

MINUTES
PURCELLVILLE TOWN COUNCIL MEETING WORK SESSION
TUESDAY, MAY 24, 2022, 7:00 PM
TOWN HALL COUNCIL CHAMBERS

Meeting recording can be found at the following link: <https://purcellvilleva.new.swagit.com/videos/174446>

COUNCIL MEMBERS PRESENT:

Kwasi Fraser, Mayor
Tip Stinnette, Council Member
Stan Milan, Council Member (Remote participation-reason unknown)
Joel Grewe, Council Member
Mary Jane Williams, Council Member
Erin Rayner, Council Member
Christopher Bertaut, Vice Mayor

STAFF PRESENT:

David Mekarski, Town Manager
Sally Hankins, Town Attorney
Deputy Chief Dailey, Police Department
Elizabeth Krens, Director of Finance
Connie LeMarr, Assistant Director of Finance
Linda Jackson, Budget Analyst
Jason Didawick, Director of Public Works
Dale Lehnig, Director of Engineering, Planning & Development (Remote)
Don Dooley, Director of Planning & Economic Development (Remote)
Diana Hays, Town Clerk/Executive Assistant
Kimberly Bandy, Deputy Town Clerk

CALL TO ORDER:

Mayor Fraser called the meeting to order at 7:00 PM. The Pledge of Allegiance followed and a moment of silence for the recent events in the nation.

AGENDA AMENDMENTS:

Council member Grewe Lidar confirmed that the Lidar discussion and the closed session have been removed

CONSENT AGENDA:

a. Approval of Meeting Minutes

- May 10, 2022
- May 17, 2022 Emergency Meeting

Council member Grewe made a motion that the Town Council approve the Consent Agenda items 6a.-b. as presented in the May 24, 2022 Town Council Meeting Work Session agenda packet.

(Carried: 7-0, Grewe: Aye, Bertaut: Aye, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

RECOGNITION:

a. Sons of the American Revolution Award

Rhett Wade, Sons of the American Revolution, read the proclamation into the record for the recognition of Sergeant David Camp and Officer Alexander Burkett.

PRESENTATION:

a. Long-Term Utility Rate Modeling (Stantec and Davenport)(*On file at the Clerk's Office*)

David Hyder, Stantec, gave the presentation.

Kyle Laux, Davenport, was also in attendance to participate in the discussion.

A discussion of Council, Staff, and representatives of Stantec and Davenport occurred.

CITIZEN/BUSINESS COMMENTS

Casey Chapman, 205 Hirst Road, commented on recognizing the police this evening and acknowledging work of staff.

Uta Brown shared comments on her thoughts regarding the development on 21st Street.

MAYOR AND COUNCIL COMMENTS

Council members were given 3 minutes for comments.

ACTION ITEMS:

a. Resolution Recognizing May 15, 2022 through May 21, 2022 as Purcellville Police Week

Vice Mayor Bertaut moved that the Purcellville Town Council adopt Resolution 22-05-01 to request May 15, 2022 through May 21, 2022 as Purcellville Police Week

Council member Stinnette read the Resolution into record.

(**Carried: 7-0**, Grewe: Aye, Bertaut: Aye, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

b. Acceptance of \$15,000 Grant from the Saris Foundation

Sally Hankins, Town Attorney, gave the report. There is an agreement that a sign would be resurrected displaying Saris Foundation being recognized and be under a cost of \$500.00. Ms. Hankins envisioned a sign that would recognize all contributors.

Council member Stinnette moved that Town Council accept on behalf of the Town a \$15,000 grant from the Saris Foundation for improvements to the Town's bike park subject to the terms and conditions of the Grant Agreement as attached to the Council's May 24, 2022 agenda, which the Town Manager is hereby directed and authorized to execute.

