Ensure Financial Stability	
Reconciled Bank Account Balances	Refer to attached Reconciled Bank Account Balances as of 4/30/2024.
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.

Ensure Revenues are Consistent with System Usage	
Water Shut-offs	There were 27 water shut-offs for non-payment and 32 service shut-off requests.
Repair/Replace Meters/MXUs/Batteries	Drinking Water Distribution staff replaced 1 water meter, 1 battery and 0 MXUs.
Reduce Wet Weather Impacts to Infrastructure, Community, and Receiving Waters	
Negotiate with PADEP/U.S. EPA/DOJ on Past and Future Practices	No update.
Develop Necessary Planning for Implementation of Green Infrastructure	No update.
Joint Pollutant Reduction Plan - Collaborate with Suburban Partners on MS4	The Joint Pollutant Reduction Plan for the next 5-year permit cycle requires 1,632,080 (lbs.) of sediment reduction through the implementation of projects. In partnership with PENNDOT, the Municipal Partners are underway with the last stream restoration project to meet the required sediment reductions.
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 April.
	The AWTF met all NPDES Permit parameters for the month of April. One Dry Weather Overflow and one Sanitary Sewer Overflow were reported. Details are described in the AWTF Monthy Report.

Notice of Violations (NOVs)	There were no NOVs received by the Drinking Water department in April.
	There were no NOVs received by the Wastewater department 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 April.
	The Wastewater department completed all regularly scheduled preventative maintenance in the month of April, but focused heavily on semi-annual preventative maintenance of our CSO sites, completing 45 throughout the month of April.
CCTV	A total of 3,907 feet (0.74 miles) of sewer pipes were assessed by closed circuit television (CCTV) footage during the month of April. A total of 4,994 feet (0.95 miles) of sewer pipes were flushed as well.
Incident Response	Wastewater responded to five backup and overflow calls from residents during the month of April. CRW was responsible for one.
Geographic Information System (GIS)	• Forty-six (46) Pennsylvania One Call tickets were completed. Forty-two (42) required a map and four (4) had no CRW assets in the project area. • Lead Service Line Inventory (LSLI) project support continues. This includes attendance at multiple meetings across multiple departments and business organizations. • Attended the yearly PA GIS Conference in State College. • Conducted Field Maps training with Lenegan staff. This will allow Lenegan to supply service line size and material information related to the LSLI task. Data will be collected while Lenegan is replacing meters for the Advanced Metering Infrastructure (AMI) project. • Conduct meeting with Environmental Compliance Inspector. The meeting explained the process and use of the GIS Field Maps designed to assist with updating Fats, Oil and Grease (FOG) locations and the interaction between GIS and Cityworks. • Assisted Community Outreach working group to GPS locate CSO Signs and conduct compliance inspections. • Two (2) meetings were held at the Water Services Center (WSC) to discuss/complete open work orders related to water assets. • Attended meeting related to fleet and equipment inventory. Multiple revisions to GIS schema and data based on the meeting outcome. Meeting was organized by Cityworks team. • Assist Cityworks team with multiple schema edits to Verticals GIS database. This is related to the Distribution Asset Management Plan project. • Participated in AED/CPR/First Aid training.
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. June engagement. • Task 2.2 Budget Processing Workflow, draft is in review, final to be complete early June. • 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. May 1st meeting resulted in prioritization of dashboard development to automate and visualize Collection System and Distribution monthly management reports. **Operations & Maintenance RIG** • Task 4.1 Distribution Asset Management Plan (DAMP) workshops held 4/16/2024 and 5/6/2024. DAMP draft Section 1 is final. Meeting held 5/1/2024 with internal GIS team and 5/2/2024 with GIS consultants to assist with completing "unknown" attribute data. Scheduled internal meeting 6/4/2024 to finalize Section 2, identifying CRW performance measure targets. Section 3 draft is in review. Next workshop scheduled for 5/29/2024. • Task 4.2 Asset Class Plans, internal meeting held 5/2/2024, with follow up meetings set for 5/23/2024 and 6/4/2024 to finalize plans and align strategies with levels of service and performance metrics. • Task 4.3 Collections Job Plans and 4.4 Problem/Cause/Remedy Codes, projected July kickoff. • The tentative plan is to label AWTF assets with permanent barcode labels end of May early June timeframe. • Task 6.1 WSC Asset Inventory and Visual Condition Assessment. Consultants were on site 5/6/2024 through 5/9/2024. Updated 514 assets in registry and completed 417 visual inspections. Scheduling next round of field work for early June. **Organizational Framework RIG** • Task 5.1 Collection Asset Management Plan (CAMP) Levels of Service (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 and 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 with Senior Leadership and 6/17/2024 and 6/26/2024 with Roadmap Development Team. • Task 5.6 Asset Management Roadmap Update to follow completion of program evaluation. Estimated completion for July. • Task 5.7 Employee Development and Training kickoff 4th quarter of 2024.

Asset Management (continued)	**InfoAsset Planner Year 2 Implementation activity report:** Held internal data request coordination meeting on 4/25/2024 and follow up meeting with GIS team on 5/13/2024. Meeting on 5/7/2024 with consultant to review sewer model for improvements/needs to CCTV data updates. **Other activities:** • Created year to year comparison document of CRW's AWWA performance metrics for senior leadership review and feedback. • Attended multiple meetings for Cityworks Baseline assessment and fleet maintenance. • Met with VP of Compliance on 4/26/2024 to discuss Water Services Center Emergency Response Plan and insurance valuation needs.
Development Review Summary	For details, see attached Development Stormwater Management Review Summary spreadsheet for May.

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:** • Task Order 2024-14-01: Engineering Services for Planning and Development Services for WSC Solar Project [redacted] **Wastewater:** • Task Order 2019-24-02: Engineering Services for AWTF Energy Recovery Improvements [redacted] • Task Order 2019-24-03: Engineering Services for AWTF Energy Recovery Improvements [redacted] • Task Order 2020-19-03: Engineering Services for PennDOT I-83 Expansion Project [redacted] • Task Order 2024-13-01: Engineering Services for PennDOT Market Street Bridge - East Project [redacted] **Stormwater:** None
Stormwater O&M Agreements	**Recommend Board approval of the following:** None
AWTF Primary Digesters Rehabilitation	The contract has been closed out and will be removed from future reports.
AWTF Primary Clarifiers Improvements	The project is in the preliminary design phase.
AWTF Energy Recovery Improvements	The preconstruction meeting was held 5/9/2024 and Notice to Proceed was issued to the contractor on 5/10/2024.
Front Street Pumping Station Improvements	The contract has been closed out and will be removed from future reports.

Undertake Renewal and Replacement Projects	
2024 Water System Improvements	The project is in final design stage and will be advertised for bids in June. Construction is expected to begin in Fall 2024.
Cameron Street Water Main - Phase 4	The contractor has installed the bypass water piping and is connecting customers to the bypass. Access pits are being dug to prepare for cured-in-place piping (CIPP) lining.
2023 Sewer System Improvements (Trenchless)	CIPP of one (1) sewer pipe remains. The project is on hold to address a failing manhole needed to access the pipe.
2024 Sewer System Improvements	The preconstruction meeting was held 5/7/2024 and bids will be opened 6/5/2024. Construction is expected to begin in Fall 2024.
Arsenal Boulevard Sewer Improvements	The contractor plans to mobilize to the site in late May.
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 April.
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 April.
Sinkhole Program	Fourteen sinkholes were investigated by CRW in the month of April. One was due to failure of a water asset and another due to failure of a wastewater asset.
Inlet Cleaning	Field Operations cleaned six inlets at various locations throughout the City in April. Field Construction replaced one inlet on Mercer Street, blanked seven inlets for debris control, and repaired 16 inlets in various areas of 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. • Timber sales are available for bidding in MUs 2, 7 and MU 23. Bids are due on 5/22/2024. • Habitat improvement projects are planned for MUs 15, 16 and 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	No update.

Inform and Listen to Customers and Encourage Stewardship of our Systems	
Media Relations - Press and Social Media	**PRESS RELEASES:** CAPITAL REGION WATER INVITES PUBLIC INPUT ON PLAN TO REDUCE POLLUTION **SOCIAL MEDIA TOPICS:** **Facebook/Instagram:** 0 FB/2 IG New Followers (TOTAL: 1,679 FB and 746 IG). Seven (7) Posts; Highest Engaged Post: "Employee of the Month - Mister Pitts" (246 Reachs, 24 Reactions, 0 Shares, 15 Comments); Other topics: Customer Service Center (CSC) Closure, Advanced Metering Infrastructure (AMI) project update, and Earth Day Post. **Nextdoor:** Stats: 7,742 Total Members (136 New members); One (1) Post. **2024 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:** • Five (5) community events, reaching two hundred ninety-eight (298) community members. City Beautiful H2O Public Feedback Session on 4/24/2024, reaching three (3) community members; City of Harrisburg Earth Day Festival on 4/20/2024, reaching ten (10) community members; Hot Spot Saturday Litter Cleanup on 4/13/2024, reaching fifteen (15) community members; Harrisburg Young Professionals Forster Street Cleanup on 4/20/2024, reaching seventy (70) community members; Great Harrisburg Litter Cleanup on 4/20/2024, reaching two hundred (200) community members. • One (1) facility tour, reaching five (5) community members. CReW Advanced Wastewater Treatment Facility Tour on 4/18/2024. • Zero (0) community meetings. • Delivered three hundred thirty-seven (337) door-to-door notifications to alert customers to CRW work, including water service interruptions, boil water advisories, sewer and water projects, lead risk mitigation efforts and preventing fats, oils and grease blockages. • Seven (7) Everbridge alerts, including project notices and hydrant flushing announcements, reaching 8,833 community members.
Public Communications	**WHAT'S ON TAP COMMUNICATION:** The April monthly bill stuffer was distributed as a bill insert. Topics included: New Everbridge Alert, Hydrant flushing begins, new water meter replacement and CBH2O Feedback period opens and session scheduled.
Business Diversity	No update.

