



Citizens' Water Advisory Committee (CWAC) Agenda

November 9, 2021, 6:00 p.m.

Microsoft Teams Link and phone number:

[Click here to join the meeting](#)

or go to:

<https://bit.ly/3bE19es>

Public Participation through call in number

720-388-8447

Phone Conference ID: 926 364 678#

Members: Janet Marlow - Chair, Angie Binder - Vice Chair, Jay Campbell, Tom Coker, Richard Eason, William Gondrez, David Patterson

1.	Approval of Minutes – October 12, 2021	Chair	6:00 p.m.
2.	Introductions/Public Invited to be Heard	Chair	6:05 p.m.
3.	New/Old Business	Chair	6:10 p.m.
4.	Communications Update	Greg Baker	6:15 p.m.
5.	Quarterly Financial Report – Third Quarter 2021	Jo Ann Gidding	6:20 p.m.
6.	Innovation efforts – 3-D Printing	Kyle Fortner	6:30 p.m.
7.	Next Step for Big Savings – Connection Fees	Marshall Brown/ Fernando Aranda Perozo	6:45 p.m.
8.	Review Follow-Up Questions Generated at this Meeting	Chair	7:15 p.m.
9.	2021 Application & Interview Process	Greg Baker	7:20 p.m.
10.	Confirm Next Meeting – Tuesday, January 11, 2022	Chair	7:25 p.m.
11.	Adjourn	Chair	7:30 p.m.

Aurora Water was ranked #1 in Customer Satisfaction with Midsize Water Utilities in the West of the J.D. Power 2021 Water Utility Residential Customer Satisfaction Study.

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**Citizens’ Water Advisory Committee (CWAC) Minutes
October 12, 2021, 6:00 p.m.**
AMC 15151 E. Alameda Pkwy – Aspen Conference Room 2nd Floor

WebEx Link:

<https://auroragov.webex.com/auroragov/j.php?MTID=m8ab81ecdb995f6f3ec185516480d2f1a>

Public Participation through call in number (listen only)
720-650-7664
Access code: 146 245 5086

Members Present: Janet Marlow - Chair, Angie Binder -Vice Chair, Jay Campbell, Tom Coker, Richard Eason, William Gondrez, David Patterson

Absent: None

Staff Present: Greg Baker, Leiana Baker, Rory Franklin, Michael Valdiris, Jo Ann Giddings

Visitors Present: None

The meeting was called to order at 6:09 p.m.

1. Approval of August 10, 2021 Minutes
The August 10, 2021, minutes were approved.

2. Introductions/Public Invited to be Heard
None.

3. New/Old Business
None.

4. Communications Update
None.

5. Customer Information System (CIS) Overview and Proposed New Water Bill Design
M. Valdiris gave a presentation. Angie asked, will the customer notice the change? Michael replied, the customers won’t need to do anything. The bill will have a new look. Greg added, there will be public information regarding the new look of the bill.

6. Engage Aurora – Water Conservation: Next Step for Big Savings
G. Baker stated, the proposed topic will be nonfunctional turf, which can be defined as landscape that serves an aesthetic function only and has no recreational value. Recent press coverage heightened

an effort in the Las Vegas area by Southern Nevada Water Authority (SNWA). SNWA was recently tasked by the Nevada State Legislature to create a definition for “functional turf” and “nonfunctional turf” and develop a plan to identify and facilitate the removal of nonfunctional turf, including establishing phases for the removal of nonfunctional turf based on categories of water users, as well as create deadlines for the removal of nonfunctional turf. While Aurora is not under a similar mandate, there are many lessons that can be learned from SNWA’s implementation of this program.

Aurora Water Public Relations is planning on using the Engage Aurora site to help facilitate a discussion on the acceptability of creating such a definition, and possible actions that could be implemented to limit or remove nonfunctional turf. Aurora Water staff will demonstrate the platform, discuss the information flow and highlight the platform tools. Staff will also provide a preview link to the committee following the meeting. This link is only active for seven (7) days and does not include access to the discussion tool.

What happens to residents that don’t have computer access for the survey? Greg replied, we can have a community liaison to help residents at a public library. Bill asked, can we do face to face meetings at town hall meetings? Greg replied, yes. Angie asked for clarification of functional turf. Greg replied, functional turf is when feet touch the turf. Non-functional turf areas that are not walked on.

7. Water Policy Committee Quarterly Report

Janet will give a presentation at the Water Policy Committee meeting.

8. Review Follow-Up Questions Generate at this Meeting

None.

9. 2020 Application & Interview Process

G. Baker gave an overview of the process.

10. Confirm Next Meeting – Tuesday, November 9, 2021

11. Adjourn

The meeting was adjourned at 7:08 p.m.

Janet Marlow, Chair
Citizens’ Water Advisory Committee

Adopted: _____



To: Citizens' Water Advisory Committee

Through: Marshall P. Brown, General Manager, Aurora Water _____

From: JoAnn Giddings, Deputy Director Water Financial Administration _____

Date: November 9, 2021

Subject: Quarterly Financial Report – Third Quarter November 2021

Highlights

Combined operating revenues (Water, Sewer, and Stormwater) through the Third quarter were 1.1 percent lower than plan and 4.0 percent lower than through the third quarter of 2020. The decrease is due to the wet spring which delayed outdoor irrigation.

Combined Development revenues (Water, Sewer, and Stormwater) in the Third quarter of 2021 were 70.0 percent higher than plan and 8.3 percent higher than for the same period in 2020. This reflects strong growth within the City.

The final draw for the Fitzsimmons/Peoria Stormwater project in the amount of \$15.0 million was completed in July.