(Carried: 7-0, Grewe: Aye, Bertaut: Aye, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

c. Approval of Acceptance of Partial Funding of G Street Sidewalk Project

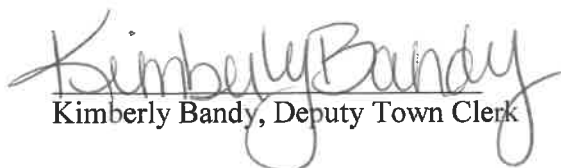
David Mekarski, Town Manager, introduced the item. Dale Lehnig, Director of Engineering, Planning and Development, gave the report. Dale Lehnig clarified a better understanding of the staff report and a need to commit to moving the project forward with a time commitment by 2024 for the amount mentioned and to possibly reach out for additional funding through Loudoun County CIP and transportation alternatives. Mayor requested that staff craft a letter from Council to Board of Supervisors for support with this project.

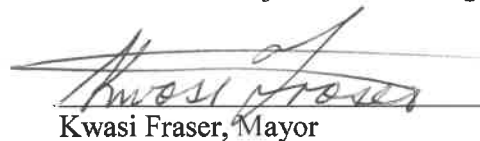
Vice Mayor Bertaut move that the Town Council accept the funding offered through the VDOT Transportation Alternatives grant, in the amount of \$701,244, for the G Street Sidewalk Improvements Project, and that the Town commits to fund the remaining share of the project. He further moved that the Town Manager is authorized to execute all agreements and/or addendums with the Virginia Department of Transportation associated with this project.

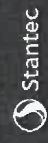
(Carried: 7-0, Grewe: Aye, Bertaut: Aye, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

ADJOURNMENT

With no further business, Council member Grewe made a motion to adjourn the meeting at 9:25PM and unanimously carried 7-0.


Kimberly Bandy, Deputy Town Clerk


Kwasi Fraser, Mayor



Town of Purcellville

Utility Rate Modeling

May 24, 2022



Agenda

- 1) Modeling Assumptions
- 2) Water Fund Forecast
- 3) Sewer Fund Forecast

Modeling Assumptions – O&M Cost Escalation

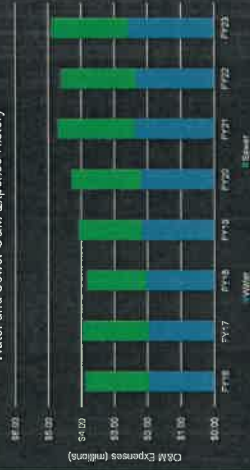
Purcellville Inflation

- Average 3.7% and 3.5% annual expense increase for water and sewer, respectively, over last 7 years
- Model uses FY23 budgeted expenditures
- Future expenditures escalated at 2.5% per year

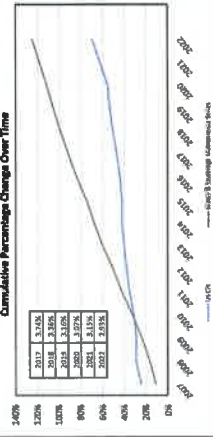
Industry Inflation

- CPI vs. Water & Sewer Maintenance Series Trends
- W & S shows ~ 3% annual average increase over the last 5 years

Water and Sewer O&M Expense History



US CPI v. Water & Sewer Maintenance Series: Cumulative Percentage Change Over Time



Modeling Assumptions – Customer Growth and Usage

Number of Availabilities



- Rate Modeling: 2 availabilities per year
- Billable consumption is forecasted with a 1% decline per year per account



Availabilities

Number of Availabilities	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	Total
FY 23 Budget	3.0	17.0	15.6	19.0	2.0	2.0	2.0	2.0	2.0	84.5
FY 22 Budget / Prior Rate Modeling	12.0	20.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	97.0
Anticipated for Modeling	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	18.0

Availability Fee Revenue (\$ Millions)	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	Total
FY 23 Budget	\$0.14	\$0.81	\$0.73	\$0.80	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$5.05
FY 22 Budget / Prior Rate Modeling	\$0.57	\$1.37	\$0.38	\$0.38	\$0.38	\$0.38	\$0.38	\$0.38	\$0.38	\$4.59
Anticipated for Modeling	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.95

