Ensure Financial Stability	
Reconciled Bank Account Balances	Refer to attached Reconciled Bank Account Balances as of 3/31/2024.
Monthly Balance Sheets	Provided separately to Board of Directors. [redacted]
Monthly Income Statements	Provided separately to Board of Directors.
Monthly Financial Dashboard	Provided separately to Board of Directors. [redacted]
AP Check Reconciliation Register	Provided separately to Board of Directors.
Capital Improvement Projects for Drinking Water	Provided separately to Board of Directors.
Capital Improvement Projects for Wastewater	Provided separately to Board of Directors.
Capital Improvement Projects for Stormwater	Provided separately to Board of Directors.
Grant Management	Refer to attached Grant Management Report. [redacted]

Ensure Revenues are Consistent with System Usage	
Water Shut-offs	There were zero water shut-offs for non-payment and 10 service shut-off requests.
Repair/Replace Meters/MXUs/Batteries	Drinking Water Distribution staff replaced 5 water meters, 39 batteries, and 6 MXUs.
Reduce Wet Weather Impacts to Infrastructure, Community, and Receiving Waters	
Negotiate with PADEP/U.S. EPA/DOJ on Past and Future Practices	CRW submitted deliverables per the Modification to Partial Consent Decree (MPCD) - Alternatives Analysis with Water Quality Model and Financial Capability Assessment Analysis (3/31/2024); Semi-Annual Report/Chapter 94 Report/Updated Wastewater/Stormwater Operation and Maintenance Manual/Updated Nine Minimum Control Measures Plan/Strategic Asset Management Plan (3/31/2024). ADS Echo Monitors were installed 3/20/2024 per the MPCD.
Develop Necessary Planning for Implementation of Green Infrastructure	Phase 4 SW Pro-Fi is still under construction – construction has commenced on the last of four GSI sites, the 15th and Swatara Community Gardens Harrisburg Redevelopment Authority (HRA) Lots. Phase 1 – 2024 Green Stormwater Infrastructure (GSI) Improvements (originally Phase 5 SW Pro-Fi) is under final review, and will go out to bid this Spring. CRW submitted a $13.3M PENNVEST Application for GSI Capital Improvements 2024 through 2028 on 2/19/2024 – PENNVEST's Board meets on 4/24/2024 to review and approve.
Joint Pollutant Reduction Plan - Collaborate with Suburban Partners on MS4	No update.

Obtain and Comply with Individual MS4 Permit	CRW Engineering and Wastewater Operations are working together to perform water quality investigations per CRW's MS4 Permit to identify any sources of Polychlorinated Biphenyls (PCBs) and Pathogens within our separate storm sewer systems. No known sources are identified at this time; however, PADEP requires, through random water quality sampling, that we investigate.

Operate Facilities with a High Standard of Care	
Permit Compliance	The Drinking Water department met all primary and secondary Safe Drinking Water Act permit parameters for the month of March.
	The AWTF met all NPDES Permit parameters for the month of March. Four Dry Weather Overflows were reported.
Notice of Violations (NOVs)	There were no NOVs received by the Drinking Water department in March.
	Wastewater received a violation notice stemming from a review of our Annual Biosolids Report that found we had missed one parameter for analysis several times in our bimonthly biosolids testing in 2023, whcih includes testing for 17 substances. The oversight was caused by a clerical error with new staff on chain of custody forms. An analysis for the missed parameter Polychlorinated Biphenyls (PCBs) was immediately ordered and the result was a non-detect as it had been for several years prior to the misses. A response letter has been developed and will be sent to PADEP in April.
Preventative Maintenance	The Drinking Water Maintenance group conducted all scheduled preventative maintenance for the month to the water treatment plant equipment. Specific facility maintenance activities are outlined within the Drinking Water Department Monthly Report for March.
	The Wastewater department completed all regularly scheduled preventative maintenance in the month of March.
CCTV	A total of 8,765 feet (1.66 miles) of sewer pipes were assessed by closed circuit television (CCTV) footage during the month of March. A total of 3,452 feet (0.65 miles) of sewer pipes were flushed as well.
Incident Response	Wastewater responded to seven backup and overflow calls from residents during the month of March. CRW was responsible for none.
Geographic Information System (GIS)	• Thirty-one (31) Pennsylvania One Call tickets were completed. Thirty (30) required a map and one (1) had no CRW assets in the project area. • Lead Service Line Inventory project support continues. This includes attendance at several meetings across multiple departments. • Survey123 submittals continue to be entered into the GIS data as we receive them. • One (1) meeting was held at the AWTF to update the GIS data based on CCTV data. • Met with Harrisburg University (HU) to pick up revised GIS data. (Revised data was related to the LSLI (Lead Service Line Inventory) work.) HU is assisting us with updating our records based on water lateral connection cards.
Cityworks	[redacted]

Asset Management	**Roadmap activity report:** **Roadmap Implementation Groups (RIG)** **Decision Making Capital Planning RIG** • Task 2.1 Funding Strategy to follow 2.2 engage May/June timeframe. • Task 2.2 Budget Processing Workflow scheduled kick-off meeting for 4/15/2024. • Task 2.3 AWTF Rehabilitation and Renewal Process – tentative June kickoff. **Information System Data Management RIG** • Task 3.1 Contractor provided updates to Asset Inventory projected kickoff in August. • Task 3.2 Integrations and Interface next steps TBD. Currently collaborating with GIS team on addressing 'High' priority items with focus on drinking water dataset that will impact risk calculations in AM plan development. **Operations & Maintenance RIG** • Task 4.1 Distribution Asset Management Plan (DAMP) scheduled workshops for 3/18/2024, 4/16/2024, 5/6/2024 and 5/29/2024. Review of Section 1 draft to be complete by 4/16/2024. • Task 4.2 Asset Class Plans, workshops held 3/25/2024 and 3/28/2024, the eight draft asset class plans are in final review. • Task 4.3 Collections Job Plans and 4.4 Problem/Cause/Remedy Codes projected July kickoff. • Chief Operations Officer and Operations Supervisor of Wastewater completed final review of updated AWTF asset registry, next steps will be printing and placing of the barcode labels. • Task 6.1 WSC Asset Inventory and Visual Condition Assessment, held planning meeting on 3/26/2024 with consulting team. Presented Asset Management overview and conducted an asset registry workshop on 4/8/2024 with Drinking Water Management and maintenance crew. **Organizational Framework RIG** • Task 5.1 CAMP LOS and Performance Measures will follow completion of Task 4.4. • Task 5.2 Roles and Responsibilities and Task 5.3 Resources will follow completion of Tasks 5.5 & 5.6, projected 3rd quarter of 2024 • Task 5.4 Document and Knowledge Management project kickoff 4th quarter of 2024. • Tasks 5.5 Program Evaluation workshops scheduled for 5/13/2024 and 5/29/2024 followed with Task 5.6 AM Roadmap Update with an estimated completion in July. • Task 5.7 Employee Development and Training kickoff 4th quarter of 2024. **InfoAsset Planner Year 2 Implementation activity report:** Drinking Water Distribution asset datasets are being assessed for attribute completeness and level of effort needed to fill in missing data. **Other activities:** • Collaboration continues with working groups on the Lead Service Line Inventory, and Risk Management. • Coalesced CRW's 2023 Benchmarking Utility Survey responses and submitted on AWWA's portal 4/5/2024 and uploaded preliminary reports for review.

Development Review Summary	For details, see attached Development Stormwater Management Review Summary spreadsheet for April.

Undertake Capital Improvement Projects - *Refer to attached Capital Improvement Projects Report*	
Professional & Contractor Services	**Recommend Board approval of the following Resolutions, Task Orders, Change Orders and Agreements:** **Drinking Water:** PA Habitat Improvement Contract [redacted] Grant Agreement [redacted] **Wastewater:** • Task Order 2022-15-02: Engineering Services for 2023 Sewer System Improvements [redacted] • Task Order 2024-12-01: Engineering Services for AWTF Energy Recovery Improvements Project [redacted] **Stormwater:** Task Order 2024-11-01: Engineering Services for 2025 Small Sewer Separation Project [redacted]
Stormwater O&M Agreements	**Recommend Board approval of the following:** None
AWTF Primary Digesters Rehabilitation	A mediation session was held on 4/9/2024 in regards to contractor claims. Refer the the Board agenda for the related action item.
AWTF Primary Clarifiers Improvements	The project is in the preliminary design phase.
AWTF Energy Recovery Improvements	PENNVEST loan settlement for this project will be held on 4/25/2024. Notice to Proceed will then be issued to the contractor for all three contracts.
Front Street Pumping Station Improvements	A mediation session was held on 4/9/2024 in regards to contractor claims. Refer the the Board agenda for the related action item.
	The contractor remobilized to install the temporary (bypass) water main. Once established, the contractor will begin cured-in-place pipe lining and associated water main replacement.
Undertake Renewal and Replacement Projects	
2024 Water System Improvements	The project is in final design stage and will be advertised for bids in May. Construction is expected to begin in Fall 2024.
Cameron Street Water Main - Phase 4	
2023 Sewer System Improvements (Trenchless)	Standard Pipe Services remobilized to clean and televise sewer pipes. Cured-in-place pipe (CIPP) lining work resumed the week of 4/8/2024 and will extend through May 2024.
2024 Sewer System Improvements	The project is in final design stage and will be advertised for bids in late April. Construction is expected to begin in Fall 2024.
Arsenal Boulevard Sewer Improvements	PENNVEST loan settlement for this project will be held on 4/25/2024. Notice to Proceed will then be issued to the contractor.
Front Street Interceptor Rehabilitation - Phase 2	The contractor is performing miscellaneous punch list items in Riverfront Park which should be completed in May.
Water Facility Maintenance	The Water Maintenance group completed various repairs throughout the Water Treatment Facility, pumping stations, and at the Administrative Offices throughout the month. A narrative is provided in the Drinking Water Department Monthly Report for March.

Wastewater Facility Maintenance	The Wastewater Maintenance group completed various repairs throughout the Advanced Wastewater Treatment Facility (AWTF), pumping stations, and at the Administrative Offices throughout the month. A narrative is provided in the Wastewater Department Monthly Report for March.
Sinkhole Program	Eight sinkholes were investigated by CRW in the month of March. One was due to failure of a water main.
Inlet Cleaning	Field Construction replaced two inlets at Green and McCleaster Streets, blanked eight inlets for debris control, and repaired 16 inlets at various locations throughout the City.

Operate as an Efficient, Sustainable and Resilient Water Utility	
DeHart Property Stewardship	In accordance with the DeHart Property Forest Management Plan: • A regeneration harvest is underway in Management Units (MUs) 20, 34, 36, and 37 (approximately 155 acres). Harvest will improve forest health and release regeneration of a more desirable understory. • Harvest is underway in MUs 40 and 42 (approximately 135 acres). Harvest prescription supports overstory removal to release regeneration. • A Notice to Proceed was issued for timber harvest in MU 12 (approximatley 140 acres). Harvest prescription will improve forest health through overstory removal and release of advanced regeneration. • The Nature Conservancy hosted its annual Forest Stewardship Council (FSC) meeting in Pennsylvania. A field tour was hosted at the DeHart Property on 3/26/2024. • Habitat improvement projects are planned for MUs 15, 16 & 24 (approximatley 200 acres).
Sustainability	A Request for Proposal (RFP) for a solar development project was issued on 1/8/2024 and a pre-proposal site vist was hosted on 1/29/2024. Proposals were received on 2/21/2024. Staff continue to review and evaluate proposals.
Internal Communications	Intranet [redacted] site continues to be used. The internal quarterly newsletter, The Daily Flow, was issued on 3/01/2024. The Q1 All Employee Meeting was held on 3/26/2024. Topics inlcuded the Lead & Copper Rule Revisions and solutions to address CSO activity.

Inform and Listen to Customers and Encourage Stewardship of our Systems	
Media Relations - Press and Social Media	**PRESS RELEASES:** N/A. **SOCIAL MEDIA TOPICS:** **Facebook/Instagram:** +9 FB/0 IG New Followers (TOTAL: 1,679 FB and 744 IG). Nine (9) Posts; Highest Engaged Post: "EOM- Antonio Flores" (2,851 Reachs, 65 Reactions, 12 Shares, 24 comments); Other topics: Customer Care Center (CSC) Closure, Boil Water Advisory Notice, and Advanced Metering Infrastructure (AMI) project update, Easter Break Post. **Nextdoor:** Stats: 7,742 Total Members (111 New members); Two (2) Posts. **2023 Demographics:** Most Active Age-range: 25-54; Gender Division: 62% Women / 37% Men; Locations: Harrisburg, Penbrook, Mechanicsburg, Steelton, Linglestown, Camp Hill and Lancaster.

