

Ensure Financial Stability	
Reconciled Bank Account Balances	Refer to attached Reconciled Bank Account Balances as of 3/31/2023.
Monthly Financial Statements	Provided separately to Board of Directors.
Monthly Financial Dashboard	Provided separately to Board of Directors.
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.
Grant Management	Refer to attached Grant Management Report.
Ensure Revenues are Consistent with System Usage	
Water Shut-offs	There were 0 water shut-offs for non-payment, and 21 service shut-off requests.
Repair/Replace Meters/MXUs/Batteries	Drinking Water Distribution staff replaced 18 water meters, replaced 113 batteries, and 40 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	No update.
Obtain and Comply with Individual MS4 Permit	No update.
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. Two Dry Weather Overflows were reported. Details can be found in the AWTF Monthly Report for March.
Notice of Violations (NOVs)	There were no NOVs received by the Wastewater department in March.
	There were no NOVs received by the Drinking Water department in March.
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 7,933 feet (1.5 miles) of sewer pipes were assessed by CCTV footage during the month of March. A total of 3,238 feet (0.61 miles) of sewer pipe were flushed as well.
Incident Response	Wastewater responded to seven (7) backup and overflow calls from residents during the month of March. Responsibility for one (1) is still being investigated. All others were cleared of CRW responsibility.
Geographic Information System (GIS)	<ul style="list-style-type: none"> • Twenty-one (21) Pennsylvania One Call tickets were completed. Fifteen (15) required maps and six (6) had no CRW-owned facilities in the project area. • Bi-weekly meetings were held with KCI Technologies, Inc. • Progress continues with the development of the ESRI "Lead Service Line Inventory Solution". • Approximately 130 assets were GPS'd. • Attended Operations (OPS) Challenge practice four (4) Fridays in March.
Cityworks	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
Asset Management	<p>Asset Management Roadmap Implementation task order Phase 1, Year 2 activity report:</p> <p>Decision Making Capital Planning Roadmap Implementation Group (RIG)</p> <ul style="list-style-type: none"> • Documentation of design requirements finalized and prepared for integration into the Strategic Asset Management Plan by review and approval from the Roadmap Development Team. <p>Information System Data Management Roadmap Implementation Group RIG</p> <ul style="list-style-type: none"> • Integrating the commissioning and decommissioning process workflow with the newly developed design requirements. <p>Operations & Maintenance Roadmap Implementation Group RIG</p> <ul style="list-style-type: none"> • Progress continues with the development of the Collection System Asset Management Plan (Collections AMP). • Kickoff meeting was held on 4/20/2023 to establish data process to update asset inventory and perform condition assessment during the wastewater plant asset inventory pilot. <p>Organizational Framework Roadmap Implementation Group RIG</p> <ul style="list-style-type: none"> • Preliminary preparation for Roadmap Development Team meeting is under way. <p>Asset Management Collaboration: Lead service line inventory working group met on 4/4/2023, during which the Superintendent of Water Operations was briefed on the status of inventory and current activities. The 3/27/2023 dashboard development meeting focused on performance measures identified in the draft Collection System Asset Management Plan and American Water Works Association (AWWA) survey performance indicators. Verified and submitted CRW's 2023 AWWA Benchmarking Utility Survey results on 4/3/2023.</p>
Development Review Summary	For details, see attached Development Stormwater Management Review Summary spreadsheet for March.

Undertake Capital Improvement Projects - Refer to attached Capital Improvement Projects Report	
Professional & Contractor Services	<p>Recommend Board approval of the following Resolutions, Task Orders, Change Orders and Agreements:</p> <p>Drinking Water:</p> <ul style="list-style-type: none"> Resolution No. 2023-008 [REDACTED] Eminent Domain for the Arsenal Boulevard Sewer Improvements Project Task Order 2023-09-01: Forest Management Services [REDACTED] <p>Wastewater:</p> <ul style="list-style-type: none"> Change Order No. 1 - 2023 Sewer System Improvements Project [REDACTED] (Excavation Contract) Change Order No. 18 (Final) AWTF Primary Digester Rehabilitation Project [REDACTED] (Contract No. 1) <p>Stormwater: None.</p>
Stormwater O&M Agreements	Recommend Board approval of the following: None.
AWTF Primary Digesters Rehabilitation	Refer to the agenda for the final change order for Contract No. 1 (General Construction). Contract Nos. 2 and 3 are expected to be closed out in May 2023.
AWTF Energy Recovery Improvements	The project team is researching the Inflation Reduction Act and the possibility for tax credits. Progress continues on the necessary agreements with UGI Energy Services. Permit applications are being reviewed by PADEP.
Front Street Pumping Station Improvements	Contract No.1 (General Construction) is expected to be closed out in May. Contract Nos. 2, 3 and 4 have now been closed out.
WSC Flocculator Equipment Replacement	The contractors are addressing punch list items. Project close out is expected in May 2023.
Undertake Renewal and Replacement Projects	
2022 Water System Improvements	Installation of water main continues in the Sylvan Terrace neighborhood. The project is approximately 50% complete.
Cameron Street Water Main - Phase 4	PENNVEST settlement originally scheduled for 5/9/2023 has been postponed.
2023 Sewer System Improvements (Excavation)	The contractor continues construction with inlet replacement along 15th Street.
2023 Sewer System Improvements (Trenchless)	The contractor continues to provide submittals for approval before physical construction can begin rehabilitation work.
Arsenal Boulevard Sewer	No update. We are working with property owners to acquire temporary and construction easements needed before advertising the project.
Front Street Interceptor Rehabilitation - Phase 2	The contractor began cured in place piping (CIPP) lining activities in late March and has installed nine (9) of the fourteen (14) liners in Phase 1 (Forster Street to Front Street Pumping Station). Phase 1 lining is planned to be completed before the end of April, at which time the contractor will begin restoration in Riverfront Park.
Water Facility Maintenance	Drinking Water Maintenance staff performed repairs to various process units as described in the Drinking Water Department Monthly Report for March.
Wastewater Facility Maintenance	The Wastewater Maintenance group completed various repairs throughout the AWTF, pumping stations, and at the North Front Street office building throughout the month of March. A narrative is provided in the Wastewater Department Monthly Report for March.
Sinkhole Program	Four (4) sinkholes were investigated by CRW in the month of March. One (1) was due to failure of a wastewater asset.
Inlet Cleaning	A total of 209 stormwater inlets were cleaned during the month of March, and 205 stormwater inlet inspections were performed.

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 MUs 20, 34, 36, and 37 (approximately 155 acres). Harvest will improve forest health and release regeneration of a more desirable understory.
Sustainability	Development of a Request for Proposals (RFP) is underway for a solar project. Water loss audits for 2022 were completed. The annual Source Water Protection Program update was submitted to PADEP.
Internal Communications	Intranet (Sharepoint) site continues to be used. The Q2 internal newsletter, The Daily Flow, was released.
Inform and Listen to Customers and Encourage Stewardship of our Systems	
Media Relations - Press and Social Media	<p>PRESS RELEASES: N/A.</p> <p>SOCIAL MEDIA TOPICS: Facebook: 0 New Organic Followers (1,611 Total). Seven (7) Posts ; Highest Engaged Post: "CRW Recent Drinking Water Concerns" (262 Reachs, 4 Reactions, 4 Likes, 0 Comments, 4 Shares); Other topics: Litter Cleanup "Thank You", Employee of the Month: Maynard, Front Street Interceptor Improvements project update, and Board meeting.</p> <p>Twitter: 0 Tweets; Month overview: 165 total Impressions; 224 Profile Visits; -7 New Followers; 1 Mentions.</p> <p>Instagram: 10 New Followers (692 Total), Seven (7) Posts; Highest Engaged Post: "CRW Recent Drinking Water Concerns" 97 Organic Reachs, 4 likes, 1 comment, 2 shares, 0 saves.</p> <p>2023 Demographics: Most Active Age-range: 25-54; Gender division: 62% women / 37% Men; Locations: Harrisburg, Penbrook, Mechanicsburg, Steelton, Linglestown, Camp Hill and Lancaster.</p>
Community Relations	<p>Community Outreach:</p> <ul style="list-style-type: none"> • Four (4) community events (CRW Community Ambassadors/City Beautiful H2O Presentation to Environmental Stakeholders, Front Street Interceptor Improvements Event Stakeholders Meeting, Love the Hill Community Cleanup, and Peace-Unity-Strenth-Hope (P.U.S.H.) Uptown Litter Cleanup). • Four (4) community meetings (Dauphin County Recycling, Harrisburg Young Professionals of Color, Harrisburg Community Council, and Retail Business Services). • Delivered nine (9) door-to-door notifications impacting approximately five hundred twenty-two (522) customers. Included nine (9) project notifications. • Zero (0) Everbridge alerts.
Public Communications	WHAT'S ON TAP COMMUNICATION: The March monthly bill stuffer was distributed as a bill insert. Topics included: "CRW agreement in Modifications to Partial Consent Decree, update to North Front Street Interceptor project, and new rates reminder.
Diversity	No update.

Administrative	
Risk Management	<p>Executive Summary:</p> <p>Total Claims: 12 New: 3 Open: 6 Closed: 3</p> <p>Insurance Line Claim Count: Auto: 1 General Liability: 6 Public Officials: 1 Workers Compensation: 4</p>
Human Resources	For details, see attached Recruiting Status Report.
Procurement	<p>Procurement staff are coordinating the following bid packages on PennBid:</p> <ul style="list-style-type: none"> • Project Number 2023-201 - Basin Perimeter Safety Speed-Rail® Railing System at Water Services Center: Published/Issued - 4/4/2023, Mandatory Pre-Bid Meeting - 4/12/2023 @ 11:00 a.m., Bid Opening - 4/18/2023 @ 12 PM. • Project Number 2023-202 - Filter Building Window Glass Replacement at Water Services Center: Published/Issued - 4/18/2023, Mandatory Pre-Bid Meeting - 4/26/2023 @ 11:00 a.m., Bid Opening - 5/2/2023 @ 12 PM. • Project Number 2023-203 - Maintenance Building Window Replacement at Water Services Center: Bid Documents are being finalized for uploading, publishing, and bid opening throughout the month of May. • Project Number 2023-204 - Switchgear Replacement and Feeder Cables at AWTF: Bid Documents are being finalized for uploading, publishing, and bid opening throughout the month of May. • Project Number 2023-205 - Roof Replacements on Control and Hydrogritter Buildings at AWTF: Bid Documents are being finalized for uploading, publishing, and bid opening throughout the month of May. <p>Procurement Specialist is obtaining quotes for IT equipment purchases.</p> <p>Procurement staff continue to identify and assist in establishing contracts that include fixed rate pricing and discounts with frequently used vendors for goods and services.</p> <p>Recommend Board approval of the following:</p> <ul style="list-style-type: none"> • Procurement of Belt Filter Press Grinder from [REDACTED] through COSTARS.

<p>Office Management and Admin Professional</p>	<p>Incoming Correspondence Report: Refer to attached Incoming Correspondence Report for March 2023.</p> <p>Street/Sidewalk-Cut Permits: Two (2) Drinking Water permits were issued. One (1) Drinking Water permit was successfully completed, inspected, and closed by the City of Harrisburg's Engineer.</p> <p>Fleet Management (Acquisitions): Procurement Specialist assisted Drinking Water and Wastewater facility supervisors in procuring:</p> <ul style="list-style-type: none"> • C-90 - Salt Spreader • C-100 - Air Compressor (CRW accepted delivery 3/8/2023 - pending title paperwork needed) • C-101 - Zero Turn Mower w/60" deck • G-87 - Zero Turn Mower w/60" deck • G-89 - Zero Turn Mower w/72" deck <p>Fleet Management (Pending Dispositions thru Municibid): [REDACTED]</p> <p>Drinking Water:</p> <ul style="list-style-type: none"> • C-00 - 1989 Grumman 17' 4-Person Boat - 50 HP. Bid on Municibid. [REDACTED] • C-14 - 2009 Ford Escape Hybrid. Bid on Municibid. [REDACTED] • C-15 - 2009 Chevrolet Cobalt. Bid on Municibid. [REDACTED] • C-16 - 1999 GMC C8500 Service Truck w/Utility Body. Bid on Municibid. [REDACTED] • C-17 - 1989 Tracker Marine 16' 4-Person Sportsmen Model Boat - 20 HP. Bid on Municibid. [REDACTED] • C-19 - 2009 Ford F-250 Pickup Truck w/Utility Body. Bid on Municibid. [REDACTED] • C-47 - 1986 Protecto Flash Model 85 Traffic Signboard. Bid on Municibid. [REDACTED] <p>Wastewater:</p> <ul style="list-style-type: none"> • G-17 - 2008 Chevrolet Pickup Truck w/Utility Body. Bid on Municibid. [REDACTED] • G-20 - 2008 Chevrolet 3/4 Ton Pickup Truck. Bid on Municibid. [REDACTED] • G-26 - 2006 EZGO Model TXT Gas Cart (Maintenance Division Golf Cart). Bid on Municibid. [REDACTED] • G-27 - 2006 EZGO Model TXT Gas Cart (Operations Division Golf Cart). Bid on Municibid. [REDACTED] • G-28 - 2004 Toro 72" Cut Z-Master Commercial Mower Model #74246. Bid on Municibid. [REDACTED] • G-34 - 2013 Toro 60" Cut Z-Master Professional Mower Model #74926. Bid on Municibid. [REDACTED] • G-35 - 2013 Toro 48" Cut Z-Master Professional Mower Model #74901. Bid on Municibid. [REDACTED] • G-37 - 1989 John Deere 40" Cut Tractor Mower Model #332. Bid on Municibid. [REDACTED] <p>Pending Confirmation:</p> <ul style="list-style-type: none"> • Hydraulic Pump @ Front Street Pump Station. • Dump Trailer. <p>Recommend Board approval of the following:</p> <ul style="list-style-type: none"> • None
<p>Right-to-Know Requests</p>	<p>CRW has received and responded to zero (0) Right-to-Know requests during the period 3/16/2023 through 4/19/2023. 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,</p> <p>OOR Training: No update.</p>



Reconciled Bank Account Balances

Unrestricted Cash Accounts	Balance	APY	Bank	
ADMIN				
Business Checking-6908	\$ 94,112.26	0.65%	First National Bank	
Money Market-Admin-0621	\$ 100,698.25	3.81%	First National Bank	
FNB Lockbox-6393	\$ 9,949.72	0.0000%	First National Bank	
General Account-7892	\$ 558,618.00	0.00%	First National Bank	
Project Fund-6990	\$ 439,622.70	3.81%	First National Bank	
WATER				
Water Revenue Fund-6833	\$ 423,192.90	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Water-0639	\$ 5,837,351.70	3.81%	First National Bank	
Water 2022 Pennvest-1878	\$ 8,251.30	0.00%	First National Bank	
SEWER				
Sewer Revenue Account-5819	\$ 630,708.13	0.00%	First National Bank	Earnings Generated offset fees for Services
Money Market-Sewer-0589	\$ 6,950,843.43	3.81%	First National Bank	
Sewer 2021 Pennvest-5846	\$ 36,612.94	0.00%	First National Bank	
Sewer Pennvest-3642	\$ 43,230.92	0.00%	First National Bank	
Sewer 2022 Pennvest-6430	\$ -	0.00%	First National Bank	
STORMWATER				
Stormwater Revenue Account-8814	\$ 567,533.65	0.00%	First National Bank	Earnings Generated offset fees for Services
Stormwater Money Market-4633	\$ 1,876,958.65	3.81%	First National Bank	
Stormwater Pennvest-0241	\$ 35,038.36	0.00%	First National Bank	
Restricted Cash Accounts				
WATER				
Water Operation Reserve Account-6841	\$ 1,837,067.91	3.81%	First National Bank	
Water Contingency Account-6866	\$ 1,461,245.73	3.81%	First National Bank	
Water Contingency Subaccount -0328	\$ 1,900,040.12	3.81%	First National Bank	
Water 2016A Debt Service Reserve-517295	\$ 6,012,622.52	4.670%	Bank of New York	
Water 2016A Debt Service Fund-517296	\$ 4,084,861.33	4.670%	Bank of New York	
Water 2018 Debt Service Reserve-763549	\$ 4,341,537.21	4.670%	Bank of New York	
Water 2018 Debt Service Fund-763548	\$ 497,918.21	4.670%	Bank of New York	
Water 2018 Bond-Construction-763594	\$ 4.93	4.670%	Bank of New York	
SEWER				
Wastewater 2017 Debt Service Reserve-721503	\$ 2,982,036.39	4.67%	Bank of New York	
Wastewater 2017 Debt Service Fund-721387	\$ 918,597.19	4.67%	Bank of New York	
Investment Accounts				
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 2023	\$ 500,000.00	4.130%	PLGIT	\$500,000 increment
PLGIT Investment June 2023	\$ 500,000.00	4.640%	PLGIT	
PLGIT Investment June 2023	\$ 500,000.00	5.040%	PLGIT	
PLGIT Investment Aug 2023	\$ 500,000.00	4.870%	PLGIT	
PLGIT Investment Sept 2023	\$ 500,000.00	5.040%	PLGIT	
PLGIT Investment Oct 2023	\$ 500,000.00	5.390%	PLGIT	
PLGIT Investment Nov 2023	\$ 500,000.00	5.250%	PLGIT	
PLGIT Investment Dec 2023	\$ 500,000.00	5.140%	PLGIT	
PLGIT Investment Feb 2024	\$ 500,000.00	4.980%	PLGIT	
Water CD Apr 2023-2600	\$ 1,000,000.00	3.4355%	First National Bank	
Water CD July 2023	\$ 500,000.00	5.2900%	First National Bank	
Water CD Aug 2023-0604	\$ 500,000.00	5.340%	First National Bank	
Water CD Sept 2023-0619	\$ 1,000,000.00	5.000%	First National Bank	
Water CD Oct 2023	\$ 500,000.00	5.0400%	First National Bank	
Water CD Nov 2023	\$ 500,000.00	5.0400%	First National Bank	
Water CD Feb 2024	\$ 1,000,000.00	5.0000%	First National Bank	
Water CD Mar 2024	\$ 1,000,000.00	4.5400%	First National Bank	
SEWER				
Plgit Investment July 2023	\$ 500,000.00	4.900%	PLGIT	
Sewer CD May 2023	\$ 500,000.00	5.19000%	First National Bank	
Sewer CD July 2023	\$ 500,000.00	5.0400%	First National Bank	
Sewer CD Nov 2023	\$ 500,000.00	5.0000%	First National Bank	
STORMWATER				
Stormwater CD July 2023	\$ 500,000.00	5.040%	First National Bank	
Stormwater CD July 2023	\$ 500,000.00	5.040%	First National Bank	