Change in assumed availabilities has significant impact on financial forecast / rate modeling



Basic Equivalents

Revenues

- 1% increase in Water Rates = \$23,000 in Additional Water Revenue
- 1% increase in Sewer Rates = \$34,000 in Additional Sewer Revenue

Expenditure Impacts

- 4.4% rate increase required for every \$100k in additional Water Exp
- 2.9% rate increase required for every \$100k in additional Sewer Exp

Water: Current Revenues vs. Expenses (No Rate Funded CIP)

Revenues (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Current User Rates	\$2.25	\$2.24	\$2.22	\$2.20	\$2.18	\$2.17	\$2.15	\$2.13	\$2.12	\$2.10
Other Revenues	\$0.38	\$0.28	\$0.27	\$0.27	\$0.27	\$0.27	\$0.27	\$0.28	\$0.28	\$0.28
Availability Fees	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05
Total Revenues	\$2.68	\$2.56	\$2.54	\$2.53	\$2.51	\$2.49	\$2.47	\$2.45	\$2.43	\$2.41
Expenditures (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Operating and Maintenance	\$2.62	\$2.68	\$2.75	\$2.82	\$2.86	\$2.90	\$2.93	\$2.95	\$2.98	\$3.00
Minor Capital	\$0.03	\$0.06	\$0.03	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.05
Existing Debt Service	\$0.50	\$0.53	\$0.53	\$0.78	\$0.78	\$0.78	\$0.78	\$0.76	\$0.76	\$0.76
Total Expenditures	\$3.15	\$3.26	\$3.31	\$3.60	\$3.68	\$3.72	\$3.64	\$3.71	\$3.78	\$3.81
Revenue Less Expenditures (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Annual Surplus / (Shortfall)	(\$0.46)	(\$0.70)	(\$0.76)	(\$1.06)	(\$1.16)	(\$1.23)	(\$1.17)	(\$1.27)	(\$1.35)	(\$1.40)
Cumulative Surplus / (Shortfall)	(\$0.46)	(\$1.16)	(\$1.92)	(\$3.02)	(\$4.18)	(\$5.40)	(\$6.57)	(\$7.84)	(\$9.19)	(\$10.59)

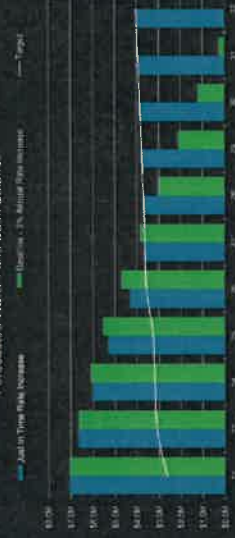
• Nutrient Credit is excluded
 ** Water Capital Expenditures below target levels
 *** Water Cash Balance is depleted

Future rate adjustments are required to align revenues with annual expenditures = achieve structural balance

Water: Just in Time Rate Increases – No Rate Funded Capital

Baseline vs. Just in Time Expenses (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Baseline Rate Increase	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Revenues (millions)	\$2.75	\$2.70	\$2.74	\$2.79	\$2.85	\$2.90	\$2.86	\$3.00	\$3.05	\$3.10
Monthly/Daily Water Bill	\$43,351.4	\$44,681.5	\$45,951.5	\$47,351.6	\$48,781.6	\$50,251.7	\$51,761.7	\$53,351.8	\$54,981.8	\$56,651.9
Just in Time Rate Increase	3.0%	0.0%	0.0%	0.0%	22.0%	1.0%	3.0%	3.0%	3.0%	3.0%
Revenues (millions)	\$2.75	\$2.63	\$2.61	\$2.59	\$3.04	\$3.63	\$3.81	\$3.98	\$4.07	\$4.15
Monthly/Daily Water Bill	\$43,351.4	\$43,351.4	\$43,351.4	\$43,351.4	\$52,851.8	\$69,252.3	\$77,342.4	\$73,442.4	\$76,652.5	\$77,942.6