Operating expenses (Water, Sewer and Stormwater combined), excluding debt service, are under plan by \$8.5 million or 8.8 percent. Due to the timing of Purchased Vehicle and Equipment replacement and Professional and Technical Services contracts, the actuals were lower than plan. R&M Equipment Other was also lower than plan due to timing of purchases which have been encumbered, but not yet spent. Utilities were lower than anticipated for Homestake electricity costs and Metro Water Recovery (formerly Metro Wastewater Reclamation District) Purchased Sewer/Storm. Credit card fees were higher than anticipated by \$1.6 million primarily due to an account misclassification corrected in June 2021. Operating expenses, excluding debt service, were higher than 2020 (same period) by \$395,400 or 0.5 percent.

The debt service was higher in 2021 due to the SEAM debt-related repayment (\$16.0 million) from the Wastewater Fund to the Water Fund; and debt issue costs for the First-Lien Water & Sewer Revenue Bonds, Series 2021 (\$3.9 million) A partial refunding of the 2016 bonds originally issued for Prairie Waters was completed with the issuance of taxable bonds in the amount of \$267.1 million. This results in the financial statements showing an increase in bond proceeds received and debt payments made, netting to zero for the refunding transaction. Additional budget authority will be added to cover these debt related costs through the budget supplemental process.

Statements showing the budget to actual results and the year to year comparison can be found at the end of this memo on pages 9 and 10. Capital details can be found on pages 6 and 7.

Water, Sewer, and Stormwater as of End of Third Quarter					
Item	YTD Plan	2021	2020	Q3 2021 vs YTD Plan	Year Over Year Difference
Operating Revenue	\$159,826,465	\$158,064,149	\$164,722,672	(\$1,762,316)	(\$6,658,523)
Development Revenue	28,232,753	47,898,006	44,210,690	19,665,253	3,687,316
Bond Proceeds and Transfers	0	464,273,084	0	464,273,084	464,273,084
Interest Income	1,979,991	2,411,827	3,799,086	431,836	(1,387,259)
Total Revenue	\$190,039,209	\$672,647,066	\$212,732,448	\$482,607,857	\$459,914,618
Operating Expense	(\$96,403,769)	(\$87,907,900)	(\$87,512,458)	(\$8,495,869)	\$395,442
Capital Projects	(123,089,277)	(81,253,049)	(109,725,441)	(41,836,228)	(28,472,392)
Debt Service	(28,154,357)	(313,911,062)	(23,628,940)	285,756,705	290,282,122
Total Expense	(\$247,647,403)	(\$483,072,011)	(\$220,866,839)	\$235,424,608	\$262,205,172

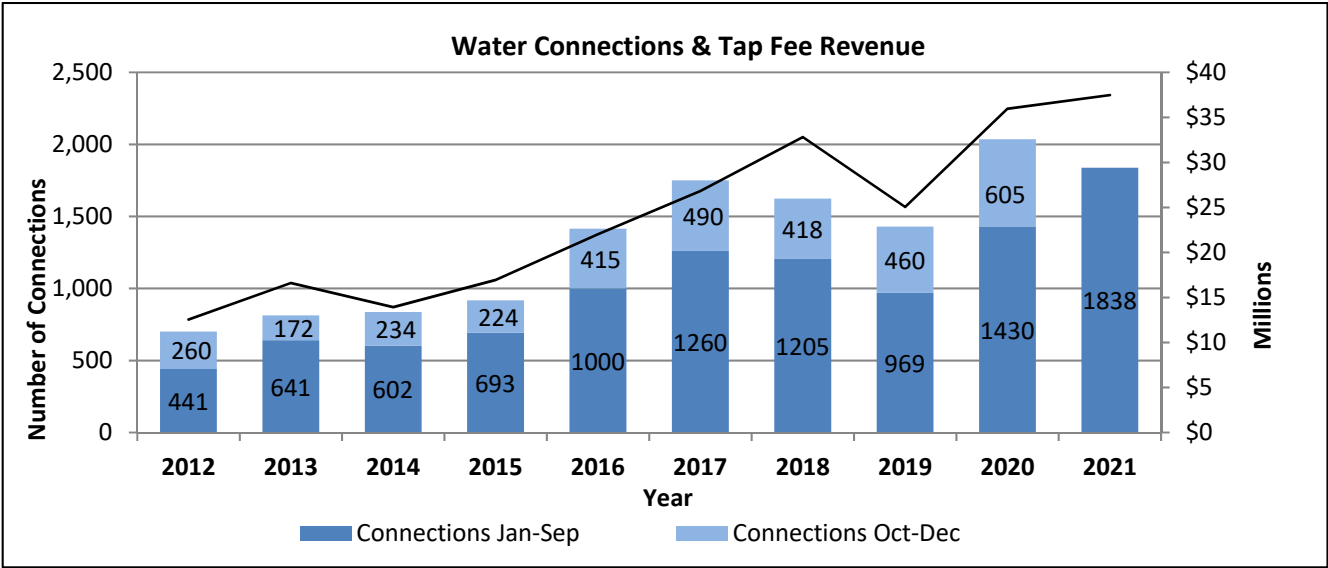
Cash Balances

Reserves detail and cash balances are shown in the table below. The debt policy reserves were updated with the 2022 debt service after the new issues and refunding.