Community Relations	**Community Outreach:** • Zero (0) community events. • Zero (0) facility tours. • Two (2) community meetings: CRW Community Ambasadors meeting, reaching five (5) community members with a presentation about the Advanced Metering Infrastructure (AMI) project on 3/20/2024; Community Council meeting, reaching fifteen (15) community members with a presentation about the Advanced Metering Infrastructure Upgrade project on 3/11/2024. • Delivered one hundred sixty (160) door-to-door notifications to alert customers to CRW work including water service interruptions, boil water advisories, sewer and water projects, and lead risk mitigation efforts. • Six (6) Everbridge alerts, related to boil water advisories.
Public Communications	**WHAT'S ON TAP COMMUNICATION:** The March monthly bill stuffer was distributed as a bill insert. Topics included: New Everbridge Alters, new water meter replacement & Customer Assistance Program updates.
Business Diversity	The Business Diversity Program is participating in the Mayor's Equity Round Table "MERT" workgroup for the purpose of offering guidance on diverse business related internal policy. The workgroup has been meeting weekly since the start of April.
Administrative	
Risk Management	**Executive Summary:** Total Claims: 48 Open: 19 Closed: 29 Insurance Line Claim Count: Auto: 6 General Liability: 25 Public Officials: 2 Property: 1 Workers Compensation: 13 Surety Claim: 1
Human Resources	See attached Recruiting Status Report.

Procurement	Recommend Board approval of the following: No approvals at this time. Updates: • PennBid: 2024-201 Flocculation and Sedimentation Basin Safety Railings, issued 4/11/2024, close date 5/2/2024. • RFQ: Landscaping Services for Administration Building, issued 4/8/2024, deadline to submit quotes 4/30/2024. • RFP: Special Counsel Legal Services, issued 3/28/2024, proposals due 4/18/2024. • Working with AWTF to develop a tighter Scope of Work and Technical Specifications to trouble shoot and repair motors, pumps, etc. to convert business process outsourcing (BPO's) to service contracts for Co-Gen engine service and machine shop repairs. • Capital Improvement Project (CIP) meetings continue with Drinking Water, Wastewater and Stormwater Departments to plan for respective quarterly planning. • Procurement and AWTF working together on Scope of Work and Bid Specifications for Bio Solids Hauling. • Procurement continues to work with Compliance / Risk Management for personal protection equipment (PPE) project.
Information Technologies (IT)	[redacted]

Office Management and Admin Professional Services and Construction	**Incoming Correspondence Report:** Refer to attached Incoming Correspondence Report for March 2024. **Street/Sidewalk-Cut Permits:** Four (4) Drinking Water permits were issued. One (1) Drinking Water and one (1) Sewer permits were successfully completed, inspected, and closed by the City of Harrisburg's Engineer. Four (4) non-compliance letters for failure to restore the street or failed inspection were sent via email and certified mail. **Fleet Management (Acquisitions):** Provided purchase orders to respective vendors for the vehicles, upfits, and equipment that received Board approval in the 3/27/2024 meeting. **Annual Act 90 Permit Renewals**: Annual renewal stickers for Act 90 Permits for C-22 and C-85 were renewed for [redacted] - Expiring 6/30/2025.
Right-to-Know Requests	CRW has received and responded to zero (0) Right-to-Know requests during the period 3/21/2024 through 4/17/2024. Other informational requests were identified as not being formal RTK requests and/or were transferred to the Customer Service Center for appropriate response throughout the month. **OOR Training:** None.

CAPITAL REGION™

WATER

Reconciled Bank Account Balances

Reconciled Bank Account Balances

03/31/2024

Unrestricted Cash Accounts	Balance	APY	Bank	
ADMIN				
Business Checking-6908	$ 44,818.73	0.65%	First National Bank	
Money Market-Admin-0621	$ 354,313.89	5.22%	First National Bank	
FNB Lockbox-6393	$ 50,351.97	0.0000%	First National Bank	
General Account-7892	$ 854,301.77	0.00%	First National Bank	
Project Fund-6990	$ 459,047.89	4.59%	First National Bank	
WATER				
Water Revenue Fund-6833	$ 206,426.50	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Water-0639	$ 17,783,479.52	5.22%	First National Bank	
Water 2022 Pennvest-1878	$ 10,130.16	0.00%	First National Bank	
SEWER				
Sewer Revenue Account-5819	$ 159,585.50	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Sewer-0589	$ 9,209,748.94	5.22%	First National Bank	
Sewer 2021 Pennvest-5846	$ 15,168.74	0.00%	First National Bank	
Sewer Pennvest-3642	$ 53,359.04	0.00%	First National Bank	
Sewer 2022 Pennvest-6430	$ 20,001.56	0.00%	First National Bank	
STORMWATER				
Stormwater Revenue Account-8814	$ 253,830.79	0.00%	First National Bank	Earnings Generated offset fees for Services
Stormwater Money Market-4633	$ 3,076,192.27	5.22%	First National Bank	
Stormwater Pennvest-0241	$ 10,500.95	0.00%	First National Bank	

Restricted Cash Accounts	Balance	APY	Bank	
WATER				
Water 2016A Debt Service Reserve-517295	$ 5,991,098.49	5.190%	Bank of New York	
Water 2016A Debt Service Fund-517296	$ 4,519,152.08	5.190%	Bank of New York	
Water 2018 Debt Service Reserve-763549	$ 4,338,339.11	5.190%	Bank of New York	
Water 2018 Debt Service Fund-763548	$ 259,000.95	5.180%	Bank of New York	
Water 2018 Bond-Construction-763594	$ -	4.870%	Bank of New York	
SEWER				
Wastewater 2017 Debt Service Reserve-721503	$ 3,022,137.29	5.19%	Bank of New York	
Wastewater 2017 Debt Service Fund-721387	$ 987,014.59	5.19%	Bank of New York	

Investment Accounts	Balance	APY	Bank	
ADMIN				
Certificate of Deposit – Nat'l Civil War Museum	$ 250,000.00	0.1499%	First National Bank	Restricted $250,000 min/$500,000 max
WATER				
PLGIT Investment May 2024	$ 500,000.00	5.240%	PLGIT	
SEWER				
Sewer CD May 2024	$ 500,000.00	5.30000%	First National Bank	

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Grant Management Report

CAPITAL REGION WATER

Grant Management Report as of 3/31/2024

This information is not available.

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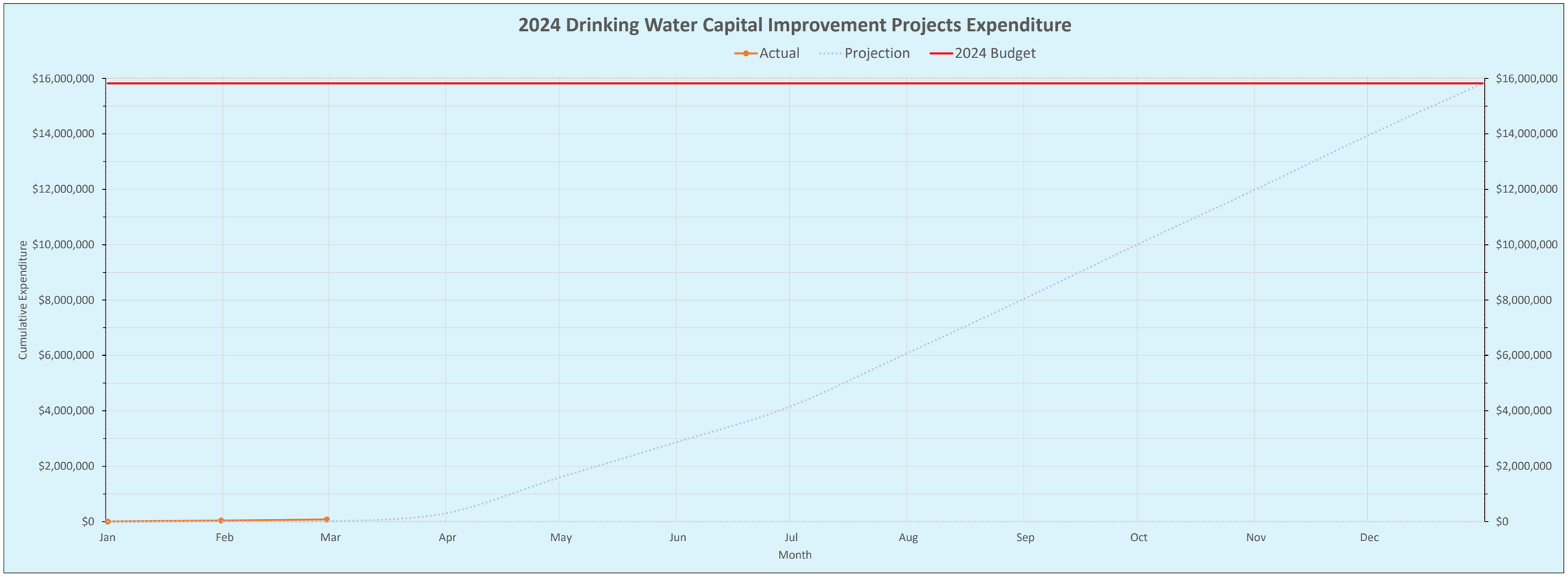
Capital Improvement Projects Report

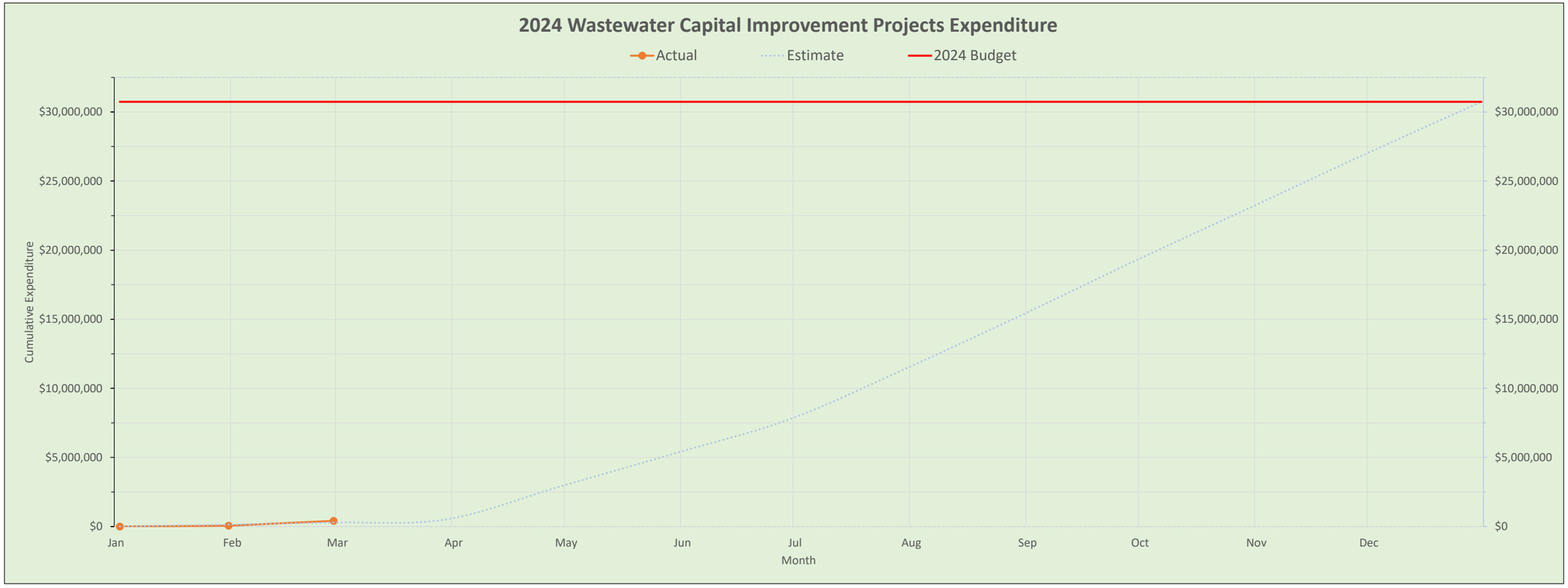
Drinking Water Capital Improvement Projects Report



ACTUAL EXPENDITURE (from Finance)