Administrative	
Risk Management	**Executive Summary:** Total Claims: 53 Open: 15 Closed: 38 Insurance Line Claim Count: Auto: 8 General Liability: 25 Public Officials: 2 Property: 1 Workers Compensation: 16 Surety Claim: 1
Human Resources	See attached Recruiting Status Report.
[redacted]	Recommend Board approval of the following at the 5/22/2024 Board Meeting: **Drinking Water** • Procurement of Zinc Orthophosphate (SLI-321L) [redacted] a sole source provider. • Procurement of a Flocculation & Sedimentation Basin Safety Speed-Rail® Railing System [redacted] **Administrative** • Request for Proposal - Special Counsel Legal Services, issued 3/28/2024, approval by Selection Committee at Legal Meeting week 4/29/2024. • Procurement of ThinkBook Laptops and ThinkPad USB-C Docks from Lenovo, Inc. [redacted] **Updates** **Administrative** • Request for Quotes: Landscaping Services, issued 4/8/2024, [redacted] notification to vendor in process of award and purchase order. **Drinking Water** • Capital Improvement Project - Unisex Rest Room/Locker Room, [redacted]

Procurement (continued)	**<u>Wastewater</u>** • Developing bid proposal specifications for personal protection equipment (PPE) working with Compliance/Risk Management. • UGI Tariff, Items for Discussion [redacted] • Developing tighter Scope of Work and Technical Specifications to troubleshoot and repair motors, pumps, etc. to convert business process outsourcing (BPO's) to service contracts for Co-Generator engine service and machine shop repairs. • Scope of Work and Bid Specifications for Bio Solids Hauling. **<u>Drinking Water/Wastewater</u>** • Capital Improvement Project meetings continue with Drinking Water, Wastewater and Stormwater Departments to plan for the respective quarter.
Information Technologies (IT)	[redacted]

Office Management and Admin Professional Services and Construction	**Incoming Correspondence Report:** Refer to attached Incoming Correspondence Report for April 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 inspections were sent via email and certified mail. **Fleet Management (Acquisitions):** No update. **Fleet Management (Completed Dispositions sold thru Municibid):** No update. **Recommend Board approval of the following:** None.
Right-to-Know Requests	CRW has received and responded to two (2) Right-to-Know requests during the period 4/18/2024 through 5/15/2024. 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. **RTK 2024-003 (Stephanie Vargas - Smart Procure)** - Request for any and all purchasing records from 1/24/2024 to current. Specific information requested from the record-keeping system: (1) Purchase Order Number. If purchase orders are not used a comparable substitute is acceptable, i.e. invoice, encumbrance, or check number. (2) Purchase date. (3) Line item details (Detailed description of the purchase). (4) Line item quantity. (5) Line item price. (6) Vendor ID number, name, address, contact person and their email address. **Response due: 4/26/2024. Response provided: 4/22/2024.** **RTK 2024-004 (Ben Abrams - Consolidated Scrap Resources, Inc.)** - Request for (1) A record or records that list all currently delinquent or unpaid accounts for CRW's stormwater charges since 10/1/2020 (hereinafter "Delinquent Stormwater Accounts"), and identify property owners and parcels corresponding to the accounts. (2) To the extent not provided in response to Request #1 above, CRW's Stormwater Aging Report as of the date of this request (for stormwater charges from Muni-Link or other CRW billing system). (3) A record or records listing (and identifying by account, owner, and parcel) all municipal claims or liens filed for Delinquent Stormwater Accounts as of the date of this request. (4) To the extent not provided in response to Requests #1-3 above, CRW's Top 50 Aging Report as of the date of this request (for charges from Muni-Link or other CRW billing system). (5) All letters sent on behalf of CRW via certified mail to persons or entities with Delinquent Stormwater Accounts in which the letter explicitly states that collection charges and attorney's fees will be included if municipal claims or liens are filed against properties (for their delinquent account balances for stormwater charges). Specifically, this request is for all 30-day notice letters sent on behalf of CRW pursuant to 53 P.S. §7106(a.3) as of the date of this request for all Delinquent Stormwater Accounts. **Response due: 5/7/2024. Response provided 4/30/2024 for 30-day extension until 6/6/2024.** [redacted]

CAPITAL REGION™

WATER

Reconciled Bank Account Balances

Reconciled Bank Account Balances

04/30/2024

Unrestricted Cash Accounts	Balance	APY	Bank	
ADMIN				
Business Checking-6908	$ 97,139.81	0.65%	First National Bank	
Money Market-Admin-0621	$ 373,758.66	5.22%	First National Bank	
FNB Lockbox-6393	$ 93,049.67	0.0000%	First National Bank	
General Account-7892	$ 686,410.09	0.00%	First National Bank	
Project Fund-6990	$ 460,858.97	4.59%	First National Bank	
WATER				
Water Revenue Fund-6833	$ 1,346,965.45	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Water-0639	$ 18,367,414.29	5.22%	First National Bank	
Water 2022 Pennvest-1878	$ 10,500.92	0.00%	First National Bank	
SEWER				
Sewer Revenue Account-5819	$ 629,990.31	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Sewer-0589	$ 10,129,363.63	5.22%	First National Bank	
Sewer 2021 Pennvest-5846	$ 10,000.63	0.00%	First National Bank	
Sewer Pennvest-3642	$ 53,359.04	0.00%	First National Bank	
Sewer 2022 Pennvest-6430	$ 24,000.94	0.00%	First National Bank	
STORMWATER				
Stormwater Revenue Account-8814	$ 234,150.68	0.00%	First National Bank	Earnings Generated offset fees for Services
Stormwater Money Market-4633	$ 4,797,228.06	5.22%	First National Bank	
Stormwater Pennvest-0241	$ 12,500.19	0.00%	First National Bank	

Restricted Cash Accounts	Balance	APY	Bank	
WATER				
Water 2016A Debt Service Reserve-517295	$ 6,017,420.25	5.180%	Bank of New York	
Water 2016A Debt Service Fund-517296	$ 584,467.33	5.180%	Bank of New York	
Water 2018 Debt Service Reserve-763549	$ 4,357,399.52	5.180%	Bank of New York	
Water 2018 Debt Service Fund-763548	$ 82,815.40	5.180%	Bank of New York	
Water 2018 Bond-Construction-763594	$ -	4.870%	Bank of New York	
SEWER				
Wastewater 2017 Debt Service Reserve-721503	$ 3,035,415.02	5.18%	Bank of New York	
Wastewater 2017 Debt Service Fund-721387	$ 1,228,934.77	5.18%	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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WATER

Grant Management Report

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WATER

Grant Management Report as of 4/30/2024

This information is not available at the time of upload.

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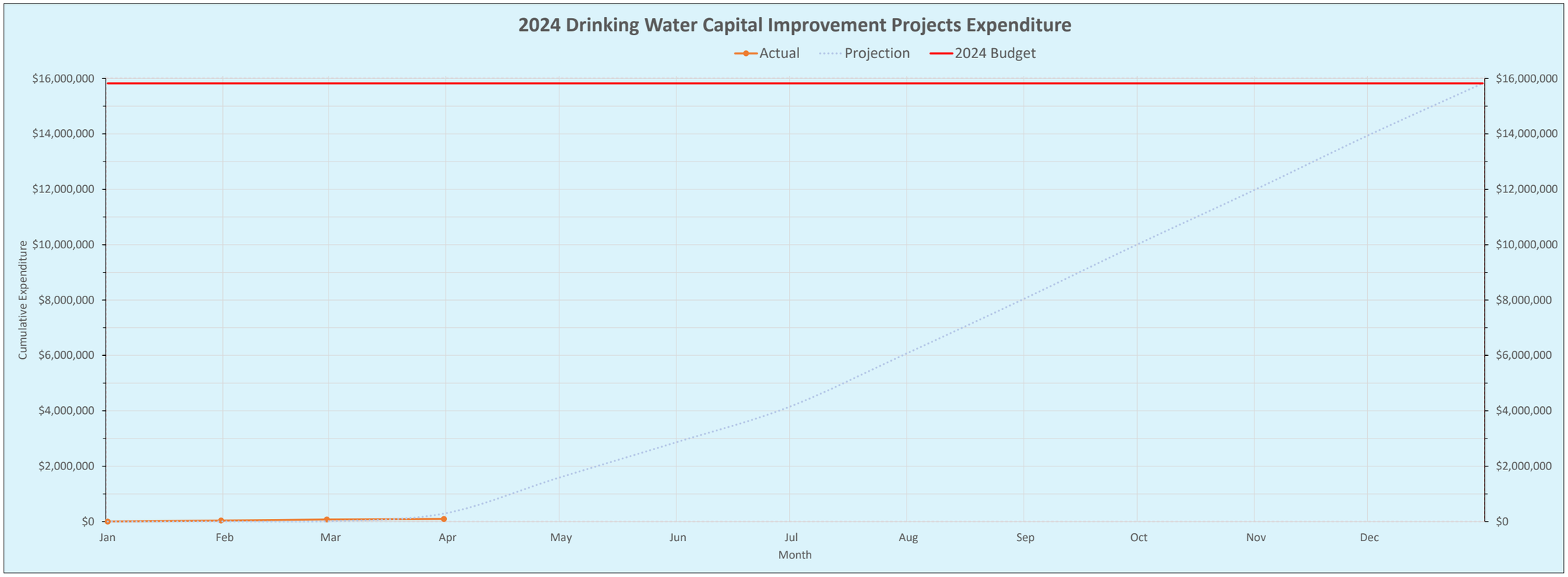
WATER