Forecasted Water Fund Cash Balance



• Debt Service increase in 2026 of \$225K to a total payment of \$760K per year

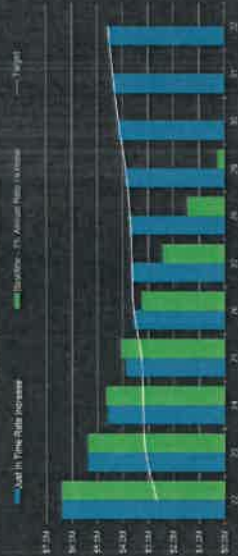
• Assumes use of Nutrient Credit to fund near-term shortfalls

• CIP: FY22 – 23 ARPA/VDOT Funded Only
 • ARPA = \$7.5M
 • VDOT = \$0.2M

Water: Just In Time Rate Increases – Include All Capital Projects

Baseline vs. Just In Time	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Expenses (millions)	\$3.00	\$3.40	\$3.31	\$3.62	\$3.09	\$3.88	\$4.14	\$4.35	\$4.54	\$5.05
Baseline Rate Increase	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Revenues (millions)	\$2.75	\$2.70	\$2.74	\$2.79	\$2.65	\$2.80	\$2.85	\$3.00	\$3.05	\$3.10
Monthly/Daily Water Bill	\$43,381.4	\$44,051.5	\$45,051.5	\$47,381.6	\$48,781.6	\$50,281.7	\$51,781.7	\$53,381.8	\$54,981.8	\$56,581.9
Just In Time Rate Increase	3.0%	0.0%	0.0%	13.0%	17.0%	8.0%	12.0%	9.0%	4.0%	12.0%
Revenues (millions)	\$2.75	\$2.60	\$2.61	\$3.31	\$3.70	\$3.93	\$4.31	\$4.62	\$4.78	\$5.24
Monthly/Daily Water Bill	\$43,381.4	\$43,381.4	\$43,381.4	\$57,651.9	\$67,452.2	\$77,452.2	\$80,922.7	\$87,292.9	\$90,783	\$101,653.4

Forecasted Water Fund Cash Balance

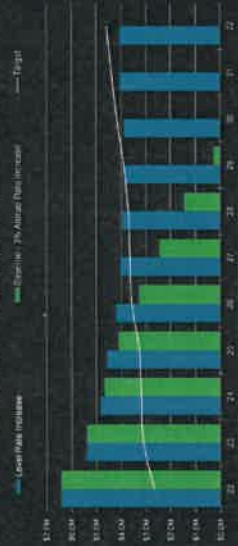


- FY22 – 23
 - ARPA = \$7.5M
 - VDOT = \$0.2M
- FY22 – 26 = \$1.4M Cash
- FY27 – 32 = \$16.2M Debt

Water: Level Rate Increases – Include All Capital Projects

Baseline vs. Level	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Expenses (millions)	\$3.00	\$3.40	\$3.31	\$3.62	\$3.89	\$3.95	\$4.14	\$4.35	\$4.54	\$5.05
Baseline Rate Increase	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Revenues (millions)	\$2.75	\$2.70	\$2.74	\$2.79	\$2.85	\$2.90	\$2.86	\$3.00	\$3.05	\$3.10
Monthly/Daily Water Bill	\$43,381.4	\$44,051.5	\$45,051.5	\$47,381.6	\$48,781.6	\$50,281.7	\$51,781.7	\$53,381.8	\$54,981.8	\$56,581.9
Level Rate Increase	3.0%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
Revenues (millions)	\$2.74	\$2.83	\$3.04	\$3.27	\$3.61	\$3.78	\$4.06	\$4.37	\$4.70	\$5.08
Monthly/Daily Water Bill	\$43,381.4	\$47,481.6	\$51,951.7	\$56,851.9	\$62,282.1	\$68,182.3	\$74,682.5	\$81,782.7	\$89,582.9	\$98,183.3