	Water	Wastewater
Total Cash	\$308.4M	\$145.7M
Reserve & Commitment Type		
Debt Service Policy Reserve (next fiscal year debt payment)	\$27.1M	\$8.9M
Operating Reserve (25% of adopted operating budget excl debt service)	\$16.9M	\$13.9M
Water Resources Reserve (\$20 Million)	\$20.0M	
Capital Reserve (0.5% of Net Fixed assets)	\$9.3M	\$3.2M
Capital and Operating Encumbrances	\$139.9M	\$65.6M
Net Restricted Bond Proceeds for Projects	\$23.1M	\$8.5M
Pass-Thru Commitments (METRO and CC Basin)		\$3.9M
WISE Liability to Denver Water	\$5.0M	
Total Reserves and Commitments	\$241.3M	\$104.0M
Cash after Reserves & Commitments	\$67.1M	\$41.7M

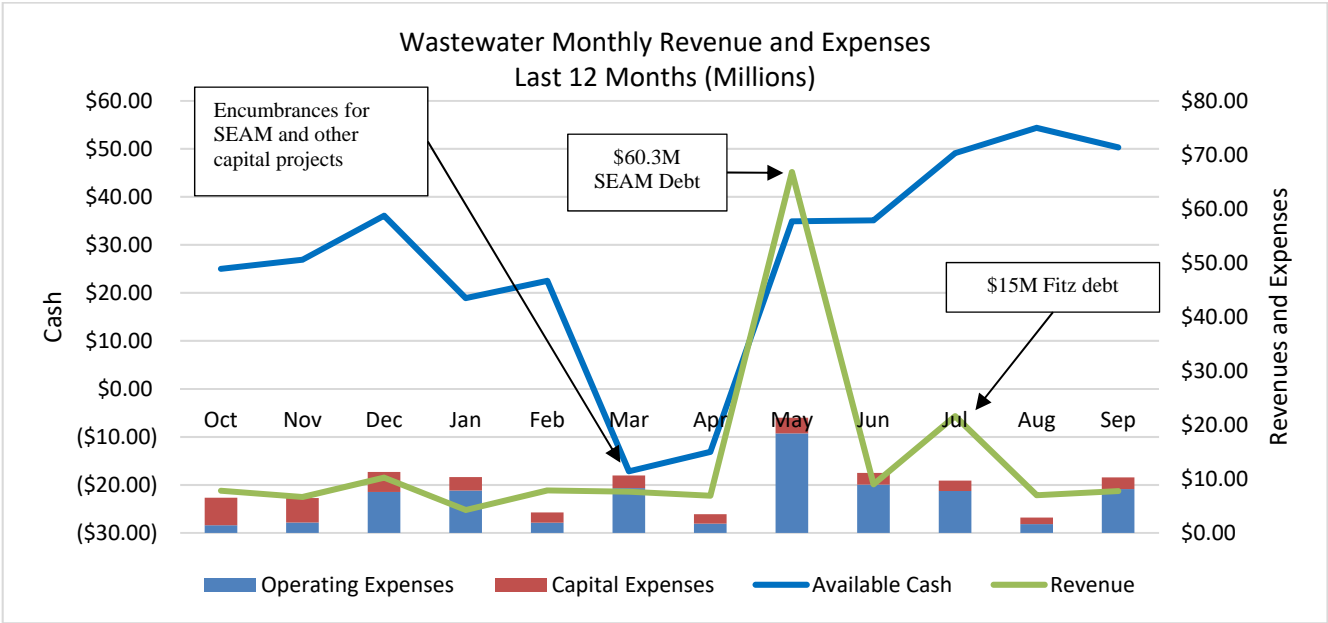
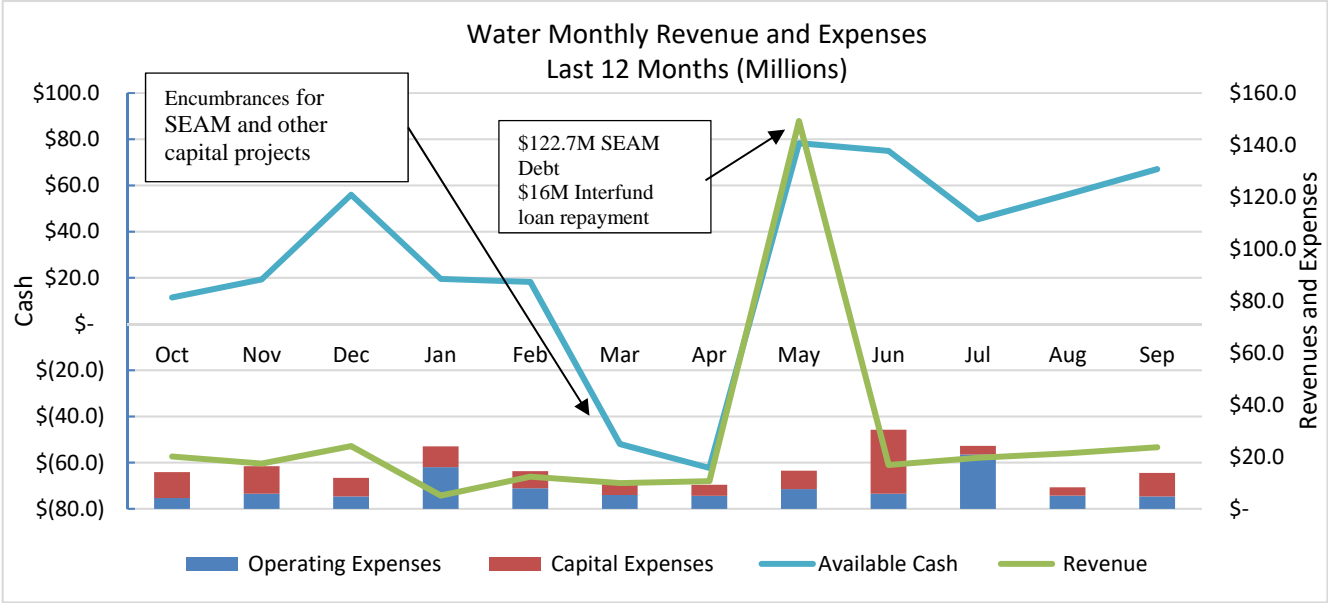
Water Connections