Capital Improvement Projects Report

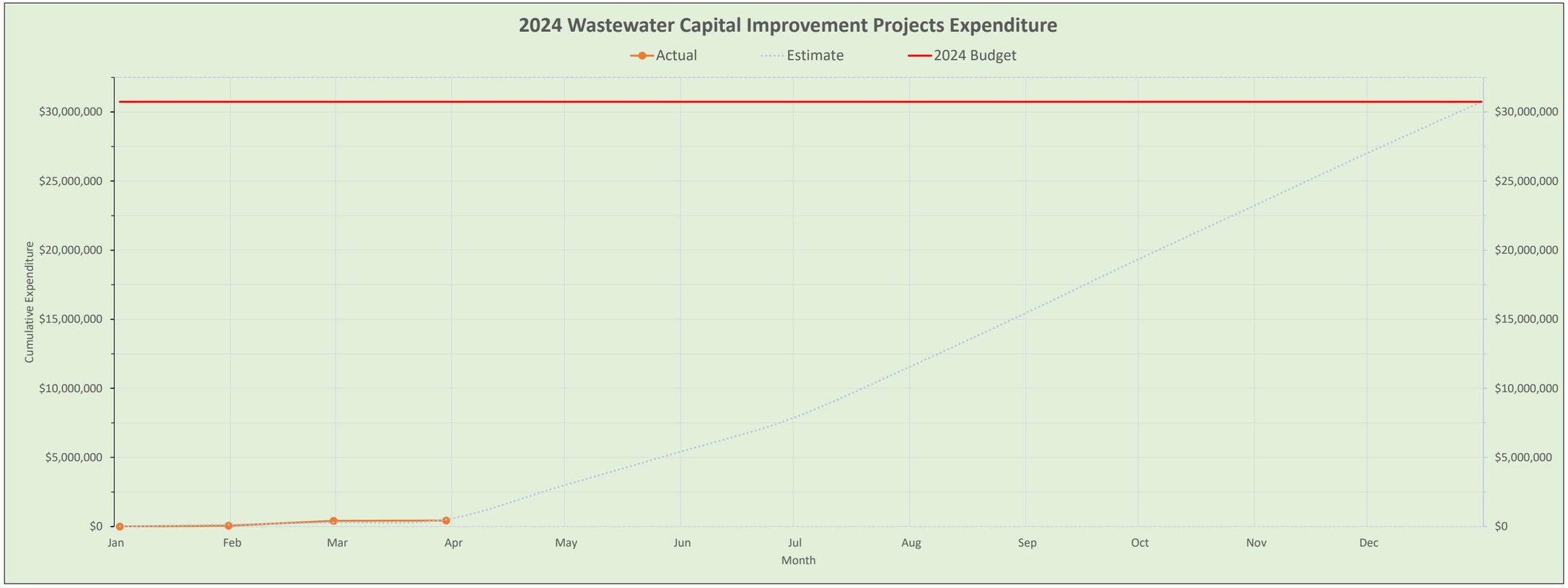
Drinking Water Capital Improvement Projects Report



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	$ 5,969										$ 7,672	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	$ 2,542										$ 9,541	0%	$ 2,708,403
60800801-80100-00230	DeHart Dam Improvements PV	DESIGN	$ 24,856	$ -	$ 8,697										$ 33,553	49%	$ 69,000
	Actual Monthly Expenditure		**$ 35,755**	**$ 40,650**	**$ 17,208**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 93,613**	0.6%	**$ 15,826,296**
	Actual CUMULATIVE Expenditure 0		**$ 35,755**	**$ 76,405**	**$ 93,613**												

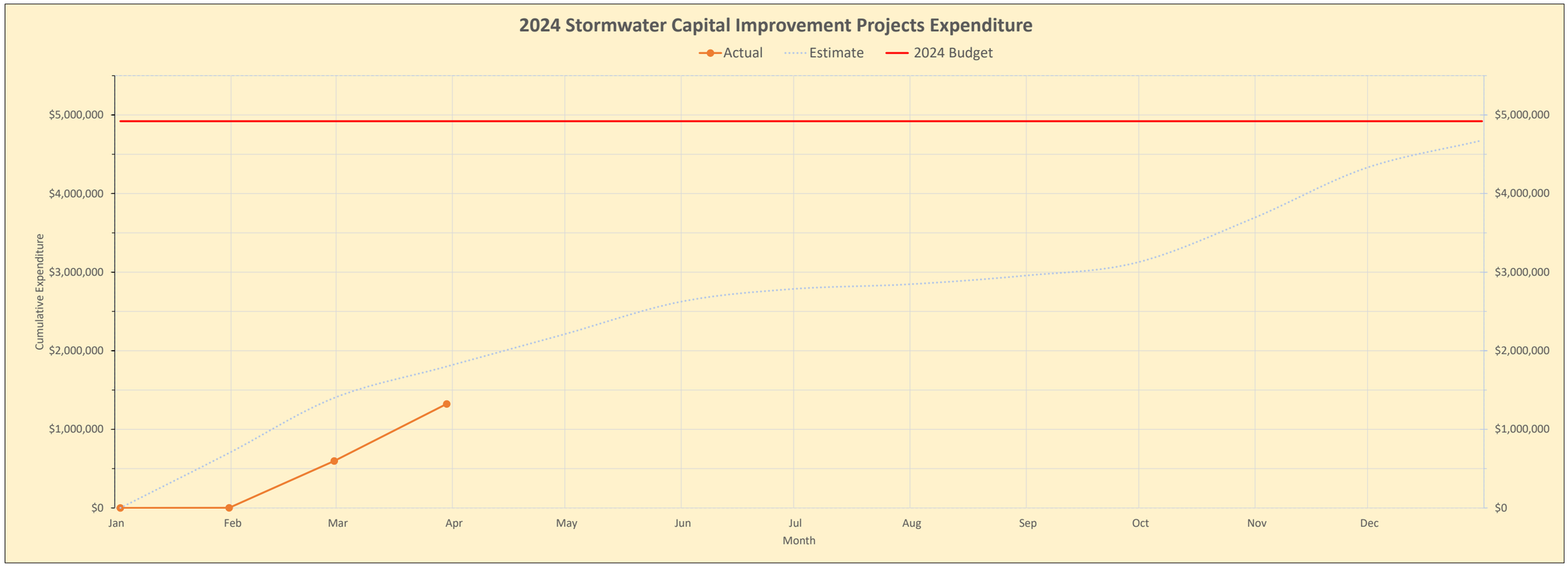
Wastewater Capital Improvement Projects Report



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	$ 384										$ 3,397	0%	$ 12,340,000
80800801-80100-00024	Primary Clarifier Improvement	DESIGN	$ 9,571	$ 14,798	$ 9,952										$ 34,321	1%	$ 2,600,000
80800801-80100-00026	Collection System Rehab	CONSTRUCTION	$ 18,744	$ 263,635	$ 3,845										$ 286,224	16%	$ 1,740,000
80800801-80100-00061	Arsenal Blvd Sewer Improvements	CONSTRUCTION	$ -	$ 5,279	$ 6,420										$ 11,699	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	$ -	$ 3,153										$ 15,383	5%	$ 324,000
80800801-80100-00115	PennDOT I-83 Expansion	CONSTRUCTION	$ -	$ 6,512	$ 744										$ 7,256	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**	**$ 24,498**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 434,050**	**1.4%**	**$ 30,737,000**
	Actual CUMULATIVE Expenditure 1		**$ 61,336**	**$ 409,552**	**$ 434,050**												

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	$ 726,286										$ 1,321,148	47%	$ 2,792,909
90800801-80100-00125	Sw PENNVEST Pro-Fi Phase 5	DESIGN	$ 1,795	$ -	$ 264										$ 2,059	0%	$ 1,560,240
90800801-80100-00129	Small Sewer Separation	DESIGN	$ -	$ -	$ -										$ -	0%	$ 50,000
		Actual Monthly Expenditure	**$ 1,795**	**$ 595,270**	**$ 726,550**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,323,615**	**28.3%**	**$ 4,679,549**
		Actual CUMULATIVE Expenditure	**$ 1,795**	**$ 597,065**	**$ 1,323,615**												

CAPITAL REGION™

WATER

Development Stormwater Management Review Summary

CAPITAL REGION WATER

Development Stormwater Management Review Summary

May 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

May 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
501 Benton Street	Preliminary/Final Development	4/4/2024	4/26/2024	Paxton Creek	Underground Infiltration Facility	0.21	X	X	X	Approval letter 4/26/2024

CAPITAL REGION™

WATER

Recruiting Status

CAPITAL REGION WATER

RECRUITING STATUS

Gina Bond, HR Analyst

May 9, 2024

New Hires

Position	Employee	Effective Date	Service Area
Laborer I – Wastewater	Jaylon Johnston	5/20/2024	No
Laborer I – Drinking Water	Robert Vittitoe	5/20/2024	No
Operator I – Wastewater	Thomas Hershey	5/28/2024	No
Confidential Executive Assistant	Rachel Ireland	5/30/2024	Yes
Operator I - Wastewater	George Pennebaker	6/3/2024	No

Promotions/Transfers

Employee	Former Position	New Position	Effective Date
Jorge Garcia-Navarro	Maintenance Worker II - Wastewater	Maintenance Worker III - Wastewater	N/A
Warren Detres-Toro	Maintenance Worker I - Wastewater	Maintenance Worker II - Wastewater	N/A

Left Employment/Resignations/Retirements

Employee	Position	Effective Date
Brandon Anderson	Operator I – Wastewater	4/11/2024
Janine Schiffino	Confidential Executive Assistant	4/19/2024
Paul Eads	Service Person II – Drinking Water	4/22/2024
Kenya Askew	Laborer I – Drinking Water	5/9/2024
Deborah Sibbering	VP of Human Resources	5/17/2024

CAPITAL REGION WATER

RECRUITING STATUS

Gina Bond, HR Analyst

May 9, 2024

Open Positions

Position	Status	Service Area
Operator I – Wastewater	Interview process underway	N/A
Project Manager/Design Engineer	Interview process underway	N/A
Payroll Manager and Accounting Specialist	Interview process underway	N/A
Customer Care Technician	Search underway	N/A
VP of Human Resources	Search underway	N/A
Service Person II – Drinking Water	To be posted internally	N/A
Laborer I – Drinking Water	To be posted internally	N/A

CAPITAL REGION™

WATER

Incoming Correspondence Report

Incoming Correspondence Report

April 2024

Date Received	Date of Correspondence	Company/Agency and Name of Sender	Reference	CRW Addressee/ Received by/ Provided to
4/8/2024	4/2/2024	CNA Surety	[redacted] - Sewer & Water main connection Rescind cancellation request	Addresed to: CRW Received by: Janice Miller-Zerbe Provided to: Miriam Gonzalez- Siegel
4/22/2024	4/18/2024	Lower Susquehanna Riverkeeper Association	CRW, Pa NPDES Permit 0027197, Acceptance of Republic Services Modern Landfill Leachate	Addressed to: PADEP-SC Region Cc'd to: Charlotte Katzenmoyer & Jess Rosentel Received by: Janice Miller-Zerbe Provided to: Charlotte Katzenmoyer & Jess Rosentel
4/24/2024	4/16/2024	PA Department of Environmental Protection	Public Water Supply Partial Operation Permit #2222522MA Liquid Lime System Susquehanna Twp, Dauphin County	Addressed to: David Stewart Received by: Janice Miller-Zerbe Provided to: Jeff Bowra

CAPITAL REGION™

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Drinking Water

CAPITAL REGION™

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DRINKING WATER DEPARTMENT MONTHLY REPORT

2024 Flushing Season

April 2024

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

CAPITAL REGION WATER

Drinking Water Department Monthly Report

April 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 April. The basins on the B side of the plant were taken offline and drained for routine cleaning and maintenance.