Forecasted Water Fund Cash Balance



- FY22 – 23
 - ARPA = \$7.5M
 - VDOT = \$0.2M
- FY22 – 26 = \$1.4M Cash
- FY27 – 32 = \$16.2M Debt

Sewer: Current Revenues vs. Expenses (No Rate Funded CIP)

Revenues (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Current User Rates	\$3.22	\$3.19	\$3.17	\$3.14	\$3.11	\$3.09	\$3.06	\$3.04	\$3.01	\$2.99
Other Revenues	\$0.04	\$0.05	\$0.04	\$0.04	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03
Availability Fees	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04
Total Revenues	\$3.31	\$3.28	\$3.25	\$3.22	\$3.19	\$3.17	\$3.14	\$3.11	\$3.09	\$3.06
Expenditures (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Operating and Maintenance	\$2.29	\$2.35	\$2.41	\$2.47	\$2.53	\$2.59	\$2.65	\$2.72	\$2.79	\$2.85
Minor Capital	\$0.08	\$0.28	\$0.08	\$0.08	\$0.08	\$0.08	\$0.09	\$0.09	\$0.09	\$0.09
Existing Debt Service	\$0.07	\$0.67	\$2.25	\$2.44	\$2.46	\$2.47	\$2.47	\$2.48	\$2.48	\$2.48
Total Expenditures	\$3.24	\$3.60	\$4.74	\$4.99	\$5.07	\$5.14	\$5.21	\$5.29	\$5.36	\$5.43
Revenues Less Expenditures (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Annual Surplus / (Shortfall)	\$0.08	(\$0.22)	(\$1.49)	(\$1.76)	(\$1.88)	(\$1.96)	(\$2.07)	(\$2.18)	(\$2.27)	(\$2.37)
Cumulative Surplus / (Shortfall)	\$0.08	(\$0.16)	(\$1.64)	(\$3.40)	(\$5.28)	(\$7.26)	(\$9.33)	(\$11.51)	(\$13.78)	(\$16.15)

* Sewer Cash Balance drops below target levels

** Sewer Cash Balance is depleted

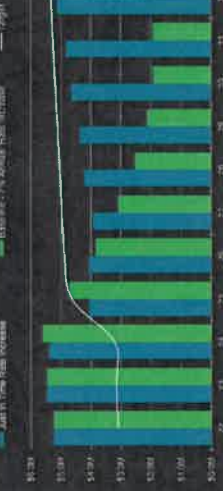
Future rate adjustments are required to align revenues with annual expenditures = achieve structural balance

Sewer: Just in Time Rate Increases – No Rate Funded Capital

Baseline vs. Just in Time Expenses (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Baseline Rate Increase	5.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Revenues (millions)	\$3.46	\$3.66	\$3.86	\$4.06	\$4.32	\$4.56	\$4.82	\$5.09	\$5.39	\$5.69
Monthly/Only Sewer Bill	\$72,352.4	\$77,492.6	\$82,632.8	\$86,653	\$94,853.2	\$107,453.4	\$108,553.6	\$116,153.9	\$124,254.1	\$132,954.4
Just in Time Rate Increase	5.0%	0.0%	0.0%	0.0%	0.0%	11.0%	0.0%	0.0%	0.0%	0.0%
Revenues (millions)	\$3.48	\$3.49	\$3.40	\$4.98	\$4.94	\$5.41	\$5.37	\$5.69	\$5.64	\$5.75
Monthly/Only Sewer Bill	\$72,352.4	\$72,352.4	\$72,352.4	\$109,253.6	\$109,253.6	\$121,254	\$121,254	\$127,354.2	\$127,354.2	\$131,754.5