MUNIS Project Code	Description	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Actual Expenditure YTD	% Budget Expended	2024 Budget
60800801-80100-00006	Mountain Line Repairs	STUDY	$ -	$ -											$ -	0%	$ 82,500
60800801-80100-00015	Water Main Replacement	DESIGN	$ -	$ 1,703											$ 1,703	0%	$ 2,869,393
60800801-80100-00016	Water Main Condition Assessment	STUDY	$ -	$ -											$ -	0%	$ 100,000
60800801-80100-00118	Water PennDOT I-83 Expansion	CONSTRUCTION	$ -	$ 17,146											$ 17,146	3%	$ 508,400
60800801-80100-00134	Elliot St. Water Main Replacement	DESIGN	$ -	$ 1,107											$ 1,107	0%	$ 482,000
60800801-80100-00135	Broad St. Market Wtr Main Replacement	CONSTRUCTION	$ -	$ -											$ -	0%	$ 798,600
60800801-80100-00228	Cameron St. Water Main Improve (PV)	CONSTRUCTION	$ 5,940	$ 18,654											$ 24,594	0%	$ 8,208,000
60800801-80100-00229	Water Meter Network Conversion (PV)	CONSTRUCTION	$ 4,959	$ 2,040											$ 6,999	0%	$ 2,708,403
60800801-80100-00230	DeHart Dam Improvements PV	DESIGN	$ 24,856	$ -											$ 24,856	36%	$ 69,000
	Actual Monthly Expenditure		**$ 35,755**	**$ 40,650**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 76,405**	0.5%	**$ 15,826,296**
	Actual CUMULATIVE Expenditure	**0**	**$ 35,755**	**$ 76,405**													

Wastewater Capital Improvement Projects Report

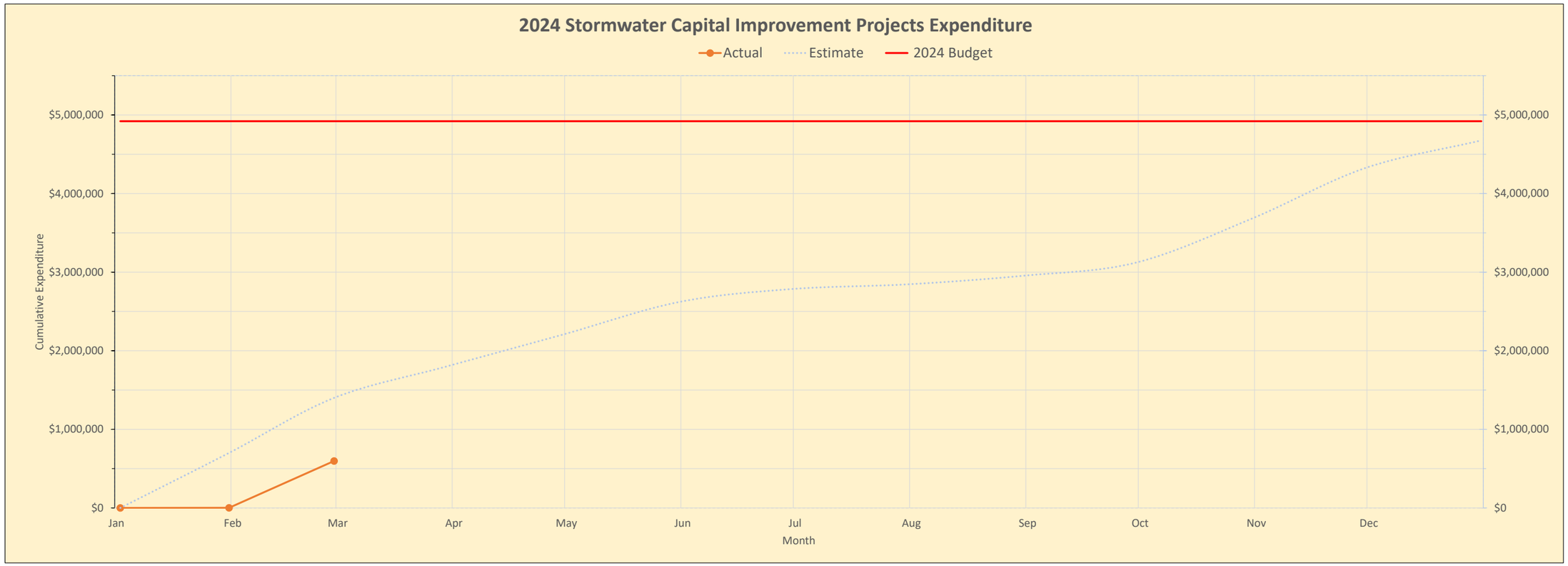


ACTUAL EXPENDITURE (from Finance)

MUNIS Project Code	Description	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Actual Expenditure YTD	% Budget Expended	2024 Budget
80800801-80100-00023	AWTF Energy Recovery Improvements	CONSTRUCTION	$ 955	$ 2,058											$ 3,013	0%	$ 12,340,000
80800801-80100-00024	Primary Clarifier Improvement	DESIGN	$ 9,571	$ 14,798											$ 24,369	1%	$ 2,600,000
80800801-80100-00026	Collection System Rehab	CONSTRUCTION	$ 18,744	$ 263,635											$ 282,379	16%	$ 1,740,000
80800801-80100-00061	Arsenal Blvd Sewer Improvements	CONSTRUCTION	$ -	$ 5,279											$ 5,279	0%	$ 4,620,000
80800801-80100-00065	Other Multi-Modal CCTV Investion	STUDY	$ -	$ -											$ -	0%	$ 500,000
80800801-80100-00083	Front St Interceptor Rehab P2	CONSTRUCTION	$ 12,230	$ -											$ 12,230	4%	$ 324,000
80800801-80100-00115	PennDOT I-83 Expansion	CONSTRUCTION	$ -	$ 6,512											$ 6,512	3%	$ 234,000
80800801-80100-00117	Ww Spring Creek Interceptor	DESIGN	$ -	$ -											$ -	0%	$ 200,000
80800801-80100-00133	Ww Sewer PV $21M - Phase 3 *(2024 SSI)*	DESIGN	$ 5,163	$ 26,687											$ 31,850	1%	$ 6,177,000
80800801-80100-00461	Broad St. Market Sewer Replacement	CONSTRUCTION	$ -	$ 29,247											$ 29,247	3%	$ 847,000
80800801-80100-00462	CSO Regulator Modifications	DESIGN	$ 14,673	$ -											$ 14,673	1%	$ 1,155,000
	Actual Monthly Expenditure 0		**$ 61,336**	**$ 348,216**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 409,552**	**1.3%**	**$ 30,737,000**
	Actual CUMULATIVE Expenditure 1		**$ 61,336**	**$ 409,552**													

CAPITAL REGION WATER

Stormwater Capital Improvement Projects Report



ACTUAL EXPENDITURE (from Finance)

MUNIS Project Code	Description	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Actual Expenditure YTD	% Budget Expended	2024 Budget
90800801-80100-00085	City Parks GSI	CONSTRUCTION	$ -	$ 408											$ 408	0%	$ 260,000
90800801-80100-00091	Paxton Crk TMDL Joint PRP MS4	CONSTRUCTION	$ -	$ -											$ -	0%	$ 16,400
90800801-80100-00124	Sw PENNVEST Pro-Fi Phase 4	CONSTRUCTION	$ -	$ 594,862											$ 594,862	21%	$ 2,792,909
90800801-80100-00125	Sw PENNVEST Pro-Fi Phase 5	DESIGN	$ 1,795	$ -											$ 1,795	0%	$ 1,560,240
90800801-80100-00129	Small Sewer Separation	DESIGN	$ -	$ -											$ -	0%	$ 50,000
		Actual Monthly Expenditure	**$ 1,795**	**$ 595,270**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 597,065**	**12.8%**	**$ 4,679,549**
		Actual CUMULATIVE Expenditure	**$ 1,795**	**$ 597,065**													

CAPITAL REGION™

WATER

Development Stormwater Management Review Summary

CAPITAL REGION WATER

Development Stormwater Management Review Summary

April 15, 2024
Status Report

Development	Status	Latest Submittal	Latest Comments	Act 167 Watershed	BMP	Disturbed Area (Ac)	Rate Control	Volume Control	Infiltration	Comment
15th and Walnut Street	Preliminary/Final Development	12/17/2019	1/2/2020	Paxton Creek	Rain Garden/Porous Pavement	3.23	X	X	X	Sent comment letter on 1/2/2020
638-644 Woodbine Street	Preliminary/Final Development	2/12/2020	2/27/2020	Paxton Creek	Control Structure with Weir	0.24	X	X		Sent comment letter on 2/27/2020
1605-1609 Swatara Street	Preliminary/Final Development	1/19/2021	2/2/2021	Paxton Creek	SWM Facility/Porous Pavement	1.68	X		X	Sent comment letter on 2/2/2021
430 Reily Street	Preliminary/Final Development	2/23/2021	3/24/2021	Paxton Creek	Basin	1.69	X	X		Sent comment letter on 3/24/2021
1216 Kittatinny Street/ Hummel Street	Preliminary/Final Development	4/13/2021	5/17/2021	Paxton Creek	Pervious Pavement	0.31	X	X		Sent comment letter on 5/7/2021
1103 S. Front Street	Preliminary/Final Development	5/17/2021	12/21/2021	Susquehanna River/Paxton Creek	Rain Garden, Infiltration Trench, Infiltration Basin	5	X	X	X	Approval letter 12/29/2021
6th & Herr St (Bethel Village)	Preliminary/Final Development	9/3/2021	9/20/2021	Susquehanna River	Underground Infiltration Facility	0.49	X	X	X	Need As-builts (when completed)
2101 North 6th Street	Preliminary/Final Development	8/17/2021	8/31/2021	Paxton Creek	SW Conveyance	0.71	X			Approval letter 1/18/2022
3rd and Clinton Street	Preliminary/Final Development	9/13/2021	10/4/2021	Paxton Creek	Underground Infiltration Facility and Porous Pavement	0.6	X	X	X	Sent comment letter on 10/4/2021
2426 North 2nd Street	Preliminary/Final Development	12/17/2021	1/5/2022	Paxton Creek	Underground Infiltration Facility / Pervious Pavement	0.17	X	X	X	Sent comment letter on 1/5/2022

CAPITAL REGION WATER

Development Stormwater Management Review Summary

April 15, 2024

Status Report

Development	Status	Latest Submittal	Latest Comments	Act 167 Watershed	BMP	Disturbed Area (Ac)	Rate Control	Volume Control	Infiltration	Comment
2463 Jefferson Street	Preliminary/Final Development	1/24/2022	1/31/2022	Paxton Creek	Basin	0.54	X	X	X	Sent comment letter on 2/9/2022
1400 Sycamore Street	Preliminary/Final Development	9/1/2022	2/2/2023	Paxton Creek	Underground Storage	0.29	X	X	X	Need As-builts (when completed)
Catherine Hershey School (6th-7th Street & Muench)	Preliminary/Final Development	6/21/2022	6/22/2022	Paxton Creek	Underground Storage	5	X	X	X	Need As-builts (when completed)
6th Street Apartments	Preliminary/Final Development	5/22/2023	6/12/2023	Susquehanna River	Rain Garden	0.77	X	X	X	Approval letter 6/12/2023
2151-2161 N. 4th Street	Preliminary/Final Development	7/13/2023	8/2/2023	Susquehanna River	Roof Sump	0.17	X		X	Approval letter 8/2/2023
2709 and 2717 N. Front Street	Preliminary/Final Development	2/9/2023	3/22/2023	Susquehanna River	Rain Garden/Trench	0.87	X	X	X	Sent comment letter on 3/22/2023
6th and Emerald Street	Preliminary/Final Development	4/11/2023	6/16/2023	Susquehanna River/Paxton Creek	Underground Storage	1	X	X	X	Sent comment letter on 9/6/2023
1933 & 1951 Herr Street	Preliminary/Final Development	10/4/2023	6/16/2023	Paxton Creek	Infiltration Trench	0.707	X	X	X	Need As-builts (when completed)
1610 N. 4th Street	Preliminary/Final Development	10/18/2023	12/12/2013	Susquehanna River	Underground Storage/ Pourus Pavement	0.54	X	X	X	Sent comment letter on 12/12/2023
2701Industrial Rd	Preliminary/Final Development	2/24/2024	3/27/2024	Paxton Creek	Rain Garden	2.53	X	X	X	Sent comment letter on 3/27/2024
1719 Market Street	Preliminary/Final Development	2/24/20204	3/27/2024	Paxton Creek	Basin	0.49	X	X	X	Sent comment letter on 3/27/2024
174 N. 15th Street	Preliminary/Final Development	2/24/2024	3/27/2024	Paxton Creek	Underground Storage	0.31	X	X	X	Sent comment letter on 3/27/2024