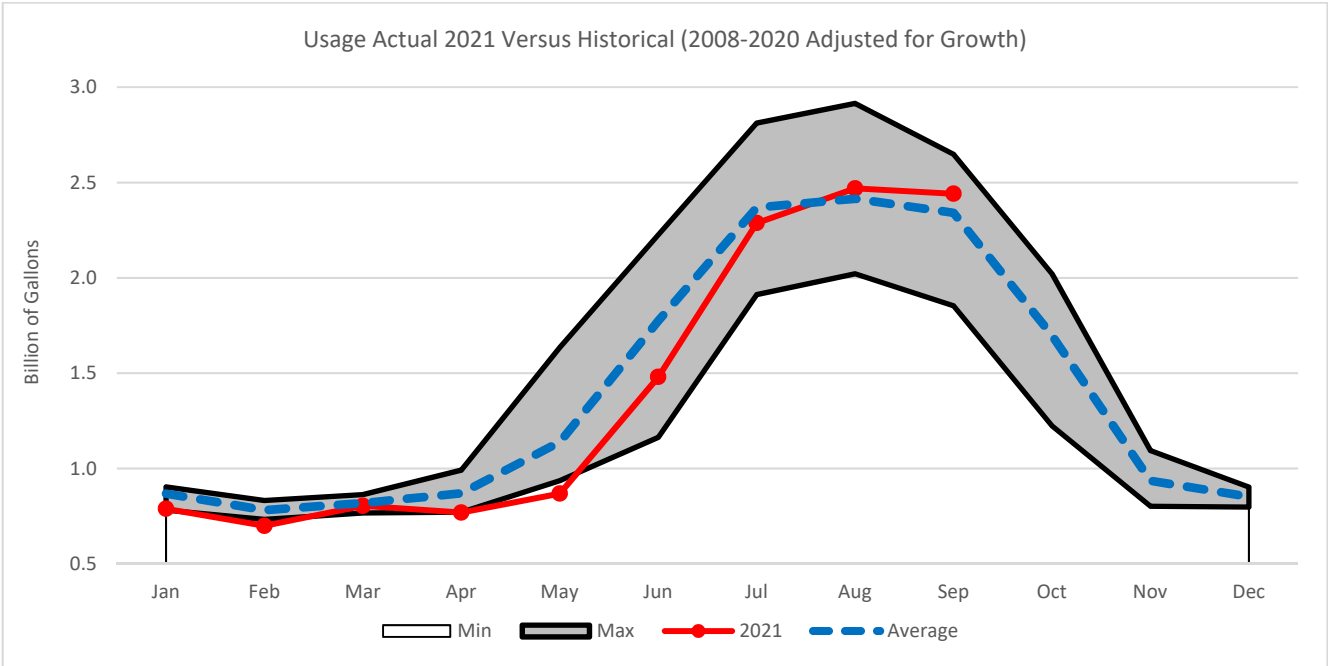
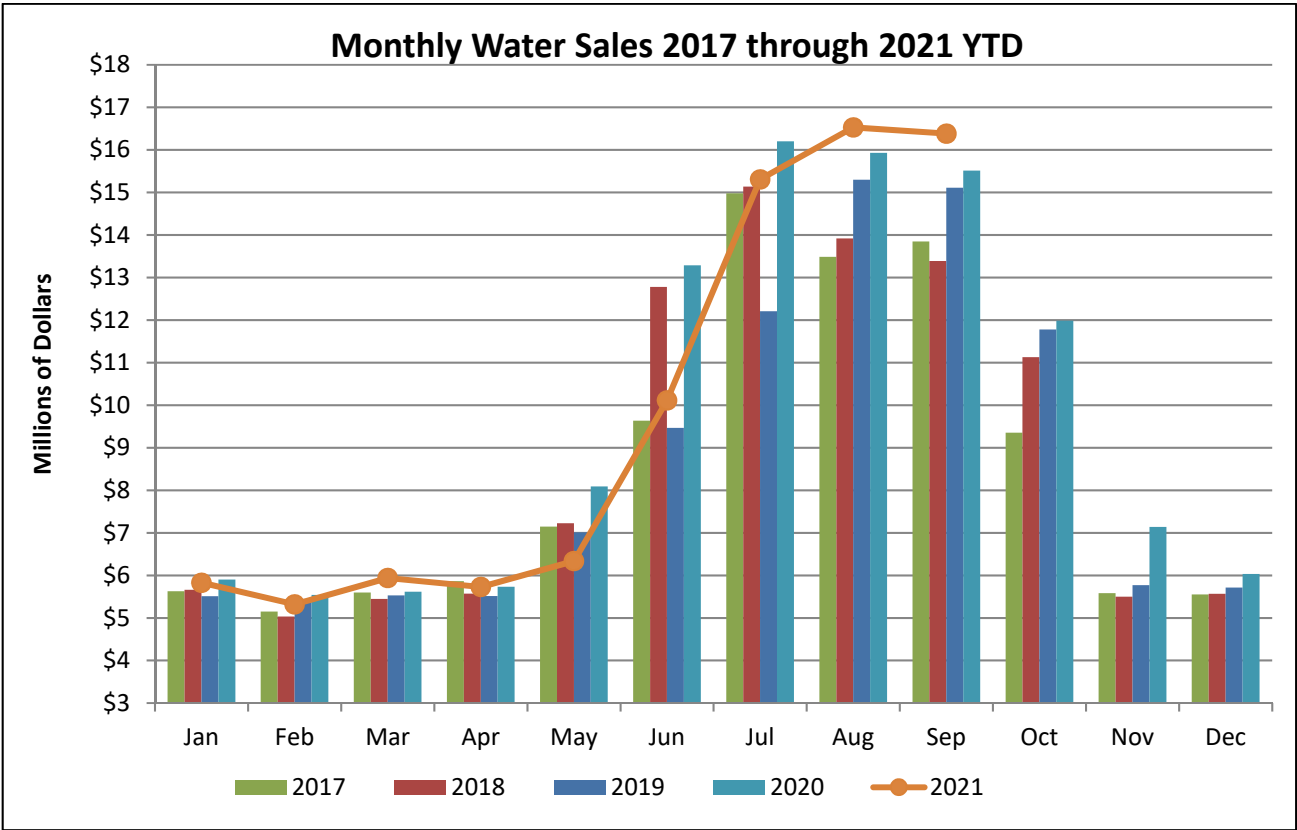
The total number of water connections (single-family, commercial, irrigation and multi-family) and the corresponding Water Connection Fee revenue for 2012-2021 are shown on the following graph. The number of water connections through the third quarter of 2021 increased by 408 connections or 29 percent compared to the third quarter of 2020. Total water connection fee revenues through the Third quarter of 2021 were \$1.5 million (4.2 percent) higher than for the same period in 2020. The overall growth due to development is the highest in the last ten years.



