889.00	4,669.00	5,449.00	1310	25	4,045.00	4,856.00	5,667.00
Water Quality Control Analyst 1	1310	24	3,344.00	4,013.50	4,683.00	1310	24	3,478.00	4,174.00	4,870.00
Lead Operations & Maintenance Tech	1410	26	4,247.00	5,098.00	5,949.00	1410	26	4,417.00	5,302.00	6,187.00
Operations & Maintenance Tech 4	1420	25	3,889.00	4,669.00	5,449.00	1420	25	4,045.00	4,856.00	5,667.00
Operations & Maintenance Tech 3	1420	24	3,344.00	4,013.50	4,683.00	1420	24	3,478.00	4,174.00	4,870.00
Operations & Maintenance Tech 2	1420	23	2,952.00	3,543.50	4,135.00	1420	23	3,070.00	3,685.00	4,300.00
Operations & Maintenance Tech 1	1420	23	2,952.00	3,543.50	4,135.00	1420	23	3,070.00	3,685.00	4,300.00
Administrative Support Specialist	2100/1100	24	3,344.00	4,013.50	4,683.00	2100/1100	24	3,478.00	4,174.00	4,870.00

Other Rates of Pay	Current	Proposed
a Temporary Employees	\$ 9.00 -- \$ 50.00	\$ 10.00 -- \$75.00
b Duty Truck & Well Duty On Call Pay	\$ 2.50 / hour	\$ 2.50 / hour
c Assistants On Call Pay	\$ 1.50 / hour	\$ 1.50 / hour
d Mileage Rate per Mile	Varies	Varies based on IRS Mileage reimbursement rate
e Mileage Rate per Day/ Meter Reader	\$ 9.50 / Day	\$ 9.50 / Day
f Shift Differential		
Evening (3pm-11pm)	\$ 1.50 / hour	\$ 1.50 / hour
Night (11pm-7am)	\$ 2.00 / hour	\$ 2.00 / hour
Weekend Day Shift (7am-3pm)	\$ 1.00 / hour	\$ 1.00 / hour

Operations and Maintenance Division
Water Distribution & Wastewater Collection Organizational Chart
 April 2021