CAPITAL REGION™

WATER

Recruiting Status

CAPITAL REGION WATER

RECRUITING STATUS

Gina Bond, HR Analyst

April 11, 2024

New Hires

Position	Employee	Effective Date	Service Area
Laborer I – Drinking Water	Brian Deibler	4/15/2024	No

Promotions/Transfers

Employee	Former Position	New Position	Effective Date
Trevor Thompson	Field Maintenance Worker II - Wastewater	Field Maintenance Worker IV - Wastewater	4/2/2024

Left Employment/Resignations/Retirements

Employee	Position	Effective Date
Katherine Nichols	Payroll Manager and Accounting Specialist	4/5/2024

Open Positions

Position	Status	Service Area
Laborer I – Drinking Water	Interview process underway	N/A
Laborer I – Wastewater	Interview process underway	N/A
Operator I – Wastewater	Interview process underway	N/A
Project Manager/Design Engineer	Search underway	N/A
Customer Care Technician	Search underway	N/A
Payroll Manager and Accounting Specialist	Search underway	N/A

CAPITAL REGION™

WATER

Incoming Correspondence Report

Incoming Correspondence Report

March 2024

Date Received	Date of Correspondence	Company/Agency and Name of Sender	Reference	CRW Addressee/ Received by/ Provided to
3/1/2024	2/27/2024	Pennsylvania Public Utility Commission	Application for approval of the alteration of the crossing where Elliot Street crosses at 2 tracks of Norfolk Southern Railway	Addressed to: CRW Received by: Janice Miller-Zerbe Provided to: Jeff Bowra
3/11/2024	3/7/2024	Akens Engineering Associates	Pennsy Supply Annual Report City of Harrisburg Stormwater Sampling Event Information	Addressed to: Stormwater Program Received by: Janice Miller-Zerbe Provided to: Micaela Swart
3/22/2024	3/20/2024	Glatfelter Claims Management, Inc.	Claim #: PAPF23120593 Claimant: Verizon Date of Loss: 5/15/2023	Addressed to: CRW Received by: Janice Miller-Zerbe Provided to: Miriam Gonzalez-Seigel
3/28/2024	3/22/2024	CAN Surety	Bond #65798724 - East Cost Trenchless 4910 Simpson Ferry Rd $25,000 - Sewer & Main Connection Western Surety Company Bond Cancellation	Addressed to: CRW Received by: Janice Miller-Zerbe Provided to: Miriam Gonzalez-Seigel

CAPITAL REGION™

WATER

Drinking Water

CAPITAL REGION™
WATER

DRINKING WATER DEPARTMENT
MONTHLY REPORT

Basin Cleaning at Water Services Center

March 2024

100 Pine Drive, Harrisburg, PA 17103 | 888-510-0606
capitalregionwater.com

CAPITAL REGION WATER

Drinking Water Department Monthly Report

March 2024

Plant Operations

Capital Region Water's (CRW) Drinking Water department met all Federal Safe Drinking Water Act water quality standards for the month of March. The basins on the A side of the plant were taken offline and drained for routine cleaning and maintenance.

The DeHart water source was in service for 31 days and the Susquehanna River water source for zero days. The hydroelectric turbine generator was in service for three days during the month of March.

Specific water quality results are summarized in Exhibit A. As shown in Exhibit B, a total of 231.221 MG, averaging 7.459 MGD was withdrawn from the DeHart water supply source for treatment. A total of 227.840 MG, averaging 7.027 MGD, of finished drinking water was pumped to the distribution system.

The DeHart Watershed had above average rainfall in March (Exhibit C) and the DeHart Reservoir water level slightly decreased (Exhibit D). An estimated 1,570.44 MG of water was released from the DeHart Reservoir to Clark Creek, averaging 50.66 MGD for the month. This downstream flow, which is received by remote flow monitoring from the weir location and actual staff gauge readings, met the flow required by the State Water Allocation Permit (Exhibit E).

Plant Maintenance

The Maintenance team performed 41 preventive maintenance work orders and eight corrective maintenance work orders for all water treatment plant equipment, pumping stations, and fleet vehicles during the month of March. One of the three laborer vacancies was filled in March.

- The DeHart Dam watershed was patrolled daily and maintained.
- Started removal of brush and small saplings on the dam breast-water side, removed trees from the toe drain and replaced two pole light bulbs on the dam breast at the DeHart Dam facility.
- Painted all process water river feed lines at the Front Street Pump Stations.
- Replaced LED bulb in street light pole at the Water Service Center (WSC) entrance road.
- Removed two dead pine trees at the WSC.
- Additional emergency lighting was installed in the lower sub-level basement area in the Operations Center.
- Emergency lighting was installed in the filter turbidimeter areas in the Operations center.
- Installed concrete pump pad for the sample wall area sample pump.
- Reconfigured piping and wiring for the clearwell's pH metering.

Distribution

The Distribution group completed the following work during the month of March:

- One fire hydrant was repaired.
- Repaired five water main breaks totaling 6,134,589 gallons of unaccountable water lisred below:
  - 1932 Briggs
  - 2600 Agate
  - 4th and Harris
  - 15 Evergreen
  - 4050 Industrial Road
- Repaired nine leaking services totaling 625,380 gallons of unaccountable water.
- Completed 252 work orders.
- Completed 485 water, sewer, and stormwater locates.
- Worked with contractors on several water, sewer, and stormwater Capital Improvement projects.

Water Quality

In addition to overseeing the operation of both the accredited and process laboratories, the Water Quality Administrator:

- Ensured collection of monthly and quarterly regulatory samples for Total Coliform and E. Coli. There were no exceedances for any of these analytes.
- Received no taste and odor complaint for Chlorine in March.

CAPITAL REGION™

WATER

Drinking Water Exhibits

CAPITAL REGION WATER

EXHIBIT A
Water Quality Anaylsis - 2024

PARAMETERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Average	MCL Limits
Total Coliform: Presence/Absence														
Distribution System	A	A	**A**										**A**	**5% P**
Chlorine Residual, mg/L Free														
Filter Plant Effluent	1.94	1.98	**1.97**										**1.96**	**0.2 - 4.0**
Distribution System	1.36	1.38	**1.34**										**1.36**	**>0.20**
Turbidity, NTU														
Influent from DeHart	1.01	0.93	**0.81**										**0.92**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	0.03	0.03	**0.03**										**0.03**	**0.30**
pH, Std Units														
Influent from DeHart	6.2	6.2	**6.5**										**6.31**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	7.6	7.6	**7.4**										**7.52**	**6.5 - 8.5***
Distribution System	7.4	8.0	**7.4**										**7.56**	**6.5 - 8.5***
Total Alkalinity, mg/L as CaCO3														
Influent DeHart	5	5	**5**										**5.00**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	18	18	**16**										**17.32**	**NA**
Distribution System	17	21	**19**										**19.00**	**NA**
Temperature, degrees C														
Influent from DeHart	7.7	7.2	**8.8**										**7.90**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	7.9	7.4	**8.7**										**7.97**	**NA**
Distribution System	13.9	15.4	**12.2**										**13.84**	**NA**
Fluoride, mg/L														
Filter Plant Effluent	0.82	0.72	**0.73**										**0.76**	**2**
Aluminum, mg/L														
Filter Plant Effluent	0.02	0.11	**0.02**										**0.05**	**0.2***
Iron, mg/L														
Influent from DeHart	0.09	0.07	**0.07**										**0.08**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	0.01	0.01	**0.01**										**0.01**	**0.3***
Distribution System	0.00	0.05	**0.03**										**0.03**	**0.3***
Total Dissolved Solids, mg/L														
Influent from DeHart	16	16	**16**										**15.89**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	42	43	**39**										**41.44**	**500***
Distribution System	48	45	**50**										**47.60**	**500***
Total Hardness, mg/L														
Influent from DeHart	8	8	**8**										**8.00**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**N/A**	**NA**
Filter Plant Effluent	8	8	**8**										**8.13**	**NA**
Distribution System	5	7	**5**										**5.79**	**NA**
Orthophosphate, mg/L														
Filter Plant Effluent	1.24	1.22	**1.24**										**1.23**	**0.7 - 1.3***
Distribution System	1.24	1.25	**1.23**										**1.24**	**0.7 - 1.3***
****Total Trihalomethanes, ug/L**														
Distribution System	38.5	NA	**NA**										**38.5**	**80.0**
****Total Haloacetic Acids, ug/L**														
Distribution System	33.4	NA	**NA**										**33.4**	**60.0**
Total Organic Carbon, mg/L														
Influent from DeHart	2.30	NA	**NA**										**2.30**	**NA**
Influent from Susquehanna	NA	NA	**NA**										**NA**	**NA**
Filter Plant Effluent	1.30	NA	**NA**										**1.30**	**NA**
Average Filter Run, Hours	114	112	**111**										**112.30**	**NA**

*** Not Available at Time of Report

* Values are related to DEP *Secondary* MCL

** Running Annual Quarterly Average

CAPITAL REGION WATER

EXHIBIT B

Water Production Data - 2024

	DeHart Withdrawal		River Withdrawal		Total Withdrawal		Treated Water		Process Water		Finished Water	
Month	Total (MG)	Average (MGD)	Total (MG)	Average (MGD)	Total (MG)	Average (MGD)	Total (MG)	Average (MGD)	Total (MG)	Average (MGD)	Total (MG)	Average (MGD)
January	236.324	7.623	0.000	0.000	236.324	7.623	235.878	7.609	5.464	0.176	222.400	7.174
February	220.950	7.619	0.000	0.000	220.950	7.619	220.320	7.597	3.690	0.127	208.444	7.188
March	**231.221**	**7.459**	**0.000**	**0.000**	**231.221**	**4.459**	**222.809**	**7.187**	**4.969**	**0.160**	**217.840**	**7.027**
April												
May												
June												
July												
August												
September												
October												
November												
December												
Total	**688.495**		**0.000**		**688.495**		**679.007**		**14.123**		**648.684**	
Average	**229.498**	**7.567**	**0.000**	**0.000**	**229.498**	**6.567**	**226.336**	**7.464**	**4.708**	**0.154**	**216.228**	**7.130**

Peak Day Water Use
Minimum Day Water Use

(MG) = Million Gallons
(MGD) = Million Gallons per Day

CAPITAL REGION WATER

EXHIBIT C

Rainfall at the DeHart Reservoir - 2024
(inches)

Date	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
2024 Total	11.69	2.14	**3.92**										**17.75**
Daily Average	0.377	0.074	**0.126**										**0.577**
Ten Year Average	2.992	2.488	**3.125**	3.713	4.54	4.38	5.842	3.843	4.82	3.489	2.447	3.149	**44.828**
2023 Total	2.70	1.09	**2.93**	3.71	2.63	3.85	7.85	2.66	5.00	2.07	2.50	4.71	**41.70**