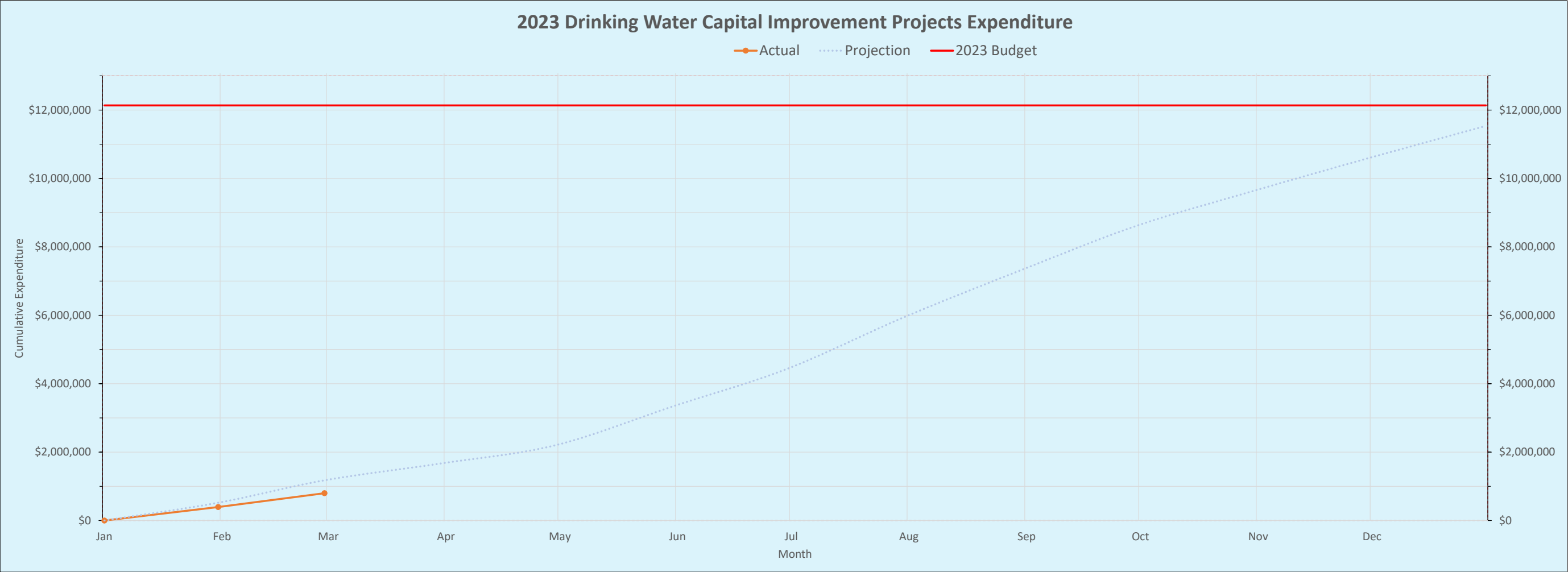
Grant Management Report

GRANT OVERVIEW											
Funding	Program	Project	Proposal Due Date	Anticipated Announcement Date	Date of Notification	Request Amount	Request Type (Cash vs. Loan)	CRW Matching Amount	\$\$\$ Awarded	Loan Disbursed	Rationale/Notes
Capital Region Water's Pending Grant & Loan Applications											
FY23 Community Project Funding Appropriations Request	Green Stormwater Infrastructure	Riverfront Park Green Infrastructure Project	4/25/2022	TBD	TBD	\$2,000,000	Cash	\$600,000	TBD	\$0	
Department of Community and Economit Development	COVID-19 ARPA H2O PA - Small Water Supply, Sanitary Sewer and Storm Water Projects	Paxton Creek Interceptor Site Preparation Project	12/21/2022	Mid to late 2023	TBD	\$10,500,000	Cash	\$5,275,105	TBD	\$0	
National Fish and Wildlife Foundation	Chesapeake Bay Innovative Nutrient and Sediment Reduction Grant	Enhancing Community Connections Through Clean Water Project	11/17/2022	3/1/2023	TBD	\$1,000,000	Cash	\$300,000	TBD	\$0	
Susquehanna River Basin Commission (SRBC)	2023 Comsupptive Use Mitigation Grant Program	Advanced Metering Infrastructure Upgrade Project	1/31/2023	April 2023	TBD	\$250,000	Cash	\$2,070,000	TBD	\$0	
SUB TOTALS						\$13,750,000		\$8,245,105		\$0	
Capital Region Water's Awarded Grant, Loan and Bond Proceeds											
PENNVEST	Infrastructure (Projects)	ProFi Wastewater Infrastructure Loan	COMPLETED	10/21/2020	10/21/2020	\$65,000,000	Loan	\$1,000,000	\$65,000,000	\$1,283,951	Phase 1 settlement occurred on 7/7/2022
PENNVEST	Infrastructure (Projects)	ProFi Wastewater Collection System Rehab Loan	COMPLETED	9/2/2021	9/2/2021	\$21,000,000	Loan	\$500,000	\$21,000,000	\$3,408,785	\$134,917 to be submitted for reimbursment prior to 4/30/23
PENNVEST	Infrastructure (Projects)	ProFi Green Infrastructure PENNVEST Loan	COMPLETED	10/16/2019	10/16/2019	\$13,000,000	Loan	\$0	\$13,000,000	\$3,431,395	Phase 4 closed on 2/7/2023 for \$5,199,249 \$243,147 submitted for reimbursement on 4/14/23
PENNVEST	Infrastructure (Projects)	Front Street Pump Station Upgrade	COMPLETED	7/18/2018	7/18/2018	\$11,136,900	Loan	\$0	\$11,136,900	\$10,580,055	\$556,748 is PENNVEST holdback amount for project
Impact Harrisburg (IH)	Local Stormwater	Project with City of Harrisburg Parks & Rec.	COMPLETED	11/16/2017	11/16/2017	\$250,000	Cash	\$200,000	\$250,000	\$177,030	Project complete and all funding as it relates to the IH, COH, and CRW Parks Project received
PENNVEST	Infrastructure (Projects)	ProFi Drinking Water System Improvements	COMPLETED	4/20/2022	4/20/2022	\$41,622,000	Loan	\$0	\$41,622,000	\$630,013	Phase 2 settlement scheduled for 5/9/23 \$18,551 submitted for reimbursement on 4/14/23
FEMA	Coronavirus (COVID-19) Pandemic: Safe Opening and Operation Work Eligible for Public Assistance	FEMA COVID Relief	COMPLETED	7/13/2021	7/13/2021	\$103,258	Cash	\$0	\$103,258	\$92,933	Awarded on 2/7/2022
SUB TOTALS						\$152,112,158		\$1,700,000	\$110,386,900	\$19,604,162	
Capital Region Water's Not Awarded Grants & Loans											
Susquehanna River Basin Commission (SRBC)	2022 Comsupptive Use Mitigation Grant Program	Paxton Creek Restoration Planning Project	1/28/2022	3/31/2022	3/31/2022	\$0	Cash	\$0	\$0	\$0	Notified on 3/31/2022 that CRW was not selected for grant funding
SUB TOTALS						\$0		\$0	\$0	\$0	

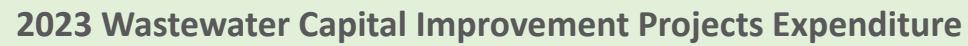


Capital Improvement Projects Report

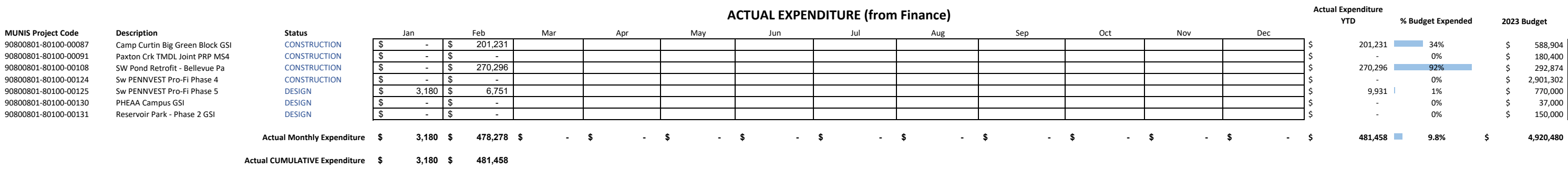
Drinking Water Capital Improvement Projects Report



ACTUAL EXPENDITURE (from Finance)														Actual Expenditure			2023 Budget
MUNIS Project Code	Description	Status													YTD	% Budget Expended	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
60800801-80100-00006	Mountain Line Repairs	STUDY	\$ 5,159	\$ -											\$ 5,159	6%	\$ 82,500
60800801-80100-00015	Water Main Replacement	CONSTRUCTION	\$ 17,020	\$ 1,587											\$ 18,607		\$ -
60800801-80100-00016	Water Main Condition Assessment	STUDY	\$ -	\$ -											\$ -	0%	\$ 100,000
60800801-80100-00118	Water PennDOT I-83 Expansion	DESIGN	\$ -	\$ -											\$ -	0%	\$ 24,500
60800801-80100-00226	2022 Water System Improvement (PV)	CONSTRUCTION	\$ 266,133	\$ 39,555											\$ 305,687	11%	\$ 2,843,662
60800801-80100-00228	Cameron St. Water Main Improve (PV)	DESIGN	\$ 30,741	\$ 13,100											\$ 43,841	1%	\$ 6,348,000
60800801-80100-00229	Water Meter Network Conversion (PV)	DESIGN	\$ 4,765	\$ 5,905											\$ 10,670	1%	\$ 1,650,000
60800801-80100-00230	DeHart Dam Improvements PV	DESIGN	\$ 70,996	\$ 19,920											\$ 90,916	20%	\$ 445,000
60800801-80300-00303	Flocculation Equipment Upgrade	CONSTRUCTION	\$ -	\$ 323,960											\$ 323,960	50%	\$ 641,859
Actual Monthly Expenditure			\$ 394,813	\$ 404,027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 798,841	6.6%	\$ 12,135,521
Actual CUMULATIVE Expenditure			\$ 394,813	\$ 798,841													



ACTUAL EXPENDITURE (from Finance)														Actual Expenditure			
MUNIS Project Code	Description	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	% Budget Expended	2023 Budget
80800801-80100-00023	AWTF Energy Recovery Improv	DESIGN	\$ -	\$ -											\$ -	0%	\$ 8,074,562
80800801-80100-00024	Primary Clarifier Improvement	DESIGN	\$ -	\$ -											\$ -	0%	\$ 168,000
80800801-80100-00026	Collection System Rehab	CONSTRUCTION	\$ 131,057	\$ 190,622											\$ 321,679	19%	\$ 1,707,000
80800801-80100-00028	Paxton Creek Interceptor Repai	STUDY	\$ -	\$ -											\$ -	0%	\$ 465,000
80800801-80100-00061	Arsenal Boulevard Sewer Improv	DESIGN	\$ -	\$ 2,877											\$ 2,877	0%	\$ 2,689,400
80800801-80100-00065	Other Multi-Modal CCTV Investi	STUDY	\$ -	\$ -											\$ -	0%	\$ 500,000
80800801-80100-00083	Front St Interceptor Rehab P2	CONSTRUCTION	\$ -	\$ 290,525											\$ 290,525	2%	\$ 16,017,826
80800801-80100-00115	PennDOT I-83 Expansion	DESIGN	\$ 8,647	\$ 3,358											\$ 12,005	3%	\$ 405,000
80800801-80100-00126	3rd & Wiconisco Separation	DESIGN	\$ -	\$ -											\$ -	0%	\$ 230,000
80800801-80100-00127	Ww Sewer Rehab Pennvest \$21M	CONSTRUCTION	\$ 127,371	\$ 12,948											\$ 161,685	4%	\$ 3,993,881
80800801-80100-00132	Ww Sewer Rehab Pennvest \$21M Phase 2	CONSTRUCTION	\$ -	\$ 21,367											\$ -	0%	\$ 500,000
80800801-80100-00128	Primary Digester Insulation	STUDY	\$ -	\$ -											\$ -	0%	\$ 500,000
Actual Monthly Expenditure			\$ 267,075	\$ 521,697	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 788,772	2.3%	\$ 34,750,669
Actual CUMULATIVE Expenditure			\$ 267,075	\$ 788,772													





Development Stormwater Management Review Summary

Development Stormwater Management Review Summary

April 17, 2023 Status Report

Development	Status	Latest Submittal	Latest Comments	Act 167 Watershed	BMP	Disturbed Area (Ac)	Rate Control	Volume Control	Infiltration	Comment
137 South 17th Street	Preliminary/Final Development	9/16/2019	10/10/2019	Paxton Creek	Detention Basin	0.85	X			Need executed O&M
Kelker Street and North 5th Street	Preliminary/Final Development	12/17/2019	11/19/2020	Susquehanna River	Infiltration Beds	0.166	X	X	X	O&M received
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
Bethesda Mission	Preliminary/Final Development	2/10/2020	2/20/2020	Paxton Creek	Rain Garden	0.4	X	X	X	Sent comment letter on 2/20/2020
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
Harrisburg Military Post	Preliminary/Final Development	3/5/2020	4/24/2020	Paxton Creek	SWM Facility	5.95	X	X	X	Sent comment letter on 4/24/2020
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
Riverfront Office Lot	Preliminary/Final Development	2/3/2021	3/2/2021	Susquehanna River	Infiltration Bed	2.57	X	X		Sent comment letter on 3/2/2021
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

Development Stormwater Management Review Summary

April 17, 2023 Status Report

Development	Status	Latest Submittal	Latest Comments	Act 167 Watershed	BMP	Disturbed Area (Ac)	Rate Control	Volume Control	Infiltration	Comment
6th & Herr St (Bethel Village)	Preliminary/Final Development	9/3/2021	9/20/2021	Susquehanna River	Underground Infiltration Facility	0.49	X	X	X	Approval letter 9/20/2021
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
1719 Market Street	Preliminary/Final Development	8/24/2021	9/20/2021	Paxton Creek	Underground Infiltration Facility	0.5	X	X	X	Approved and O&M received
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
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	Approval letter 2/2/2023
Catherine Hershey School (6th-7th Street & Muench)	Preliminary/Final Development	6/21/2022	6/22/2022	Paxton Creek	Underground Storage	5	X	X	X	Sent comment letter on 6/22/2022
6th Street Apartments	Preliminary/Final Development	12/15/2022	1/27/2022	Susquehanna River	Rain Garden	0.77	X	X	X	Sent comment letter on 1/27/2023
2151-2161 N. 4th Street	Preliminary/Final Development	1/18/2023	2/7/2023	Susquehanna River	Roof Sump	0.17	X		X	Sent comment letter on 2/07/2023
2709 & 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



Recruiting Status

New Hires

Position	Employee	Effective Date	Service Area
Superintendent of Water Operations	Chad Bingaman	3/20/2023	No

Retirements/Resignations

Employee	Position	Effective Date
David Kolakowski	Operator - Wastewater	3/15/2023
William Cole	Operations Supervisor – Drinking Water	4/7/2023

Open Positions

Position	Status	Service Area
Project Manager/ Design Engineer	Interview Process Underway	N/A
Procurement Manager	Open	N/A
Community Outreach Manager	Interview Process Underway	N/A
Laborer I - Wastewater	Interview Process Underway	N/A
Confidential Executive Assistant	Interview Process Underway	N/A
Operator - Wastewater	Interview Process Underway	N/A
Operations Supervisor – Drinking Water	Interview Process Underway	N/A



Incoming Correspondence Report

Incoming Correspondence Report

March 2023

Date Received	Date of Correspondence	Company/Agency and Name of Sender	Reference	CRW Addressee/ Received by/ Provided to
3/20/2023	3/9/2023	PA Department of Environmental Protection	No Planning Needed for Land Development Letter PA Game Commission Headquarters Addition Development, Susquehanna Township	Addressed to: CRW Received by: Janice Miller-Zerbe Provided to: Jeff Bowra
3/22/2023	3/13/2023	PA Department of Environmental Protection	PFAS MCL Rule Notification	Addressed to: Public Water Supplier Received by: Janice Miller-Zerbe Provided to: Chad Bingaman
3/27/2023	3/22/2023	Herbert, Rowland & Grubic	Statement of Financial Interest - Edward Ellinger	Addressed to: CRW Received by: Janice Miller-Zerbe Provided to: Karen McKillip



Drinking Water



DRINKING WATER DEPARTMENT MONTHLY REPORT



Trench Safety Training at Drinking Water Facility

March 2023

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

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.

Specific water quality results are summarized in Exhibit A. A total of 235.779 MG, averaging 7.606 MGD was withdrawn from the water supply source for treatment. As shown in Exhibit B, a total of 223.545 MG, averaging 7.211 MGD, of finished drinking water was pumped to the distribution system.

The DeHart water source was in service for 31 days. The Susquehanna River water source was in service for zero days.

The DeHart Watershed had average rainfall in March (Exhibit C) and the DeHart Reservoir water level increased (Exhibit D). An estimated 689.25 MG of water was released from DeHart Reservoir to Clark Creek, averaging 22.33 MGD for the month. This downstream flow, which is received by remote flow monitoring from the weir location and actual staff gauge readings, was in compliance with the flow required by the State Water Allocation Permit (Exhibit E).

Plant Maintenance

The Maintenance team performed approximately 51 preventative maintenance work orders and corrective maintenance work orders for the month of March using the Cityworks maintenance management system for all water treatment plant equipment, pumping stations and fleet vehicles.

- The DeHart Dam watershed was patrolled daily and maintained.
- The Maintenance team repaired Caustic Pump 613D.
- The Maintenance team poured 70 feet of concrete walls for the new Lime Slurry concrete containment walls.
- The Maintenance team constructed racking for the Lime Slurry control panels, feed pumps and associated valving.
- The new Aluminum Sulfate Chemical Injection system is currently under testing for commissioning and PADEP approval.
- The Maintenance team is installing several electrical upgrades for the Lime Slurry and Rotork actuator installations.
- The Lime Silo Tank Slurry feed system project is in progress.

-
- The Maintenance team applied SW Macron Epoxy on the Caustic and Aluminum Sulfate containment basins.
 - The Maintenance team started to perform spring/summer landscape duties at the Water Services Center, Front Street pump houses, DeHart Dam facility and the North Front Street administrative offices.
 - The Maintenance team continues to maintain the distribution and maintenance fleet vehicles and equipment.

Distribution

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

- Repaired ten (10) leaking services during the month totaling 568,560 gallons of unmetered water.
- Repaired one (1) main break – 95,144 gallons of unmetered water.
- Completed 335 work orders.
- Completed 550 water, sewer, and stormwater locates.
- Created service cards for 8,000 with non-existing cards.
- 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 also:

- Ensured collection of regulatory samples for Total Coliform, and E. Coli.
- Completed additional metals sampling in response to taste complaints from customers. Barium, cadmium, copper, lead, iron, and zinc were tested in the raw and finished water. Results were non-detected for all metals in both samples, except for barium with a result of 0.013 mg/L in both the finished and raw samples. The MCL for barium is 2 mg/L.
- Taste complaints have decreased, and the taste of the water has improved significantly.