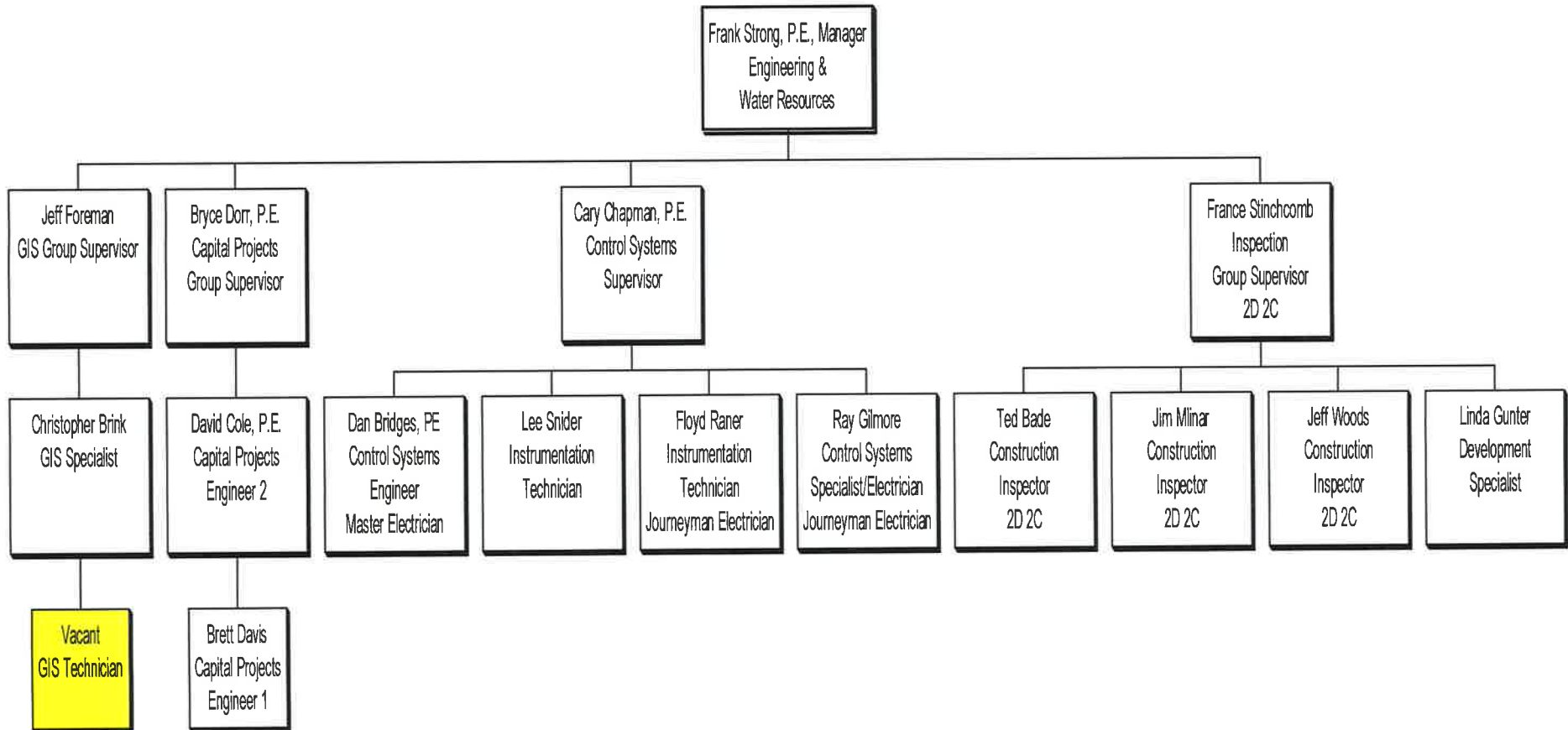
PAYROLL JOB CLASSIFICATION

Operations and Maintenance Division Position Title	Job Class	Pay Grade	April 1, 2021 Current Monthly Pay Ranges			Job Class	Pay Grade	July 1, 2021 Proposed Monthly Pay Ranges		
			Min	Mid	Max			Min	Mid	Max
Operations & Maintenance Division Manager	3000	53	\$6,683.00	\$8,424.50	\$10,166.00	3000	53	\$7,017.00	\$8,846.00	\$10,674.00
O & M Distribution and Collection Supervisor	3200/3300	50	4,846.00	6,111.00	7,376.00	3200/3300	50	5,088.00	6,416.50	7,745.00
Lead Operations & Maintenance Technician	3210/3310	26	4,247.00	5,098.00	5,949.00	3210/3310	26	4,417.00	5,302.00	6,187.00
Operations & Maintenance Technician 4	3220/3320	25	3,889.00	4,669.00	5,449.00	3220/3320	25	4,045.00	4,856.00	5,667.00
Operations & Maintenance Technician 3	3220/3320	24	3,344.00	4,013.50	4,683.00	3220/3320	24	3,478.00	4,174.00	4,870.00
Operations & Maintenance Technician 2	3220/3320	23	2,952.00	3,543.50	4,135.00	3220/3320	23	3,070.00	3,685.00	4,300.00
Operations & Maintenance Technician 1	3220/3320	23	2,952.00	3,543.50	4,135.00	3220/3320	23	3,070.00	3,685.00	4,300.00
Support Services Supervisor	3400	50	4,846.00	6,111.00	7,376.00	3400	50	5,088.00	6,416.50	7,745.00