The DeHart water source was in service for 30 days and the Susquehanna River water source for zero days. The hydroelectric turbine generator was in service for 30 days during the month of April.

Specific water quality results are summarized in Exhibit A. As shown in Exhibit B, a total of 222.024 MG, averaging 7.401 MGD was withdrawn from the DeHart water supply source for treatment. A total of 207.279 MG, averaging 6.976 MGD, of finished drinking water was pumped to the distribution system.

The DeHart Watershed had above average rainfall in April (Exhibit C) and the DeHart Reservoir water level slightly decreased (Exhibit D). An estimated 2,063.78 MG of water was released from the DeHart Reservoir to Clark Creek, averaging 68.79 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 47 preventive maintenance work orders and six corrective maintenance work orders for all water treatment plant equipment, pumping stations, and fleet vehicles during the month of April. One of the laborer vacancies was filled in April.

- The DeHart Dam watershed was patrolled daily.
- Completed the removal of brush and small saplings on the DeHart Dam breast-water side, continued to clean and remove trees from the toe drain at the DeHart Dam facility.
- Trouble-shoot and replaced encoder on 307 Clartitrac system.
- Trouble-shoot and replaced shear pin on 303 Flocculation system.
- Upgraded, rearranged, and installed dedicated circuitry and electrical components on the Settle Basin sampling wall.
- Repaired hydraulic hoses and replaced battery on DeHart Dam backhoe (C-38).
- Two Maintenace Specialist participated in the annual Harrisburg City litter clean up.
- Repaired leak on Filter 408 Loss of Head Transmitter.
- Laid down ground mulch at the WSC and DeHart Dam Facilities.

Distribution

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

- One fire hydrant was repaired.
- Repaired five leaking services totaling 1,744,982 gallons of unaccountable water.
- Completed 136 work orders.
- Completed 510 water, sewer, and stormwater locates.
- Flushed 454 fire hydrants.
- 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, THM, HAA, TOC, and alkalinity. There were no exceedances for any of these analytes.
- Received no taste and odor complaints in April.

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**									**A**	**5% P**
Chlorine Residual, mg/L Free														
Filter Plant Effluent	1.94	1.98	1.97	**2.00**									**1.97**	**0.2 - 4.0**
Distribution System	1.36	1.38	1.34	**1.36**									**1.36**	**>0.20**
Turbidity, NTU														
Influent from DeHart	1.01	0.93	0.81	**0.92**									**0.92**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	0.03	0.03	0.03	**0.03**									**0.03**	**0.30**
pH, Std Units														
Influent from DeHart	6.2	6.2	6.5	**6.5**									**6.36**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	7.6	7.6	7.4	**7.5**									**7.51**	**6.5 - 8.5***
Distribution System	7.4	8.0	7.4	**7.5**									**7.54**	**6.5 - 8.5***
Total Alkalinity, mg/L as CaCO3														
Influent DeHart	5	5	5	**5**									**5.00**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	18	18	16	**16**									**16.99**	**NA**
Distribution System	17	21	19	**17**									**18.50**	**NA**
Temperature, degrees C														
Influent from DeHart	7.7	7.2	8.8	**10.7**									**8.60**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	7.9	7.4	8.7	**10.4**									**8.58**	**NA**
Distribution System	13.9	15.4	12.2	**16.2**									**14.43**	**NA**
Fluoride, mg/L														
Filter Plant Effluent	0.82	0.72	0.73	**0.70**									**0.74**	**2**
Aluminum, mg/L														
Filter Plant Effluent	0.02	0.11	0.02	**0.01**									**0.04**	**0.2***
Iron, mg/L														
Influent from DeHart	0.09	0.07	0.07	**0.08**									**0.08**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	0.01	0.01	0.01	**0.01**									**0.01**	**0.3***
Distribution System	0.00	0.05	0.03	**0.01**									**0.02**	**0.3***
Total Dissolved Solids, mg/L														
Influent from DeHart	16	16	16	**15**									**15.72**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	42	43	39	**41**									**41.43**	**500***
Distribution System	48	45	50	**44**									**46.70**	**500***
Total Hardness, mg/L														
Influent from DeHart	8	8	8	**8**									**8.00**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**N/A**	**NA**
Filter Plant Effluent	8	8	8	**8**									**8.10**	**NA**
Distribution System	5	7	5	**3**									**5.10**	**NA**
Orthophosphate, mg/L														
Filter Plant Effluent	1.24	1.22	1.24	**1.27**									**1.24**	**0.7 - 1.3***
Distribution System	1.24	1.25	1.23	**1.28**									**1.25**	**0.7 - 1.3***
****Total Trihalomethanes, ug/L**														
Distribution System	38.5	NA	NA	**39.6**									**39.1**	**80.0**
****Total Haloacetic Acids, ug/L**														
Distribution System	33.4	NA	NA	**45.8**									**39.6**	**60.0**
Total Organic Carbon, mg/L														
Influent from DeHart	2.30	NA	NA	**2.40**									**2.35**	**NA**
Influent from Susquehanna	NA	NA	NA	**NA**									**NA**	**NA**
Filter Plant Effluent	1.30	NA	NA	**1.10**									**1.20**	**NA**
Average Filter Run, Hours	114	112	111	**114**									**112.63**	**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		Plant Influent		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	7.459	220.320	7.597	4.969	0.160	217.840	7.027
April	**222.024**	**7.401**	**0.000**	**0.000**	**222.024**	**7.401**	**213.008**	**7.100**	**5.729**	**0.191**	**207.279**	**6.976**
May												
June												
July												
August												
September												
October												
November												
December												
Total	**910.519**		**0.000**		**910.519**		**889.526**		**19.852**		**855.963**	
Average	**227.630**	**7.526**	**0.000**	**0.000**	**227.630**	**7.526**	**222.382**	**7.476**	**4.963**	**0.164**	**213.991**	**7.091**

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	**4.55**									**22.30**
Daily Average	0.377	0.074	0.126	**0.152**									**0.729**
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**

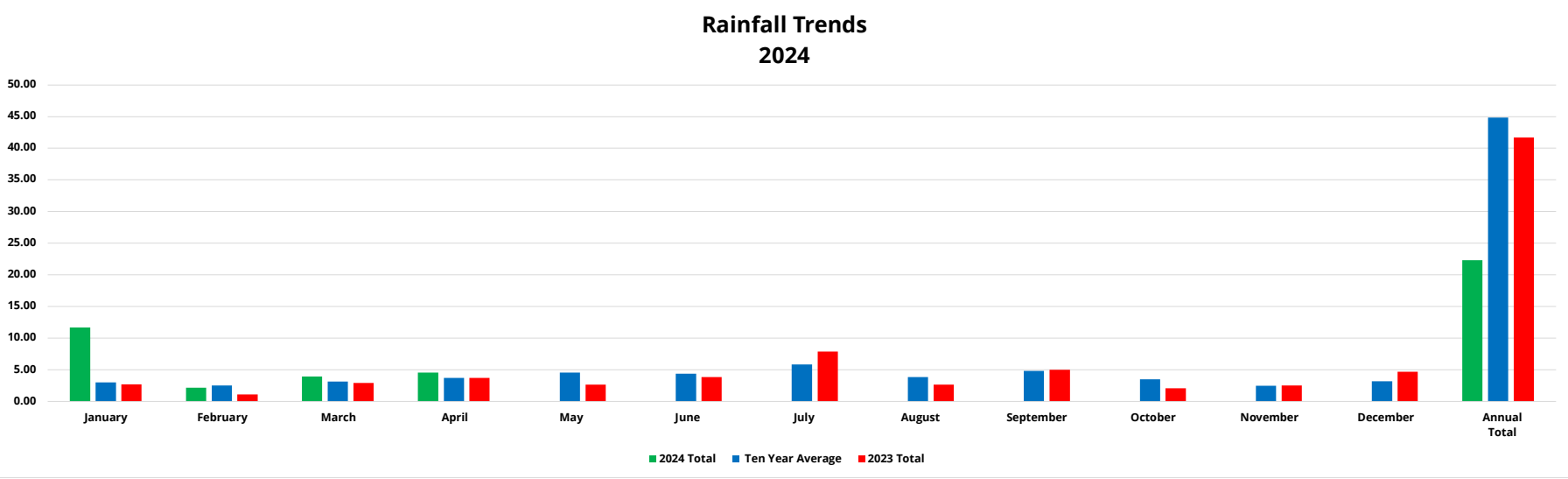
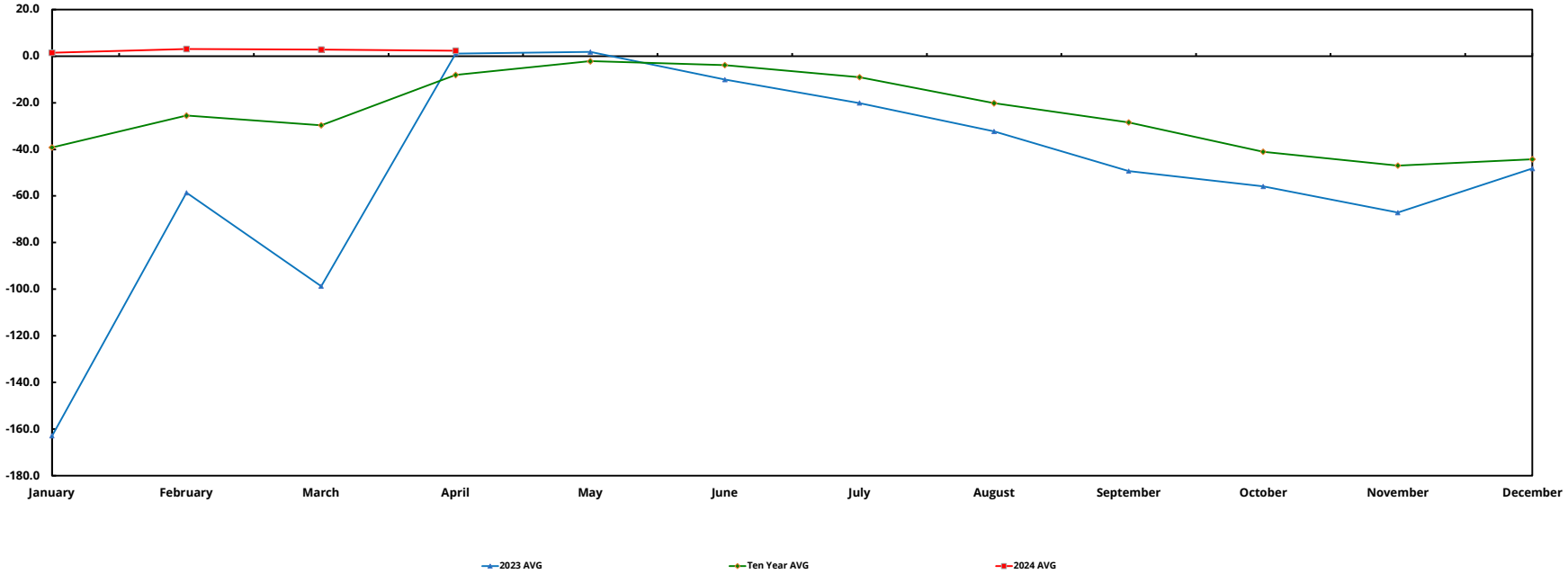