2021 Revenue, Expenses and Cash Flow

The following graphs present a summary of the last 12 months of monthly revenues, expenses, and cash flow.





Overall Capital Plan

Capital Projects Spending as of 09/30/2021

Program	Working Budget*	YTD Spending Plan	YTD Actual Spend	Encumbered**
<u>Water CIP</u>				
Operations & General Management	93,426,820	18,242,019	8,706,831	75,228,963
Pumping	5,545,383	1,928,702	1,431,941	3,723,685
SOS Other	48,526,089	10,306,050	2,448,544	4,118,152
SOS Storage	32,008,338	10,093,362	1,789,650	10,416,392
SOS Water	35,933,508	15,862,195	33,759,573	8,462,726
Transmission & Distribution	36,793,119	12,953,271	6,596,647	22,242,648
Treatment	41,496,533	15,895,269	9,389,013	10,306,822
Water Total	293,729,790	85,280,867	\$64,122,199	\$134,499,388
<u>Sewer CIP</u>				
Collection	38,261,034	10,938,167	4,034,843	8,669,565
Operations & General Management	43,988,797	9,882,169	5,564,327	29,261,593
Sewer Total	\$82,249,831	\$20,820,336	\$9,599,171	\$37,931,158
<u>Stormwater CIP</u>				
Stormwater	33,791,299	10,170,856	5,787,253	8,289,199
Operations & General Management	19,943,556	6,817,218	1,744,427	16,976,149
Stormwater Total	53,734,855	\$16,988,074	\$7,531,680	\$25,265,348
Wastewater Total	135,984,686	\$37,808,410	\$17,130,850	\$63,196,506
Water & Wastewater Total	\$429,714,476	\$123,089,277	\$81,253,049	\$197,695,894

*Working budget includes adopted budget, carry forward, transfers, lapsed appropriations, and supplementals.

Capital Projects Spending

Several factors contributed to project delays including the current economic conditions affecting the supply chain and labor force, changing development plans impacting utility corridors, and increased permitting timelines. The majority of the Senac Creek Interceptor has also been delayed due to unusually high responses to a request for bid. Management has made the decision to delay the majority of this project, re-evaluate the timing and pursue developer partnerships for project funding.

Total capital spending in the Water Fund through the Third quarter was \$64.1 million, which was \$21.2 million less than the year-to-date spending plan of \$85.3 million. This is due to timing differences in anticipated spending. The variance can primarily be attributed to permitting delays at the South East Area Maintenance Facility (SEAM), Wild Horse Reservoir (SOS Storage), and Well Field Land Acquisition (SOS Storage). Additional delays due to delayed geotechnical/surveying efforts were

also experienced at the Solids Handling System Improvements project (Treatment). This deficit was partially offset by Water Rights Acquisitions (SOS Water), which ended the quarter \$25.0 million higher than plan. A \$21.0 million purchase closed at the end of June, which included 512 acres of land for future storage development and water rights from the Godfrey Ditch & Big Bend Ditch totaling 577 Acre Feet of Consumptive Use. Many of the projects in the Water Fund are encumbered for a total of \$134.5 million.

Through the Third quarter, total capital spending in the Wastewater Fund was \$17.1 million, which was \$20.7 million less than the spending plan of \$37.8 million. There are also timing differences of anticipated spending in the Wastewater Fund. The South East Area Maintenance Facility (SEAM) is \$8.8 million less than plan due to delays caused by permitting. In the Sanitary Sewer program, the Senac Creek Interceptor project is \$1.8 million less than plan due to rebidding because of higher than anticipated construction costs. In the Stormwater program, the Peninsula Townhomes Construction project is \$1.3 million less than plan due to contracting issues. In addition, the Hutchinson Channel & Central Recreation Center Redesign is \$1.5 million less than plan. Many of the projects in the Wastewater Fund are encumbered for a total amount of \$63.2 million.