Safety Traffic Control Specialist	3610	25	3,889.00	4,669.00	5,449.00	3610	25	4,045.00	4,856.00	5,667.00
Safety Traffic Control Technician	3600	24	3,344.00	4,013.50	4,683.00	3600	24	3,478.00	4,174.00	4,870.00
Mechanic 2	3650	25	3,889.00	4,669.00	5,449.00	3650	25	4,045.00	4,856.00	5,667.00
Mechanic 1	3650	24	3,344.00	4,013.50	4,683.00	3650	24	3,478.00	4,174.00	4,870.00
Dispatch Specialist	3720	23	2,952.00	3,543.50	4,135.00	3720	23	3,070.00	3,685.00	4,300.00
Building & Grounds Technician	3410	22	2,572.00	3,086.50	3,601.00	3410	22	2,675.00	3,210.00	3,745.00
Lead Meter Maintenance Technician	3510	25	3,889.00	4,669.00	5,449.00	3510	25	4,045.00	4,856.00	5,667.00
Meter Maintenance Technician 2	3510	24	3,344.00	4,013.50	4,683.00	3510	24	3,478.00	4,174.00	4,870.00
Meter Maintenance Technician 1	3510	23	2,952.00	3,543.50	4,135.00	3510	23	3,070.00	3,685.00	4,300.00
Water Cross-Connection Control Technician	3520	24	3,344.00	4,013.50	4,683.00	3520	24	3,478.00	4,174.00	4,870.00
Support Services Coordinator	3110	27	4,732.00	5,680.50	6,629.00	3110	27	4,921.00	5,907.50	6,894.00
Inventory Control Specialist	3710	23	2,952.00	3,543.50	4,135.00	3710	23	3,070.00	3,685.00	4,300.00