EXHIBIT A

Water Quality Analysis - 2023

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	A	A	A	A	A	A	A	A	5% P
Chlorine Residual, mg/L Free														
Filter Plant Effluent	2.00	1.98	2.01										2.00	0.2 - 4.0
Distribution System	1.40	1.43	1.42										1.42	<0.02
Turbidity, NTU														
Influent from DeHart	1.20	0.98	0.71										0.96	NA
Influent from Susquehanna	NA	NA	NA											NA
Filter Plant Effluent	0.03	0.03	0.03										0.03	0.30
pH, Std Units														
Influent from DeHart	6.4	6.5	6.5										6.47	NA
Influent from Susquehanna	NA	NA	NA											NA
Filter Plant Effluent	7.6	7.5	7.9										7.66	6.5 - 8.5*
Distribution System	7.1	7.7	8.1										7.63	6.5 - 8.5*
Total Alkalinity, mg/L as CaCO3														
Influent DeHart	5	5	5										5.00	NA
Influent from Susquehanna	NA	NA	NA										N/A	NA
Filter Plant Effluent	15	14	13										14.13	<15*
Distribution System	13	14	15										13.96	<15*
Temperature, degrees C														
Influent from DeHart	5.9	5.4	7.3										6.20	NA
Influent from Susquehanna	NA	NA	NA										N/A	NA
Filter Plant Effluent	6.6	6.4	7.2										6.72	NA
Distribution System	14.1	13.2	13.6										13.63	NA
Fluoride, mg/L														
Filter Plant Effluent	0.95	1.02	1.00										0.99	2
Aluminum, mg/L														
Filter Plant Effluent	0.02	0.02	0.02										0.02	0.2*
Iron, mg/L														
Influent from DeHart	0.11	0.06	0.04										0.07	NA
Influent from Susquehanna	NA	NA	NA										N/A	NA
Filter Plant Effluent	0.02	0.01	0.01										0.01	0.3*
Distribution System	0.07	0.00	0.00										0.02	0.3*
Total Dissolved Solids, mg/L														
Influent from DeHart	15	15	16										15.42	NA
Influent from Susquehanna	NA	NA	NA										N/A	NA
Filter Plant Effluent	37	34	35										35.25	500*
Distribution System	39	36	34										36.39	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										8.23	NA
Distribution System	10	6	6										7.20	NA
Orthophosphate, mg/L														
Filter Plant Effluent	1.20	1.24	1.27										1.24	0.7 - 1.3*
Distribution System	1.21	1.19	1.12										1.17	0.7 - 1.3*
**Total Trihalomethanes, ug/L														
Distribution System	34.2	NA	NA										34.2	80.0
**Total Haloacetic Acids, ug/L														
Distribution System	36.8	NA	NA										36.8	60.0
Total Organic Carbon, mg/L														
Influent from DeHart	1.22	NA	NA										1.22	NA
Influent from Susquehanna	NA	NA	NA										N/A	NA
Filter Plant Effluent	2.16	NA	NA										2.16	NA
Average Filter Run, Hours	115	112	120										115.67	NA

* Values are related to DEP Secondary MCL

** Running Annual Quarterly Average

*** Not Available at Time of Report

EXHIBIT B

Water Production Data - 2023

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	233.562	7.534	0.000	0.000	233.562	7.534	239.964	7.741	6.487	0.210	229.172	7.393
February	202.799	7.243	0.000	0.000	202.799	7.243	210.336	7.513	4.938	0.176	202.279	7.224
March	235.779	7.606	0.000	0.000	235.779	7.606	233.913	7.546	6.770	0.218	223.545	7.211
April												
May												
June												
July												
August												
September												
October												
November												
December												
Total	672.140		0.000		672.140		684.213		18.195		654.996	
Average	224.047	7.461	0.000	0.000	224.047	7.461	228.071	7.600	6.065	0.201	218.332	7.276

Peak Day Water Use5/31/20206.966(MG) = Million Gallons

Minimum Day Water Use5/1/20206.081(MGD) = Million Gallons per Day

EXHIBIT C

Rainfall at the DeHart Reservoir - 2023
(inches)

Date	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
2023 Total	2.70	1.09	2.93										6.72
Daily Average	0.087	0.039	0.095										0.221
Ten Year Average	3.37	2.572	3.62	4.68	4.138	5.112	4.81	4.154	5.72	5.37	3.83	4.21	51.586
2022 Total	2.70	3.79	6.72	5.03	6.55	5.84	2.16	2.67	4.16	3.43	2.94	6.63	52.62

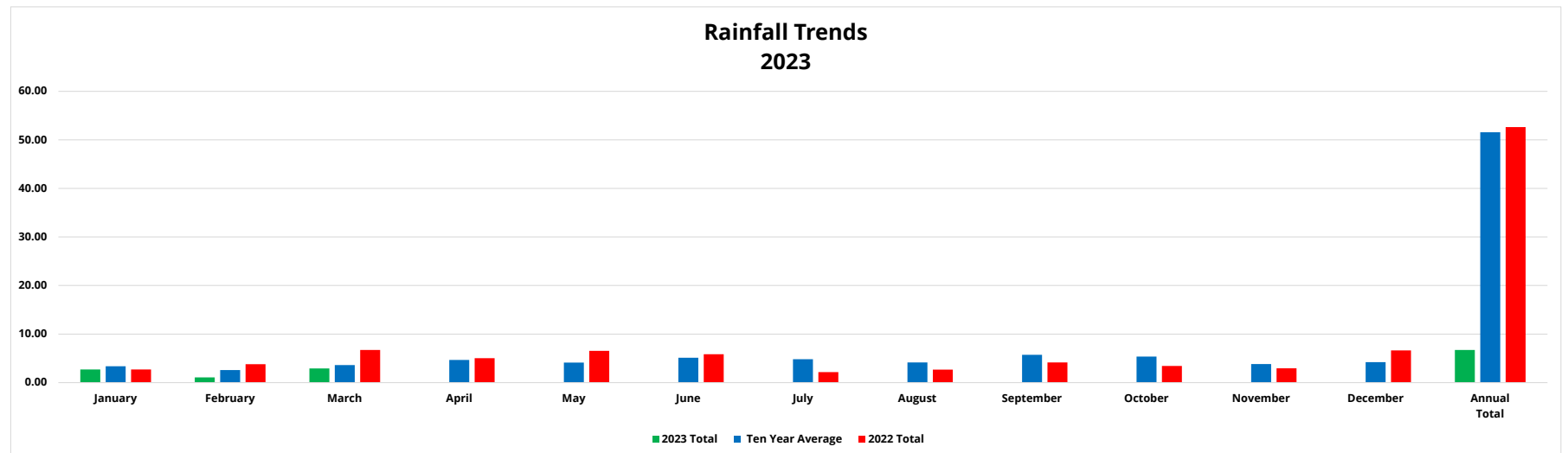


EXHIBIT D

Water Level at the DeHart Reservoir - 2023
(Inches from Spillway)

Date	January	February	March	April	May	June	July	August	September	October	November	December
2023 AVG	-162.9	-58.6	-98.7									
Ten Year AVG	-38.8	-36.6	-27.4	-14.4	-12.5	-15.0	-12.0	-42.0	-60.5	-73.5	-75.0	-62.6
2022 AVG	-162.9	-104.3	-5.6	4.6	4.1	7.2	-12.1	-34.1	-48.5	-68.9	-80.6	319.0

**DeHart Reservoir Water Level Trends
2023**

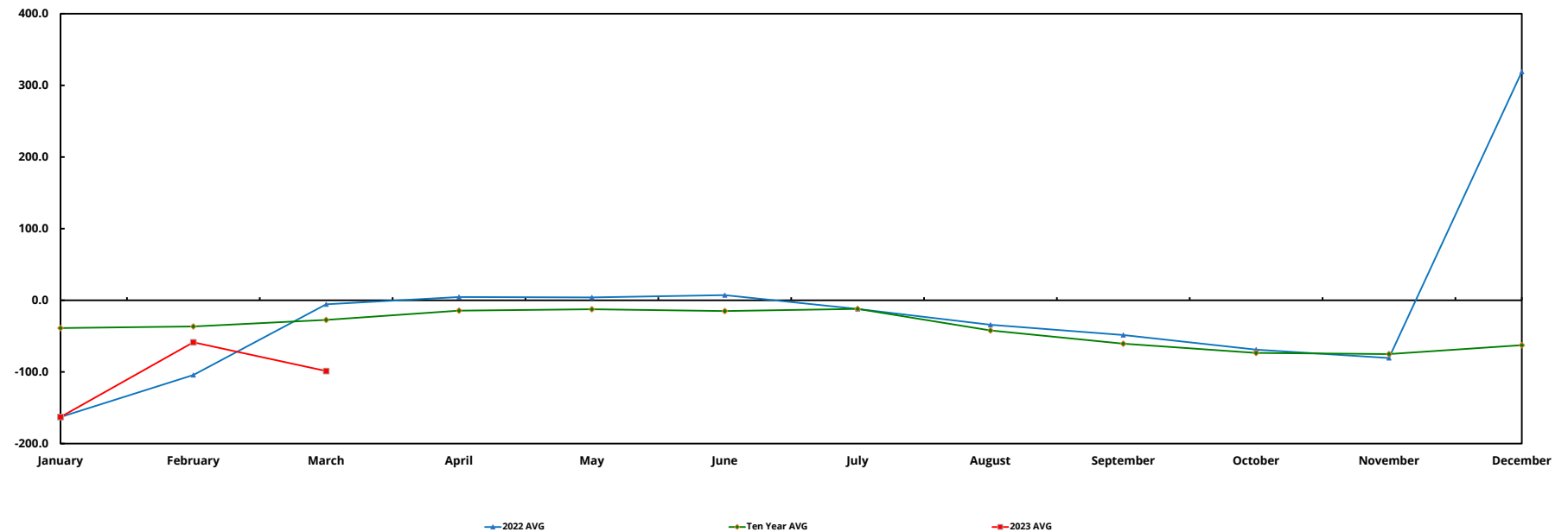


EXHIBIT E

Daily Conservation Release - 2023

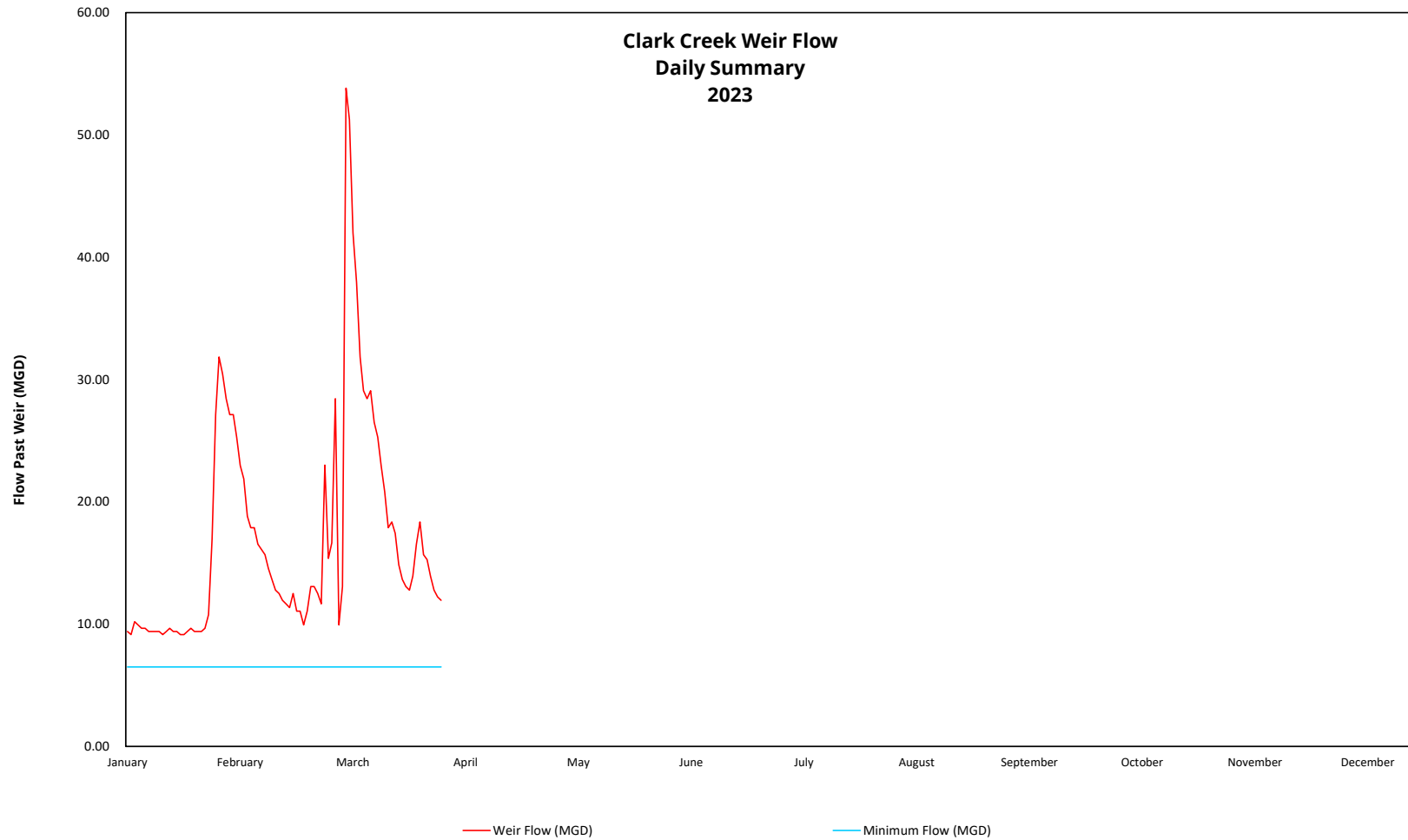


EXHIBIT F
Utility Usage - 2023

Location / Utility	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Water Services Center														
Electric Transmission														
Total, kWh	214,200												214,200	214,200
Cost, Dollars	\$16,812.87												\$16,812.87	\$16,812.87
Electric Generation														
Total, kWh	214,200	172,800	198,000										195,000	585,000
Cost, Dollars	\$1,253.64	\$1,180.73	\$1,168.47										\$1,200.95	\$3,602.84
Natural Gas														
Total, Cu Ft	13,533	13,229	11,509										12,757	38,271
Cost, Dollars	\$12,244.94	\$11,133.40	\$9,875.88										\$11,084.74	\$33,254.22
Sewer														
Total, Gal	7,710,000	6,070,000	7,288,000										7,022,667	21,068,000
Cost, Dollars	\$71,240.40	\$56,086.80	\$67,341.12										\$64,889.44	\$194,668.32
Refuse														
Cost, Dollars	\$967.70	\$967.70	\$967.70										\$967.70	\$2,903.10
Reservoir Park Pump Station														
Electric Transmission														
Total, kWh	88,000												88,000	88,000
Cost, Dollars	\$3,704.13												\$3,704.13	\$3,704.13
Electric Generation														
Total, kWh	88,000	92,400											90,200	180,400
Cost, Dollars	\$1,350.22	\$1,214.10											\$1,282.16	\$2,564.32
Natural Gas														
Total, Cu Ft	982	629	473										695	2,084
Cost, Dollars	\$903.79	\$626.39	\$509.26										\$679.81	\$2,039.44
Rockingham River Pump Station														
Electric Transmission														
Total, kWh													#DIV/0!	0
Cost, Dollars													#DIV/0!	\$0.00
Electric Generation														
Total, kWh													#DIV/0!	0
Cost, Dollars													#DIV/0!	\$0.00
Natural Gas														
Total, Cu Ft	580	499	389										489	1,468
Cost, Dollars	\$543.32	\$515.95	\$378.07										\$479.11	\$1,437.34
Union Square Booster Station														
Electric Transmission														
Total, kWh	3,340	2,744	**										3,042	6,084
Cost, Dollars	\$305.46	\$113.42	**										\$209.44	\$418.88
Electric Generation														
Total, kWh	3,340	2,744	**										3,042	6,084
Cost, Dollars	\$130.77	\$113.42	**										\$122.10	\$244.19
DeHart Facilities														
Electric Transmission														
Total, kWh	3,131												3,131	3,131
Cost, Dollars	\$168.70												\$168.70	\$168.70
Electric Generation														
Total, kWh	3,131	2,289	2,308										2,576	7,728
Cost, Dollars	\$102.80	\$83.69	\$161.05										\$115.85	\$347.54
Fuel Oil														
Total, Gals	2,251	0	0										750	2,251
Cost, Dollars	\$5,768.00	\$0.00	\$0.00										\$1,922.67	\$5,768.00
City Island Heat Trace														
Electric Transmission														
Total, kWh	40	**	**										40	40
Cost, Dollars	\$7.57	**	**										\$7.57	\$7.57
Electric Generation														
Total, kWh	40	**	**										40	40
Cost, Dollars	\$61.81	**	**										\$61.81	\$61.81
Expenditures YTD													#DIV/0!	\$268,003

** Not available at time report was developed

Total Transmission	\$21,112
Total Generation	\$6,821
Total Refuse	\$2,903
Total Gas	\$36,731
Total Sewer	\$194,668
Total Fuel Oil	\$5,768
Total Utilities	\$265,100

Exhibit G

Hydro-Turbine Generator Performance - 2023

Month	Kilowatt-hour (KWH)	Anticipated Savings *
January (Out of Service)	0	\$0
February (Out of Service)	0	\$0
March (Out of Service)	0	\$0
April		
May		
June		
July		
August		
September		
October		
November		
December		
Average		
Year to Date	0	\$0

* Estimated savings based on electrical rate of \$0.058 per KWH

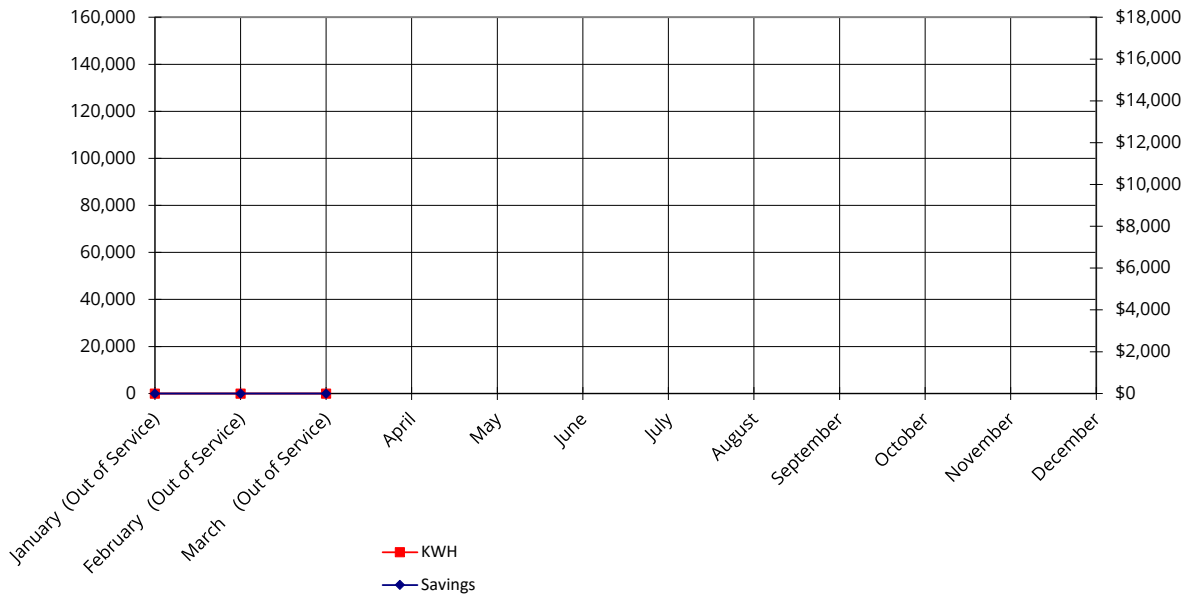


EXHIBIT H

Treatment Chemical Usage - 2023

Chemical	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Chlorine														
Total Lbs.	6,294	5,518	5,991										5,934	17,803
Average, Chlorine Lbs./Day	203	197	193										197.7	
Average, Chlorine Dose, mg/L	6.9	1.6	2.6										3.7	
Chlorine, Cost, \$/Lbs.	\$1.639	\$1.639	\$1.639										1.6	
Chlorine Total Cost, Dollars	\$10,316	\$9,044	\$9,819										\$9,726.29	\$29,178.87
Alum 48.5%														
Total Lbs.	26,829	16,763	19,163										20,918	62,755
Average, Alum, Lbs./Day	866	599	618										694.3	
Average, Alum, mg/L	10.7	7.7	12.0										10.1	
Alum Cost, \$/Lbs.	\$0.121	\$0.121	\$0.121										0.1	
Alum Total Cost, Dollars	\$3,246	\$2,028	\$2,319										\$2,531.10	\$7,593.31
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	
Lime Total Cost, Dollars	\$0.00	\$0.00	\$0.00										\$0.00	\$0.00
Soda Ash														
Total Lbs.	17,400	12,350	13,050										14,267	42,800
Average Soda Ash, Lbs./Day	561	441	421										474.3	
Average, Soda Ash Dose, mg/L	19.2	13.5	19.0										17.2	
Soda Ash Cost, \$/Lbs.	\$0.368	\$0.368	\$0.368										0.4	
Soda Ash Total Cost, Dollars	\$6,403	\$4,545	\$4,802										\$5,250.00	\$15,750.00
Fluoride														
Total Lbs.	2,240	1,965	1,965										2,057	6,170
Average, Fluoride Lbs./Day	72	70	63										68.3	
Average, Fluoride (F-) Dose, mg/L	1.1	1.1	1.0										1.1	
Fluoride Cost, \$/Lbs.	\$0.30	\$0.30	\$0.30										\$0.30	
Fluoride Total Cost, Dollars	\$672	\$590	\$590										\$617.33	\$1,852.00
Sodium Hydroxide 50%														
Total NaOH 50% dry Lbs.	35,623	31,225	33,907										33,585	100,755
Average NaOH 50%, dry Lbs./Day	1,149	1,115	1,094										1,119	
Average, NaOH 50%, mg/L	19.2	15.7	19.2										18.0	
NaOH 50% Cost, dry \$/Lbs	\$0.450	\$0.450	\$0.450										0.5	
NaOH 50% Total Cost, Dollars	\$16,030	\$14,051	\$15,258										\$15,113.12	\$45,339.35
Zinc Orthophosphate														
Total Zn3(PO4)2, wet Lbs.	4,802	4,239	4,565										4,535	13,606
Average Zn3(PO4)2, wet Lbs./Day	155	151	147										151.0	
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										1.7	
Zn3(PO4)2 Total Cost, Dollars	\$8,279	\$7,308	\$7,870										\$7,818.88	\$23,456.65
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.	\$0.00	\$0.00	\$0.00										\$0.00	
KMnO4 Total Cost, Dollars	\$0.00	\$0.00	\$0.00										\$0.00	\$0.00
Expenditure													\$41,056.73	\$123,170.18
Average Treated Cost per (MG)														
Total Treated Flow (MGD)														0.000
Average Treated Flow (MGD)														228.071