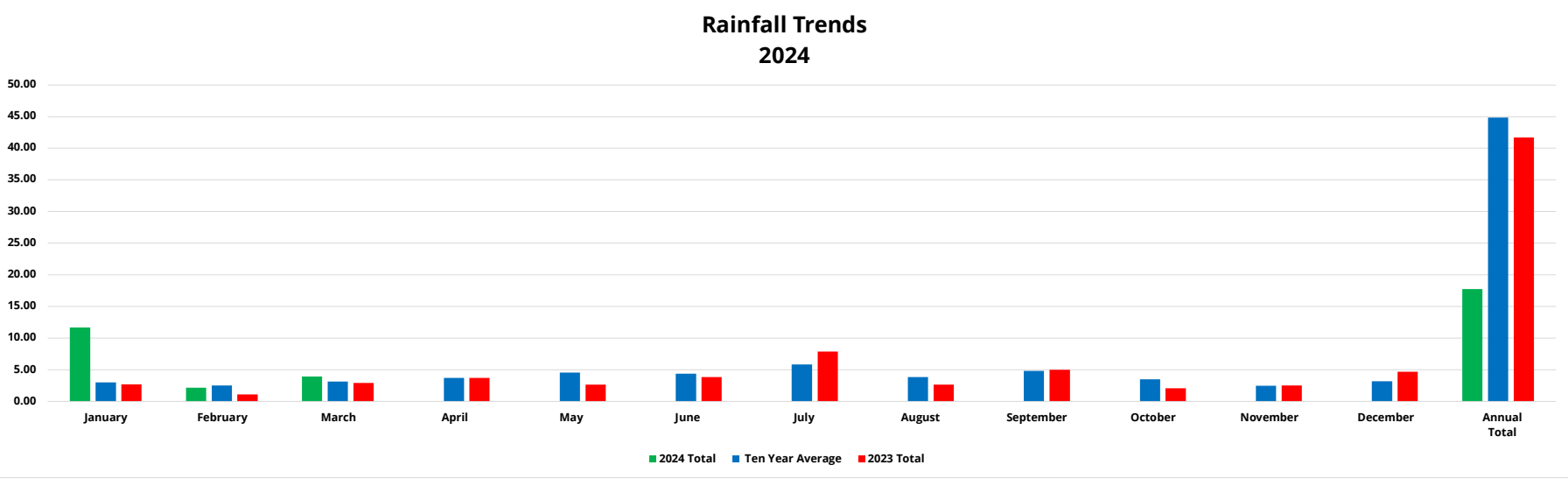
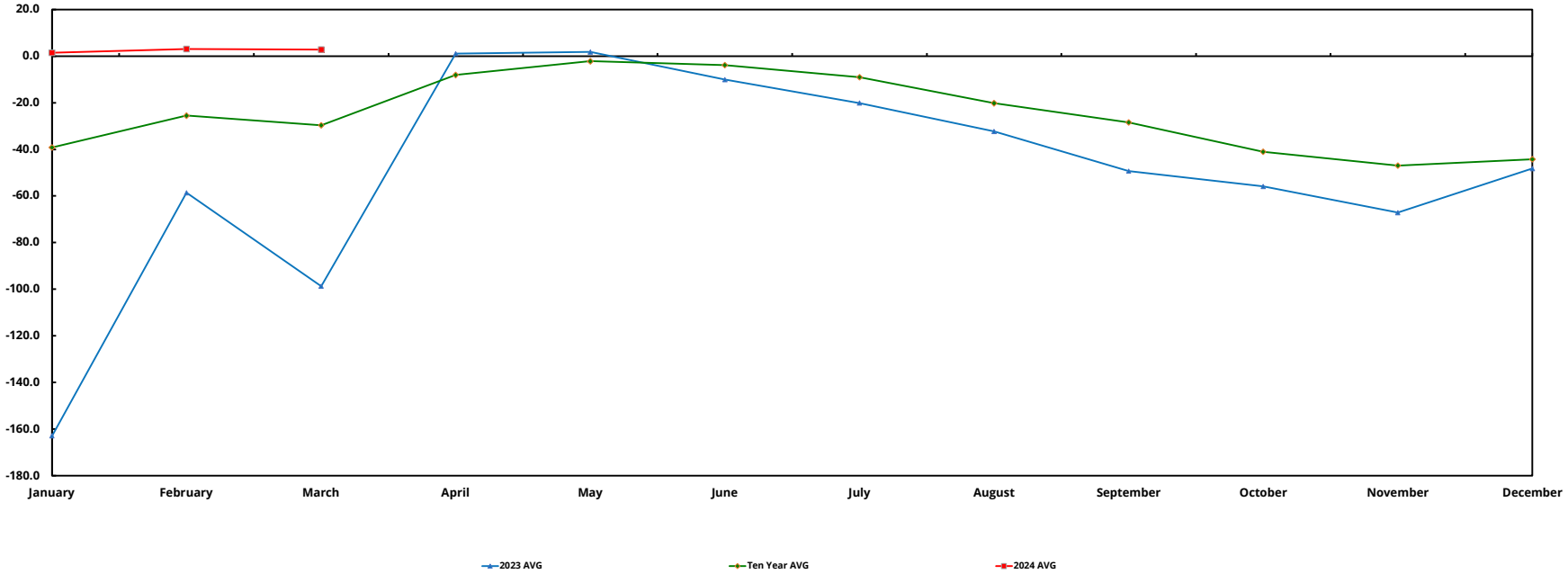


EXHIBIT D

Water Level at the DeHart Reservoir - 2024
(Inches from Spillway)

Date	January	February	March	April	May	June	July	August	September	October	November	December
2024 AVG	1.5	3.1	**2.8**									
Ten Year AVG	-39.2	-25.5	**-29.6**	-8.1	-2.2	-3.9	-9.1	-20.2	-28.4	-41.0	-47.0	-44.3
2023 AVG	-162.9	-58.6	**-98.7**	1.1	1.8	-10.0	-20.1	-32.3	-49.3	-55.9	-67.1	-48.2

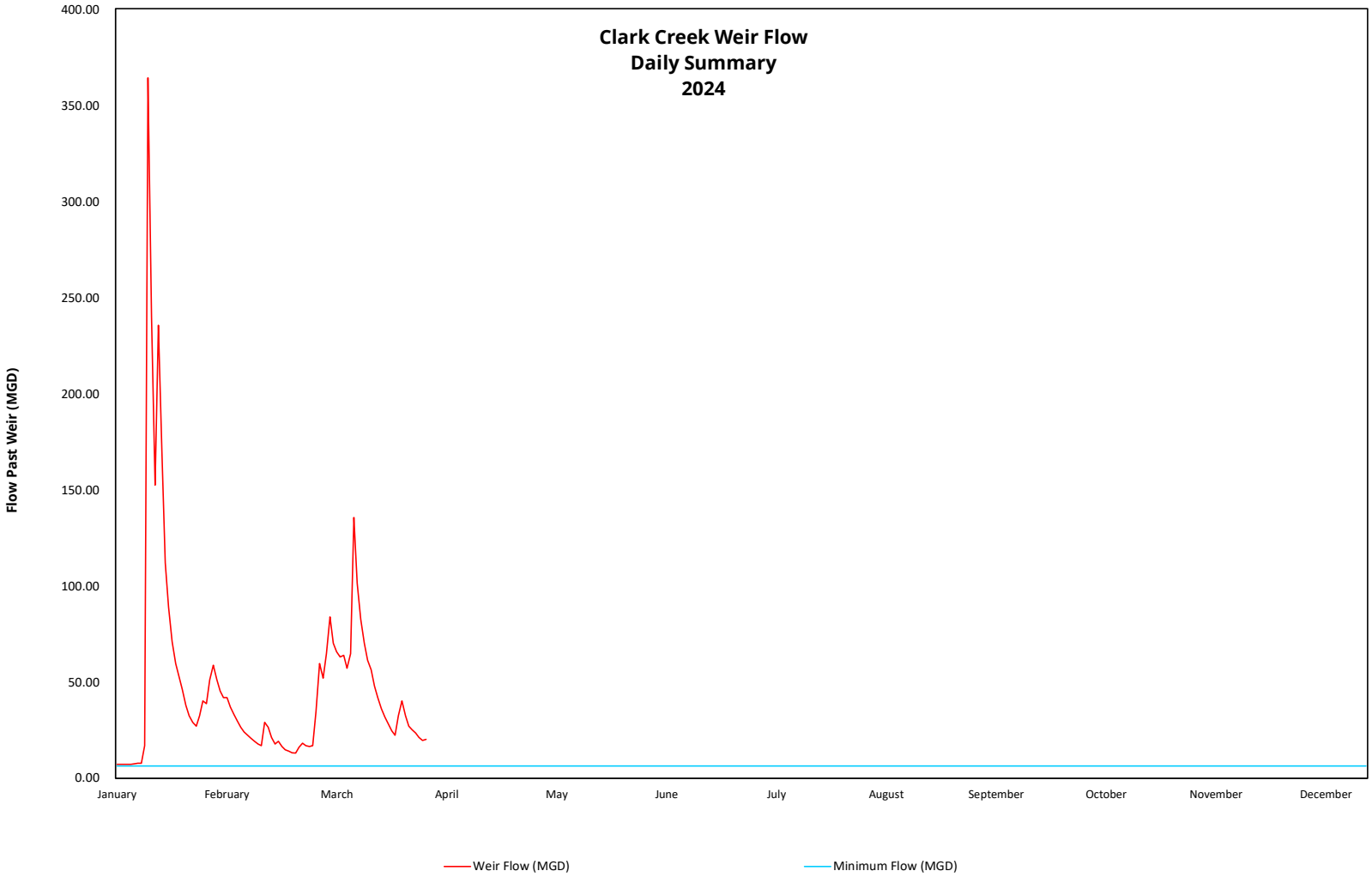
DeHart Reservoir Water Level Trends
2024



CAPITAL REGION WATER

EXHIBIT E

Daily Conservation Release - 2024



CAPITAL REGION WATER

EXHIBIT F

Utility Usage - 2024

Location / Utility	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Water Services Center														
Electric Transmission														
Total, kwH	201,600	138,600											**170,100**	**340,200**
Cost, Dollars	$12,309.05	$8,548.76											**$10,428.91**	**$20,857.81**
Electric Generation														
Total, kwH	201,600	138,600	**162,000**										**167,400**	**502,200**
Cost, Dollars	$1,103.71	$1,100.96	**$1,091.10**										**$1,098.59**	**$3,295.77**
Natural Gas														
Total, Cu Ft	6,335	10,586											**8,461**	**16,921**
Cost, Dollars	$9,791.01	$9,595.00											**$9,693.01**	**$19,386.01**
Sewer														
Total, Gal	6,830,000	6,290,000											**6,560,000**	**13,120,000**
Cost, Dollars	$68,163.40	$62,275.20											**$65,219.30**	**$130,438.60**
Refuse														
Cost, Dollars	$509.60	$509.60	**$509.60**										**$509.60**	**$1,528.80**
Reservoir Park Pump Station														
Electric Transmission														
Total, kwH	91,200	87,200											**89,200**	**178,400**
Cost, Dollars	$3,909.19	$3,655.05											**$3,782.12**	**$7,564.24**
Electric Generation														
Total, kwH	91,200	87,200											**89,200**	**178,400**
Cost, Dollars	$1,489.62	$1,477.60											**$1,483.61**	**$2,967.22**
Natural Gas														
Total, Cu Ft	700	777											**739**	**1,477**
Cost, Dollars	$637.43	$746.12											**$691.78**	**$1,383.55**
Susquehanna River Pump Station														
Electric Transmission														
Total, kwH	1,200	1,200											**1,200**	**2,400**
Cost, Dollars	$63.60	$57.10											**$60.35**	**$120.70**
Electric Generation														
Total, kwH	1,200	1,200											**1,200**	**2,400**
Cost, Dollars	$73.18	$73.27											**$73.23**	**$146.45**
Natural Gas														
Total, Cu Ft	644	496											**570**	**1,140**
Cost, Dollars	$586.53	$479.51											**$533.02**	**$1,066.04**
Union Square Booster Station														
Electric Transmission														
Total, kwH	2,694	2,551											**2,623**	**5,245**
Cost,Dollars	$147.60	$158.85											**$153.23**	**$306.45**
Electric Generation														
Total, kwH	2,694	2,551	**2,257**										**2,501**	**7,502**
Cost, Dollars	$97.29	$104.82	**$99.96**										**$100.69**	**$302.07**
DeHart Facilities														
Electric Transmission														
Total, kwH	3,007	2,144											**2,576**	**5,151**
Cost, Dollars	$160.80	$123.89											**$142.35**	**$284.69**
Electric Generation														
Total, kwH	3,007	2,144	**2,367**										**2,506**	**7,518**
Cost, Dollars	$95.90	$92.59	**$66.46**										**$84.98**	**$254.95**
Fuel Oil														
Total, Gals.	0	1,727											**863**	**1,727**
Cost, Dollars	$0.00	$6,767.33											**$3,383.67**	**$6,767.33**
City Island Heat Trace														
Electric Transmission														
Total, kwH	136												**136**	**136**
Cost, Dollars	$3.88												**$3.88**	**$3.88**
Electric Generation														
Total, kwH	136	149											**143**	**285**
Cost, Dollars	$61.97	$62.01											**$61.99**	**$123.98**
Expenditures YTD													**$97,504**	**$196,799**

**** Not available at time report was developed**

Total Transmission	**$29,138**
Total Generation	**$7,090**
Total Refuse	**$1,529**
Total Gas	**$21,836**
Total Sewer	**$130,439**
Total Fuel Oil	**$6,767**
Total Utilities	**$195,270**