Other Rates of Pay	Current	Proposed
a Temporary Employees	\$ 9.00 - \$ 50.00	\$ 10.00 - \$ 75.00
b Duty Truck & Well Duty On Call Pay	\$ 2.50 / hour	\$ 2.50 / hour
c Assistants On Call Pay	\$ 1.50 / hour	\$ 1.50 / hour
d Mileage Rate per Mile	Varies	Varies based on IRS Milage reimbursement rate
e Mileage Rate per Day/ Meter Reader	\$ 9.50 / Day	\$ 9.50 / Day
f Shift Differential		
Evening (3pm-11pm)	\$ 1.50 / hour	\$ 1.50 / hour
Night (11pm-7am)	\$ 2.00 / hour	\$ 2.00 / hour
Weekend Day Shift (7am-3pm)	\$ 1.00 / hour	\$ 1.00 / hour

Engineering & Water Resources Division Organizational Chart

April 2021



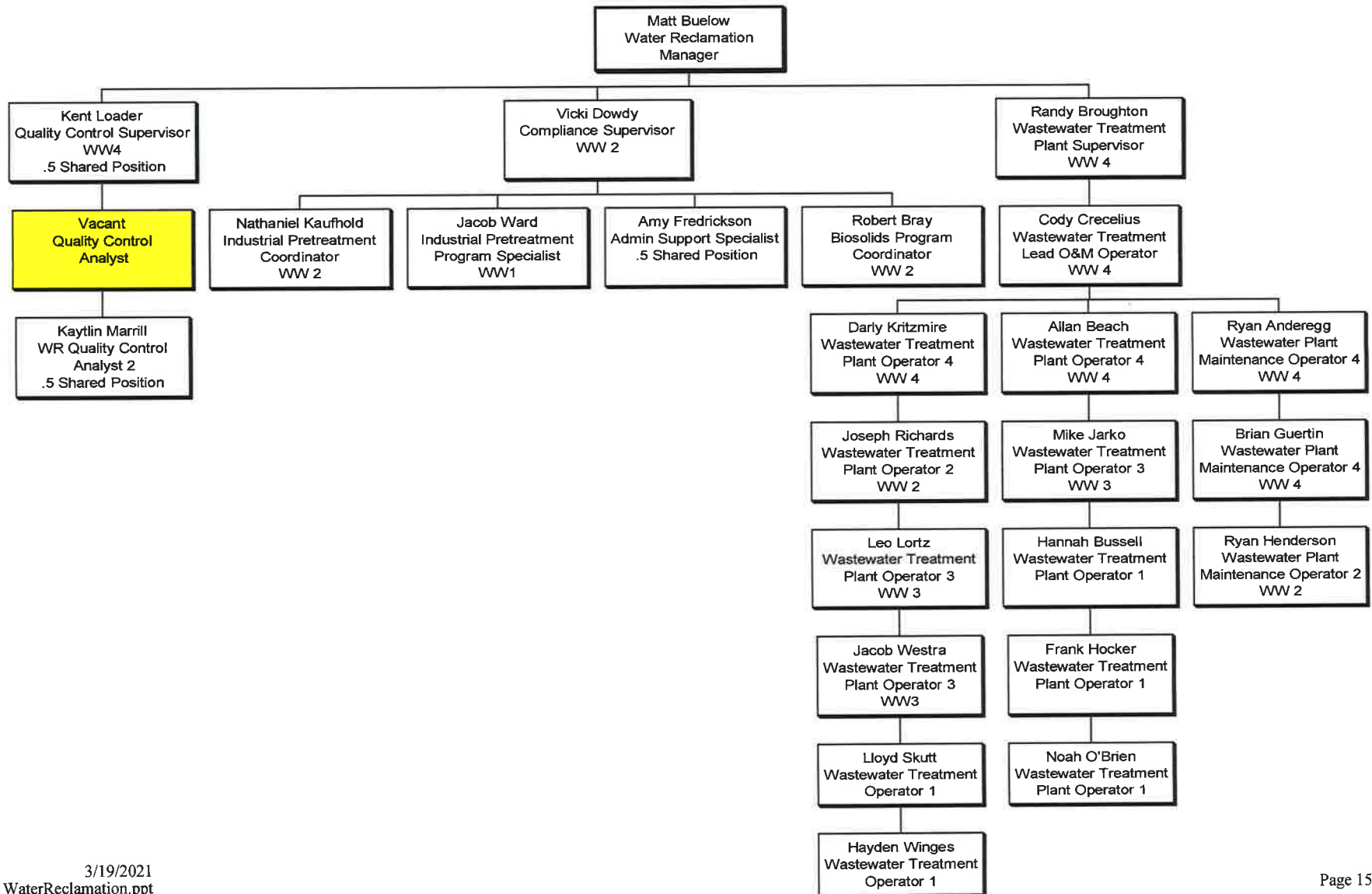
PAYROLL JOB CLASSIFICATION

Engineering Division Position Title	Job Class	Pay Grade	April 1, 2021 Current Monthly Pay Ranges			Job Class	Pay Grade	July 1, 2021 Proposed Monthly Pay Ranges		
			Min	Mid	Max			Min	Mid	Max
Eng&Water Resources Division Manager	4000	54	\$8,049.00	\$10,144.50	\$12,240.00	4000	54	\$8,451.00	\$10,651.50	\$12,852.00
Capital Projects Engineer 2	4300	51	5,434.00	6,852.50	8,271.00	4300	51	5,706.00	7,195.50	8,685.00