EXHIBIT I

DISTRIBUTION DEPARTMENT ACTIVITIES - 2023

Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total	Average
PA One Call Locates	501	430	550										1,481	494
Street Restorations	0	0	7										7	2
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	2	1	1										4	1
Service Line Leaks Detected	0	0	0										0	0
Service Line Leaks Repaired	1	0	10										11	4
Valves - Exercised	0	0	0										0	0
Valves - Replaced	0	0	0										0	0
Hydrant Flow Tests	0	8	1										9	3
Hydrants Returned to Service	0	0	0										0	0
Water Tap - Disconnected	2	0	11										13	4
Water Tap - New Connection	2	0	0										2	1
Water Shutoffs - Delinquent Accounts	0	0	0										0	0
Water Shutoffs - Other	24	11	21										56	19
Water Shutoffs - Non Payment	0	0	0										0	0
Water Restoration Turn on Other	24	22	23										69	23
Water Turn on - Non Payment	0	1	6										7	2



EXHIBIT J

Metering Activities - 2023

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	3	4										13	4
	Leaking	2	3	2										7	2
	Frozen	20	4	3										27	9
	Non-registering	6	6	9										21	7
	Large Meters ¹	0	0	0										0	0
New Service	New Installation	2	0	0										2	1
Meter Service															
MXU's Replaced	MXU's Replaced	47	43	40										130	43
Batteries Replaced	Batteries Replaced	45	323	113										481	160
Meter Pits Serviced	Meter Pits Serviced	0	0	0										0	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

EXHIBIT K

Miscellaneous Water Usage (gals) - 2023

Category of Water Use	Description	Jan	Feb	Mar	APR	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total	Average
Process Water	Process Water	N/A	N/A	N/A										0	N/A
Billed Metered Exported	Bulk Water Hauling	N/A	N/A	N/A										0	N/A
Billed Metered	Hydrant Connections	0	0	113,557										113,557	37,852
Billed Unmetered	Hydrant Flow Tests	0	12,300	4,000										16,300	5,433
Unbilled Unmetered	Hydrant Flushing (and Unbilled Authorized)	48,449	51,011	40,285										139,745	46,582
Leakage on Distribution Mains	Main Leaks	1,318,637	2,836,746	95,144										4,250,527	1,416,842
Leakage on Service Lines	Service Leaks	2,321,113	41,760	568,560										2,931,433	977,144
	Total	3,688,199	2,941,817	821,546	0	0	0	0	0	0	0	0	0	7,451,562	620,964



Wastewater





WASTEWATER DEPARTMENT MONTHLY REPORT



Newly Installed Pumps and Valves at the Plant Drain Pumping Station

March 2023

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

Overview

March marked the end of the 2022 annual regulatory reporting season with support for the Chapter 94 Municipal Waste Load Management Report and Semi-Annual Consent Decree Report. A revision to the Annual Air Quality Emissions Report was requested and resubmitted.

The annual process of performance reviews for management employees progressed through several phases throughout the month. Meetings with each employee were held with performance goals for the remainder of 2023 being set.

Major work on submission of the AWWA Utility Benchmarking Survey concluded as well. Crews from all CRW departments collected data and performed calculations to answer almost 300 questions from the survey. The results will be databased so that CRW can set goals and track progress to achieving them year-after-year. This marks a long-awaited accomplishment for CRW in its strategic goal of developing a robust benchmarking program.

Operations

During the month of March, the AWTF met all monthly average NPDES permit requirements. No Sanitary Sewer or Dry Weather Overflows were reported.

Hydraulic loading to the AWTF averaged 19.3 million gallons per day (MGD). The treatment process achieved removal reductions of 96.8 percent CBOD, 98.1 percent Suspended Solids, 64.4 percent Phosphorus, and 91.8 percent Ammonia (Exhibit A).

The Contract Waste Hauling program collected \$38,025.36 in revenue from 1,210,570 gallons discharged (Exhibit G). Leachate discharge slowed down in March causing a drop in revenue from the previous few months.

In recent months, adjustments to the Divert Food Slurry pumping system, along with other process adjustments, has resulted in progressively lower effluent nitrogen concentrations. As this progress continues, it will allow us to generate more Nitrogen Credits for the 2023 Water Year, which will end on September 30, 2023.

The Cogeneration facility experienced an average run time of 75 percent in March. Revenue is estimated at \$14,337.97 on 97,200 Kilowatt-hours generated for the month. The revenue total is the highest for the AWTF in *seven (7) years*. The increase in runtime is due to mechanical failures that were repaired from the previous month, and an increase in feed being pumped to the Primary Digesters.

Laboratory

- Discovered that the lab difficulties for passing the BOD/CBOD IDOC was due to bad Polyseed. The SOP was amended to include raw influent as inoculum and to have lab technicians in the process of running IDOCs.
- Completed and passed IDOCs for new Fecal and E. Coli method, ordered PTs for each to be run in the beginning April.
- Made significant progress with WIMS benchsheets and calculations, working with HACH remotely for assistance.

Pretreatment

- Reissued Industrial User permit for Swatara Landfill and notified Drinking Water department that their permit needs renewed in April.
- Training lab staff on Industrial User compliance sampling to be started in April.
- Digitizing 2022 Industrial User facility inspection reports to streamline 2023 inspections.

Plant Maintenance

- Installed a new hauler discharge connection in Chamber A.
- Installed metering equipment for the Chlorine system to reduce unnecessary consumption. Project consisted of:
 - Excavating to install underground piping for communication connections.
 - Assembling and installing necessary components to cabinets and devices to upgrade the system.
- Performed seasonal grounds maintenance at the AWTF, clearing fence row trees and debris, as necessary.
- Serviced the standby generator test full load at the Market Street pump station.
- Install new drive gearbox for Pista Grit No. 3 paddle drive.
- Prepared the interior levels of the plant drain pump for painting.
- Repaired the 8-inch drain line valve for the primary clarifier scum pit.
- Serviced the standby generator at the Spring Creek pump station and tested on full load.
- Repaired rusted holes in the scum collection box on Gravity Thickener No. 2.
- Provided weekly preventative maintenance of the JCB loader.
- Performed daily service for vehicular related repairs - bulbs, batteries, tires, lube oil and filters and flat tires. Some work in preparation of state inspection.
- Performed various maintenance tasks per request at the North Front Street administrative offices.

Field Construction

- Repaired 24 inlets at various locations throughout the City.
- Replaced a brick inlet at Central and Bob Streets with a new pre-cast box and M-top grate/frame.
- Replaced a brick inlet on McCleaster Street with a new pre-cast box and M-top grate/frame.
- Raised a buried manhole at Front and Foster Streets. The manhole was found to be a hotspot for trash and debris in the system.
- Replaced ten (10) feet of storm pipe at Kemp and Alrick Streets.
- Replaced an inlet grate and frame at 5th and Muench Streets with a new pre-cast M-top/bicycle grate.
- Replaced an old curb inlet at 4th and Muench Street to better combat trash/debris from entering the combined system.

Field Operations

- Performed CCTV assessment of 7,933 feet (1.5 miles) of pipe.
- Flushed 3,238 feet (0.61 miles) of sewer pipe.
- Cleaned 209 stormwater inlets and performed detailed inspection and measurement of 205 of them.
- Responded to seven (7) backup and overflow calls. Responsibility for one (1) which is still being investigated. All others were cleared of CRW responsibility.
- Responded to four (4) sinkhole calls. One (1) was due to failure of a wastewater asset.
- Performed extensive flushing and CCTV assessment near 17th and Market Streets in support of a capital project.
- Two Dry Weather Overflows (DWO) occurred in the month of March:
 - On March 16th a DWO was observed at CSO #013 at Front and Cumberland Streets due to grease and debris blocking the gate. The debris was quickly removed, and full hydraulic capacity was restored.
 - On March 29th a Dry Weather Overflow was observed at CSO #039 at South Mulberry and Cameron Streets. This blockage was caused by flushable wipes. The debris was removed and full hydraulic capacity was restored.

Environmental Compliance

- Completed three (3) inspections of FOG dischargers.
- Issued two (2) new FOG discharge permits and renewed one (1) permit.
- Issued eight (8) FOG-related Notice of Violations (NOVs).

- Provided education packets to five (5) newly identified FOG dischargers (either new business or previously unidentified). Spent time educating business owners/representatives and provided them with a FOG Best Management Practices Manual, copy of Section 7.5 of the updated Wastewater and Stormwater Rules and Regulations, discharge permit request, cleaning log sign-off sheet, and introduction letter.
- Five (5) investigations were conducted during the month of March.
- CRW's Environmental Compliance Inspector was contacted by Field Operations regarding wastewater being pumped from a basement into the backyard of a residence near the intersection of 17th and Market Streets. An investigation was conducted, and the information was turned over to Harrisburg's Bureau of Codes since CRW's collections and conveyance system was not impacted by the pumping.
- CRW's Environmental Compliance Inspector was contacted by CRW's Water Distribution department regarding a discharge of water occurring near the intersection of 18th and Herr Streets. The discharge was a result of fire hydrant use on private property during construction activities. The investigation of a prohibited discharge was inconclusive.
- CRW's Construction Coordinator contacted the Environmental Compliance Inspector regarding a sanitary sewer overflow and illicit discharge of wastewater to the Susquehanna River near the Market Street bridge. An investigation of the incident found the discharge occurred because of a broken pipe. The investigation determined an illicit discharge did occur and penalties are still being assessed.
- Two (2) incidents of illicit discharge of petroleum products to the Susquehanna River were investigated. In both cases, the discharges were confirmed, and penalties are still being assessed.

Street Sweeping

- Completed 788.12 miles of scheduled street sweeping within the City of Harrisburg. Completed an additional 74.61 miles in unscheduled and as-needed areas during the fifth week of the month. The grand total of miles swept during March was 862.73 miles.
- Had five (5) complaints in the month of March 2023. All were resolved.
- Performed much-needed tire replacement on all sweepers for the upcoming year.
- Used approximately 8,800 gallons of water during street sweeping operations.
- Continued to assist cleaning storm inlets in scheduled sweeping areas.

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Process Control - 2023

Parameters	January	February	March	April	May	June	July	August	September	October	November	December	Average	NPDES Limits
Volume, MGD	22.0	16.8	19.3										19.4	37.7
Carbonaceous Biochemical Oxygen Demand														
Influent, mg/L	97	139	111										116	-----
Effluent, mg/L	4	3	3										3	25
Percent Removal, %	95.6	97.4	96.8										96.6	-----
Effluent Loading, lb/d	681	469	518										556	7,860
Suspended Solids:														
Influent, mg/L	156	222	173										184	-----
Effluent, mg/L	8	3	3										5	30
Percent Removal, %	95.0	98.5	98.1										97.2	-----
Effluent Loading, lb/d	1,447	412	582										814	9,433
Nitrogen														
Total-N														
Influent, mg/L	26	33	26										28	-----
Effluent, mg/L	5.0	4.0	5.7										5	Monitor
Percent Removal, %	80.5	87.9	78										82.3	-----
Effluent Loading, lb/d	993	548	846										796	-----
NH3-N														
Influent mg/L	17	21	17										18	-----
Effluent, mg/L	1.9	1.2	1.4										2	11 (2)
Percent Removal, %	88.5	94.3	91.8										91.5	-----
Effluent Loading, lb/d	359	168	248										258	4,716
Phosphorus:														
Influent, mg/L	2.9	4.2	3.5										3.5	-----
Effluent, mg/L	0.8	1.6	1.2										1.2	2.0
Percent Removal, %	70.3	61.3	64.4										65.3	-----
Effluent Loading, lb/d	152	222	194										189	629
pH:														
Influent, Std. Units	7.4	7.3	7.3										7.3	-----
Effluent, Std. Units	7.4	7.4	7.4										7.4	6.0 - 9.0
Dissolved Oxygen:														
Effluent Minimum, mg/L	8.0	8.8	7.8										8.2	5.0 Min.
Fecal Coliform:														
Effluent, No./100 ml	25	3	5										11	200/100 ml (1)
Chlorine Residual:														
Effluent, mg/L	0.22	0.18	0.20										0.20	0.50

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

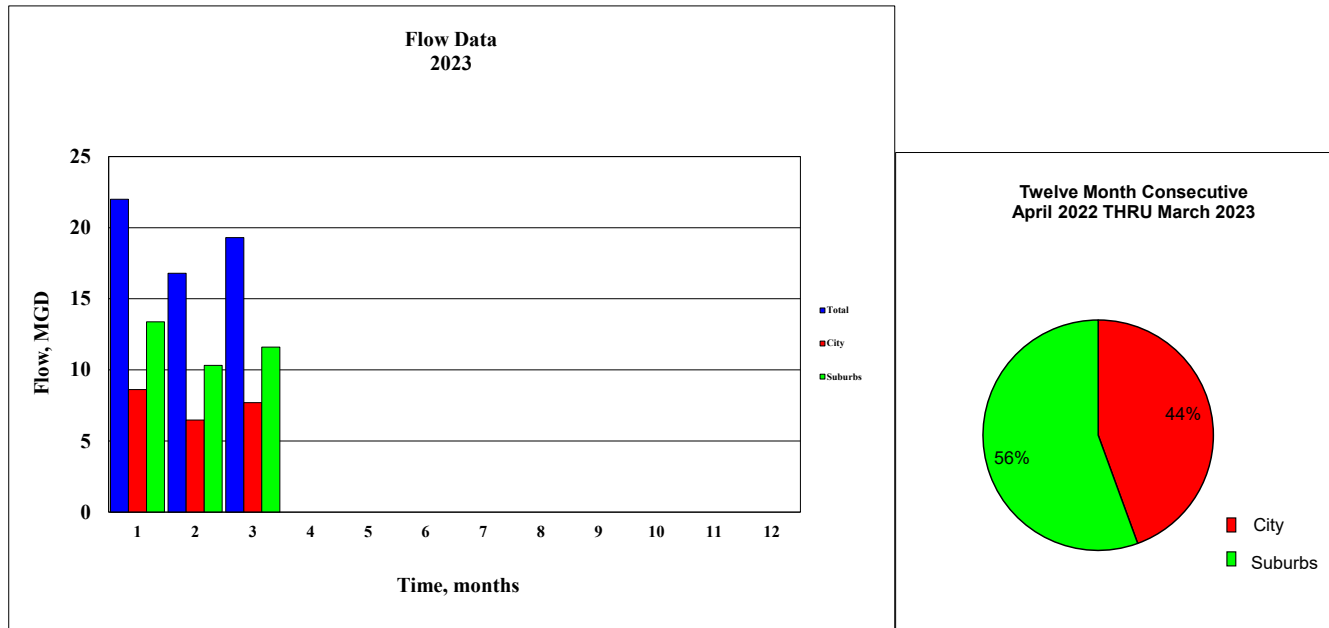
(2) Seasonal Limit May 1 to Nov.1.