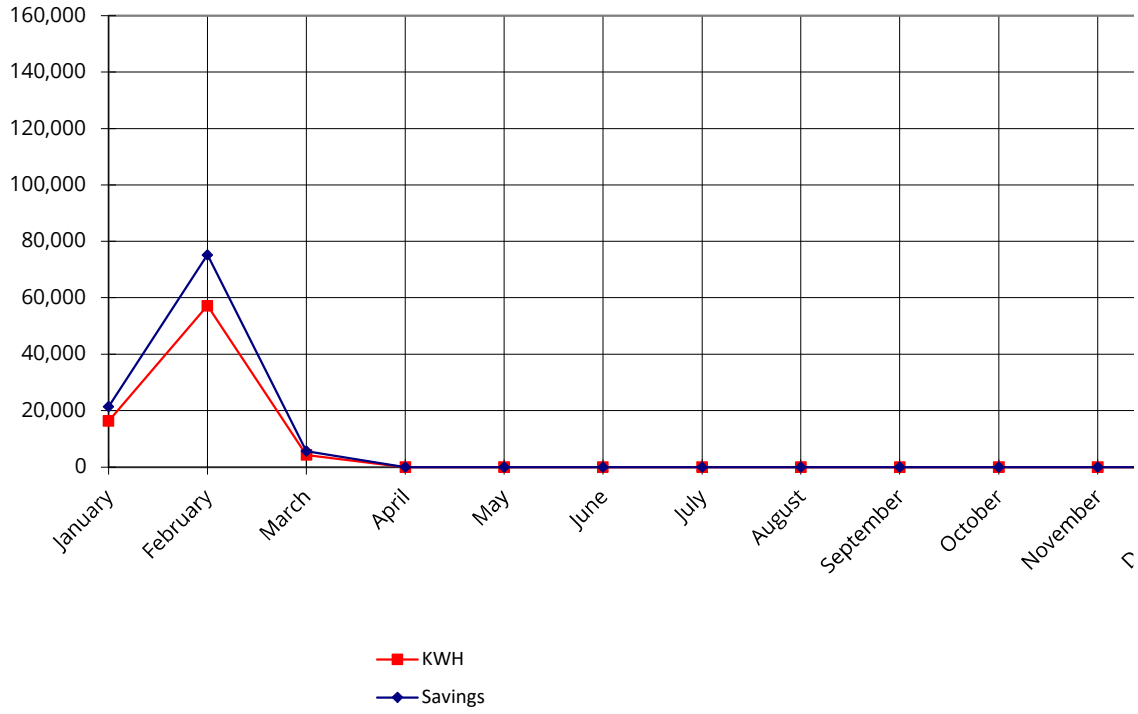
CAPITAL REGION WATER

Exhibit G

Hydro-Turbine Generator Performance - 2024

Month	Kilowatt-hour (KWH)	Anticipated Savings *
January	16,300	$2,412
February	57,170	$8,461
March	**4,270**	**$632**
April		
May		
June		
July		
August		
September		
October		
November		
December		
Average	**25,913**	**$3,835**
Year to Date	**77,740**	**$11,506**

* Estimated savings based on electrical rate of $0.148 per KWH



CAPITAL REGION WATER

EXHIBIT H

Treatment Chemical Usage - 2024

Chemical	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Chlorine														
Total Lbs.	6,169	5,780	**5,912**										**5,954**	**17,861**
Average, Chlorine Lbs./Day	199	199	**191**										**196.3**	
Average, Chlorine Dose, mg/L	3.1	3.2	**3.1**										**3.1**	
Chlorine, Cost, $/Lbs.	$1.639	$1.639	**$1.639**	$1.639	$1.639	$1.639	$1.639	$1.639	$1.639	$1.639	$1.639	$1.639	**1.6**	
Chlorine Total Cost, Dollars	$10,111	$9,473	**$9,690**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$2,439.51**	**$29,274.18**
Alum 48.5%														
Total Lbs.	34,165	33,986	**35,289**										**34,480**	**103,440**
Average, Alum, Lbs./Day	1,102	1,172	**1,138**										**1137.4**	
Average, Alum, mg/L	17.3	18.4	**18.3**										**18.0**	
Alum Cost, $/Lbs.	$0.121	$0.121	**$0.121**	$0.121	$0.121	$0.121	$0.121	$0.121	$0.121	$0.121	$0.121	$0.121	**0.1**	
Alum Total Cost, Dollars	$4,134	$4,112	**$4,270**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$1,043.02**	**$12,516.24**
Lime														
Total Lbs.	0	0	**0**										**0**	**0**
Average Lime, Lbs./Day	0	0	**0**										**0.0**	
Average, Lime Dose, mg/L	0.0	0.0	**0.0**										**0.0**	
Lime Cost, $/Lbs.	$0.86	$0.86	**$0.86**	$0.86	$0.86	$0.86	$0.86	$0.86	$0.86	$0.86	$0.86	$0.86	**$0.86**	
Lime Total Cost, Dollars	$0.00	$0.00	**$0.00**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	**$0.00**	**$0.00**
Soda Ash														
Total Lbs.	23,600	25,300	**20,550**										**23,150**	**69,450**
Average Soda Ash, Lbs./Day	761	872	**663**										**765.4**	
Average, Soda Ash Dose, mg/L	12.0	13.7	**10.7**										**12.1**	
Soda Ash Cost, $/Lbs.	$0.390	$0.390	**$0.390**	$0.390	$0.390	$0.390	$0.390	$0.390	$0.390	$0.390	$0.390	$0.390	**0.4**	
Soda Ash Total Cost, Dollars	$9,204	$9,867	**$8,015**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$2,257.13**	**$27,085.50**
Fluoride														
Total Lbs.	1,134	1,104	**1,128**										**1,122**	**3,366**
Average, Fluoride Lbs./Day	37	38	**36**										**36.9**	
Average, Fluoride (F-) Dose, mg/L	0.6	0.6	**0.6**										**0.6**	
Fluoride Cost, $/Lbs.	$0.30	$0.30	**$0.30**	$0.30	$0.30	$0.30	$0.30	$0.30	$0.30	$0.30	$0.30	$0.30	**$0.30**	
Fluoride Total Cost, Dollars	$335	$326	**$338**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$83.22**	**$998.61**
Sodium Hydroxide 50%														
Total NaOH 50% dry Lbs.	36,522	32,550	**34,948**										**34,673**	**104,020**
Average NaOH 50%, dry Lbs./Day	1,178	1,122	**1,127**										**1,142**	
Average, NaOH 50%, mg/L	18.6	17.7	**18.4**										**18.2**	
NaOH 50% Cost, dry $/Lbs	$0.298	$0.298	**$0.298**	$0.298	$0.298	$0.298	$0.298	$0.298	$0.298	$0.298	$0.298	$0.298	**0.3**	
NaOH 50% Total Cost, Dollars	$10,891	$9,706	**$10,421**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$2,584.90**	**$31,018.76**
Zinc Orthophosphate														
Total Zn3(PO4)2, wet Lbs.	4,660	4,368	**4,460**										**4,496**	**13,488**
Average Zn3(PO4)2, wet Lbs./Day	150	151	**144**										**148.4**	
Average, Zn3(PO4)2 Dose, mg/L	2.5	2.5	**2.5**										**2.5**	
Zn3(PO4)2 Cost, wet $/Lbs.	$1.724	$1.724	**$1.724**	$1.724	$1.724	$1.724	$1.724	$1.724	$1.724	$1.724	$1.724	$1.724	**1.7**	
Zn3(PO4)2 Total Cost, Dollars	$8,032	$7,529	**$7,687**	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$1,937.37**	**$23,248.39**
Potassium Permanganate														
Total KMnO4, Lbs.	0	0	**0**										**0**	**0**
Average KMnO4, Lbs./Day	0	0	**0**										**0.0**	
Average, KMnO4 Dose, mg/L	0.0	0.0	**0.0**										**0.0**	
KMnO4 Cost, $/Lbs.														
KMnO4 Total Cost, Dollars	$0.00	$0.00	**$0.00**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	**$0.00**	**$0.00**
Expenditure	$42,706.49	$41,013.65	**$40,421.54**										**$41,380.56**	**$124,141.68**
Average Treated Cost per (MG)	$180.91	$188.10	**$178.61**											
Total Treated Flow (MGD)	235.878	220.320	**222.809**											**679.007**
Average Treated Flow (MGD)	7.609	7.597	**7.187**											

CAPITAL REGION WATER

EXHIBIT I

DISTRIBUTION DEPARTMENT ACTIVITIES - 2024

Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total	Average
PA One Call Locates	506	518	**485**										**1,509**	**503**
Street Restorations	0	0	**0**										**0**	**0**
Leak Detection Assessment *Percent of Distribution System*	8	8	**8**										**24**	**8**
Main Break Repair - Detected Non-Surfacing	0	0	**0**										**0**	**0**
Main Breaks Repaired - Emergency	3	4	**5**										**12**	**4**
Service Line Leaks Detected	0	0	**0**										**0**	**0**
Service Line Leaks Repaired	8	0	**0**										**8**	**3**
Valves - Exercised	0	1	**14**										**15**	**5**
Valves - Replaced	0	0	**1**										**1**	**0**
Hydrant Flow Tests	2	1	**8**										**11**	**4**
Hydrants Returned to Service	0	1	**0**										**1**	**0**
Water Tap - Disconnected	2	4	**5**										**11**	**4**
Water Tap - New Connection	0	0	**3**										**3**	**1**
Water Shutoffs - Other	13	12	**10**										**35**	**12**
Water Shutoffs - Non Payment	0	1	**0**										**1**	**0**
Water Restoration Turn on Other	20	13	**19**										**52**	**17**

CAPITAL REGION WATER

EXHIBIT J

Metering Activities - 2024

Board Monthly Report	Distribution Monthly Report														
Activity	**Activity**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**	**Total**	**Average**
Meter Installations															
Replacement	**Missing**	6	1	**2**										**9**	**3**
	Leaking	3	0	**1**										**4**	**1**
	Frozen	2	5	**0**										**7**	**2**
	Non-registering	1	6	**1**										**8**	**3**
	Large Meters[1]	0	1	**0**										**1**	**0**
New Service	**New Installation**	0	0	**1**										**1**	**0**
Meter Service															
MXU's Replaced	**MXU's Replaced**	24	9	**6**										**39**	**13**
Batteries Replaced	**Batteries Replaced**	47	52	**39**										**138**	**46**
Meter Pits Serviced	**Meter Pits Serviced**	0	1	**0**										**1**	**0**
Meter Calibrations															
Small Meters[2]	**Calibrated meters**	0	0	**0**										**0**	**0**

1 Large Meters are Meters 3" or greater that are calibrated at the customer's location by a contracted calibration service, assisted and witnessed by CRW staff

2 Small Meters are Meters 2" or less that are calibrated at the Water Services Center by CRW staff on a certified calibration stand

CAPITAL REGION WATER

EXHIBIT K

Miscellaneous Water Usage (gals) - 2024

Category of Water Use	Description	Jan	Feb	Mar	APR	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total	Average
Process Water	**Process Water**	22,330,000	21,930,000	**31,240,000**										**75,500,000**	**25,166,667**
Billed Metered Exported	**Bulk Water Hauling**	32,933	34,185	**33,600**										**100,718**	**33,573**
Billed Metered	**Hydrant Connections**	0	387	**0**										**387**	**129**
Billed Unmetered	**Hydrant Flow Tests**	4,000	1,800	**10,849**										**16,649**	**5,550**
Unbilled Unmetered	**Hydrant Flushing (and Unbilled Authorized)**	18,700	409,058	**13,595**										**441,353**	**147,118**
Leakage on Distribution Mains	**Main Leaks**	1,214,228	5,570,376	**6,134,589**										**12,919,193**	**4,306,398**
Leakage on Service Lines	**Service Leaks**	148,693	131,760	**625,380**										**905,833**	**301,944**
	Total	23,748,554	28,077,566	**38,058,013**										**89,884,133**	**29,961,378**

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Wastewater

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WASTEWATER DEPARTMENT
MONTHLY REPORT

New Linear Motion Mixer Blade for installation on Primary Digester No. 2.

March 2024

1662 South Cameron Street, Harrisburg, PA 17104 | 888-510-0606
capitalregionwater.com

CAPITAL REGION WATER

AWTF Monthly Report

March 2024

Overview

Our annual regulatory submissions continued in March for the Wastewater department. Each year, the Wastewater department coordinates with the Engineering department on materials required for CRW's Chapter 94 and Semi-Annual Report to EPA, which was submitted at the end of the month. Additionally, submission for the AWTF's Air Quality Emissions Annual Report was submitted in March after repeated problems with PADEP's online reporting center.