Capital Projects Engineer 1	4300	50	4,846.00	6,111.00	7,376.00	4300	50	5,088.00	6,416.50	7,745.00
Capital Projects Supervisor	4200	52	6,004.00	7,568.50	9,133.00	4200	52	6,304.00	7,947.00	9,590.00
Development Specialist	4520	25	3,889.00	4,669.00	5,449.00	4520	25	4,045.00	4,856.00	5,667.00
GIS Supervisor	4400	50	4,846.00	6,111.00	7,376.00	4400	50	5,088.00	6,416.50	7,745.00
GIS Analyst/Programmer	4420	27	4,732.00	5,680.50	6,629.00	4420	27	4,921.00	5,907.50	6,894.00
GIS Specialist	4410	26	4,247.00	5,098.00	5,949.00	4410	26	4,417.00	5,302.00	6,187.00
Control Systems Supervisor	4700	52	6,004.00	7,568.50	9,133.00	4700	52	6,304.00	7,947.00	9,590.00
Control Systems Engineer	4710	51	5,434.00	6,852.50	8,271.00	4710	51	5,706.00	7,195.50	8,685.00
Control Systems Specialist & Electrician	4720	50	4,846.00	6,111.00	7,376.00	4720	50		6,416.50	7,745.00
Instrumentation Technician	4730	26	4,247.00	5,098.00	5,949.00	4730	26	4,417.00	5,302.00	6,187.00
Inspection Supervisor	4500	27	4,732.00	5,680.50	6,629.00	4500	27	4,921.00	5,907.50	6,894.00
Construction Inspector	4510	25	3,889.00	4,669.00	5,449.00	4510	25	4,045.00	4,856.00	5,667.00