EXHIBIT B

**CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY**

Flow Monitoring Information, MGD - 2023

Total				City Regions					Suburb Regions					Total Precip
Month	Flow	City	Suburbs	1	2	3	4	5	6	7	8	9	10	inches
January	22.000	8.622	13.378	8.110	0.192	0.300	-0.160	0.180	1.400	5.280	2.208	4.060	0.430	2.450
February	16.800	6.480	10.320	5.480	0.150	0.300	0.410	0.140	1.200	3.950	1.720	3.100	0.350	1.010
March	19.300	7.696	11.604	6.670	0.176	0.300	0.390	0.160	1.300	4.250	2.024	3.670	0.360	2.560
April														
May														
June														
July														
August														
September														
October														
November														
December														
Average	19.37	7.60	11.77											2.01
Percent	100.00	39.24	60.76											6.02



CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Treatment Utility and Chemical Usage - 2023

Utility / Chemical	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Electric														
Total, kWh	1,158,900	1,028,400	1,033,800										1,073,700	3,221,100
Average, kWh/Day	37,384	36,729	33,348										35,820	-----
Cost, Dollars	\$98,628.52	\$60,520.22	\$60,192.18										\$73,113.64	\$219,340.92
Natural Gas														
Total, Cu Ft	621.9	*	*										207	622
Average, Cu Ft/Day	20	*	*										20	-----
Cost, Dollars	\$6,237.14	*	*										\$2,079.05	\$6,237.14
Water														
Total, Gal.	1,187,000	1,298,000	*										1,242,500	2,485,000
Average, Gal./Day	38,290	46,357	*										42,324	-----
Cost, Dollars	\$15,616.58	\$16,764.32	*										\$10,793.63	\$32,380.90
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.	13,115	5,973	6,830										8,639	25,918
Average, Lbs./Day	423	223	220										289	-----
Avg Residual, mg/l	0.22	0.18	0.20										0.20	-----
Cost, \$/Lbs.	\$1.64	\$1.64	\$1.64										\$1.64	-----
Total Cost, Dollars	\$21,508.60	\$9,795.72	\$11,201.20										\$14,168.51	\$42,505.52
Phosphorous Removal														
Total FeCl3, Gals.	3,113	2,950	3,113										3,059	9,176
Avg FeCl3, Gals./Day	100	105	100										102	-----
FeCl3 Cost, \$/Gal.	\$1.74	\$1.74	\$1.74										\$1.74	-----
FeCl3 Total Cost, Dollars	\$5,416.97	\$5,133.00	\$5,416.62										\$5,322.20	\$15,966.59

* No data at time of report

EXHIBIT D

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Cogeneration Electrical Production: 2022-2023

	Period	Percent Run Time	Daily Avg Kilowatt	Kilowatt Hours Produced	Estimated Revenue
January 2022		2	58	1,800	\$210.51
February 2022		37	1,093	30,600	\$3,578.67
March 2022		33	958	29,700	\$3,473.42
April 2022		43	1,710	51,300	\$5,999.54
May 2022		53	1,687	52,200	\$6,104.79
June 2022		23	510	15,300	\$1,789.34
July 2022		33	1,190	36,900	\$4,315.46
August 2022		28	697	21,600	\$2,526.12
September 2022		12	450	13,500	\$1,578.83
October 2022		34	1,365	42,300	\$4,946.99
November 2022		21	870	26,100	\$3,052.40
December 2022		20	726	22,500	\$2,631.38
Total - 2022				343,800	\$40,207.41
Monthly Average - 2022		28	943	28,650	\$3,350.62
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					
May 2023					
June 2023					
July 2023					
August 2023					
September 2023					
October 2023					
November 2023					
December 2022					
Total - 2023				162,000	\$21,916.33
Monthly Average - 2023		45	1,814	54,000	\$7,305.44

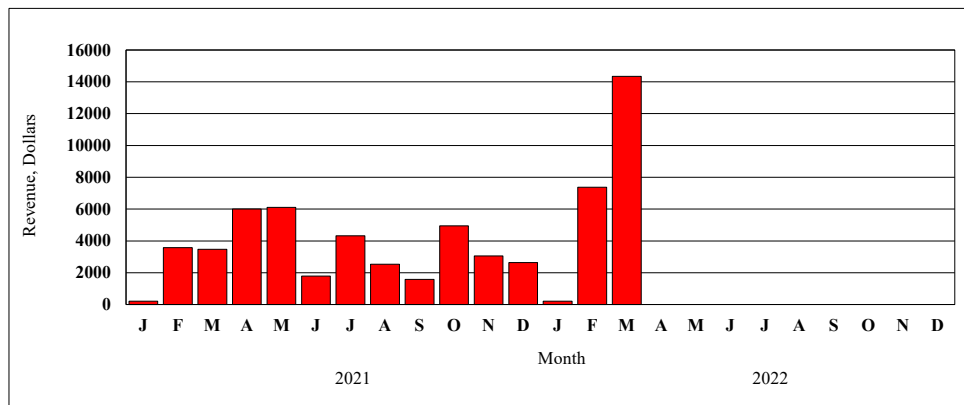


EXHIBIT E

**CAPITAL REGION WATER
ADVANCED WASTEWATER TREATMENT FACILITY**

Sludge Handling Information - 2023

Process	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Solids Removal														
Process, Lbs.	704,819	890,443	1,557,518										1,050,927	3,152,780
CWH Program, Lbs.	196,727	230,186	125,669										184,194	552,582
Total Solids, Lbs.	901,546	1,120,629	1,683,187										1,235,121	3,705,362
Sludge Dewatering														
Feed Volume, Gals.	5,489,000	4,398,000	3,878,000										4,588,333	13,765,000
Feed Solids, %	1.5	1.5	1.5										1.5	-
Labor, Hours	635	519	531										562	1,685
Operations, Hours	1,181	977	1,014										1,057	3,172
Total Cake, Dry Tons	208	168	162										179	538
Total Cake, Wet Tons	1,264	1,089	1,040										1,131	3,393
Cake TS, %	16.5	15.9	15.6										16.0	-
Press Rate, Lbs./Hour	2,140	2,228	2,052										2,140	6,420
Polymer Dosage, Lbs	4,299	4,556	4,533										4,463	13,388
Polymer Dosage, Lbs/Dry Ton	24.3	26.4	28.6										26.4	-
Disposal Cost														
Labor, Dollars	\$12,208.54	\$9,982.89	\$10,200.05										\$10,797.16	\$32,391.49
Electrical, Dollars	\$519.82	\$430.06	\$445.98										\$465.29	\$1,395.86
Polymer, Dollars	\$8,383.05	\$8,885.16	\$8,839.35										\$8,702.52	\$26,107.56
Disposal, Dollars	\$43,033.40	\$59,350.50	\$42,993.10										\$48,459.00	\$145,377.00
Total Cost, Dollars	\$64,144.81	\$78,648.61	\$62,478.49										\$68,423.97	\$205,271.90
Cost Per Dry Ton, Dollars	\$308.39	\$468.15	\$385.67										\$387.40	

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Conveyance Utility Usage - 2023

Location / Utility	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Front Street Pump Station														
Electric														
Total, kWh	153,600	97,200	*										125,400	250,800
Average, kWh/Day	4,955	3,471	*										4,213	-----
Cost, Dollars	#####	\$6,179.35	*										\$8,175.61	\$16,351.22
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.	284,000	318,000	*										301,000	602,000
Average, Gal./Day	9,161	11,357	*										10,259	-----
Cost, Dollars	\$3,633.08	\$3,984.64	*											\$7,617.72
Spring Creek Pump Station														
Electric														
Total, kWh	38,400	*	*										38,400	38,400
Average, kWh/Day	1,239	*	*										1,239	-----
Cost, Dollars	\$1,274.90	*	*										\$1,274.90	\$1,274.90
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.	90,000	104,000	*										97,000	194,000
Average, Gal./Day	2,903	3,714	*										3,309	-----
Cost, Dollars	\$1,006.59	\$1,151.35	*										\$1,078.97	\$2,157.94
Market Street Pump Station														
Electric														
Total, kWh	1,320	*	*										1,320	1,320
Average, kWh/Day	43	*	*										43	-----
Cost, Dollars	\$112.61	*	*										\$112.61	\$112.61
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	\$42.43	*	*										\$42.43	\$42.43

* No Data at time of report

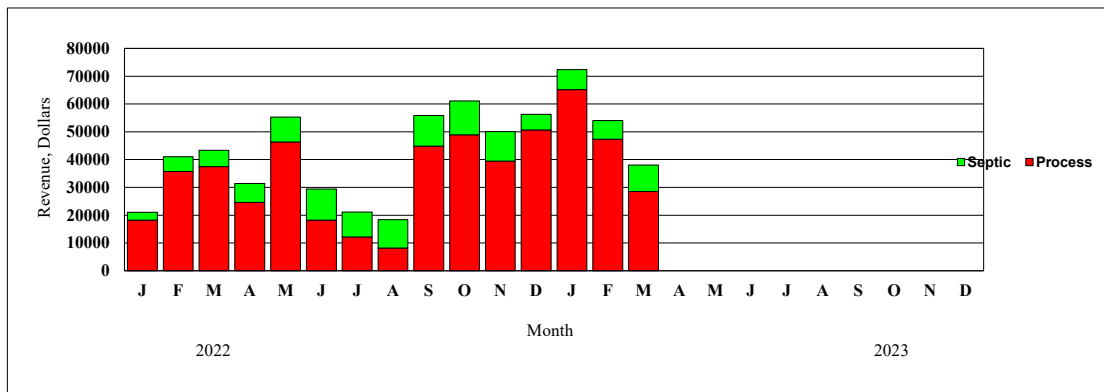
CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Contract Waste Hauling Program 2022 - 2023

Month	Process		Septic		Total	
	Gallons	Revenue	Gallons	Revenue	Gallons	Revenue
January	557,788	\$18,254.25	78,450	\$2,770.20	636,238	\$21,024.45
February	1,253,749	\$35,714.94	150,975	\$5,336.00	1,404,724	\$41,051.04
March	1,266,410	\$37,456.11	168,400	\$5,918.40	1,434,810	\$43,374.51
April	832,860	\$24,607.44	189,750	\$6,795.00	1,022,610	\$31,402.44
May	1,599,990	\$46,377.27	250,650	\$8,874.90	1,850,640	\$55,252.17
June	583,370	\$18,218.79	315,100	\$11,217.60	898,470	\$29,436.39
July	352,570	\$12,137.31	252,900	\$8,969.40	605,470	\$21,106.71
August	248,100	\$8,169.21	287,600	\$10,209.60	535,610	\$18,378.81
September	1,589,990	\$44,824.05	311,600	\$11,046.60	1,901,590	\$55,870.65
October	1,738,680	\$48,922.56	342,650	\$12,173.40	2,081,330	\$61,095.96
November	1,412,550	\$39,494.61	293,700	\$10,537.20	1,706,250	\$50,031.81
December	1,776,820	\$50,682.24	158,050	\$5,586.30	1,934,870	\$56,268.54
Total - 2022	13,212,877	\$384,858.78	2,799,825	\$99,434.60	16,012,612	\$484,293.48
Monthly Average - 2022	1,101,073	\$32,071.57	233,319	\$8,286.22	1,334,384	\$40,357.79

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						
May						
June						
July						
August						
September						
October						
November						
December						

Total - 2023	4,701,550	\$141,023.79	664,950	\$23,359.50	5,366,500	\$164,383.29
Monthly Average - 2023	1,567,183	\$47,007.93	221,650	\$7,786.50	1,788,833	\$54,794.43





Check Reconciliation Register

AP CHECK RECONCILIATION REGISTER

FOR CASH ACCOUNT: 00 10150

FOR: All Except Stale

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
13284	03/03/2023	PRINTED	001826 AINSWORTH INC.		2,395.00		03/31/2023
13285	03/03/2023	PRINTED	000807 Burns, Oran M.		198.00		03/31/2023
13286	03/03/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA		15.25		03/31/2023
13287	03/03/2023	PRINTED	000154 FEDEX		164.47		03/31/2023
13288	03/03/2023	PRINTED	001018 GAPVAX, INC.		1,165.00		03/31/2023
13289	03/03/2023	PRINTED	000215 HOFFMAN FORD SALES INC.		1,944.26		03/31/2023
13290	03/03/2023	PRINTED	001803 KAPPE ASSOCIATES INC		2,679.00		03/31/2023
13291	03/03/2023	PRINTED	001059 KCI TECHNOLOGIES, INC.		30,003.50		03/31/2023
13292	03/03/2023	PRINTED	001757 LINDE GAS & EQUIPMEN		52.83		03/31/2023
13293	03/03/2023	PRINTED	001717 RIVERVIEW TREE FARM LLC		280.00		03/31/2023
13294	03/03/2023	PRINTED	001271 SHIREMAN, CHUCK		185.00		03/31/2023
13295	03/08/2023	PRINTED	000889 VOYA FINANCIAL		45,843.96		03/31/2023
13296	03/13/2023	PRINTED	001160 THE BENECON GROUP INC.		216,639.08		03/31/2023
13297	03/13/2023	PRINTED	000089 CITY TREASURER		1,019.20		03/31/2023
13298	03/13/2023	PRINTED	000124 DENNIS SALES & SERVICE IN		9,998.00		03/31/2023
13299	03/13/2023	PRINTED	001018 GAPVAX, INC.		3,414.38		03/31/2023
13300	03/13/2023	PRINTED	001659 GES AUTOMATION TECHNOLOGY		5,547.50		03/31/2023
13301	03/13/2023	PRINTED	001397 INSIGHT		26,620.00		03/31/2023
13302	03/13/2023	PRINTED	001832 AEGION CORPORATION		1,283,950.97		03/31/2023
13303	03/13/2023	PRINTED	001833 LEADERSHIP HARRISBURG ARE		12,000.00		03/31/2023
13304	03/13/2023	PRINTED	001727 LECH BROTHERS		53,515.00		03/31/2023
13305	03/13/2023	PRINTED	000309 OCCUPATIONAL HEALTH CENTE		59.00		03/31/2023
13306	03/13/2023	PRINTED	999992 COMPTROLLER OPERATIONS		18,961.80		03/31/2023
13307	03/13/2023	PRINTED	999992 DAGNARUE PACHECO GRACIA		134.76		03/31/2023
13308	03/13/2023	PRINTED	999992 NANCY CALAMAN		289.11		03/31/2023
13309	03/13/2023	PRINTED	999992 PHEAA		102,717.13		03/31/2023
13310	03/13/2023	PRINTED	999992 XVL PROPERTIES		200.00		03/31/2023
13311	03/13/2023	PRINTED	000363 R. F. FAGER COMPANY		386.88		03/31/2023
13312	03/13/2023	PRINTED	000964 SUSQUEHANNA TOWNSHIP		2,800.84		03/31/2023
13313	03/13/2023	PRINTED	000456 TRAFFIC CONTROL SERVICES		8,416.00		03/31/2023
13314	03/13/2023	PRINTED	001456 WIZZARD DRAIN CLEANING LL		275.00		03/31/2023
13315	03/13/2023	PRINTED	000489 YEAGER SUPPLY, INC.		9,956.81		03/31/2023
13316	03/17/2023	PRINTED	000042 AT & T MOBILITY		950.75		03/31/2023
13317	03/17/2023	PRINTED	001835 BETHEL-MILLER, MICHELLE		107.42		03/31/2023
13318	03/17/2023	PRINTED	000090 CITY TREASURER		15,640.00		03/31/2023
13319	03/17/2023	PRINTED	000089 CITY TREASURER		3,304.40		03/31/2023
13320	03/17/2023	PRINTED	001673 CLIFTON ERNEST SMITH		3,000.00		03/31/2023
13321	03/17/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA		15.00		03/31/2023
13322	03/17/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA		15.25		03/31/2023
13323	03/17/2023	PRINTED	000138 EHRLICH		69.96		03/31/2023
13324	03/17/2023	PRINTED	000154 FEDEX		79.88		03/31/2023
13325	03/17/2023	PRINTED	000881 CAPITAL REGION WATER/ PET		90.31		03/31/2023
13326	03/17/2023	PRINTED	001688 VERIZON CONNECT NWF INC		1,586.00		03/31/2023
13327	03/17/2023	PRINTED	000486 XEROX CORPORATION		2,179.01		03/31/2023
13328	03/24/2023	PRINTED	001644 ASSOCIATED PRODUCTS, INC	91.00			
13329	03/24/2023	PRINTED	001121 BEST LINE LEASING, INC		22,680.03		03/31/2023
13330	03/24/2023	PRINTED	001650 BROWN AND CALDWELL	44,980.66			
13331	03/24/2023	PRINTED	001548 PROCESS CONTROL SPECIALIS	3,628.00			
13332	03/24/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA	90.00			
13333	03/24/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA	90.00			
13334	03/24/2023	PRINTED	000414 DAUPHIN COUNTY PROTHONOTA	15.25			
13335	03/24/2023	PRINTED	000138 EHRLICH	145.96			

AP CHECK RECONCILIATION REGISTER

FOR CASH ACCOUNT: 00 10150

FOR: All Except Stale

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
13336	03/24/2023	PRINTED	001408 FARHAT EXCAVATING, LLC		116,528.04		03/31/2023
13337	03/24/2023	PRINTED	001018 GAPVAX, INC.	4,928.44			
13338	03/24/2023	PRINTED	001431 GLATFELTER CLAIMS MANAGEM	819.43			
13339	03/24/2023	PRINTED	001427 HEISEY MECHANICAL, LTD.		274,958.17		03/31/2023
13340	03/24/2023	PRINTED	000215 HOFFMAN FORD SALES INC.	4,395.01			
13341	03/24/2023	PRINTED	001715 INSIGHT GLOBAL FINANCE	13,954.34			
13342	03/24/2023	PRINTED	001757 LINDE GAS & EQUIPMEN	252.67			
13343	03/24/2023	PRINTED	000286 MONARCH PRODUCTS CO., INC	1,320.00			
13344	03/24/2023	PRINTED	000302 NEW YORK LIFE INSURANCE C	207.82			
13345	03/24/2023	PRINTED	000304 NICHOLSON EQUIPMENT	344.37			
13346	03/24/2023	PRINTED	000333 PENNSYLVANIA MUNICIPAL AU	140.00			
13347	03/24/2023	PRINTED	000334 PENNSYLVANIA MUNICIPAL RE	20.00			
13348	03/24/2023	PRINTED	000363 R. F. FAGER COMPANY		682.90		03/31/2023
13349	03/24/2023	PRINTED	001717 RIVERVIEW TREE FARM LLC	980.00			
13350	03/24/2023	PRINTED	001271 SHIREMAN, CHUCK		100.00		03/31/2023
13351	03/24/2023	VOID	000463 UNITED CONCORDIA	.00			
13352	03/24/2023	PRINTED	001351 WEXCON, INC.	189,030.58			
13353	03/24/2023	PRINTED	001829 WYELECTRIC, LLC		41,710.75		03/31/2023
2005436	03/01/2023	EFT	000431 THE BANK OF NEW YORK		1,127,916.67		03/31/2023
2005437	03/03/2023	EFT	000014 AECOM TECHNICAL SERVICES,		39,636.48		03/31/2023
2005438	03/03/2023	EFT	001290 ROBERT A. HOARE		225.00		03/31/2023
2005439	03/03/2023	EFT	000076 CARLISLE CONSULTING GROUP		1,718.12		03/31/2023
2005440	03/03/2023	EFT	000886 CDM SMITH		50,219.91		03/31/2023
2005441	03/03/2023	EFT	000086 CINTAS CORPORATION		538.59		03/31/2023
2005442	03/03/2023	EFT	001482 EMPIRE COMMUNICATION SYST		243.44		03/31/2023
2005443	03/03/2023	EFT	000152 FASTENAL COMPANY		1,302.59		03/31/2023
2005444	03/03/2023	EFT	000157 FILSON WATER, LLC		235.00		03/31/2023
2005445	03/03/2023	EFT	001305 FISHER AUTO PARTS, INC		57.70		03/31/2023
2005446	03/03/2023	EFT	000909 GANNETT FLEMING COMPANIES		12,957.18		03/31/2023
2005447	03/03/2023	EFT	001669 HADFIELD ELEVATOR, LLC		995.00		03/31/2023
2005448	03/03/2023	EFT	001785 HDR ENGINEERING, INC		3,180.50		03/31/2023
2005449	03/03/2023	EFT	000218 HORNUNG'S TRUE VALUE, INC		135.53		03/31/2023
2005450	03/03/2023	EFT	000240 KBS INC.		20,953.98		03/31/2023
2005451	03/03/2023	EFT	001719 LEER ELECTRIC, INC.		3,034.06		03/31/2023
2005452	03/03/2023	EFT	000834 LEYVA, ANGELA		27.56		03/31/2023
2005453	03/03/2023	EFT	000270 MATERIAL MATTERS, INC.		5,517.50		03/31/2023
2005454	03/03/2023	EFT	000308 NATIONAL VISION ADMINISTR		1,390.05		03/31/2023
2005455	03/03/2023	EFT	001825 PACE ANALYTICAL SERVICES,		673.00		03/31/2023
2005456	03/03/2023	EFT	000971 RAFTELIS FINANCIAL CONSUL		4,350.00		03/31/2023
2005457	03/03/2023	EFT	000364 RANDSTAD PROFESSIONALS		2,417.19		03/31/2023
2005458	03/03/2023	EFT	000377 ROGEE, INC.		5,887.08		03/31/2023
2005459	03/03/2023	EFT	000385 SCHAEGLER YESCO DISTRIBUT		1,008.42		03/31/2023
2005460	03/03/2023	EFT	000411 DAYTON PARTS LLC		606.51		03/31/2023
2005461	03/03/2023	EFT	000426 TALLEY PETROLEUM ENTERPRI		472.74		03/31/2023
2005462	03/03/2023	EFT	000465 UNIVAR USA INC.		19,668.13		03/31/2023
2005463	03/03/2023	EFT	000472 VIEUX & ASSOCIATES, INC.		4,000.00		03/31/2023
2005464	03/03/2023	EFT	001554 WB MASON COMPANY INC.		139.12		03/31/2023
2005465	03/13/2023	EFT	000003 A&H EQUIPMENT		5,988.71		03/31/2023
2005466	03/13/2023	EFT	001702 YESENIA BANE		5,000.00		03/31/2023
2005467	03/13/2023	EFT	000074 CAPITAL REGION WATER		71,282.75		03/31/2023
2005468	03/13/2023	EFT	000086 CINTAS CORPORATION		847.70		03/31/2023
2005469	03/13/2023	EFT	001777 CLARK SERVICE GROUP, INC.		425.00		03/31/2023