Capital Improvement Project of the Quarter First Creek Lift Station Upgrades

The First Creek Lift Station (FCLS) is located near N. Piccadilly Rd. and E. Green Valley Ranch Blvd. The FCLS was designed to temporarily serve development in the surrounding area until the gravity First Creek Interceptor (FCI) sewer is completed in 2024. Therefore, the FCLS needs to continue service until the FCI is completed. The current growth and development in the area required the FCLS to increase its pumping capacity. The improvements needed at the site included the following:

- Installation of larger submersible pumps to increase capacity from 1.6 MGD to 3.0 MGD
- Adding a flowmeter to the discharge piping and vaults
- Adding a bypass pumping connection point to the station
- Safety improvements to the existing wet well cover
- Instrumentation and Controls (I&C) upgrades

The construction took place in 2020 during the height of COVID 19 pandemic, but the Aurora Water team, contractor, and designer worked to complete the project on budget. The schedule was extended a few months due to limitations in staffing resources, materials procurement, and I&C commissioning delays.

The completion of this Project provides added capacity to the lift station to allow for future growth in the area while also providing monitoring capabilities, and improved access and safety. Below are a few site photos.



2021 Financial Comparison

The following table presents a comparison of budget to revenues and expenses through the Third quarter for the year 2021.

WATER as of 09/30/2021				
Revenues & Expenses	Working Budget*	YTD Plan	YTD Actual (Accrual Basis)	% Actual to Plan
Operating Revenue	\$134,055,574	\$104,731,224	\$103,299,379	-1%
Development Revenue	34,892,631	23,259,431	38,132,931	64%
Bond Proceeds and Transfers	120,000,000	-	403,990,000	0%
Interest Income	1,900,000	1,424,997	1,728,020	21%
Total Revenue	\$290,848,205	\$129,415,652	\$547,150,330	323%
Operating Expense	(\$72,847,296)	(\$54,333,993)	(\$49,888,109)	-8%
Capital Projects	(293,729,790)	(85,280,867)	(64,122,198)	-25%
Debt Service	(22,857,980)	(22,857,435)	(292,722,186)	1181%
Total Expense	(\$389,435,066)	(\$162,472,295)	(\$406,732,493)	150%
Net Revenue & Expense	(\$98,586,861)	(\$33,056,643)	\$140,417,837	
SEWER as of 09/30/2021				
Operating Revenue	\$51,239,954	\$37,443,252	\$37,083,388	-1%
Development Revenue	5,762,750	3,840,409	7,004,643	82%
Bond Proceeds and Transfers	44,000,000	0	43,283,084	0%
Interest Income	526,360	315,000	385,843	22%
Total Revenue	\$101,529,064	\$41,598,661	\$87,756,958	111%
Operating Expense	(\$42,620,737)	(\$31,872,461)	(\$29,951,914)	-6%
Capital Projects	(82,249,831)	(20,820,336)	(9,599,171)	-54%
Debt Service	(2,523,396)	(2,523,396)	(12,649,954)	401%
Total Expense	(\$127,393,964)	(\$55,216,193)	(\$52,201,039)	-5%
Net Revenue & Expense	(\$25,864,900)	(\$13,617,532)	\$35,555,919	
STORMWATER as of 09/30/2021				
Operating Revenue	\$23,650,020	\$17,651,989	\$17,681,382	0%
Development Revenue	1,700,000	1,132,913	2,760,432	144%
Bond Proceeds and Transfers	0	0	17,000,000	0%
Interest Income	320,000	239,994	297,964	24%
Total Revenue	\$25,670,020	\$19,024,896	\$37,739,778	98%
Operating Expense	(\$13,666,674)	(\$10,197,315)	(\$8,067,877)	-21%
Capital Projects	(53,734,855)	(16,988,074)	(7,531,680)	-56%
Debt Service	(2,773,526)	(2,773,526)	(8,538,922)	208%
Total Expense	(\$70,175,055)	(\$29,958,915)	(\$24,138,479)	-19%
Net Revenue & Expense	(\$44,505,035)	(\$10,934,019)	\$13,601,299	

*Working budget includes adopted budget, carryforward, transfers, lapsed appropriations, and supplementals.

Year-to-date Comparison to Prior Year (Water, Sewer and Stormwater)

The following table presents a comparison of revenues and expenses through the Third quarter for years 2021 and 2020.

WATER Third Quarter Comparison			
Revenues & Expenses	2021	2020	% Change
Operating Revenue	\$103,299,379	\$109,662,783	-6%
Development Revenue	38,132,931	36,581,957	4%
Bond Proceeds and Transfers	403,990,000	0	0%
Interest Income	1,728,020	2,671,413	-35%
Total Revenue	\$547,150,330	\$148,916,153	267%
Operating Expense	(\$49,888,109)	(46,136,024)	8%
Capital Projects	(64,122,198)	(89,531,836)	-28%
Debt Service	(292,722,186)	(20,386,050)	1336%
Total Expense	(\$406,732,493)	(\$156,053,910)	161%
Net Revenue & Expense	\$140,417,837	(\$7,137,757)	
SEWER Third Quarter Comparison			
Operating Revenue	\$37,083,388	\$36,638,293	1%
Development Revenue	7,004,643	6,528,530	7%
Bond Proceeds and Transfers	43,283,084	-	0%
Interest Income	385,843	664,230	-42%
Total Revenue	\$87,756,958	\$43,831,053	100%
Operating Expense	(\$29,951,914)	(\$32,892,673)	-9%
Capital Projects	(9,599,171)	(7,987,841)	20%
Debt Service	(12,649,954)	(2,286,064)	453%
Total Expense	(\$52,201,039)	(\$43,166,578)	21%
Net Revenue & Expense	\$35,555,919	\$664,475	
STORMWATER Third Quarter Comparison			
Operating Revenue	\$17,681,382	\$18,421,596	-4%
Development Revenue	2,760,432	1,100,203	151%
Bond Proceeds and Transfers	17,000,000	0	0%
Interest Income	297,964	463,443	-36%
Total Revenue	\$37,739,778	\$19,985,242	89%
Operating Expense	(\$8,067,877)	(\$8,483,761)	-5%
Capital Projects	(7,531,680)	(12,205,764)	-38%
Debt Service	(8,538,922)	(956,826)	792%
Total Expense	(\$24,138,479)	(\$21,646,351)	12%
Net Revenue & Expense	\$13,601,299	(\$1,661,109)	