Other Rates of Pay	Current	Proposed
a Temporary Employees	\$ 9.00 -- \$ 50.00	\$ 10.00 -- \$ 75.00
	\$ 2.50 / hour	\$ 2.50 / hour
c Assistants On Call Pay	\$ 1.50 / hour	\$ 1.50 / hour
d Mileage Rate per Mile	Varies	Varies based on IRS Milage reimbursement rate
e Mileage Rate per Day/ Meter Reader	\$ 9.50 / Day	\$ 9.50 / Day
f Shift Differential		
Evening (3pm-11pm)	\$ 1.50 / hour	\$ 1.50 / hour
Night (11pm-7am)	\$ 2.00 / hour	\$ 2.00 / hour
Weekend Day Shift (7am-3pm)	\$ 1.00 / hour	\$ 1.00 / hour

Water Reclamation Division Organizational Chart

April 2021



PAYROLL JOB CLASSIFICATION

Water Reclamation Division Position Title	Job Class	Pay Grade	April 1, 2021 Current Monthly Pay Range			Job Class	Pay Grade	July 1, 2021 Proposed Monthly Pay Range		
			Min	Mid	Max			Min	Mid	Max
Water Reclamation Division Manager	2000	53	\$6,683.00	\$8,424.50	\$10,166.00	2000	53	\$7,017.00	\$8,845.50	\$10,674.00
Plant Operations & Maintenance Supervisor	2200	50	\$4,846.00	6,111.00	7,376.00	2200	50	\$5,088.00	\$6,416.50	\$7,745.00
Compliance Supervisor	2400	50	\$4,846.00	6,111.00	7,376.00	2400	50	\$5,088.00	\$6,416.50	\$7,745.00
Industrial Pretreatment Program Coord.	2410	26	\$4,247.00	\$5,098.00	\$5,949.00	2410	26	\$4,417.00	\$5,302.00	\$6,187.00
Industrial Pretreatment Program Specialist	2420	24	\$3,344.00	\$4,013.50	\$4,683.00	2420	24	\$3,478.00	\$4,174.00	\$4,870.00
Biosolids Program Coordinator	2430	26	\$4,247.00	\$5,098.00	\$5,949.00	2430	26	\$4,417.00	\$5,302.00	\$6,187.00
Lead Operations&Maintenance Operator	2210	26	\$4,247.00	\$5,098.00	\$5,949.00	2210	26	\$4,417.00	\$5,302.00	\$6,187.00
Wstwtr Treatment Plant Operator 4	2220	25	\$3,889.00	\$4,669.00	\$5,449.00	2220	25	\$4,045.00	\$4,856.00	\$5,667.00
Wstwtr Treatment Plant Operator 3	2220	24	\$3,344.00	\$4,013.50	\$4,683.00	2220	24	\$3,478.00	\$4,174.00	\$4,870.00
Wstwtr Treatment Plant Operator 2	2220	23	\$2,952.00	\$3,543.50	\$4,135.00	2220	23	3,070.00	3,685.00	4,300.00
Wstwtr Treatment Plant Operator 1	2220	23	\$2,952.00	\$3,543.50	\$4,135.00	2220	23	3,070.00	3,685.00	4,300.00
Wstwtr Plant Maintenance Operator 4	2230	25	\$3,889.00	\$4,669.00	\$5,449.00	2230	25	\$4,045.00	\$4,856.00	\$5,667.00
Wstwtr Plant Maintenance Operator 3	2230	24	\$3,344.00	\$4,013.50	\$4,683.00	2230	24	\$3,478.00	\$4,174.00	\$4,870.00
Wstwtr Plant Maintenance Operator 2	2230	23	\$2,952.00	\$3,543.50	\$4,135.00	2230	23	3,070.00	3,685.00	4,300.00
Wstwtr Plant Maintenance Operator 1	2230	23	\$2,952.00	\$3,543.50	\$4,135.00	2230	23	3,070.00	3,685.00	4,300.00
Wstwtr Quality Control Supervisor	1300/2300	51	\$5,434.00	\$6,852.50	\$8,271.00	1300/2300	51	5,706.00	7,195.50	8,685.00
Wstwtr Quality Control Senior Analyst 2	2310	25	\$3,889.00	\$4,669.00	\$5,449.00	2310	25	\$4,045.00	\$4,856.00	\$5,667.00
Wstwtr Quality Control Analyst 1	2310	24	\$3,344.00	\$4,013.50	\$4,683.00	2310	24	\$3,478.00	\$4,174.00	\$4,870.00
Administrative Quality Control Assistant	2100/1100	24	\$3,344.00	\$4,013.50	\$4,683.00	2100/1100	24	\$3,478.00	\$4,174.00	\$4,870.00

Other Rates of Pay	Current	Proposed
a Temporary Employees	\$ 9.00 -- \$ 50.00	\$ 10.00 -- \$ 75.00
b Duty Truck & Well Duty On Call Pay	\$ 2.50 / hour	\$ 2.50 / hour
c Assistants On Call Pay	\$ 1.50 / hour	\$ 1.50 / hour
d Mileage Rate per Mile	Varies	Varies based on IRS Milage reimbursement rate
e Mileage Rate per Day/ Meter Reader	\$ 9.50 / Day	\$ 9.50 / Day
f Shift Differential		
Evening (3pm-11pm)	\$ 1.50 / hour	\$ 1.50 / hour
Night (11pm-7am)	\$ 2.00 / hour	\$ 2.00 / hour
Weekend Day Shift (7am-3pm)	\$ 1.00 / hour	\$ 1.00 / hour



Board of Public Utilities

Cheyenne Water and Sewer Departments

2416 Snyder Ave.
Cheyenne, Wyoming 82001
(307) 637-6460
www.cheyennebopu.org

Memorandum

To: Mary Guthrie, President
Matthew Pope, Secretary
John Edwards, Member
Allan Cunningham, Member
Keith Zabka, Member

From: Kathy Kellner, Human Resource Manager

Date: March 25, 2021

Subject: Proposed Salary Range Adjustments

Based on the FY2022 salary analysis, the following are recommendations for salary range adjustments for the exempt and non-exempt pay plans.

Thank you.