AP CHECK RECONCILIATION REGISTER

FOR CASH ACCOUNT: 00

10150

FOR: All Except Stale

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
2005470	03/13/2023	EFT	000152 FASTENAL COMPANY		173.62		03/31/2023
2005471	03/13/2023	EFT	001830 GOVERNMENT MANAGEMENT SER		13,225.80		03/31/2023
2005472	03/13/2023	EFT	000181 GRAINGER INC.		304.78		03/31/2023
2005473	03/13/2023	EFT	000186 GROFF TRACTOR & EQUIPMENT		3,631.70		03/31/2023
2005474	03/13/2023	EFT	001418 HELLER'S GAS, INC		118.38		03/31/2023
2005475	03/13/2023	EFT	000205 HERBERT ROWLAND & GRUBIC		140,067.97		03/31/2023
2005476	03/13/2023	EFT	000218 HORNUNG'S TRUE VALUE, INC		294.45		03/31/2023
2005477	03/13/2023	EFT	000240 KBS INC.		14,605.46		03/31/2023
2005478	03/13/2023	EFT	000247 L/B WATER SERVICE INC.		23,964.71		03/31/2023
2005479	03/13/2023	EFT	000257 LINK COMPUTER CORPORATION		6,453.70		03/31/2023
2005480	03/13/2023	EFT	000270 MATERIAL MATTERS, INC.		6,459.38		03/31/2023
2005481	03/13/2023	EFT	000931 MCNEES WALLACE & NURICK L		318.00		03/31/2023
2005482	03/13/2023	EFT	001632 MOMENTUM TELECOM, INC		606.40		03/31/2023
2005483	03/13/2023	EFT	001676 MICHAEL D GONZALEZ		3,071.34		03/31/2023
2005484	03/13/2023	EFT	000358 PUBLIC RESOURCES ADVISORY		4,843.75		03/31/2023
2005485	03/13/2023	EFT	000377 ROGEE, INC.		9,564.59		03/31/2023
2005486	03/13/2023	EFT	000385 SCHAEGLER YESCO DISTRIBUT		2,123.05		03/31/2023
2005487	03/13/2023	EFT	001768 SECUREWIRE TECHNOLOGIES L		423.00		03/31/2023
2005488	03/13/2023	EFT	000396 SHANNON CHEMICAL CORPORAT		82,644.85		03/31/2023
2005489	03/13/2023	EFT	000426 TALLEY PETROLEUM ENTERPRI		7,222.38		03/31/2023
2005490	03/13/2023	EFT	000467 USA BLUEBOOK		1,507.83		03/31/2023
2005491	03/13/2023	EFT	001466 USALCO, LLC		5,454.68		03/31/2023
2005492	03/13/2023	EFT	001276 VERIFIED FIRST, LLC		384.11		03/31/2023
2005493	03/13/2023	EFT	001554 WB MASON COMPANY INC.		1,683.83		03/31/2023
2005494	03/17/2023	EFT	000003 A&H EQUIPMENT		2,238.66		03/31/2023
2005495	03/17/2023	EFT	000074 CAPITAL REGION WATER		24,729.25		03/31/2023
2005496	03/17/2023	EFT	000086 CINTAS CORPORATION		1,392.00		03/31/2023
2005497	03/17/2023	EFT	001587 CSL SERVICES, INC		7,780.00		03/31/2023
2005498	03/17/2023	EFT	001561 THEODORE L. VEDOCK		1,907.35		03/31/2023
2005499	03/17/2023	EFT	000218 HORNUNG'S TRUE VALUE, INC		84.45		03/31/2023
2005500	03/17/2023	EFT	001464 JIVE COMMUNICATIONS INC.		2,583.15		03/31/2023
2005501	03/17/2023	EFT	001496 MARTIN ENERGY GROUP		746.25		03/31/2023
2005502	03/17/2023	EFT	000270 MATERIAL MATTERS, INC.		11,216.11		03/31/2023
2005503	03/17/2023	EFT	001764 MICROSPRING COMMERCE, COR		2,680.00		03/31/2023
2005504	03/17/2023	EFT	001617 NCR PAYMENT SOLUTIONS COR		7,669.72		03/31/2023
2005505	03/17/2023	EFT	001502 PETROCARD		11,449.49		03/31/2023
2005506	03/17/2023	EFT	001003 PVS TECHNOLOGIES, INC		10,141.36		03/31/2023
2005507	03/17/2023	EFT	000411 DAYTON PARTS LLC		727.90		03/31/2023
2005508	03/17/2023	EFT	001554 WB MASON COMPANY INC.		298.07		03/31/2023
2005509	03/17/2023	EFT	000482 WITMER PUBLIC SAFETY GROU		567.78		03/31/2023
2005510	03/24/2023	EFT	000014 AECOM TECHNICAL SERVICES,		64,019.42		03/31/2023
2005511	03/24/2023	EFT	000029 ALS		3,335.00		03/31/2023
2005512	03/24/2023	EFT	001574 BARNES & THORNBURG LLP		19,112.50		03/31/2023
2005513	03/24/2023	EFT	000086 CINTAS CORPORATION		828.04		03/31/2023
2005514	03/24/2023	EFT	001305 FISHER AUTO PARTS, INC		6.82		03/31/2023
2005515	03/24/2023	EFT	000182 GRAYBAR ELECTRIC COMPANY		350.89		03/31/2023
2005516	03/24/2023	EFT	001785 HDR ENGINEERING, INC		6,750.50		03/31/2023
2005517	03/24/2023	EFT	000240 KBS INC.		13,429.98		03/31/2023
2005518	03/24/2023	EFT	001610 KNOWBE4		3,278.88		03/31/2023
2005519	03/24/2023	EFT	000247 L/B WATER SERVICE INC.		8,432.72		03/31/2023
2005520	03/24/2023	EFT	001282 LAUREL VALLEY GRAPHICS, I		12,170.62		03/31/2023
2005521	03/24/2023	EFT	001825 PACE ANALYTICAL SERVICES,		221.00		03/31/2023

AP CHECK RECONCILIATION REGISTER

FOR CASH ACCOUNT: 00 10150

FOR: All Except Stale

CHECK #	CHECK DATE	TYPE	VENDOR NAME	UNCLEARED	CLEARED	BATCH	CLEAR DATE
2005522	03/24/2023	EFT	000332 PENNSY SUPPLY INC.		1,334.57		03/31/2023
2005523	03/24/2023	EFT	000377 ROGELE, INC.		159,744.90		03/31/2023
2005524	03/24/2023	EFT	000385 SCHAEGLER YESCO DISTRIBUT		3,462.89		03/31/2023
2005525	03/24/2023	EFT	000393 SERVICE TIRE TRUCK CENTER		3,182.19		03/31/2023
2005526	03/24/2023	EFT	000411 DAYTON PARTS LLC		988.28		03/31/2023
2005527	03/24/2023	EFT	000465 UNIVAR USA INC.		18,521.54		03/31/2023
2005528	03/24/2023	EFT	000467 USA BLUEBOOK		1,400.42		03/31/2023
2005529	03/24/2023	EFT	001630 WATER TREATMENT BY DESIGN		1,187.50		03/31/2023
2005530	03/24/2023	EFT	001554 WB MASON COMPANY INC.		253.01		03/31/2023
5995468	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		80.11		03/31/2023
5995590	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		1,800.46		03/31/2023
5995651	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		265.82		03/31/2023
5995653	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		169.62		03/31/2023
5995664	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		6,854.73		03/31/2023
5995681	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		2,156.19		03/31/2023
5995687	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		626.39		03/31/2023
5995765	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		905.57		03/31/2023
5995830	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		3,661.18		03/31/2023
5995841	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		1,347.19		03/31/2023
5995849	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		401.99		03/31/2023
5995926	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		1,668.81		03/31/2023
5995933	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		27.73		03/31/2023
5995950	03/03/2023	MANUAL	000462 UGI UTILITIES INC.		515.95		03/31/2023
23030307	03/03/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		5,736.52		03/31/2023
23030376	03/03/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		484.26		03/31/2023
23030386	03/03/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		16.50		03/31/2023
23032246	03/22/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		15.54		03/31/2023
23032268	03/22/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		104.98		03/31/2023
23032271	03/22/2023	MANUAL	000349 PPL ELECTRIC UTILITIES		43.33		03/31/2023
47032423	03/24/2023	MANUAL	000470 VERIZON		82.06		03/31/2023
127230323	03/03/2023	MANUAL	001272 WASTE MANAGEMENT OF PENNS		8,592.31		03/31/2023
130230323	03/03/2023	MANUAL	001302 CONSTELLATION NEWENERGY,		30,829.04		03/31/2023
130231723	03/17/2023	MANUAL	001302 CONSTELLATION NEWENERGY,		67,472.94		03/31/2023
133532223	03/02/2023	MANUAL	001335 MUTUAL OF OMAHA INSURANCE		6,368.78		03/31/2023
463032423	03/24/2023	MANUAL	000463 UNITED CONCORDIA		9,830.52		03/31/2023
470030223	03/02/2023	MANUAL	000470 VERIZON		81.30		03/31/2023
470030323	03/03/2023	MANUAL	000470 VERIZON		327.58		03/31/2023
470030623	03/06/2023	MANUAL	000470 VERIZON		6,023.20		03/31/2023
470031723	03/17/2023	MANUAL	000470 VERIZON		6,170.28		03/31/2023
470032423	03/24/2023	MANUAL	000470 VERIZON		331.44		03/31/2023
800678899	03/24/2023	MANUAL	001272 WASTE MANAGEMENT OF PENNS		3,274.51		03/31/2023
876030323	03/03/2023	MANUAL	000876 AMERICAN FAMILY LIFE ASSU		3,600.02		03/31/2023
956031723	03/17/2023	MANUAL	000956 VEOLIA		1,918.78		03/31/2023
199 CHECKS CASH ACCOUNT TOTAL				265,433.53	4,627,733.41		

AP CHECK RECONCILIATION REGISTER

		UNCLEARED	CLEARED
199 CHECKS	FINAL TOTAL	265,433.53	4,627,733.41

** END OF REPORT - Generated by Jennifer Oneill **



2022 and 2023 Drinking Water Capital Improvement Projects

2023 WATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2023 Budget	Life to Date	Year to Date As of 03/31/2023	Available Balance
60800801-80100-00006	Mountain Line Repairs	82,500	39,996	1,146	81,354
60800801-80100-00015	Water Main Replacement	-	8,894,881	18,607	(18,607)
60800801-80100-00016	Water Main Condition Assessmen	100,000	277,477	-	100,000
60800801-80100-00050	DeHart Spillway Improvements	-	570,659	-	-
60800801-80100-00081	Cameron Street Water Main	-	10,279,035	-	-
60800801-80100-00092	Liquid Fluoride Chemical Feed	-	441,842	-	-
60800801-80100-00101	Bottle Filler Station & Building	-	71,392	-	-
60800801-80100-00105	Automatic Meter Reading Tower	12,900	-	-	12,900
60800801-80100-00118	PennDOT I-83 Expansion	24,500	176,982	-	24,500
60800801-80100-00122	Soda Ash Conversion	-	32,189	-	-
60800801-80100-00226	2022 Water System Improvements (PV)	2,843,662	672,214	305,687	2,537,975
60800801-80100-00228	Cameron Street Water Main Imp (PV)	6,348,000	210,367	43,841	6,304,159
60800801-80100-00229	Wtr Mtr Network Conversion PV	1,650,000	21,878	10,670	1,639,330
60800801-80100-00230	DeHart Dam Improv. Proj. (PV)	445,000	301,489	90,916	354,084
60800803-80300-00303	Flocculation Equipment Upgrade	641,859	1,384,090	323,960	317,899
	TOTAL	\$ 12,148,421	\$ 3,084,493	\$ 794,828	\$ 11,353,593

Percentage Complete To Date 6.54%

2022 WATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2022 Budget	Life to Date	Year to Date As of 12/31/2022	Available Balance
60800801-80100-00006	Mountain Line Repairs	165,000	38,850	24,159	140,841
60800801-80100-00015	Water Main Replacement	2,750,000	8,876,274	2,491,806	258,194
60800801-80100-00016	Water Main Condition Assessmen	100,000	277,477	106,198	(6,198)
60800801-80100-00050	DeHart Spillway Improvements	626,000	570,659	-	626,000
60800801-80100-00081	Cameron Street Water Main	1,824,000	10,279,035	2,728,711	(904,711)
60800801-80100-00092	Liquid Fluoride Chemical Feed	-	441,842	-	-
60800801-80100-00101	Bottle Filler Station & Building	-	71,392	2,451	(2,451)
60800801-80100-00105	Automatic Meter Reading Tower	50,000	-	-	50,000
60800801-80100-00118	PennDOT I-83 Expansion	119,000	176,982	35,410	83,590
60800801-80100-00122	Soda Ash Conversion	10,000	32,189	537	9,463
60800801-80100-00226	2022 Water System Improvements (PV)	-	366,527	366,527	(366,527)
60800801-80100-00228	Cameron Street Water Main Imp (PV)	-	166,527	166,527	(166,527)
60800801-80100-00229	Wtr Mtr Network Conversion PV	-	11,208	11,208	(11,208)
60800801-80100-00230	DeHart Dam Improv. Proj. (PV)	-	210,573	210,573	(210,573)
60800803-80300-00303	Flocculation Equipment Upgrade	1,864,000	996,942	996,942	867,058
			-	-	
	TOTAL	\$ 7,508,000	\$ 21,248,408	\$ 7,141,048	\$ 366,952

Percentage Complete To Date 95.11%



2022 and 2023 Wastewater Capital Improvement Projects

2023 WASTEWATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2023 Budget	Life to Date	Year to Date As of 03/31/2023	Available Balance
80800801-80100-00020	Primary Digester Rehabilitation	-	11,610,197	(590)	590
80800801-80100-00023	AWTF Energy Recovery Improv	8,074,562	1,592,747	-	8,074,562
80800801-80100-00024	Primary Clarifier Improvement	168,000	789,394	(6,120)	174,120
80800801-80100-00025	Front St Pump Station Des/Cons	-	13,296,948	5,548	(5,548)
80800801-80100-00026	Collection System Rehab	1,707,000	14,002,409	321,679	1,385,321
80800801-80100-00028	Paxton Creek Interceptor Repair	465,000	495,457	-	465,000
80800801-80100-00061	Arsenal Boulevard Sewer Improvement	2,689,400	230,441	2,877	2,686,523
80800801-80100-00065	Other Multi-Modal CCTV Investi	500,000	1,697,825	-	500,000
80800801-80100-00083	Front St Interceptor Rehab P2	16,017,826	2,214,267	290,525	15,727,301
80800801-80100-00115	PennDOT 1-83 Expansion	405,000	332,365	12,005	392,995
80800801-80100-00126	3rd & Wiconisco Separation	230,000	16,140	-	230,000
80800801-80100-00127	Ww Sewer Rehab Pennvest \$21M	3,993,881	140,318	140,318	3,853,563
80800801-80100-00128	Primary Digester Insulation	500,000	-	-	500,000
80800801-80100-00132	Sewer PV \$21M - Phase 2		21,367	21,367	(21,367)
	TOTAL	\$ 34,750,669	\$ 21,511,364	\$ 787,609	\$ 33,963,060

Percentage Complete To Date 2.27%

2022 WASTEWATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2022 Budget	Life to Date	Year to Date As of 12/31/2022	Available Balance
80800801-80100-00020	Primary Digester Rehabilitation	427,838	11,610,787	632,656	(204,818)
80800801-80100-00023	AWTF Energy Recovery Improv	2,400,000	1,592,747	202,729	2,197,271
80800801-80100-00024	Primary Clarifier Improvement	168,000	795,514	7,950	160,050
80800801-80100-00025	Front St Pump Station Des/Cons	366,875	13,291,400	82,094	284,781
80800801-80100-00026	Collection System Rehab	9,725,260	13,680,729	3,352,243	6,373,017
80800801-80100-00028	Paxton Creek Interceptor Repair	350,000	495,457	5,306	344,694
80800801-80100-00061	Arsenal Boulevard Sewer Improvement	991,000	227,564	68,746	922,254
80800801-80100-00065	Other Multi-Modal CCTV Investi	500,000	1,697,825	490,048	9,952
80800801-80100-00083	Front St Interceptor Rehab P2	15,409,000	1,923,742	1,388,029	14,020,971
80800801-80100-00115	PennDOT 1-83 Expansion	48,000	320,360	87,449	(39,449)
80800801-80100-00126	3rd & Wiconisco Separation	435,000	16,140	16,140	418,860
80800801-80100-00127	Ww Sewer Rehab Pennvest \$21M	-	4,133,481	4,133,481	(4,133,481)
	TOTAL	\$ 30,820,973	\$ 45,652,266	\$ 10,466,872	\$ 20,354,101

Percentage Complete To Date 33.96%



2022 and 2023 Stormwater Capital Improvement Projects

2023 STORMWATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2023 Budget	Life to Date	Year to Date As of 03/31/2023	Available Balance
90800801-80100-00085	City Parks GSI	-	447,334	-	-
90800801-80100-00087	Camp Curtin Big Green Blok GSI	588,904	234,453	201,231	387,673
90800801-80100-00091	Paxton Crk TMDL Joint PRP MS4	180,400	329,354	-	180,400
90800801-80100-00108	SW Pond Retrofit - Bellevue Pa	292,874	536,106	270,296	22,578
90800801-80100-00124	PennVest Pro-Fi Phase 4	2,901,302	345,773	-	2,901,302
90800801-80100-00125	PennVest Pro-Fi Phase 5	770,000	9,931	9,931	760,069
90800801-80100-00130	PHEAA Campus GSI	37,000	-	-	37,000
90800801-80100-00131	Reservoir Park - Phase 2 GSI	150,000	-	-	150,000
	TOTAL	\$ 4,920,480	\$ 1,455,617	\$ 481,458	\$ 4,439,022