Forecasted Sewer Fund Cash Balance

Just in Time Rate Increase Baseline - No Annual Rate Increase



Debt Service increase in FY25 of \$1.4M to a total payment of \$2.4M per year

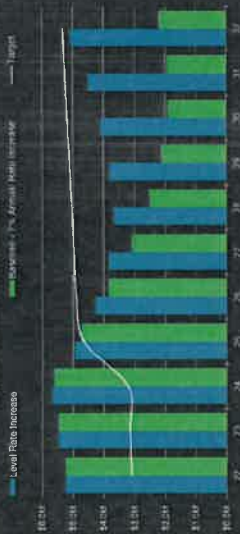
CIP: FY22 ARPA Only

ARPA = \$0.5M

Sewer: Level Rate Increases – No Rate Funded Capital

Baseline vs. Level Expenses (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
	\$3.24	\$3.50	\$4.74	\$4.69	\$5.07	\$5.14	\$5.21	\$5.29	\$5.38	\$5.43
Baseline Rate Increase	6.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Revenues (millions)	\$3.48	\$3.86	\$4.08	\$4.32	\$4.56	\$4.82	\$5.08	\$5.30	\$5.50	\$5.68
Monthly/Daily Sewer Bill	\$72,942.4	\$77,452.6	\$82,862.8	\$88,653	\$94,853.2	\$101,483.4	\$108,553.6	\$116,123.9	\$124,284.1	\$132,954.4
Level Rate Increase	6.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%
Revenues (millions)	\$3.48	\$3.72	\$4.00	\$4.30	\$4.63	\$4.98	\$5.36	\$5.77	\$6.18	\$6.61
Monthly/Daily Sewer Bill	\$72,942.4	\$76,892.6	\$85,902.9	\$93,653.4	\$102,53.4	\$111,283.7	\$121,254	\$127,324.2	\$133,784.5	\$140,464.7

Forecasted Sewer Fund Cash Balance



- Debt Service increase in FY25 of \$1.4M to a total payment of \$2.4M per year
- CIP: FY22 ARPA Only
 - ARPA = \$0.5M

Sewer Capital Improvements Plan

Description	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	Funding Source
East End Pump Station - Cash	248,440	51,500	-	-	-	-	125,000	125,000	1,036,360	-	-	Cash
East End Pump Station - Debt	394,411	213,710	-	-	-	-	-	-	-	-	-	Debt
West End County Sewer	150,000	-	-	-	-	-	-	-	-	-	-	Cash
12th Street Sewer Line	10,314	-	-	-	-	275,000	-	-	-	-	-	Cash
LEAP Renovation	-	-	-	-	-	-	-	-	-	-	-	Debt
East End Pump Station Improvements	-	-	-	-	-	371,000	-	-	-	-	-	Debt
Wudge Storage Facility	-	-	-	-	-	-	-	-	-	-	-	Debt
SCADA System Upgrades	500,000	-	-	-	-	-	-	-	-	-	-	ARPA
	\$ 1,293,365	\$ 265,210	\$ -	\$ -	\$ -	\$ 646,000	\$ 125,000	\$ 125,000	\$ 1,036,360	\$ -	\$ -	

- Total CIP = \$3.5M
- \$500K ARPA
 - \$1.0M Cash
 - \$2.0M Future Debt (FY27)
- Assumed Debt Service Terms
- Maturity of 30 years
 - 5% interest rate on future debt

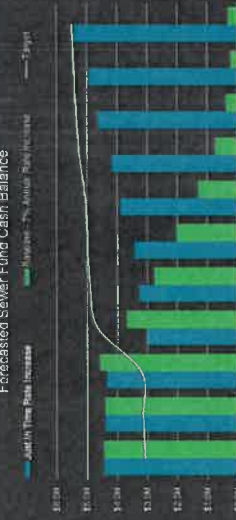
Sewer Just In Time Rate Increases - Include All Capital Projects

Baseline vs. Just In Time Expense (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Baseline Rate Increase	6.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Revenues (millions)	\$3.46	\$3.66	\$3.86	\$4.06	\$4.31	\$4.56	\$4.81	\$5.06	\$5.31	\$5.56
Monthly/Daily Sewer Bill	\$72,392.4	\$77,492.6	\$82,692.8	\$88,093.0	\$94,093.2	\$101,493.4	\$108,593.6	\$116,193.8	\$124,294.1	\$132,094.4
Just In Time Rate Increase	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Revenues (millions)	\$3.46	\$3.43	\$3.40	\$3.36	\$3.32	\$3.27	\$3.22	\$3.16	\$3.10	\$3.04
Monthly/Daily Sewer Bill	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4	\$72,392.4