**Board of Public Utilities
Exempt Salary Plan
Salary Ranges
July 1, 2021**

Salary Grade	Proposed Range Adj	Salary Ranges							
			Minimum	Proposed Minimum	Midpoint	Proposed Midpoint	Maximum	Proposed Maximum	Range Spread
50	5%	Annual	\$58,152	\$61,056	\$73,332	\$76,998	\$88,512	\$92,940	52%
		Monthly	\$4,846	\$5,088	\$6,111	\$6,417	\$7,376	\$7,745	
		Hourly	\$27.96	\$29.35	\$35.26	\$37.02	\$42.56	\$44.68	
51	5%	Annual	\$65,208	\$68,472	\$82,230	\$86,352	\$99,252	\$104,220	52%
		Monthly	\$5,434	\$5,706	\$6,853	\$7,196	\$8,271	\$8,685	
		Hourly	\$31.36	\$32.92	\$39.54	\$41.52	\$47.73	\$50.11	
52	5%	Annual	\$72,048	\$75,648	\$90,822	\$95,364	\$109,596	\$115,080	52%
		Monthly	\$6,004	\$6,304	\$7,569	\$7,947	\$9,133	\$9,590	
		Hourly	\$34.65	\$36.37	\$43.67	\$45.85	\$52.70	\$55.33	
53	5%	Annual	\$80,196	\$84,204	\$101,094	\$106,152	\$121,992	\$128,088	52%
		Monthly	\$6,683	\$7,017	\$8,425	\$8,846	\$10,166	\$10,674	
		Hourly	\$38.56	\$40.48	\$48.61	\$51.04	\$58.66	\$61.58	
54	5%	Annual	\$96,588	\$101,412	\$121,734	\$127,824	\$146,880	\$154,224	52%
		Monthly	\$8,049	\$8,451	\$10,145	\$10,652	\$12,240	\$12,852	
		Hourly	\$46.45	\$48.76	\$58.54	\$61.46	\$70.63	\$74.15	
55	5%	Annual	\$105,228	\$110,484	\$132,618	\$139,248	\$160,008	\$168,000	52%
		Monthly	\$8,769	\$9,207	\$11,052	\$11,604	\$13,334	\$14,000	
		Hourly	\$50.60	\$53.12	\$63.77	\$66.95	\$76.94	\$80.77	

**Board of Public Utilities
Non-Exempt Salary Plan
Salary Ranges
July 1, 2021**

Salary Grade	Proposed Range Adj	Salary Ranges							
			Minimum	Proposed Minimum	Midpoint	Proposed Midpoint	Maximum	Proposed Maximum	Range Spread
20	4%	Annual Monthly Hourly	\$20,016 \$1,668 \$9.62	\$20,820 \$1,735 \$10.01	\$24,024 \$2,002 \$11.55	\$24,984 \$2,082 \$12.01	\$28,032 \$2,336 \$13.48	\$29,148 \$2,429 \$14.01	40%
21	4%	Annual Monthly Hourly	\$24,972 \$2,081 \$12.01	\$25,968 \$2,164 \$12.48	\$29,964 \$2,497 \$14.41	\$31,164 \$2,597 \$14.98	\$34,956 \$2,913 \$16.81	\$36,360 \$3,030 \$17.48	40%
22	4%	Annual Monthly Hourly	\$30,864 \$2,572 \$14.84	\$32,100 \$2,675 \$15.43	\$37,038 \$3,087 \$17.81	\$38,520 \$3,210 \$18.52	\$43,212 \$3,601 \$20.78	\$44,940 \$3,745 \$21.61	40%
23	4%	Annual Monthly Hourly	\$35,424 \$2,952 \$17.03	\$36,840 \$3,070 \$17.71	\$42,522 \$3,544 \$20.45	\$44,220 \$3,685 \$21.26	\$49,620 \$4,135 \$23.86	\$51,600 \$4,300 \$24.81	40%
24	4%	Annual Monthly Hourly	\$40,128 \$3,344 \$19.30	\$41,736 \$3,478 \$20.07	\$48,162 \$4,014 \$23.16	\$50,088 \$4,174 \$24.08	\$56,196 \$4,683 \$27.02	\$58,440 \$4,870 \$28.10	40%
25	4%	Annual Monthly Hourly	\$46,668 \$3,889 \$22.44	\$48,540 \$4,045 \$23.34	\$56,028 \$4,669 \$26.94	\$58,272 \$4,856 \$28.02	\$65,388 \$5,449 \$31.44	\$68,004 \$5,667 \$32.69	40%
26	4%	Annual Monthly Hourly	\$50,964 \$4,247 \$24.51	\$53,004 \$4,417 \$25.48	\$61,176 \$5,098 \$29.42	\$63,624 \$5,302 \$30.59	\$71,388 \$5,949 \$34.33	\$74,244 \$6,187 \$35.69	40%
27	4%	Annual Monthly Hourly	\$56,784 \$4,732 \$27.31	\$59,052 \$4,921 \$28.39	\$68,166 \$5,681 \$32.78	\$70,896 \$5,908 \$34.09	\$79,548 \$6,629 \$38.25	\$82,728 \$6,894 \$39.77	40%