Percentage Complete To Date 9.78%

2022 STORMWATER CAPITAL IMPROVEMENT PROJECTS

MUNIS Project Code	Description	2022 Budget	Life to Date	Year to Date As of 12/31/2022	Available Balance
90800801-80100-00084	3rd Street Multimodal GSI	-	53,784	30,099	(30,099)
90800801-80100-00085	City Parks GSI	-	448,438	1,104	(1,104)
90800801-80100-00087	Camp Curtin Big Green Blok GSI	2,197,000	1,380,442	1,347,220	849,780
90800801-80100-00089	South Allison Hill GSI	-	1,518,258	3,633	(3,633)
90800801-80100-00090	Sw 2nd/7th Streets Multimodal		146,084	146,084	
90800801-80100-00091	Paxton Crk TMDL Joint PRP MS4	206,620	631,127	301,773	(95,153)
90800801-80100-00108	SW Pond Retrofit - Bellevue Pa	1,396,000	1,341,386	1,075,575	320,425
90800801-80100-00119	PennDOT I-83 Expansion	-	12,377	11,993	(11,993)
90800801-80100-00124	PennVest Pro-Fi Phase 4	3,464,510	567,793	222,020	3,242,490
90800801-80100-00125	PennVest Pro-Fi Phase 5	300,000	257,896	257,896	42,104
	TOTAL	\$ 7,564,130	\$ 4,178,644	\$ 3,397,398	\$ 4,312,817

Percentage Complete To Date 44.91%



Income Statement

Administrative Fund



**Capital Region Water
Admin Fund
Income Statement - Consolidated
March 2023**

Account Groups	March				Year To Date				Annual	
	Actual	Monthly Budget	Prior Year Actual	Variance To Budget Favorable (Unfavorable)	Actual	YTD Budget Forecast	Prior YTD Actual	Variance To Budget Favorable (Unfavorable)	Budget	Expended
OPERATING INCOME										
Administrative Fees	530,338	553,449	409,953	(23,111)	1,528,119	1,639,893	1,359,289	(111,775)	6,761,407	23%
Other Income	2,829	1,899	103,361	930	6,352	10,217	108,210	(3,865)	19,589	32%
Operating Income	533,167	555,348	513,314	(22,181)	1,534,471	1,650,110	1,467,499	(115,639)	6,780,996	23%
OPERATING EXPENSE										
Compensation & Benefits	419,185	455,005	410,086	35,820	1,224,853	1,333,433	1,169,769	108,580	5,503,249	22%
General & Administration	16,602	21,273	13,332	4,671	75,846	69,853	47,655	(5,993)	255,394	30%
Community Outreach	984	1,725	4,609	741	3,126	5,375	14,753	2,249	22,200	14%
Utilities	3,825	2,442	(885)	(1,383)	9,300	8,025	424	(1,275)	34,500	0%
Business Insurance	7,164	7,164	6,615	-	21,492	21,492	19,645	-	98,712	22%
Information Technology	14,154	10,779	9,075	(3,375)	36,204	49,939	39,532	13,735	157,700	23%
Maintenance & Repair	801	2,058	1,548	1,257	2,255	4,573	2,786	2,318	16,500	14%
Contracted Services	3,418	3,565	3,406	147	10,687	11,883	10,630	1,196	59,416	18%
Professional Services	33,135	9,229	30,522	(23,906)	46,653	23,712	53,809	(22,941)	157,725	30%
Office Equipment	416	583	412	167	416	1,750	482	1,334	7,000	6%
Treasury Billing	27,779	32,200	33,740	4,421	92,086	94,600	98,131	2,514	381,600	24%
Treasury Collection	5,705	5,200	-	(505)	11,554	13,100	1,400	1,546	37,500	31%
Operating Expense	533,168	551,223	512,460	18,055	1,534,472	1,637,735	1,459,016	103,263	6,731,496	23%
NET OPERATING POSITION	(1)	4,125	854	(4,126)	(1)	12,375	8,483	(12,376)	49,500	0%
Capital Expense	-	4,125	570	4,125	-	12,375	8,200	12,375	49,500	0%
NET POSITION	(1)	-	284	(1)	(1)	0	283	(1)	(0)	
Total Income	533,167	555,348	513,314	(22,181)	1,534,471	1,650,110	1,467,499	(115,639)	6,780,996	23%
Total Expense	533,168	555,348	513,030	22,180	1,534,472	1,650,110	1,467,216	115,638	6,780,996	23%
Net Position	(1)	-	284	(1)	(1)	-	283	(1)	(0)	



Income Statement

Drinking Water Fund



**Capital Region Water
Water Fund
Income Statement - Consolidated
March 2023**

Account Groups	March				Year To Date				Annual	
	Actual	Monthly Budget	Prior Year Actual	Variance To Budget Favorable (Unfavorable)	Actual	YTD Budget Forecast	Prior YTD Actual	Variance To Budget Favorable (Unfavorable)	Budget	Expended
OPERATING INCOME										
City Rate Revenue	1,889,421	1,811,683	1,753,942	77,738	5,639,374	5,561,913	5,260,430	77,461	22,446,804	25%
Suburban Revenue	322,805	283,148	321,108	39,657	884,311	816,260	861,648	68,051	3,450,433	26%
Miscellaneous Income	64,704	72,969	73,191	(8,265)	192,872	201,043	212,568	(8,171)	781,950	25%
Operations Income	25,871	30,385	24,848	(4,514)	48,208	70,755	61,245	(22,548)	243,146	20%
Operating Income	2,302,800	2,198,185	2,173,089	104,615	6,764,764	6,649,971	6,395,891	114,793	26,922,333	25%
OPERATING EXPENSE										
Compensation & Benefits	319,662	306,911	294,206	(12,751)	907,432	917,755	875,694	10,323	3,740,926	24%
General & Administration	5,599	8,838	10,002	3,239	30,694	29,870	28,353	(825)	112,000	27%
Chemicals/Laboratory	42,371	40,600	49,955	(1,771)	116,745	88,440	74,279	(28,305)	468,000	25%
Utilities	64,657	79,500	88,690	14,843	285,529	254,100	285,651	(31,429)	932,000	31%
Business Insurance	30,543	50,543	31,279	20,000	91,629	111,629	92,837	20,000	429,999	21%
Information Technology	6,481	8,160	8,042	1,679	24,128	23,262	22,874	(866)	81,220	30%
Maintenance & Repair	54,529	57,547	82,378	3,018	142,554	126,061	148,622	(16,493)	592,791	24%
Contract Services	6,389	13,000	17,615	6,612	20,289	31,320	30,096	11,031	174,000	12%
Water Meters	-	1,083	-	1,083	-	3,250	2,624	3,250	13,000	0%
Professional Services	45,691	25,800	17,425	(19,891)	53,411	53,625	32,961	214	525,250	10%
Other Indirect Fees	264,254	276,565	208,772	12,310	760,921	817,544	692,186	56,623	3,393,545	22%
Operations Equipment	-	5,050	10,655	5,050	2,697	10,300	17,672	7,603	35,000	8%
Bond Issuance/ Trustee Fees	-	-	-	-	1,750	-	-	(1,750)	16,000	11%
Operating Expense	840,177	873,597	819,019	33,420	2,437,778	2,467,156	2,303,847	29,377	10,513,731	23%
NET POSITION FROM OPERATIONS	1,462,623	1,324,588	1,354,070	138,035	4,326,986	4,182,816	4,092,044	144,170	16,408,602	26%
Other Operating Income	76,570	50,054	5,453	26,516	213,110	150,162	28,188	62,948	469,974	45%
Other Operating Expense	56,364	30,833	59,284	(25,530)	131,311	94,000	130,769	(37,311)	390,000	34%
Other Contributions	-	-	-	-	-	-	-	-	-	#DIV/0!
Net Other Operating Expense	(20,206)	(19,221)	53,831	986	(81,799)	(56,162)	102,581	25,637	(79,974)	102%
Net Position Before Debt Service	1,482,830	1,343,809	1,300,239	139,021	4,408,784	4,238,978	3,989,462	169,807	16,488,577	27%
Debt Service Income	34,846	24,169	22,558	10,677	118,059	31,927	42,351	86,132	206,000	57%
Debt Service Expense	913,070	916,978	927,394	3,909	2,737,837	2,750,020	2,752,041	12,183	11,023,119	25%
Net Debt Service Expense	878,223	892,809	904,837	14,586	2,619,778	2,718,093	2,709,690	98,315	10,817,119	24%
NET OPERATING POSITION	604,606	450,999	395,402	153,607	1,789,007	1,520,885	1,279,772	268,122	5,671,458	32%
Paygo	-	-	-	-	-	-	-	-	-	#DIV/0!
Capital Funding	-	-	-	-	-	-	-	-	13,673,894	0%
Capital Expense	574,612	1,318,896	511,759	744,284	1,091,672	3,956,687	1,008,418	2,865,015	15,826,747	7%
Net Capital Position	(574,612)	(1,318,896)	(511,759)	744,284	(1,091,672)	(3,956,687)	(1,008,418)	2,865,015	(2,152,853)	51%
NET POSITION FOR RESERVES	29,995	(867,896)	(116,357)	897,891	697,335	(2,435,802)	271,354	3,133,136	3,518,605	20%
Total Income	2,414,216	2,272,408	2,201,099	141,808	7,095,933	6,832,060	6,466,430	263,873	41,272,201	17%
Total Expense	2,384,222	3,140,304	2,317,456	756,083	6,398,599	9,267,862	6,195,076	2,869,263	37,753,597	17%
Net Position	29,995	(867,896)	(116,357)	897,891	697,335	(2,435,802)	271,354	3,133,136	3,518,605	20%



Income Statement

Wastewater Fund



**Capital Region Water
Wastewater Fund
Income Statement - Consolidated
March 2023**

Account Groups	March				Year To Date				Annual	
	Actual	Monthly Budget	Prior Year Actual	Variance To Budget Favorable (Unfavorable)	Actual	YTD Budget Forecast	Prior YTD Actual	Variance To Budget Favorable (Unfavorable)	Budget	Expended
OPERATING INCOME										
City Rate Revenue	1,162,051	1,053,488	1,012,823	108,563	3,082,683	3,020,039	2,704,063	62,644	12,927,000	24%
Public Authority Revenue	880,833	880,833	814,642	0	2,642,500	2,642,499	2,443,926	1	10,570,000	25%
Miscellaneous Income	28,801	26,086	26,942	2,715	100,527	76,980	79,666	23,547	529,215	19%
Operations Income	59,139	76,883	42,946	(17,744)	196,286	189,599	109,581	6,687	879,200	22%
Operating Income	2,130,825	2,037,290	1,897,353	93,535	6,021,996	5,929,117	5,337,236	92,879	24,905,415	24%
OPERATING EXPENSE										
Compensation & Benefits	337,480	347,288	308,745	9,808	1,002,833	1,022,599	923,403	19,765	4,248,886	24%
General & Administration	13,777	14,508	13,768	731	36,092	32,469	28,632	(3,623)	135,700	27%
Chemicals/Laboratory	29,825	49,888	54,022	20,063	126,051	146,454	101,839	20,403	526,000	24%
Utilities	141,483	204,960	276,556	63,477	456,297	580,701	679,262	124,405	2,030,246	22%
Business Insurance	33,564	32,744	33,600	(819)	99,927	107,833	111,288	7,906	465,798	21%
Information Technology	12,429	10,635	13,077	(1,794)	28,208	26,150	32,051	(2,058)	79,670	35%
Maintenance & Repair	25,292	35,553	33,815	10,262	77,634	96,308	83,820	18,674	396,000	20%
Contract Services	44,019	22,200	29,336	(21,819)	73,986	85,850	90,180	11,864	280,000	26%
Water Meters	7,548	7,548	7,282	(0)	22,644	22,643	21,846	(1)	90,571	25%
Professional Services	130,652	122,525	47,585	(8,127)	292,139	297,135	66,563	4,996	1,452,250	20%
Other Indirect Fees	223,055	235,573	195,925	12,519	652,427	698,949	608,445	46,522	2,874,687	23%
Operations Equipment	333	417	-	84	3,901	1,250	516	(2,651)	7,400	53%
Bond Issuance/ Trustee Fees	-	-	-	-	-	-	1,500	-	10,000	0%
Operating Expense	999,455	1,083,839	1,013,711	84,384	2,872,140	3,118,340	2,749,344	246,200	12,597,208	23%
NET POSITION FROM OPERATIONS	1,131,370	953,451	883,642	177,919	3,149,856	2,810,777	2,587,891	339,080	12,308,207	26%
Other Operating Income	28,488	7,660	1,202	20,828	113,602	22,980	3,765	90,622	60,000	189%
Other Operating Expense	11,804	40,517	4,999	28,713	59,646	94,750	21,357	35,104	475,000	13%
Other Contributions	-	-	-	-	-	-	-	-	-	#DIV/0!
Net Other Operating Expense	(16,684)	32,857	3,797	49,541	(53,956)	71,770	17,592	125,726	415,000	-13%
Net Position Before Debt Service	1,148,054	920,595	879,845	227,459	3,203,813	2,739,007	2,570,299	464,806	11,893,207	27%
Debt Service Income	12,250	1,500	68	10,750	39,587	10,000	238	29,587	30,000	132%
Debt Service Expense	418,751	441,857	419,357	23,106	1,269,373	1,324,352	1,256,824	54,979	5,240,524	24%
Net Debt Service Expense	406,502	440,357	419,288	33,855	1,229,786	1,314,352	1,256,586	84,566	5,210,524	24%
NET OPERATING POSITION	741,552	480,238	460,557	261,315	1,974,027	1,424,655	1,313,712	549,372	6,682,682	30%
Capital Funding	-	-	-	-	-	-	-	-	33,312,669	0%
Capital Expense	221,849	3,093,027	1,148,115	2,871,178	896,485	9,279,080	1,353,641	8,382,595	37,116,320	2%
Net Capital Position	(221,849)	(3,093,027)	(1,148,115)	2,871,178	(896,485)	(9,279,080)	(1,353,641)	8,382,595	(3,803,651)	24%
NET POSITION FOR RESERVES	519,703	(2,612,789)	(687,559)	3,132,492	1,077,542	(7,854,425)	(39,929)	8,931,967	2,879,031	37%
Total Income	2,171,562	2,046,450	1,898,624	125,112	6,175,185	5,962,097	5,341,238	213,088	58,308,084	11%
Total Expense	1,651,859	4,659,239	2,586,182	3,007,380	5,097,643	13,816,522	5,381,167	8,718,879	55,429,053	9%
Net Position	519,703	(2,612,789)	(687,559)	3,132,492	1,077,542	(7,854,425)	(39,929)	8,931,967	2,879,031	37%



Income Statement Stormwater Fund



**Capital Region Water
Stormwater
Income Statement - Consolidated
March 2023**

Account Groups	March				Year To Date				Annual	
	Actual	Monthly Budget	Prior Year Actual	Variance To Budget Favorable (Unfavorable)	Actual	YTD Budget Forecast	Prior YTD Actual	Variance To Budget Favorable (Unfavorable)	Budget	Expended
OPERATING INCOME										
City Rate Revenue	464,079	465,319	455,277	(1,240)	1,386,911	1,395,957	1,376,320	(9,046)	5,583,830	25%
Miscellaneous Income	7,450	8,745	8,504	(1,295)	18,348	25,283	24,547	(6,935)	120,898	15%
Operations Income	-	-	-	-	200	-	-	200	-	#DIV/0!
Operating Income	471,529	474,064	463,781	(2,535)	1,405,459	1,421,240	1,400,867	(15,781)	5,704,728	25%
OPERATING EXPENSE										
Compensation & Benefits	125,136	120,675	103,200	(4,462)	373,633	358,602	296,181	(15,032)	1,444,442	26%
General & Administration	13,213	13,427	13,376	213	39,522	40,280	39,569	758	161,120	25%
Business Insurance	2,642	3,058	441	417	7,925	9,175	1,322	1,250	39,065	20%
Information Technology	500	2,500	500	2,000	1,500	3,500	1,500	2,000	8,000	19%
Maintenance & Repair	8,939	6,588	10,081	(2,351)	37,111	25,863	20,247	(11,249)	84,750	44%
Contract Services	20,199	26,733	30,219	6,535	29,953	33,000	30,327	3,047	321,600	9%
Professional Services	77,150	54,250	29,335	(22,900)	137,168	148,750	62,548	11,583	881,400	16%
Other Indirect Fees	69,911	71,938	46,722	2,027	202,098	213,093	154,957	10,995	877,443	23%
Bond Issuance/ Trustee Fees	-	1,500	1,500	1,500	5,000	1,500	1,500	(3,500)	6,500	77%
Operating Expense	317,690	300,668	235,374	(17,021)	833,911	833,762	608,151	(149)	3,824,320	22%
NET POSITION FROM OPERATIONS	153,840	173,396	228,407	(19,556)	571,548	587,478	792,715	(15,930)	1,880,408	30%
Other Operating Income	5,754	6,000	238	(246)	19,679	18,000	652	1,679	47,000	42%
Other Operating Expense	6	-	27	(6)	842	-	36	(842)	-	0%
Net Other Operating Expense	(5,748)	(6,000)	(211)	(252)	(18,836)	(18,000)	(616)	836	(47,000)	40%
Net Position Before Debt Service	159,587	179,396	228,618	(19,808)	590,385	605,478	793,331	(15,093)	1,927,408	31%
Debt Service Expense	2,394	3,802	989	1,408	5,889	10,490	2,967	4,601	65,000	9%
Net Debt Service Expense	2,394	3,802	989	1,408	5,889	10,490	2,967	4,601	65,000	9%
NET OPERATING POSITION	157,193	175,594	227,629	(18,400)	584,496	594,988	790,364	(10,492)	1,862,408	31%
Capital Funding	-	-	-	-	-	-	-	-	4,334,293	0%
Capital Expense	485,410	420,040	159,748	65,370	498,269	1,260,120	186,999	(761,852)	5,040,480	10%
Net Capital Position	(485,410)	(420,040)	(159,748)	(65,370)	(498,269)	(1,260,120)	(186,999)	761,852	(706,187)	71%
NET POSITION FOR RESERVES	(328,216)	(244,446)	67,881	(83,770)	86,227	(665,132)	603,366	751,359	1,156,221	7%
Total Income	477,283	480,064	464,019	(2,781)	1,425,138	1,439,240	1,401,519	(14,102)	10,086,021	14%
Total Expense	805,499	724,510	396,138	(80,989)	1,338,910	2,104,372	798,153	765,462	8,929,800	15%
Net Position	(328,216)	(244,446)	67,881	(83,770)	86,227	(665,132)	603,366	751,359	1,156,221	7%



Balance Sheet Summary

Administrative Fund



**Capital Region Water
Admin Fund
Balance Sheet Summary - Month Over Month
March 2023**

Account	March	February	Change Over Prior Month
ASSETS			
Cash/Cash Equivalent	427,212	407,065	20,147
Accounts Receivable	22,777	22,094	683
AR Allowance	1,735	1,735	-
Due from COH	502,429	502,429	-
Due from other Funds	12,528	178,233	(165,705)
Due from Others	57,837	10,839	46,998
Prepaid Expenses	318,312	326,979	(8,666)
Total Current Assets	1,342,831	1,449,374	(106,544)
Total Restricted Cash Equivalents	250,000	250,000	-
Total Property, Plant & Equipment, Net	283,864	283,864	-
Deferred Outflows of Resources	392,483	392,483	-
TOTAL ASSETS	2,269,178	2,375,722	(106,544)
LIABILITIES			
Due to other Funds	(358,292)	(366,204)	7,912
Acct Pay & Liab	(120,684)	(194,086)	73,402
Due to the City	(82,225)	(81,505)	(720)
Total Current Liabilities	(561,201)	(641,795)	80,594
OPEB Liability	(83,006)	(83,006)	-
Other Long-Term Liabilities	(300,481)	(326,429)	25,949
Total Long-Term Liabilities	(383,487)	(409,435)	25,949
Deferred Inflows of Resources	(124,872)	(124,872)	-
TOTAL LIABILITIES	(1,069,560)	(1,176,103)	106,543
EQUITY			
Net Assets	(1,199,619)	(1,199,619)	-
Fund Balance	2	1	1
Total Equity	(1,199,618)	(1,199,619)	1
TOTAL EQUITY	(1,199,618)	(1,199,619)	1