MEMORANDUM



City of Aurora

Worth Discovering • auroragov.org

To: Citizens' Water Advisory Committee

Through: Marshall Brown, General Manager, Aurora Water
Steven L Sciba, Deputy Director of Operations, Aurora Water
Marena Lertch, Manager, Support Services Division
Brian Carfield, Water Service Superintendent

From: Kyle Fortner, Water Service Supervisor, Aurora Water

Date: November 9, 2021

Subject: Innovation in the Workforce- Informational Only

Purpose:

This memorandum is to provide support for an informational presentation regarding the 3D printer utilized by the Aurora Water Trades group. This presentation is a brief overview of the 3D printer, background regarding the need for utilizing this type of technology and includes a description of multiple products that have been created as well as plans for the future.

Question:

Informational item only. No action required.

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Innovation Minute

Aurora Water Trades Group



#1 in Customer Satisfaction with Midsize Water Utilities in the West
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Who we are:

Aurora Water Trades Group

- Comprised of four employees
- Perform a multitude of services, including:
 - Metal Fabrication
 - Computer Aided Design
 - Small Equipment Maintenance and Repair
 - 3D Printing



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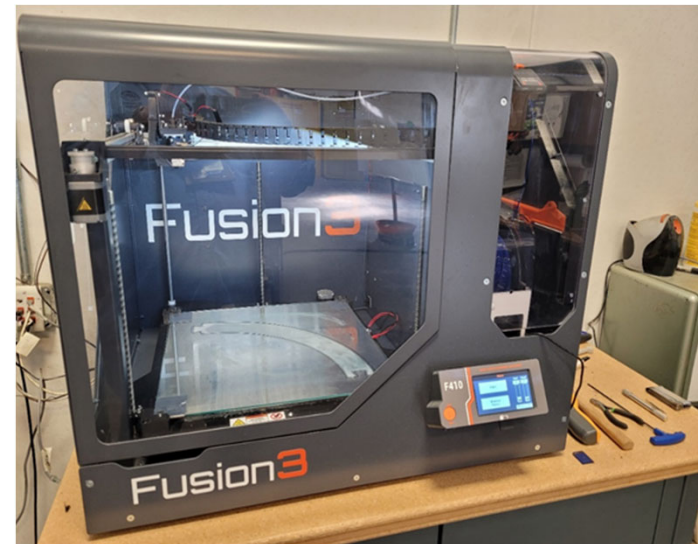


3D Printer Specifications and Information

Aurora Water Trades Group

Fusion3 F410 3D Printer

- All designs are created within Fusion 360 software (similar to AutoCAD)
- **Maximum printing size:**
 - 14"x14"x12"
- **Filament types:**
 - *PETG*
 - Commonly used for water bottles and cooking oil containment
 - *Carbon Fiber*
 - For applications that require a high impact resistance



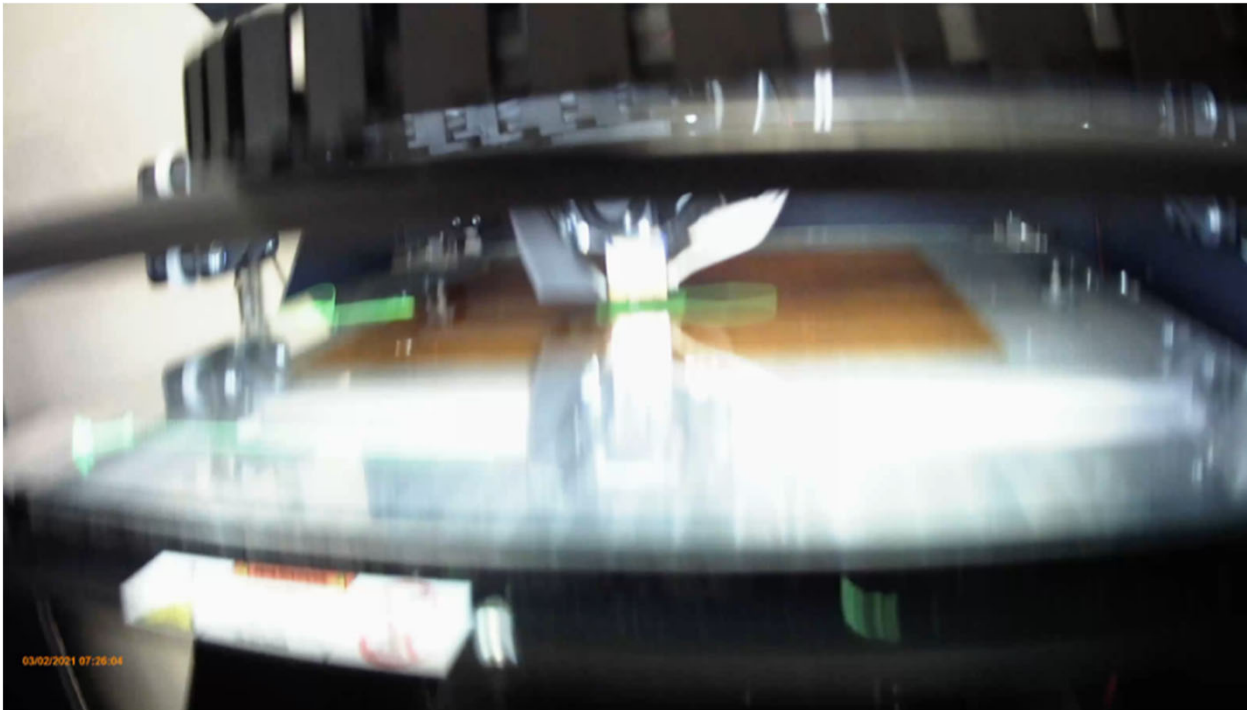
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3D Printer Specifications and Information (cont'd)