MEMBERSHIP APPLICATIONS
PAID BY THE BOARD OF PUBLIC UTILITIES
FOR EMPLOYEES

	<u>TERM</u>	<u>COST</u>	<u>DATE PAID</u>
<u>AMERICAN WATERWORKS ASSOCIATION #501282</u>	4/21-3/2022	\$3,996.00	1/26/2021
Brad Brooks	Clint Bassett		
Ashley Miller	Frank Strong		
Cary Chapman			
<u>AMERICAN SOCIETY OF CIVIL ENGINEERS</u>			
Brad Brooks	01/2021-12/2021	\$265.00	9/25/2020
<u>BOARD OF PROF ENG & PROF LAND SURV</u>			
Brad Brooks	2021-2022	\$90.00	12/9/2020
Cary Chapman	2021-2022	\$90.00	12/9/2020
David Cole	2021-2022	\$90.00	Pays Personally
Frank Strong	2021-2022	\$90.00	11/17
Bryce Dorr	2021-2022	\$90.00	11/2020
<u>CIPCA (Two Employees - V.Dowdy,N.Kaufhold)</u>	2018	\$100.00	7/18
<u>EMPLOYERS COUNCIL SERVICES INC</u>			\$1,500/QTR 2021
<u>GOVERNMENT FINANCE OFFICERS ASSOCIATION</u>			
Ashley Miller	11/2020-10/2021	\$150.00	10/2020
Lynn Butts	11/2020-10/2021	\$280.00	10/2020
<u>GREATER CHEYENNE CHAMBER OF COMMERCE</u>	8/2020-8/2021	\$460.00	9/2020
<u>NOTARY PUBLIC</u>			
Erin Lamb	Bond/File Fee	02/20-02/24	\$ 100/35
Doug Calhoun	Bond/File Fee	10/17-10/21	\$ 100/50
Amy Fredrickson	Bond/File Fee	2020-2024	\$ 100/30
Admin Manager/Accounting	Bond Fee	9/2020-9/2021	\$916
<u>RKY MT WATER QUALITY ANALYSTS ASSOCIATION</u>			
Three Employees		\$285.00	3/19
<u>SOCIETY FOR HUMAN RESOURCE MNGT</u>	5/2021-4/2022	\$219.00	3/2021
<u>WYOMING WATER QUALITY & POLLUTION CONTROL</u>		\$750.00	01/2021
Various Employees			
<u>WATER ENVIRONMENT FEDERATION</u>			
Brad Brooks		\$175.00	8/2020
Vicki Dowdy		\$175.00	01/20
<u>WYOMING ASSOC. OF RURAL WATER SYSTEMS</u>	2021	\$450.00	12/2020
Various Employees			12/19
<u>WYOMING WATER ASSOCIATION</u>	2021	\$500.00	2/2021
<u>WYOMING ENGINEERING SOCIETY</u>	2021	\$60.00	12/1/2020
Frank Strong			
<u>ATSSA</u>			
Jud Green	2021	\$85.00	3/1/2021
Mike Quinlivan	2021	\$85.00	3/1/2021