Regulatory reporting will continue in April as the Wastewater department will submit the 5-year update for the EPA Risk Management Program, which is due May 1, 2024.

The Wastewater department was also focused on some very important voluntary reporting during the month. This is the second straight year that CRW has participated in American Water Works Association's Utility Benchmarking Survey which tracks important Water and Wastewater industry key performance indicators (KPIs) to compare against other utilities across the United States. The survey includes over 400 questions and encompasses every department in CRW. While it is indeed a significant time commitment, it is imperative to our strategic goal of developing a solids benchmarking program for continuous improvement and efficiency of our utility.

Operations

During the month of March, the AWTF met all monthly average NPDES requirements. Four Dry Weather Overflows (DSO) were reported. Details are contained in the Field Operations section below.

Hydraulic loading to the AWTF averaged 26.7 million gallons per day (MGD) during the month. The treatment process achieved removal reductions of 94.1 percent CBOD, 87.0 percent Suspended Solids, 58.7 percent Phosphorus, and 92.3 percent Ammonia (Exhibit A).

The Contract Waste Hauling program collected $185,233.03 in revenue from 3,827,540 gallons discharged (Exhibit G). Leachate continues to drive high revenue for the program, though increasing awareness of the harmful potential of per- and polyfluoroalkyl substances (PFAS) has caused us to turn away our biggest volume client. Additional PFAS testing on our other leachate clients could cause us to turn away more waste streams as future regulations become a reality.

The Cogeneration facility experienced a run time of three percent in March. The unit was offline most of the month due to mechanical and electrical issues that were addressed near the end of the month.

Laboratory

- Hired Lillian Dolan as the new Laboratory Technician I to fill the vacancy in the laboratory and have her train with Matthew Orndorf while working on her IDOC's.
- Sending monthly data to new personnel at Material Matters to help review and analyze for new insights on our process and how to optimize it.
- Received a notice from DEP for the upcoming Chapter 252 assessment for our accredited laboratory which is scheduled for July 17, 2024.

Pretreatment

- Completed the Pretreatment portion for the annual Chapter 94 Report and submitted it to the EPA electronically.
- Received a violation notice pertaining to our annual biosolids report for not including PCB testing on bimonthly samples. Investigated root cause and determined that a mix of personnel changes and use of incorrect chain of custody forms left PCBs off the requested analysis list.
- Addressed PFAS discharge from Modern Landfill that was brought to our attention by PADEP and Susquehanna Riverkeepers by revoking their waste hauling permit. Continuing to investigate PFAS testing.

Plant Maintenance

- Replaced conveyor pan segments for the sludge discharge at the Belt Filter Press.
- Repaired the south security gate actuator at the AWTF.
- Installed a temporary 4-inch lobe pump to transfer scum while awaiting parts for Vogelsang pumps. This is due to lobe damage at the Final Clarifier Pipe Gallery.
- Installed new Kennedy Swing Check Valve on the discharge line of the Scum Pump No. 1 at the Final Clarifier Pipe Gallery. The old check valve had failed due to worn internal journals on the weighted arm.
- The washer compactor was out of service due to broken screw auger at the Front Street Pumping Station. Parts have been ordered.
- Replaced the Flowserve Gate Actuator at the Headworks Screening Facility after temporarily removing the existing gate unit to keep the system in operation.
- Serviced the standby generator and ran a full test load at the Market Street and Spring Creek Pump Stations.
- Rebuilt the gear reducer for the separator on Grit Removal Unit No. 2.
- Welded the screw augers for the classifier unit at the Pista Grit.
- Continued efforts to dislodge Influent Gate No. 2 at the Return Sludge Pump Station.
- Replaced the VFDs for Return Sludge Pump No. 2.

- Ordered package channel blower for Return Sludge Pump Station. Delivery is expected in 22 weeks.
- Completed the installation of Hoffman Blower No. 2 at the Settled Sewage Pump Station.
- Motor issues required a change out to verify the new Hoffman Blower high amp issue at the Settled Sewage Pump Station.
- Repaired the guide wheels on bar-screen rag removal system at Spring Creek Pump Station.
- Performed vehicle repairs in preparation for state inspections.
- Provide weekly maintenance on JCB loader.
- Performed daily service for vehicular related repairs: bulbs, batteries, tires, A/C, lube oil and filters, and flat tires.
- Performed maintenance tasks per request at 3003 North Front Street Administrative Offices.

Field Construction

- In the month of March, the crew repaired 16 inlets in various locations throughout the city.
- Replaced a brick inlet with a concrete box and M- top with bicycle grate in McCleaster Street.
- Replaced a brick inlet with a concrete box and M-Top with bicycle grate on Green Street between Edward and Lewis Streets.
- Blanked eight inlets in various locations throughout the city.
- Replaced manhole lid and casing at the corner of 22nd and Swatara Streets.

Field Operations

- Performed CCTV assessment of 8,765 feet (1.66 miles) of pipe.
- Flushed 3,452 feet (0.65 miles) of sewer pipe.
- Responded to seven backup and overflow calls with none being CRW's responsibility.
- Responded to eight sinkhole calls with one being the responsibility of the Water department.
- There were four dry weather overflows this month. All were due to heavy accumulation of rags and grease. Outreach efforts and discharge investigations were performed.
- Shiloh is now responsible for the 22nd and Kensington site. CRW is still checking manholes upstream daily.
- Backflushed Secondary Digester No. 3.
- Installed 10 Echo sensors for flow monitoring.
- Assisted plant operations with the cleaning of Grit Removal Units 2 and 3.
- Completed six semi-annual PM's.

Street Sweeping

- Received two complaints this month. All were satisfactorily resolved.
- Completed 732 miles of scheduled street sweeping within the City of Harrisburg.

- Water usage this month was 3,600 gallons and is expected to increase because the freezing temperatures are behind us.
- Working with Kendrick Maholtz and Sheri Berilla to transfer inlet inspection duties from Field Operations to Street Sweeping staff.
- Replaced a bearing and shaft on main broom and changed the oil and filter on Sweeper No. 1.
- Replaced the left panel on side of Sweeper No. 2. Also replaced the dirt deflector near the hopper and seals and replaced three hydraulic brake lines.
- Replaced the conveyor chain and changed the oil and filter on Sweeper No. 3.
- Continued to assist cleaning storm inlets in scheduled sweeping areas.
- Attended the Green Stormwater Infrastructure meetings when scheduled.

Environmental Compliance

- Completed ten inspections of FOG discharge establishments. Six were follow-up inspections.
- Received two hours of training in Cityworks from a member of the Engineering department.
- Conducted five illicit discharge investigations this month:
  - A contractor conducted a willing and willful illicit discharge of raw sewage from an excavated hole directly onto the ground in Ritter Alley.
    - Construction supervisor and ECI made follow-ups to ensure raw sewage was being properly disposed and illicit discharge was cleaned from the ground.
    - The contractor was fined and given a Notice of Violation.
  - A tractor trailer struck an electrical pole on Cameron Street. Upon striking the electrical pole, it fell between the cabin and the trailer attachment, knocking the fuel tank out of place causing it to break and its content poured out onto the ground over the live wires.
    - Field Operator conducted the after-hours inspection. The fuel that entered the inlet was not enough to enter the outfall pipe.
  - A health center on Front Street had diesel fuel spill into a storm drain at the property. It was stated the company had the spill “under control” and asked about the proceeding steps.
    - CRW confirmed spill was contained.
    - CRW back flushed the outfall pipe and confirmed fuel did not enter the pipe.
  - The Fire Department dispatch called to report there was a sewer back up in multiple basements on Forest Street. People were pumping the sewer water out of the houses onto the street.
    - Field Operations and ECI investigated the scene. Water absorbed into pavement, but traces of sewer debris lined the streets and a sewer odor lingered.
    - Field Operators inspected the party line to ensure it was functioning properly and that the issue arose from the lateral lines, they then dispatched a jet truck to the location to wash the street down.
  - A resident on North 4th Street conducted an illicit discharge into storm inlet SWP-000273. Oil/fluids lined the street from residents proper to storm drain approximately 12 feet away.

Sample of inlet could not be taken due to rainy weather conditions. Harrisburg City Codes was contacted before CRW. City Codes followed up enforcing cleanup.

- Checked for correct installation of grease interceptor at Steel Elementary School.
- Attended the Green Stormwater Infrastructure (GSI) meetings.
- Received 15 MS4 Outfall sampling kits.
- Completed 1.5 hours of On-Boarding Training 2024 and Q1 2024 Security Training.

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WATER

Wastewater Exhibits

CAPITAL REGION WATER

EXHIBIT A

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Process Control - 2024

Parameters	January	February	March	April	May	June	July	August	September	October	November	December	Average	NPDES Limits
Volume, MGD	32.0	23.0	**26.7**										27.2	37.7
Carbonaceous Biochemical Oxygen Demand														
Influent, mg/L	106	119	**98**										108	-----
Effluent, mg/L	4	3	**4**										4	25
Percent Removal, %	95.2	97.7	**94.1**										95.7	-----
Effluent Loading, lb/d	1,119	509	**1,295**										974	7,860
Suspended Solids:														
Influent, mg/L	128	153	**141**										141	-----
Effluent, mg/L	5	3	**10**										6	30
Percent Removal, %	95.2	97.8	**87.4**										93.4	-----
Effluent Loading, lb/d	1,506	650	**3,306**										1,821	9,433
Nitrogen														
Total-N														
Influent, mg/L	20	24	**23**										22	-----
Effluent, mg/L	8.7	6.3	**5.7**										7	Monitor
Percent Removal, %	56.3	73.6	**76**										68.5	-----
Effluent Loading, lb/d	2,207	1,229	**1222**										1,553	-----
NH3-N														
Influent mg/L	10	13	**12**										11	-----
Effluent, mg/L	0.4	0.4	**0.8**										1	11 (2)
Percent Removal, %	95.8	97.0	**93.2**										95.3	-----
Effluent Loading, lb/d	105	80	**182**										122	4,716
Phosphorus:														
Influent, mg/L	2.9	2.9	**2.6**										2.8	-----
Effluent, mg/L	1.1	1.1	**1.0**										1.1	2.0
Percent Removal, %	61.2	61.2	**58.3**										60.2	-----
Effluent Loading, lb/d	207	2	**223**										144	629
pH:														
Influent, Std. Units	7.5	7.5	**7.5**										7.5	-----
Effluent, Std. Units	7.4	7.4	**7.4**										7.4	6.0 - 9.0
Dissolved Oxygen:														
Effluent Minimum, mg/L	6.1	6.2	**6.2**										6.2	5.0 Min.
Fecal Coliform:														
Effluent, No./100 ml	361.4	235.7	**302.4**										300	200/100 ml (1)
Chlorine Residual:														
Effluent, mg/L	0.19	0.17	**0.20**										0.19	0.50

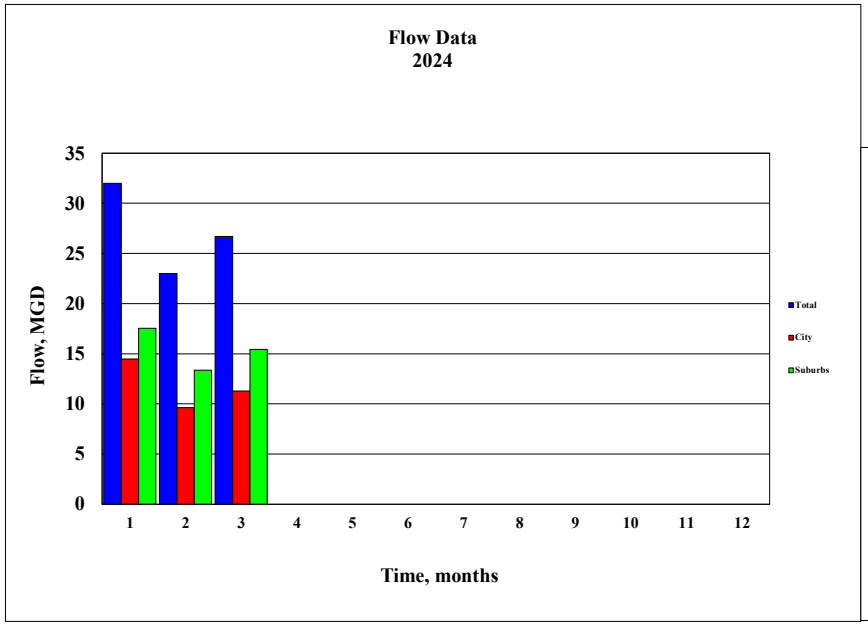
(1) Seasonal limit 2,000/100 ml Oct. 1 to Apr. 30 and 200/100 ml May 1 to Sept. 30.
(2) Seasonal Limit May 1 to Nov.1.