EXHIBIT D

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	**2.3**								
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

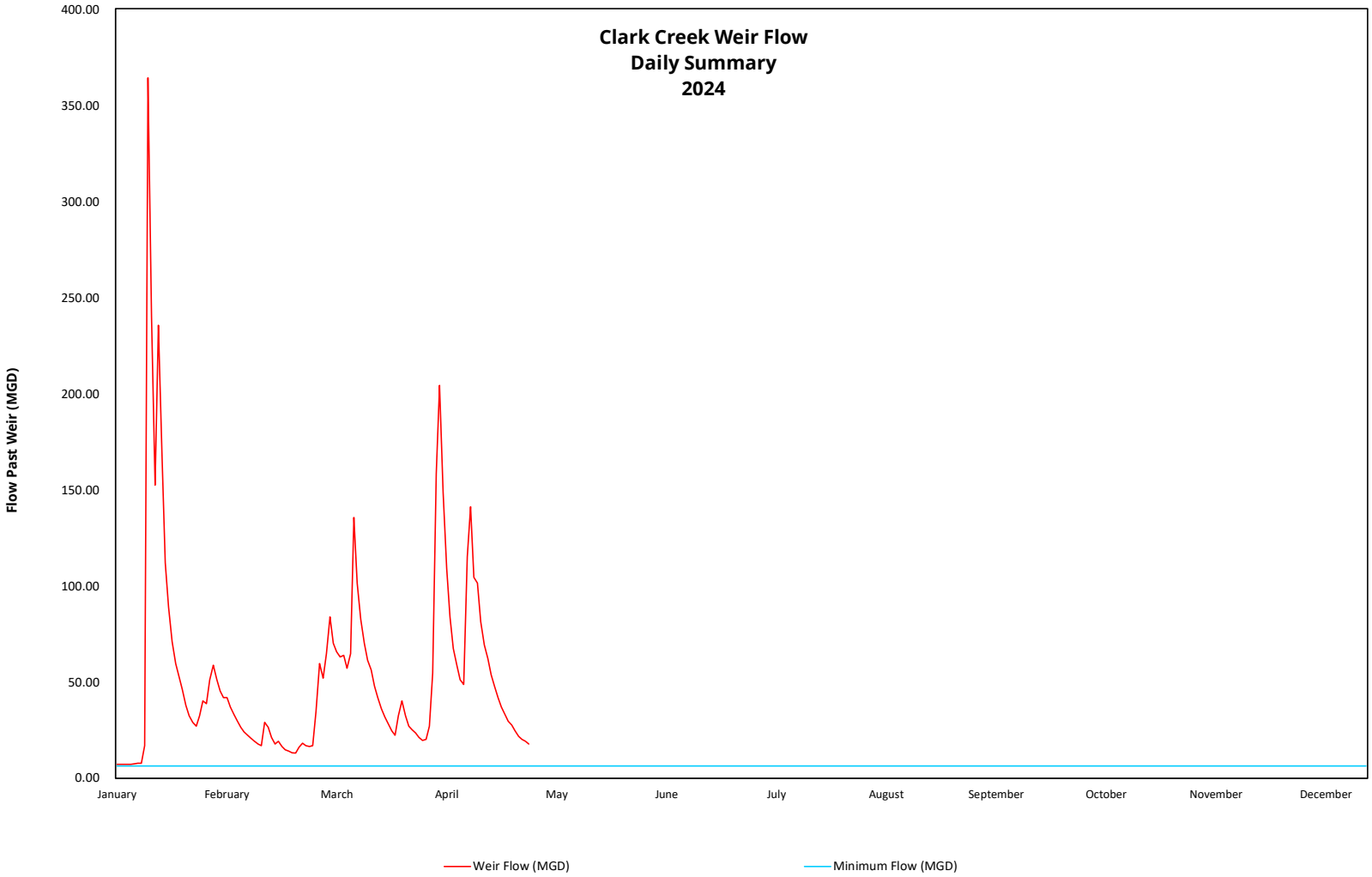
DeHart Reservoir Water Level Trends
2024



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	**162,000**										**167,400**	**502,200**
Cost, Dollars	$12,309.05	$8,548.76	**$9,143.80**										**$10,000.54**	**$30,001.61**
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	**10,425**										**9,115**	**27,346**
Cost, Dollars	$9,791.01	$9,595.00	**$9,102.83**										**$9,496.28**	**$28,488.84**
Sewer														
Total, Gal	6,830,000	6,290,000	**7,290,000**										**6,803,333**	**20,410,000**
Cost, Dollars	$68,163.40	$62,275.20	**$72,754.20**										**$67,730.93**	**$203,192.80**
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	**84,800**										**87,733**	**263,200**
Cost, Dollars	$3,909.19	$3,655.05	**$3,466.91**										**$3,677.05**	**$11,031.15**
Electric Generation														
Total, kwH	91,200	87,200	**84,800**										**87,733**	**263,200**
Cost, Dollars	$1,489.62	$1,477.60											**$1,483.61**	**$2,967.22**
Natural Gas														
Total, Cu Ft	700	777	**794**										**757**	**2,271**
Cost, Dollars	$637.43	$746.12	**$710.45**										**$698.00**	**$2,094.00**
Susquehanna River Pump Station														
Electric Transmission														
Total, kwH	1,200	1,200	**1,200**										**1,200**	**3,600**
Cost, Dollars	$63.60	$57.10	**$75.36**										**$65.35**	**$196.06**
Electric Generation														
Total, kwH	1,200	1,200	**1,200**										**1,200**	**3,600**
Cost, Dollars	$73.18	$73.27											**$73.23**	**$146.45**
Natural Gas														
Total, Cu Ft	644	496	**583**										**574**	**1,723**
Cost, Dollars	$586.53	$479.51	**$529.54**										**$531.86**	**$1,595.58**
Union Square Booster Station														
Electric Transmission														
Total, kwH	2,694	2,551	**2,257**										**2,501**	**7,502**
Cost,Dollars	$147.60	$158.85	**$119.83**										**$142.09**	**$426.28**
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	**2,367**										**2,506**	**7,518**
Cost, Dollars	$160.80	$123.89	**$133.47**										**$139.39**	**$418.16**
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	**0**										**576**	**1,727**
Cost, Dollars	$0.00	$6,767.33	**$0.00**										**$2,255.78**	**$6,767.33**
City Island Heat Trace														
Electric Transmission														
Total, kwH	136	149											**143**	**285**
Cost, Dollars	$3.88	$7.90											**$5.89**	**$11.78**
Electric Generation														
Total, kwH	136	149											**143**	**285**
Cost, Dollars	$61.97	$62.01											**$61.99**	**$123.98**
Expenditures YTD													**$98,156**	**$292,843**

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

Total Transmission	**$42,085**
Total Generation	**$7,090**
Total Refuse	**$1,529**
Total Gas	**$32,178**
Total Sewer	**$203,193**
Total Fuel Oil	**$6,767**
Total Utilities	**$291,314**