Aurora Water Trades Group

Fusion3 F410 3D Printer



ilities in the West

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Projects

Aurora Water Trades Group

Gate Valve Packing Plate

Steel Version

- Many of these are obsolete requiring custom and tedious metal fabrication
 - Took on average, 4-8 hours of labor to create

Carbon Fiber Version

- Requires 6-hour unsupervised print time
 - Once created, the file can be saved and printed again later
 - Part can be available next-morning
 - We believe this to be stronger than cast iron
 - Can print for less than \$10



#1 in Customer Satisfaction with Midsize Water Utilities in the West
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Projects (cont'd)

Aurora Water Trades Group

Frost Valve Vent Pipe Mount

- Idea was formed by a customer
- We were able to create the mount and make it compatible with an already existing product
- Learning from our designs:
 - The top and bottom pictures were designed differently after first application in the field
 - First design had a chip in the enclosed holster
 - Second design was created so the “clamps” were interchangeable to minimize chipping or breaking

First Design



Second Design



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Meter Ring Pilot Program

Aurora Water Trades Group

Meter Pit Riser Rings

Warehouse had been receiving cracked and poorly constructed concrete riser rings, idea to replace with the 3D printer was created

- **Lightweight in comparison**

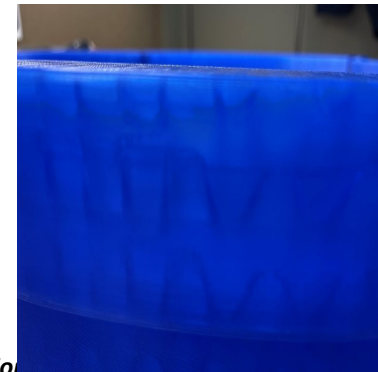
Material	2"	4"
Concrete	25 lbs	43.5 lbs
3D Printed PETG	3 lbs	6.5 lbs
	88% lighter	85% lighter

- **Cost Savings:**

- Concrete 2" riser ring (including delivery): **\$27.00**
- PETG 2" riser ring: **\$18.75**

- **Pilot Program**

- Began in the middle of October
- Will conclude in April 2021
 - Structural integrity will be observed, and will determine if program moves forward



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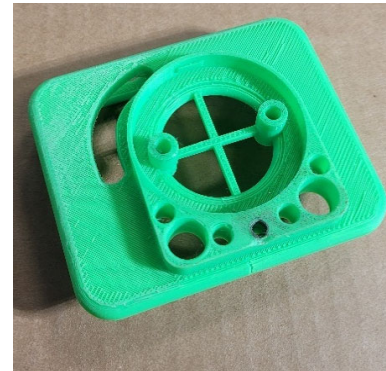
Projects (cont'd)

Aurora Water Trades Group

Meter Pit Transfer Pump



Air Intake Case for String Trimmer



Misc. Small Equipment Pull Handles



Gate Valve Seat



#1 in

ies in the West

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QUESTIONS?

Contact Us:

Phone: (303) 326-8072

Email: Trades@auroragov.org



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MEMORANDUM



City of Aurora

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To: Citizens' Water Advisory Committee

Through: Marshall P. Brown, Director, Aurora Water

From: Greg Baker, Manager of Public Relations, Aurora Water

Date: November 9, 2021

Subject: Next Step for Big Savings – Connection Fees

Purpose:

Aurora's water conservation efforts have resulted in large and quantifiable water savings. In order to meet future water needs due to climate change and population growth, increasing the amount of reusable water is a primary goal of the utility. Finding that next area for generating substantial water savings will involve community outreach and engagement. Aurora Water wants to utilize CWAC help research, review and guide staff on additional potential water saving methodologies.

Aurora's connection fee methodology is based on projected water use and recovers costs for new supply acquisition, storage, conveyance, treatment and distribution. These fee components are reviewed regularly and are included with the Rate and Fee Adjustments as part of the budget presentation. Staff noted in the 2022 budget presentation that the cost for acquisition has risen substantially, which resulted in a 10% increase in connection fees. With the increased reliance on Aurora's Prairie Waters potable reuse system to meet future needs, the ability to recapture and reuse existing water supplies is becoming a critical consideration. Staff will engage with CWAC on potential means to include a recoverability component of water within the city and to ensure that related cost of loss of reusability are appropriately captured in the rate and fees. This concept is still early in its evaluation process. Staff will provide additional details at the meeting.

Background:

On June 8, 2021, staff engaged with a broad discussion on the potential for additional changes to the city's Unified Development Ordinance (UDO) to reduce irrigatable landscape in medians and streetscapes. At the October 12, 2021 meeting, the committee provided input and suggestions on the use the Engage Aurora online platform for a discussion on nonfunctional turf.

Question:

Does the committee support the concept of including recoverability of water as a cost component to the water connection fees?

cc: File copy