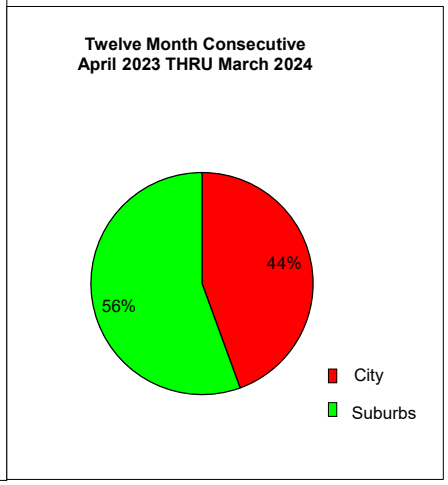
EXHIBIT B

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Flow Monitoring Information, MGD - 2024

	Total			City Regions					Suburb Regions					Total Precip
Month	Flow	City	Suburbs	1	2	3	4	5	6	7	8	9	10	inches
January	32.000	14.481	17.519	13.200	0.281	0.300	0.140	0.560	1.800	6.600	3.229	5.280	0.610	6.920
February	23.000	9.642	13.358	8.520	0.202	0.300	0.450	0.170	1.500	4.980	2.318	4.070	0.490	2.840
March	**26.700**	**11.268**	**15.432**	**9.730**	**0.238**	**0.300**	**0.740**	**0.260**	**1.600**	**5.700**	**2.742**	**4.480**	**0.910**	**4.620**
April														
May														
June														
July														
August														
September														
October														
November														
December														
Average	27.23	11.80	15.44											4.79
Percent	100.00	43.32	56.68											14.38





CAPITAL REGION WATER

EXHIBIT C

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Treatment Utility and Chemical Usage - 2024

Utility / Chemical	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Electric														
Total, kwH	**1,249,200**	*	*										416,400	1,249,200
Average, kwH/Day	**40,297**	*	*											-------
Cost, Dollars	**$72,289.80**	*	*										$24,096.60	$72,289.80
Natural Gas														
Total, Cu Ft	**0.0**	*	*										0	0
Average, Cu Ft/Day	**0**	*	*											-------
Cost, Dollars	**$0.00**	*	*										$0.00	$0.00
Water														
Total, Gal.	*	*	*											0
Average, Gal./Day	*	*	*											-------
Cost, Dollars	*	*	*										$0.00	$0.00
MicroC														
Total, Gal.	0	0	**0**										0	0
Average, Gal./Day	0.0	0.0	**0.0**										0	-------
Cost, Dollars	$0	$0.00	**$0**										$0.00	$0.00
Sodium Hydroxide														
Total, Gal.	0	0	**0**										0	0
Average, Gal./Day	0	0	**0**										0	-------
Cost, Dollars	0	0	**0**										$0.00	$0.00
Chlorine Disinfection														
Total, Lbs.	13,145	8,990	**10,980**										11,038	33,115
Average, Lbs./Day	424	310	**354**										363	-------
Avg Residual, mg/L	0.19	0.17	**0.20**										0.19	-------
Cost, $/Lbs.	$1.64	$1.64	**$1.64**										$1.64	-------
Total Cost, Dollars	$21,557.80	$14,743.60	**$18,007.20**										$18,102.87	$54,308.60
Phosphorous Removal														
Total FeCl3, Gals.	1,660	1,445	**1,367**										1,491	4,472
Avg FeCl3, Gals./Day	54	50	**44**										49	-------
FeCl3 Cost, $/Gal.	$1.74	$1.74	**$1.74**										$1.74	-------
FeCl3 Total Cost, Dollars	$2,888.05	$2,514.30	**$2,378.58**										$2,593.64	$7,780.93

*** No data at time of report**

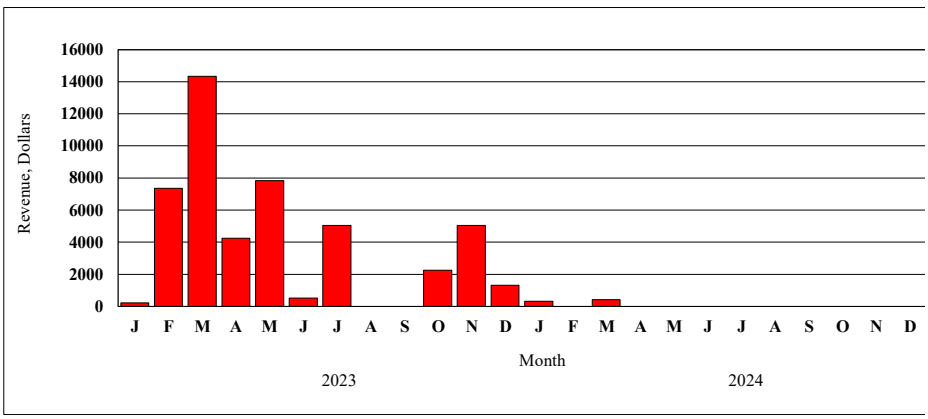
CAPITAL REGION WATER

EXHIBIT D

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Cogeneration Electrical Production: 2023-2024

Period	Percent Run Time	Daily Avg Kilowatt	Kilowatt Hours Produced	Estimated Revenue
January 2023	2	58	1,800	$210.51
February 2023	58	2,250	63,000	$7,367.85
March 2023	75	3,135	97,200	$14,337.97
April 2023	25	960	28,800	$4,248.29
May 2023	38	1,713	53,100	$7,832.78
June 2023	5	120	3,600	$531.04
July 2023	32	1,103	34,200	$5,044.84
August 2023	0	0	0	$0.00
September 2023	0	0	0	$0.00
October 2023	13	4,936	15,300	$2,256.90
November 2023	26	1,140	34,200	$5,044.84
December 202	7	290	9,000	$1,327.59
Total - 2023			340,200	$48,202.61
Monthly Average - 2023	23	1,309	28,350	$4,016.88
January 2024	2	87	2,700	$315.77
February 2024	0	0	0	$0.00
March 2024	**3**	**116**	**3,600**	**$421.02**
April 2024				
May 2024				
June 2024				
July 2024				
August 2024				
September 2024				
October 2024				
November 2024				
December 2024				
Total - 2024			6,300	$736.79
Monthly Average - 2024	2	68	2,100	$245.60



CAPITAL REGION WATER

EXHIBIT E

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Sludge Handling Information - 2024

Process	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Solids Removal														
Process, Lbs.	542,856	203,990	**578,118**										441,655	1,324,964
CWH Program, Lbs.	602,885	682,243	**717,826**										667,651	2,002,954
Total Solids, Lbs.	1,145,741	886,233	**1,295,944**										1,109,306	3,327,918
Sludge Dewatering														
Feed Volume, Gals.	3,466,000	3,659,000	**4,085,000**											
Feed Solids, %	2.2	2.1	**1.7**										2.0	6.0
Labor, Hours	959	1,062	**1108**										1,043	3,130
Operations, Hours	520	548	**579**										549	1,647
Total Cake, Dry Tons	184	212	**147**										181	543
Total Cake, Wet Tons	1,201	1,325	**992**										1,173	3,518
Cake TS, %	16.1	16.0	**16.1**										16.1	48.2
Press Rate, Lbs./Hour	4,617	4,836	**3,428**										4,293	12,880
Polymer Dosage, Lbs	3,069	3,736	**3,472**										3,426	10,277
Polymer Dosage, Lbs/Dry Ton	16.7	19.8	**26.6**										21.0	63.0
Disposal Cost														
Labor, Dollars	$18,435.82	$20,415.48	**$21,297.68**										$20,049.66	$60,148.99
Electrical,Dollars	$228.93	$241.12	**$254.67**										$241.57	$724.72
Polymer, Dollars	$5,984.55	$7,285.20	**$6,770.40**										$6,680.05	$20,040.15
Disposal, Dollars	$40,940.90	$33,387.70	**$35,166.10**										$36,498.23	$109,494.70
Total Cost, Dollars	$65,590.21	$61,329.50	**$63,488.85**										$63,469.52	$190,408.56
Cost Per Dry Ton, Dollars	$356.47	$289.29	**$431.90**										$359.22	$1,077.66

CAPITAL REGION WATER

EXHIBIT F

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Conveyance Utility Usage - 2024

Location / Utility	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Front Street Pump Station														
Electric														
Total, kwH	*	*	*											0
Average, kwH/Day	*	*	*											-----
Cost, Dollars	*	*	*											$0.00
Fuel Oil														
Total, Gals.	0	0	**0**										0	0
Average, Gals./Day	0	0	**0**										0	-----
Cost, Dollars	$0.00	$0.00	**$0.00**										0	$0.00
Water														
Total, Gals.	*	*	*											0
Average, Gal./Day	*	*	*											-----
Cost, Dollars	*	*	*											$0.00
Spring Creek Pump Station														
Electric														
Total, kwH	77,120	*	*										77,120	77,120
Average, kwH/Day	2,488	*	*										2,488	-----
Cost, Dollars	$5,819.27	*	*										$5,819.27	$5,819.27
Fuel Oil														
Total, Gals.	0	0	**0**										0	0
Average, Gals./Day	0	0	**0**										0	-----
Cost, Dollars	$0.00	$0.00	**$0.00**										$0.00	$0.00
Water														
Total, Gals.	*	*	*											0
Average, Gal./Day	*	*	*											-----
Cost, Dollars	*	*	*											$0.00
Market Street Pump Station														
Electric														
Total, kwH	1,320	*	*										1,320	1,320
Average, kwH/Day	43	*	*										43	-----
Cost,Dollars	$164.58	*	*										$164.58	$164.58
Fuel Oil														
Total, Gals.	0	0	**0**										0	0
Average, Gals./Day	0	0	**0**										0	-----
Cost, Dollars	$0.00	$0.00	**$0.00**										$0.00	$0.00
City Island Pump Station														
Electric														
Total, kwH	40	*	*										40	40
Average, kwH/Day	1	*	*										1	-----
Cost, Dollars	$64.23	*	*										$64.23	$64.23

*** No Data at time of report**

EXHIBIT G

CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY

Contract Waste Hauling Program 2023 - 2024

Month	Process		Septic		Total	
	Gallons	Revenue	Gallons	Revenue	Gallons	Revenue
January	2,332,260	$65,162.88	208,150	$7,173.90	2,540,410	$72,336.78
February	1,424,370	$47,326.95	191,150	$6,694.20	1,615,520	$54,021.15
March	944,920	$28,533.96	265,650	$9,491.40	1,210,570	$38,025.36
April	579,580	$19,060.38	265,600	$9,473.40	845,180	$28,533.78
May	1,273,220	$68,101.35	267,600	$9,588.60	1,540,820	$77,689.95
June	1,329,280	$68,218.26	326,700	$11,626.20	1,655,980	$79,844.46
July	1,372,660	$59,957.87	262,650	$9,411.30	1,635,310	$69,369.17
August	1,883,530	$87,631.96	314,650	$11,214.90	2,198,180	$98,846.86
September	2,137,570	$105,510.75	276,550	$9,849.60	2,414,120	$115,360.35
October	2,340,860	$134,366.80	288,550	$10,332.90	2,629,410	$144,699.70
November	1,762,060	$118,125.70	239,550	$8,610.30	2,001,610	$126,736.00
December	1,543,690	$90,184.38	205,450	$7,378.20	1,749,140	$97,562.58
Total - 2023	18,924,000	$892,181.24	3,112,250	$110,844.90	22,036,250	$1,003,026.14
Monthly Average - 2023	1,577,000	$74,348.44	259,354	$9,237.08	1,836,354	$83,585.51
January	2,077,950	$114,775.25	161,300	$5,749.20	2,239,250	$120,524.45
February	3,281,800	$176,962.65	174,000	$6,217.20	3,455,800	$183,179.85
March	**3,634,040**	**$178,316.53**	**193,500**	**$6,916.50**	**3,827,540**	**$185,233.03**
April						
May						
June						
July						
August						
September						
October						
November						
December						
Total - 2024	8,993,790	$470,054.43	528,800	$18,882.90	9,522,590	$488,937.33
Monthly Average - 2024	2,997,930	$156,684.81	176,267	$6,294.30	3,174,197	$162,979.11