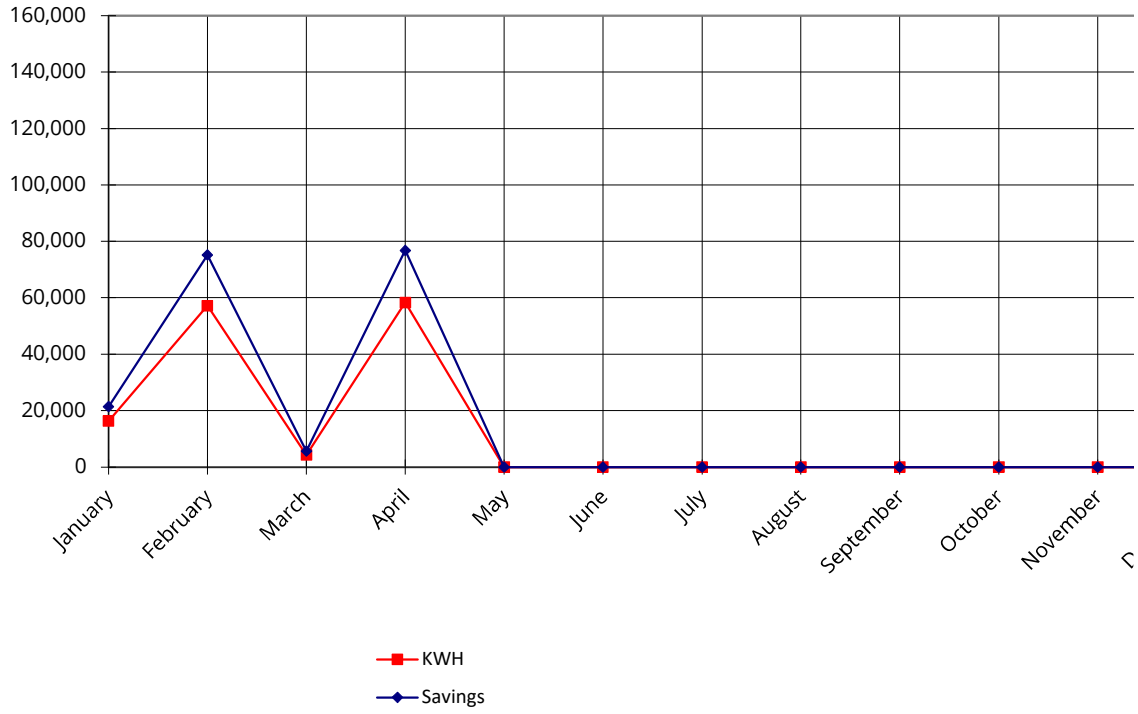
CAPITAL REGION WATER

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	**58,360**	**$8,637**
May		
June		
July		
August		
September		
October		
November		
December		
Average	**34,025**	**$5,036**
Year to Date	**136,100**	**$20,143**

* 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	**5,660**									**5,880**	**23,521**
Average, Chlorine Lbs./Day	199	199	191	**189**									**194.5**	
Average, Chlorine Dose, mg/L	3.1	3.2	3.1	**3.0**									**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	**$9,277**	$0	$0	$0	$0	$0	$0	$0	$0	**$3,212.58**	**$38,550.92**
Alum 48.5%														
Total Lbs.	34,165	33,986	35,289	**32,279**									**33,930**	**135,719**
Average, Alum, Lbs./Day	1,102	1,172	1,138	**1,076**									**1122.0**	
Average, Alum, mg/L	17.3	18.4	18.3	**18.2**									**18.1**	
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	**$3,906**	$0	$0	$0	$0	$0	$0	$0	$0	**$1,368.50**	**$16,422.00**
Lime														
Total Lbs.	0	0	0	**0**									**0**	**0**
Average Lime, Lbs./Day	0	0	0	**0**									**0.0**	
Average, Lime Dose, mg/L	0.0	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	**18,760**									**22,053**	**88,210**
Average Soda Ash, Lbs./Day	761	872	663	**625**									**730.3**	
Average, Soda Ash Dose, mg/L	12.0	13.7	10.7	**10.6**									**11.7**	
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	**$7,316**	$0	$0	$0	$0	$0	$0	$0	$0	**$2,866.83**	**$34,401.90**
Fluoride														
Total Lbs.	1,134	1,104	1,128	**1,185**									**1,138**	**4,551**
Average, Fluoride Lbs./Day	37	38	36	**40**									**37.7**	
Average, Fluoride (F-) Dose, mg/L	0.6	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	$333	**$350**	$0	$0	$0	$0	$0	$0	$0	$0	**$111.88**	**$1,342.55**
Sodium Hydroxide 50%														
Total NaOH 50% dry Lbs.	36,522	32,550	34,948	**34,506**									**34,632**	**138,526**
Average NaOH 50%, dry Lbs./Day	1,178	1,122	1,127	**1,150**									**1,144**	
Average, NaOH 50%, mg/L	18.6	17.7	18.4	**18.4**									**18.3**	
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	**$10,290**	$0	$0	$0	$0	$0	$0	$0	$0	**$3,442.37**	**$41,308.45**
Zinc Orthophosphate														
Total Zn3(PO4)2, wet Lbs.	4,660	4,368	4,460	**4,339**									**4,457**	**17,827**
Average Zn3(PO4)2, wet Lbs./Day	150	151	144	**145**									**147.6**	
Average, Zn3(PO4)2 Dose, mg/L	2.5	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	**$7,479**	$0	$0	$0	$0	$0	$0	$0	$0	**$2,560.60**	**$30,727.24**
Potassium Permanganate														
Total KMnO4, Lbs.	0	0	0	**0**									**0**	**0**
Average KMnO4, Lbs./Day	0	0	0	**0**									**0.0**	
Average, KMnO4 Dose, mg/L	0.0	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	$40,415.90	**$38,617.02**									**$40,688.26**	**$162,753.06**
Average Treated Cost per (MG)	$180.91	$188.10	$178.61	**$174.18**										
Total Treated Flow (MGD)	235.878	220.320	225.086	**207.279**										**888.563**
Average Treated Flow (MGD)	7.609	7.597	7.597	**6.909**										

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	**510**									**2,019**	**505**
Street Restorations	0	0	0	**0**									**0**	**0**
Leak Detection Assessment ***Percent of Distribution System***	8	8	8	**8**									**32**	**8**
Main Break Repair - Detected Non-Surfacing	0	0	0	**0**									**0**	**0**
Main Breaks Repaired - Emergency	3	4	5	**0**									**12**	**3**
Service Line Leaks Detected	0	0	0	**0**									**0**	**0**
Service Line Leaks Repaired	8	0	0	**6**									**14**	**4**
Valves - Exercised	0	1	14	**0**									**15**	**4**
Valves - Replaced	0	0	1	**0**									**1**	**0**
Hydrant Flow Tests	2	1	8	**9**									**20**	**5**
Hydrants Returned to Service	0	1	0	**0**									**1**	**0**
Water Tap - Disconnected	2	4	5	**0**									**11**	**3**
Water Tap - New Connection	0	0	3	**1**									**4**	**1**
Water Shutoffs - Other	13	12	10	**32**									**67**	**17**
Water Shutoffs - Non Payment	0	1	0	**27**									**28**	**7**
Water Restoration Turn on Other	20	13	19	**19**									**71**	**18**

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	**0**									**9**	**2**
	Leaking	3	0	1	**0**									**4**	**1**
	Frozen	2	5	0	**0**									**7**	**2**
	Non-registering	1	6	1	**0**									**8**	**2**
	Large Meters[1]	0	1	0	**0**									**1**	**0**
New Service	**New Installation**	0	0	1	**1**									**2**	**1**
Meter Service															
MXU's Replaced	**MXU's Replaced**	24	9	6	**0**									**39**	**10**
Batteries Replaced	**Batteries Replaced**	47	52	39	**1**									**139**	**35**
Meter Pits Serviced	**Meter Pits Serviced**	0	1	0	**0**									**1**	**0**
Meter Calibrations															
Small Meters[2]	**Calibrated meters**	0	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
Plant Use	**Plant Use**	22,330,000	21,930,000	31,240,000	**27,270,000**									**102,770,000**	**25,692,500**
Billed Metered Exported	**Bulk Water Hauling**	32,933	34,185	33,600	**989,873**									**1,090,591**	**272,648**
Billed Metered	**Hydrant Connections**	0	387	0	**0**									**387**	**97**
Billed Unmetered	**Hydrant Flow Tests**	4,000	1,800	10,849	**13,060**									**29,709**	**7,427**
Unbilled Unmetered	**Hydrant Flushing (and Unbilled Authorized)**	18,700	409,058	13,595	**1,756,950**									**2,198,303**	**549,576**
Leakage on Distribution Mains	**Main Leaks**	1,214,228	5,570,376	6,134,589	**0**									**12,919,193**	**4,306,398**
Leakage on Service Lines	**Service Leaks**	148,693	131,760	625,380	**1,744,982**									**2,650,815**	**662,704**
	Total	23,748,554	28,077,566	38,058,013	**31,774,865**									**121,658,998**	**30,414,750**

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Wastewater

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WASTEWATER DEPARTMENT
MONTHLY REPORT

Magnolia tree at the AWTF in full bloom.

April 2024

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

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AWTF Monthly Report

April 2024

Overview

In April, work continued on the AWTF's 5-Year Update of the EPA Risk Management Program, which was due May 1st. Various documents, SOPs, and inspection reports are reviewed and revised as a part of this exercise to ensure that CRW is handling the extremely hazardous chemical (chlorine) in a safe manner. It also documents that equipment is being maintained at prescribed intervals and that staff who interact with the chemical receive appropriate and regular training. EPA performed a rare on-site inspection in the spring of 2023 and CRW received an excellent review of our practices.

Recruitment also became a focal point in April with three open facility operator positions and one maintenance laborer opening. Interviews took place throughout the month, but the time commitment and determination of Human Resources and the hiring managers paid off. At the time of reporting, three of the four positions have been filled with only one operator vacancy remaining.

Operations

During the month of April, the AWTF met all monthly average NPDES requirements. One Dry Weather Overflows (DWO) and one Sanitary Sewer Overflow (SSO) were reported. Details are contained in the Field Operations section below.

Hydraulic loading to the AWTF averaged 31.9 million gallons per day (MGD) during the month with heavy rains driving the abnormal flow. Regardless, the treatment process achieved removal reductions of 90.7 percent CBOD, 89.5 percent Suspended Solids, 53.8 percent Phosphorus, and 93.3 percent Ammonia (Exhibit A).