Forecasted Sewer Fund Cash Balance

Debt Service Increase in FY25 of \$1.4M to a total payment of \$2.4M per year

- CIP: FY22 ARPA Only
- ARPA = \$0.5M
- FY22 - 26 = \$1.0M Cash
- FY27 - 32 = \$2.0M Debt



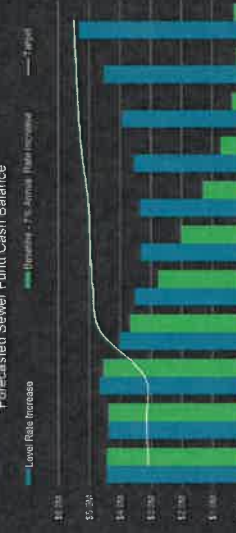
Sewer Level Rate Increases - Include All Capital Projects

Baseline vs. Level Expenses (millions)	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Baseline Rate Increase	6.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%
Revenues (millions)	\$3.46	\$3.66	\$3.86	\$4.06	\$4.31	\$4.56	\$4.81	\$5.06	\$5.31	\$5.56
Monthly/Daily Sewer Bill	\$72,392.4	\$77,492.6	\$82,692.8	\$88,093.0	\$94,093.2	\$101,493.4	\$108,593.6	\$116,193.8	\$124,294.1	\$132,094.4
Level Rate Increase	6.0%	10.0%	10.0%	10.0%	10.0%	10.0%	6.0%	6.0%	6.0%	6.0%
Revenues (millions)	\$3.46	\$3.77	\$4.10	\$4.47	\$4.87	\$5.31	\$5.57	\$5.83	\$6.11	\$6.41
Monthly/Daily Sewer Bill	\$72,392.4	\$79,942.7	\$88,392.9	\$97,693.3	\$107,693.6	\$119,194	\$128,294.2	\$139,594.5	\$147,894.7	\$150,595

Forecasted Sewer Fund Cash Balance

Debt Service Increase in FY25 of \$1.4M to a total payment of \$2.4M per year

- CIP: FY22 ARPA Only
- ARPA = \$0.5M
- FY22 - 26 = \$1.0M Cash
- FY27 - 32 = \$2.0M Debt



Combined Funds: Level Rate Increases – No Rate Funded Capital

Level Rate Increases	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32
Water Rate Increase	3.0%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
Water Revenues (millions)	\$2.76	\$2.77	\$2.80	\$3.04	\$3.19	\$3.35	\$3.51	\$3.68	\$3.86	\$4.05
Water Expenses (millions)	\$3.15	\$3.28	\$3.31	\$3.62	\$3.68	\$3.76	\$3.84	\$3.91	\$3.98	\$4.07
Monthly/Daily Water Bill	\$43,381.4	\$46,151.5	\$46,151.6	\$52,351.7	\$55,781.9	\$59,392	\$63,262.7	\$67,392.2	\$71,792.4	\$76,482.5
Sewer Rate Increase	5.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
Sewer Revenues (millions)	\$3.40	\$3.72	\$4.00	\$4.30	\$4.63	\$4.98	\$5.36	\$5.77	\$6.21	\$6.67
Sewer Expenses (millions)	\$3.24	\$3.50	\$3.74	\$4.09	\$4.57	\$5.14	\$5.81	\$6.58	\$7.45	\$8.43
Monthly/Daily Sewer Bill	\$72,352.4	\$78,452.6	\$83,982.9	\$93,653.1	\$102,73.4	\$111,293.7	\$121,284	\$127,384.2	\$133,794.5	\$140,484.7

Forecasted Combined Cash Balances with Required Rate Increases