The Contract Waste Hauling program collected $102,247.32 in revenue from 3,286,960 gallons discharged (Exhibit G). Despite turning away leachate from Modern Landfill, the program still hit the $100k mark for the month. Other sources of leachate are still driving revenue, but PFAS monitoring is currently underway and if other sources are identified and rejected from the program, it will put a hamper on the waste hauling program in the future.

The Cogeneration Facility experienced a run time of 14 percent in April. The unit was offline most of the month due to mechanical and electrical issues that were addressed near the end of the month.

Laboratory

- Continuing to work with the new Lab Technician to bring her up to speed with all the analysis. She has attained most of her IDOC's already and is progressing fast.

- Submitted response to PADEP for the biosolids violation due to not testing for PCB's. COC's have been corrected and training has been completed to correct the issue.
- Gathering data for upcoming laboratory audit in July.

Pretreatment

- Completed first quarter Self-Monitoring Report reviews for Industrial User's. Sent a letter of violation to Harrisburg Dairies for not reporting or resampling a pH limit violation in February.
- Sampled AWTF raw influent pre and post waste hauling discharge point to get preliminary background data on PFAS concentrations.
- Scheduled and started the first round of Industrial User compliance sampling by laboratory staff.

Plant Maintenance

- Removed wash boxes, cleared spray nozzles, and adjusted angles on Belt Filter Press.
- Installed new Teflon™ wear strips under press cloth on Belt Filter Press.
- Replaced chain adjusters on the North Gate actuator at the facility.
- Replaced Rotary Lobes on Scum Pump No. 2 at the Final Clarifier Pipe Gallery.
- Replaced screw auger and returned the screenings washer compactor and conveyor into service at Front Street Pump Station.
- Backfilled and cleared area around broken grease discharge line at the Grease Pit.
- Serviced the standby generator and performed full test load at Market Street and Spring Creek Pump Stations.
- Began installing new electrical devices to upgrade dehumidification of the pipe tunnel at the Pipe Gallery.
- Replaced cyclone liner on Grit Classifier No. 2 at the Pista Grit system.
- Installed new drive motor on Classifier Paddle Mixer No. 2 at the Pista Grit system.
- Rebuilt Classifier No. 3 Paddle Drive Gearbox at the Pista Grit system.
- Installed new stainless-steel hardware on Primary Tank No. 3 to attach top wear strip on the entire return rail at the Primary Clarifiers.
- Drained, cleaned, and realigned conveyance chain which dislodged from a jammed wear strip at the Primary Clarifiers.
- Packaged channel blower for Return Sludge Pump Station. Placed replacement order that has a 22-week lead time.
- Completed installation of Hoffman Blower No. 2 at the Settled Sewage Pump Station.
- Performed vehicle repairs in preparation for state Inspections.
- Provided weekly maintenance on JCB loader.
- Performed daily vehicular related repairs: bulbs, batteries, tires, A/C, lube oil and filters, and flat tires.
- Performed maintenance Tasks per request at 3003 N. Front Street Administrative Offices.

Field Construction

- Crew repaired 16 inlets in various locations throughout the city.
- Seven inlets were blanked in various locations throughout the city for solids and floatables control.
- Completed a storm pipe repair on the northeast corner of the intersection of North 15th and North Streets. Sixteen feet of pipe was replaced.
- Completed a storm pipe repair on the southeast corner of the intersection of N. 15th and North Streets. Twenty feet of pipe was replaced.
- Aided with the repair of a flow meter at the Front and Wiconisco Streets flood gate.
- Replaced a failing brick inlet box with a new precast concrete box and top at 2444 Mercer Street.

Field Operations

- Performed CCTV assessment of 3,907 (0.74 miles) of pipe.
- Flushed 4,994 feet (0.95 miles) of sewer pipe.
- Responded to five backup and overflow calls with one being CRW's responsibility. Rags and grease cause a blockage of a sewer main at Heather Place. The blockage was promptly removed, and the surrounding area was cleaned up.
- Responded to 14 sinkhole calls with one being the responsibility of the Wastewater department and one being responsibility of the Drinking Water department.
- There was one dry weather overflow this month which occurred during hydrant flushing. While flow rates during flushing were not particularly elevated, the overflow quickly ended once flushing was completed. The hydrant has been noted for consideration during next year's flushing.
- Cleaned six inlets in various locations throughout the city.
- Monitored the 22nd and Kensington site for proper bypass pumping operation.
- Completed 45 CSO PM's.
- Located 27 buried manholes for engineering.

Street Sweeping

- Received one complaint/inquiry in the month of April 2024. It was resolved.
- Completed 579 miles of scheduled street sweeping within the City of Harrisburg.
- Water usage this month was 7,100 gallons.
- Continued to assist cleaning storm inlets in scheduled sweeping areas.
- Attending the Green Stormwater Infrastructure meetings when scheduled.
- When the days of the month fall on a fifth week, there is no scheduled sweeping. CRW swept an addition 30 miles at Cameron Street, cleaned intersections and ramps on 17th and 19th Streets,

State and Mulberry Bridges and side ramps. Also, swept the WSC and AWTF access roads and the Market and Front Street Pump Stations.

Environmental Compliance

- Conducted 41 inspections of FOG discharge establishments.
  - 12 follow-ups
  - Two are temporarily closed.
  - One permanently closed.
  - Updated asset viewer attributes
  - Mailed out 26 new FOG Permits
- Attended the Delaware USDA Fog Abatement: Business and Implementation Webinar for 6.5 hours and received Training Certificate
- Received one hour of training in AGOL by a member of the Engineering department.
- Conducted two investigations this month:
  - A salt storage site was not properly contained to prevent runoff. Salt accretion traveled into a nearby storm inlet. Potentially causing, if not, hazard to storm drain system or waterways and preventative regrowth of neighboring vegetation.
    - CRW is citing the owner with Notice of Violation (NOV) for corrective action plan.
  - An HVAC company created an earth disturbance by clearing vegetation to create a dumping site and makeshift outfall. The company did not receive a permit to do so. Due to the increased compacted site, CRW's Stormwater Fee would have increased and reflected a new rate for company.
    - CRW is planning to cite the company with Notice of Violation (NOV) and request a corrective action plan.
    - Reported the issue to City Codes, MPDS, and PADEP aware.
- Attended Stormwater Operations department development meeting.

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Wastewater Exhibits

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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	**31.9**									28.4	37.7
Carbonaceous Biochemical Oxygen Demand														
Influent, mg/L	106	119	106	**97**									107	-----
Effluent, mg/L	4	3	4	**5**									4	25
Percent Removal, %	95.2	97.7	94.7	**90.7**									94.6	-----
Effluent Loading, lb/d	1,119	509	1,162	**1,955**									1,186	7,860
Suspended Solids:														
Influent, mg/L	128	153	141	**141**									141	-----
Effluent, mg/L	5	3	10	**8**									7	30
Percent Removal, %	95.2	97.8	87.4	**89.5**									92.4	-----
Effluent Loading, lb/d	1,506	650	3,306	**3,296**									2,190	9,433
Nitrogen														
Total-N														
Influent, mg/L	20	24	23	**19**									22	-----
Effluent, mg/L	8.7	6.3	5.7	**5.6**									7	Monitor
Percent Removal, %	56.3	73.6	76	**70.5**									69.0	-----
Effluent Loading, lb/d	2,207	1,229	1222	**1,705**									1,591	-----
NH3-N														
Influent mg/L	10	13	12	**11**									11	-----
Effluent, mg/L	0.4	0.4	0.8	**0.7**									1	11 (2)
Percent Removal, %	95.8	97.0	93.2	**93.3**									94.8	-----
Effluent Loading, lb/d	105	80	182	**176**									136	4,716
Phosphorus:														
Influent, mg/L	2.9	2.9	2.6	**2.5**									2.7	-----
Effluent, mg/L	1.1	1.1	1.0	**1.0**									1.1	2.0
Percent Removal, %	61.2	61.2	58.3	**53.8**									58.6	-----
Effluent Loading, lb/d	207	2	223	**248**									170	629
pH:														
Influent, Std. Units	7.5	7.5	7.5	**7.5**									7.5	-----
Effluent, Std. Units	7.4	7.4	7.4	**7.3**									7.4	6.0 - 9.0
Dissolved Oxygen:														
Effluent Minimum, mg/L	6.1	6.2	6.2	**7.6**									6.5	5.0 Min.
Fecal Coliform:														
Effluent, No./100 ml	361.4	235.7	302.4	**543**									361	200/100 ml (1)
Chlorine Residual:														
Effluent, mg/L	0.19	0.17	0.20	**0.20**									0.19	0.50

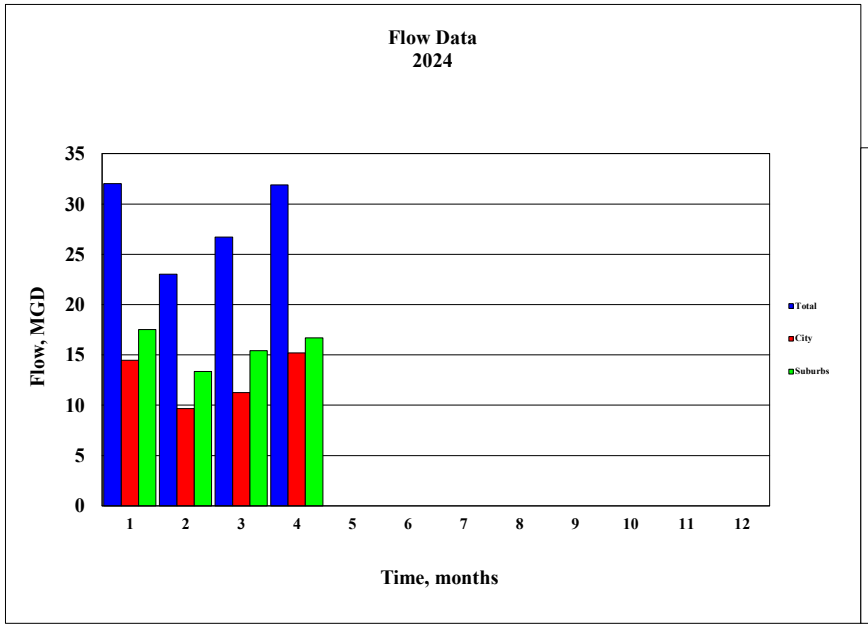
(1) Seasonal limit 2,000/100 ml Oct. 1 to Apr. 30 and 200/100 ml May 1 to Sept. 30.
(2) Seasonal Limit May 1 to Nov.1.

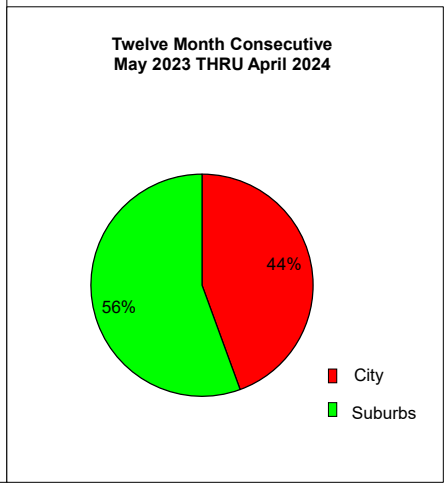
EXHIBIT B

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	**31.900**	**15.200**	**16.700**	**12.600**	**0.250**	**0.300**	**1.450**	**0.600**	**1.900**	**5.850**	**2.870**	**5.360**	**0.720**	**5.320**
May														
June														
July														
August														
September														
October														
November														
December														
Average	28.40	12.65	15.75											4.93
Percent	100.00	44.53	55.47											19.70





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	1,146,900	1,227,600	*									905,925	3,623,700
Average, kwH/Day	40,297	39,548	39,600	*										-------
Cost, Dollars	$72,289.80	$70,230.87	$70,185.76	*									$53,176.61	$212,706.43
Natural Gas														
Total, Cu Ft	513.6	685.5	609.3	*									452	1,808
Average, Cu Ft/Day	17	24	20	*										-------
Cost, Dollars	$4,613.64	$6,641.81	$4,673.91	*									$3,982.34	$15,929.36
Water														
Total, Gal.	889,000	825,000	*	*									857,000	1,714,000
Average, Gal./Day	28,677	26,613	*	*										-------
Cost, Dollars	$12,810.85	$12,129.25	*	*									$6,235.03	$24,940.10
MicroC														
Total, Gal.	0	0	0	**0**									0	0
Average, Gal./Day	0.0	0.0	0.0	**0.0**									0	-------
Cost, Dollars	$0	$0.00	$0	**$0**									$0.00	$0.00
Sodium Hydroxide														
Total, Gal.	0	0	0	**0**									0	0
Average, Gal./Day	0	0	0	**0**									0	-------
Cost, Dollars	0	0	0	**0**									$0.00	$0.00
Chlorine Disinfection														
Total, Lbs.	13,145	8,990	10,980	**8,430**									10,386	41,545
Average, Lbs./Day	424	310	354	**281**									342	-------
Avg Residual, mg/L	0.19	0.17	0.20	**0.20**									0.19	-------
Cost, $/Lbs.	$1.64	$1.64	$1.64	**$1.64**									$1.64	-------
Total Cost, Dollars	$21,557.80	$14,743.60	$18,007.20	**$13,825.20**									$17,033.45	$68,133.80
Phosphorous Removal														
Total FeCl3, Gals.	1,660	1,445	1,367	**1,238**									1,428	5,710
Avg FeCl3, Gals./Day	54	50	44	**41**									47	-------
FeCl3 Cost, $/Gal.	$1.74	$1.74	$1.74	**$1.74**									$1.74	-------
FeCl3 Total Cost, Dollars	$2,888.05	$2,514.30	$2,378.58	**$2,154.12**									$2,483.76	$9,935.05

*** No data at time of report**

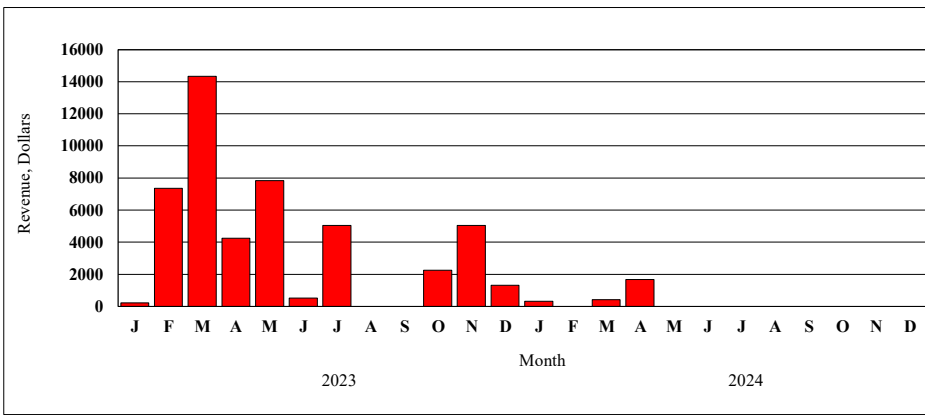
CAPITAL REGION WATER

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	**14**	**480**	**14,400**	**$1,684.08**
May 2024				
June 2024				
July 2024				
August 2024				
September 2024				
October 2024				
November 2024				
December 2024				
Total - 2024			20,700	$2,420.87
Monthly Average - 2024	5	171	5,175	$605.22



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	**1,086,920**									602,971	2,411,883
CWH Program, Lbs.	602,885	682,243	717,826	**266,504**									567,365	2,269,459
Total Solids, Lbs.	1,145,741	886,233	1,295,944	**1,353,424**									1,170,336	4,681,342
Sludge Dewatering														
Feed Volume, Gals.	3,466,000	3,659,000	4,085,000	**3,870,000**										
Feed Solids, %	2.2	2.1	1.7	**2.0**									2.0	8.0
Labor, Hours	959	1,062	1108	**1074**									1,051	4,203
Operations, Hours	520	548	579	**564**									553	2,212
Total Cake, Dry Tons	184	212	147	**165**									177	708
Total Cake, Wet Tons	1,201	1,325	992	**1,012**									1,133	4,530
Cake TS, %	16.1	16.0	16.1	**16.3**									16.1	64.5
Press Rate, Lbs./Hour	4,617	4,836	3,428	**3,586**									4,117	16,466
Polymer Dosage, Lbs	3,069	3,736	3,472	**3,587**									3,466	13,864
Polymer Dosage, Lbs/Dry Ton	16.7	19.8	26.6	**23.2**									21.6	86.2
Disposal Cost														
Labor, Dollars	$18,435.82	$20,415.48	$21,297.68	**$20,638.44**									$20,196.86	$80,787.43
Electrical,Dollars	$228.93	$241.12	$254.67	**$248.34**									$243.27	$973.06
Polymer, Dollars	$5,984.55	$7,285.20	$6,770.40	**$6,994.65**									$6,758.70	$27,034.80
Disposal, Dollars	$40,940.90	$33,387.70	$35,166.10	**$40,832.00**									$37,581.68	$150,326.70
Total Cost, Dollars	$65,590.21	$61,329.50	$63,488.85	**$68,713.42**									$64,780.50	$259,121.99
Cost Per Dry Ton, Dollars	$356.47	$289.29	$431.90	**$416.44**									$373.53	$1,494.10

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	151,200	172,800	169,200	*									164,400	493,200
Average, kwH/Day	4,877	5,959	5,458	*									5,431	-----
Cost, Dollars	#######	$10,711.75	$10,285.01	*									$10,493.36	$31,480.08
Fuel Oil														
Total, Gals.	0	0	0	**0**									0	0
Average, Gals./Day	0	0	0	**0**									0	-----
Cost, Dollars	$0.00	$0.00	$0.00	**$0.00**									0	$0.00
Water														
Total, Gals.	416,000	314,000	*	*									365,000	730,000
Average, Gal./Day	13,419	10,828	*	*									12,123	-----
Cost, Dollars	$5,126.92	$4,040.62	*	*										$9,167.54
Spring Creek Pump Station														
Electric														
Total, kwH	77,120	80,000	76,800	*									77,973	233,920
Average, kwH/Day	2,488	2,759	2,477	*									2,575	-----
Cost, Dollars	$5,819.27	$5,979.67	$5,414.43	*									$5,737.79	$17,213.37
Fuel Oil														
Total, Gals.	0	0	0	**0**									0	0
Average, Gals./Day	0	0	0	**0**									0	-----
Cost, Dollars	$0.00	$0.00	$0.00	**$0.00**									$0.00	$0.00
Water														
Total, Gals.	115,000	93,000	*	*									104,000	208,000
Average, Gal./Day	3,710	3,207	*	*									3,458	-----
Cost, Dollars	$1,300.74	$1,066.44	*	*									$1,183.59	$2,367.18
Market Street Pump Station														
Electric														
Total, kwH	1,320	1,440	1,080	*									1,280	3,840
Average, kwH/Day	43	50	35	*									42	-----
Cost,Dollars	$164.58	$165.42	$158.54	*									$162.85	$488.54
Fuel Oil														
Total, Gals.	0	0	0	**0**									0	0
Average, Gals./Day	0	0	0	**0**									0	-----
Cost, Dollars	$0.00	$0.00	$0.00	**$0.00**									$0.00	$0.00
City Island Pump Station														
Electric														
Total, kwH	40	40	40	*									40	120
Average, kwH/Day	1	1	1	*									1	-----
Cost, Dollars	$64.23	$62.02	$65.06	*									$63.77	$191.31

*** 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	**3,041,860**	**$93,459.72**	**245,100**	**$8,787.60**	**3,286,960**	**$102,247.32**
May						
June						
July						
August						
September						
October						
November						
December						
Total - 2024	12,035,650	$563,514.15	773,900	$27,670.50	12,809,550	$591,184.65
Monthly Average - 2024	3,008,913	$140,878.54	193,475	$6,917.63	3,202,388	$147,796.16