Balance Sheet Summary

Drinking Water Fund



Capital Region Water Water Fund Balance Sheet Summary - Month Over Month March 2023

Account	March	February	Change Over Prior Month
ASSETS			
Cash/Cash Equivalent	18,282,561	18,521,657	(239,095)
Accounts Receivable	9,492,088	9,513,019	(20,931)
AR Allowance	(4,134,353)	(4,164,957)	30,604
Due from COH	629,957	629,957	-
Due from other Funds	281,447	368,724	(87,276)
Due from Others	40,201	46,049	(5,848)
Prepaid Expenses	212,419	261,321	(48,902)
Inventory Asset	366,033	362,716	3,317
Total Current Assets	25,170,353	25,538,485	(368,132)
Total Restricted Cash Equivalents	21,257,294	20,220,571	1,036,723
Total Property, Plant & Equipment, Net	86,034,251	86,034,251	-
Deferred Outflows of Resources	5,814,253	5,814,253	-
TOTAL ASSETS	138,276,151	137,607,559	668,592
LIABILITIES			
Due to other Funds	(305,663)	(309,470)	3,807
Acct Pay & Liab	(3,560,683)	(2,991,564)	(569,119)
Accrued Interest	(1,947,115)	(1,947,115)	-
Due to the City	(1,549,281)	(1,549,281)	-
Total Current Liabilities	(7,362,742)	(6,797,430)	(565,313)
OPEB Liability	(576,288)	(576,288)	-
Notes Payable	(4,014,550)	(3,941,265)	(73,285)
Bonds Outstanding	(87,528,545)	(87,528,545)	-
Other Long-Term Liabilities	(6,472,369)	(6,472,369)	-
Total Long-Term Liabilities	(98,591,752)	(98,518,467)	(73,285)
Deferred Inflows of Resources	(76,171)	(76,171)	-
TOTAL LIABILITIES	(106,030,665)	(105,392,068)	(638,597)
EQUITY			
Net Assets	(34,343,614)	(34,343,614)	-
Fund Balance	2,098,128	2,128,123	(29,995)
Total Equity	(32,245,486)	(32,215,491)	(29,995)
TOTAL EQUITY	(32,245,486)	(32,215,491)	(29,995)



Balance Sheet Summary

Wastewater Fund



**Capital Region Water
Wastewater Fund
Balance Sheet Summary - Month Over Month
March 2023**

Account	March	February	Change Over Prior Month
ASSETS			
Cash/Cash Equivalent	3,332,763	3,200,083	132,680
Accounts Receivable	8,079,621	9,429,348	(1,349,727)
AR Allowance	(2,309,411)	(2,309,607)	195
Due from COH	1,867,096	1,867,096	-
Due from other Funds	792,943	922,045	(129,102)
Due from Others	19,835	19,836	(1)
Prepaid Expenses	268,715	323,109	(54,394)
Inventory Asset	99,569	110,723	(11,154)
Total Current Assets	12,151,130	13,562,633	(1,411,503)
Total Restricted Cash Equivalents	11,380,027	10,830,006	550,020
Total Property, Plant & Equipment, Net	135,923,626	135,923,626	-
Deferred Outflows of Resources	440,378	440,378	-
TOTAL ASSETS	159,895,161	160,756,643	(861,482)
LIABILITIES			
Due to other Funds	139,244	135,702	3,543
Acct Pay & Liab	(2,780,803)	(4,249,588)	1,468,785
Accrued Interest	(938,781)	(938,781)	-
Due to the City	(3,141,153)	(3,141,153)	-
Total Current Liabilities	(6,721,493)	(8,193,821)	1,472,328
OPEB Liability	(598,887)	(598,887)	-
Notes Payable	(33,888,362)	(33,778,299)	(110,063)
Bonds Outstanding	(45,623,839)	(45,623,839)	-
Other Long-Term Liabilities	(462,437)	(481,358)	18,921
Total Long-Term Liabilities	(80,573,524)	(80,482,382)	(91,142)
Deferred Inflows of Resources	(27,988)	(27,988)	-
TOTAL LIABILITIES	(87,323,006)	(88,704,191)	1,381,185
EQUITY			
Net Assets	(77,534,166)	(77,534,166)	-
Fund Balance	4,962,011	5,481,714	(519,703)
Total Equity	(72,572,155)	(72,052,452)	(519,703)
TOTAL EQUITY	(72,572,155)	(72,052,452)	(519,703)



Balance Sheet Summary

Stormwater Fund



**Capital Region Water
Stormwater
Balance Sheet Summary - Month Over Month
March 2023**

Account	March	February	Change Over Prior Month
ASSETS			
Cash/Cash Equivalent	3,498,357	3,127,155	371,203
Accounts Receivable	1,673,279	1,671,072	2,207
AR Allowance	(989,073)	(990,931)	1,859
Due from COH	0	0	-
Due from other Funds	(250,652)	(229,068)	(21,584)
Due from Others	-	-	-
Prepaid Expenses	26,139	32,396	(6,258)
Inventory Assets	-	-	-
Total Current Assets	3,958,050	3,610,623	347,427
Fixed Assets	17,636,181	17,636,181	-
Accum Depreciation	(948,355)	(948,355)	-
Total Property, Plant & Equipment, Net	16,687,826	16,687,826	-
TOTAL ASSETS	20,645,876	20,298,449	347,427
LIABILITIES			
Due from other Funds	(7,960)	(1,156)	(6,804)
Acct Pay & Accr Liab	(828,927)	(329,524)	(499,403)
Customer Liabilities	-	-	-
Due to the City	-	-	-
Total Current Liabilities	(836,887)	(330,680)	(506,207)
Notes Payable	(3,839,690)	(3,671,253)	(168,436)
Compensated Absences	(2,876)	(2,876)	-
Deferred Revenue	(3,000)	(2,000)	(1,000)
Total Long-Term Liabilities	(3,845,565)	(3,676,129)	(169,436)
TOTAL LIABILITIES	(4,682,452)	(4,006,809)	(675,643)
EQUITY			
Net Assets	(16,670,095)	(16,670,095)	-
Fund Balance	706,671	378,455	328,216
Total Equity	(15,963,424)	(16,291,640)	328,216
TOTAL EQUITY	(15,963,424)	(16,291,640)	328,216



February 2023

Financial Dashboard

Information for this Agenda Item was not available in time for uploading the Board Meeting Documentation to the Intranet for Board Members' review in advance of the April 26, 2023 Regular Meeting.



March 2023

Financial Dashboard

Information for this Agenda Item was not available in time for uploading the Board Meeting Documentation to the Intranet for Board Members' review in advance of the April 26, 2023 Regular Meeting.



Minutes of Previous Meeting

Minutes of Previous Meeting



MINUTES

Regular Meeting

March 22, 2023, at 6:00 p.m.

Page 1 of 16

Regular Meeting (Conducted In-Person and via GoToMeeting)

In Person Attendance:

Board:

J. Marc Kurowski, P.E., Chairperson
Andrew M. Enders, Vice-Chairperson
Garvey Presley, Jr., Secretary
Karen M. Balaban, Treasurer
Nathan W. Davidson, Assistant Secretary/Treasurer

Staff:

Charlotte Katzenmoyer, Chief Executive Officer
David W. Stewart, P.E., Director of Engineering
Michelle Bethel-Miller, Director of Shared Services
Tanya Dierolf, Director of Strategic Initiatives
Jess Rosentel, Director of Operations
Julie Peters, Controller
Tammie Sheaffer, Office Manager
Karen McKillip, Archivist

Virtual Attendance:

Staff:

Douglas E. Keith, Chief Financial Officer
Chad Bingaman, Superintendent of Water Operations
Jeffrey Bowra, P.E., Lead Engineer
Jarvis Brown, Diversity Program Manager

General Counsel:

Scott Wyland, Esquire (Salzmann Hughes, P.C.)

Others:

Caleb Krauter, P.E. (HRG)
Matt Crow, P.E. (Hazen and Sawyer)
Caitlin Cavanagh, EIT (AECOM)
Sarah Folk Ehrman, EIT (Gannett Fleming)
Jeff Thompson, P.E. (WRA)

I. Call to Order - Pledge of Allegiance - Roll Call

The meeting was called to order by Chairperson Kurowski at 6:10 p.m.

Chairperson Kurowski stated that all five Board members were present in person.

General housekeeping items were addressed by the chairperson advising that CRW is using the GoToMeeting platform for virtual meetings for the public. Under CRW's rules of decorum, all persons participating virtually must sign in with their name to properly identify themselves.

CRW posted the agenda 24 hours in advance on the website and accepted public comments via email until 4:00 p.m. the day of the Board meeting. The chairperson reported that CRW did not receive any public comments, therefore, no comments were read into the record.

The chairperson advised that the meeting was being recorded and will be posted on CRW's website at capitalregionwater.com on Thursday, March 23, 2023.

II. Chairperson's Announcements

- A.** An executive session under Section 708(a) of the Sunshine Act was held at 5:30 p.m. to discuss personnel matters and potential claims against Capital Region Water with General Counsel.
- B.** Today's regular meeting was advertised in accordance with the Sunshine Act.
- C.** The next regular meeting is scheduled for Wednesday, April 26, 2023, at 6:00 p.m. and will be held in-person and virtually.

III. Committee Reports

Budget and Finance: For the record and virtual participants, Mr. Kurowski stated that CRW's Chief Financial Officer, Douglas Keith, and General Counsel, Scott Wyland, are participating remotely and may be called upon. Mr. Kurowski reported that the Budget and Finance Committee met on March 20, 2023, and highlighted items listed below.

- The Controller provided an update on CRW's financial dashboard.
- Ready-to-serve proposal with Raftelis was vetted during the meeting and is on tonight's agenda for recommendation.
- Accounts receivable and collection efforts were discussed.
- An adjustment to the PENNVEST Stormwater Pro-Fi Financing, Phase 5 project was vetted. It was noted that approximately \$2.5M of remaining work will be pushed into the next PENNVEST loan due to timing.
- Mr. Keith provided a report on the overview of the February financial reports, along with a slide outlining CRW's financial position.

- CRW's accounts receivable balance through February was up \$73K to \$8.5M. He stated that since the winter moratorium on service terminations began, past due balances have increased \$476,000, with residential customers accounting for 72% of the increase and 19% involving governmental accounts, most likely Commonwealth stormwater fees.

There were no questions or comments from the Board.

Personnel and Shared Services: Mr. Presley reported the committee meeting was held on March 14, 2023, and highlighted items listed below.

- IT updates included additional security added to various pump stations and additional card access to doors.
- Mrs. Bethel-Miller reported there were:
 - 1,410 calls received with an average talk time of 3.24 minutes.
 - 3,986 credit card transactions in February, totaling \$521,451.69.
 - 189 MoneyGram payments in February totaling \$23,624.03.
 - 334 combined drive-thru and walk-in payments in February.
- Customer Assistance Program: There were 52 applications approved in February with eight applications pending review and no rejections. It was noted there are 25 applications from 2022 that remain under review.
- Other Customer Assistance Program updates were provided.
 - CRW's CAP payments received \$10,200.
 - ERAP – This program remains paused.
 - LIHWAP – Payments received in February total \$2,112.28. This program is currently paused, but applications are still being reviewed. CRW may receive additional funding until all applications have been processed.
 - COH CARES – This program is out of funding and closed.
 - PAHAF – Payments received \$9,340.94. This program is temporarily paused while they transition from a third-party administrator to administration by the Pennsylvania Housing Financing Agency (PHFA).
 - The combined total for 2023 for customer assistance is \$21,653.22.
 - A LIHWAP Audit by a third-party vendor was provided. Mrs. Bethel-Miller stated that a third-party vendor performed an audit of any funds received from LIHWAP. To be proactive, CRW assumed this would happen so before the program started, customer service and collections put procedures in place regarding this program. The information must be maintained for four years, and water services were required to be turned on within ninety days and show on the customer's invoice that the adjustment was provided by LIHWAP. The third-party vendor requested a sample of 30 accounts during the audit process. CRW complied and they reported they were impressed with CRW with no exceptions. Mrs. Bethel-Miller stated that since CRW didn't have any exceptions, the audit went through smoothly and LIHWAP is

considering using the procedures utilized by CRW for other organizations. Congratulations to the Customer Service team for their proactive approach and for being on top of all these payments as they were received. LIHWAP funding is currently paused, but the program is eligible for federal funding in fiscal year 2024 for an additional \$500M. CRW is excited to be able to offer this funding and will share additional information as it becomes available.

- PAHAF: A meeting for March 27th was discussed where CRW will apply for additional information and funding on the potential restart of the PAHAF program once it is moved to the Pennsylvania Housing Financing Agency (PHFA). It was noted that the prior third-party administrator received concerns and CRW is looking forward to restarting the PAHAF program through the administration with PHFA. Mrs. Bethel-Miller is hopeful to soon be able to report on that funding being available for our customers. The eligibility for this program has been increased to \$10K for combined assistance for both water and sewer utility invoices. Look for future updates so that our customers may be able to access these funds to pay down or pay off their utility bills.
- Ms. Sibbering presented the recruiting update to the committee. Three new employees were welcomed to CRW this month. Jodi Freeburn, Human Resource Analyst; Miriam Gonzalez-Siegel, Risk Manager and Safety Officer; and Chad Bingaman, Superintendent for the Drinking Water department. Mr. Presley congratulated Darla Boyer who was recently promoted to Customer Service Assistant Manager. There are currently four positions available on the website at <https://capitalregionwater.com/about/careers/>
- There were no reported grievances in February.
- CRW is mid-way through annual performance evaluations for non-bargaining unit employees.
- An Employee Assistance Program (EAP) will be rolled out in April once the new Human Resource Analyst position is filled. A lunch and learn for the EAP will be scheduled in April.
- An amendment to the Drug & Alcohol Policy (Amendment to the Employee Handbook) was discussed and is on tonight's agenda for consideration.
- Senior leadership met with representatives of the Pennsylvania Municipal Retirement System (PMRS) regarding employees' concerns regarding the PMRS pension plan.
- CRW's CEO presented at a Harrisburg City Council meeting regarding CRW's modification to the Partial Consent Decree (PCD).
- Maynard Gardner was recognized as the February Employee of the Month. Both Maynard Gardner and Sean Sauro were nominated for this award.

Mr. Davidson inquired about the pause of the LIHWAP funding. Ms. Katzenmoyer stated there are LIHWAP funds available that other states didn't utilize, and those funds are expected to be redistributed. Pennsylvania is hopeful to be able to apply to receive those funds. CRW is hopeful to receive some of those monies as we restart the water termination process.

Board members congratulated Maynard Gardner on being Employee of the Month and congratulated the Customer Service team for passing the LIHWAP audit.

There were no questions or additional comments from the Board.

Operations and Engineering: Mr. Kurowski reported the committee meeting was held on March 8, 2023, and highlighted the items listed below.

- All task orders, procurement of vehicles, Cost Sharing Agreements with PennDOT, and the Basic Ordering Agreement with Geosyntec Consultants on tonight's agenda were vetted.
- Bids for the Cameron Street Water Main Improvements project were vetted. It was noted the bids came in higher than anticipated, however the low bidder, Dewcon, Inc., was also able to provide a total of 22% M/W/DBE participation.
- CRW is looking to procure ten vehicles in 2023. There are eight (8) replacement vehicles with trade-in values and two (2) new vehicles with no trade-in. These purchases are in line with CRW's vehicle replacement process and were budgeted in the 2023 budget. All vehicle procurements, including trade-in values, are under budget in total.
- An update on the Front Street Interceptor project was provided regarding the bypass piping along River Front Park. The project began on March 8th and is on track. The contractor plans to start lining a week ahead of the original schedule.
- Waste hauling revenue was up last month and activity on the biosolids program were also discussed.
- Mr. Kurowski welcomed Chad Bingaman as the Superintendent of the Drinking Water department. Mr. Bingaman began on March 20th and was previously employed by the City of Harrisburg in the Water Department prior to the transition.
- Stormwater projects at Bellevue Park and Camp Curtin YMCA are wrapping up. CRW is waiting to get into the planting season to finalize those projects. Look for information regarding grand opening events to be scheduled soon.
- CRW has also begun identifying projects for the Stormwater Pro-Fi Phase 5 project with PENNVEST.

- Mr. Kurowski announced that CRW received notice that we will be presented the Historic Harrisburg's 2023 Preservation Award from the Historic Harrisburg Association for the retrofit of the historic Bellevue Park ponds stormwater retrofit project. Congratulations to CRW and thank you to the Bellevue Park Homeowners Association for working with CRW on this prestigious award.

There were no questions or comments from the Board.

Legal and Risk Management: Mr. Enders reported the committee meeting was held on March 2, 2023, and highlighted items listed below.

- The new Risk Manager and Safety Officer, Miriam Gonzalez-Siegel, began employment with CRW on March 13, 2023.
- Open insurance claims were discussed.
- He reminded residents to always make CRW aware if you are experiencing a water or wastewater issue so CRW can investigate the issue to determine if CRW has any responsibility that would need to be addressed. CRW remains proactive in working with the homeowner/customer, or will assist to get them paired up with the correct person to help before the issue is a major one.
- The stormwater management fee issue with the Commonwealth of Pennsylvania continues to be closely monitored, along with the recent litigation regarding West Chester Borough v. the Pennsylvania State System of Higher Education.
- Review of the modified Partial Consent Decree was discussed.
- Thank you to Scott Wyland for updating the committee on a mediation issue that has been going on for a while and for bringing the issue to resolution.

There were no questions or comments from the Board.

Public Outreach and M/W/DBE: Mr. Enders reported the committee meeting was held on March 9, 2023, and highlighted items listed below.

- Presentation by Jarvis Brown regarding the M/W/DBE program and Exhibit 6 from the Front Street Pump Station project. This project began in 2018 and since it continued over multiple years, Jarvis reported the total project came in at \$12.4M with \$1.7M or 14.3% participation of M/W/DBE. CRW reviewed the total participation levels and consideration of the number of changes that occurred.
- Cameron Street Water Main Improvement Project – Phase 4 was discussed. Mr. Brown stated that estimates came in significantly higher than what was budgeted or anticipated, however, CRW is comfortable in recommending award to Dewcon, Inc. and their efforts in identifying \$2.2M or 22% of the total project to M/W/DBE participation. Committee members were pleased to see returning M/W/DBE vendors for contracts bid with CRW along with some new names.

- Mr. Brown reported that the Cameron Street Water Main Improvement project has a certified veteran-owned business participating in this project. CRW has not seen a lot of veteran-owned businesses, but is happy to welcome LCF Construction, Inc. Mr. Brown was able to confirm the veteran-owned certification.
- Ms. Dierolf reported on the modified Partial Consent Decree. Mr. Enders commended the Strategic Initiatives team for how the information was streamlined through public meetings, our website and through social media to get the information out to the public on how to provide public comments to the Department of Justice. This is a very technical process, and they did a great job getting information out. He is hopeful the public took the opportunity to provide comments.
- CRW's CEO and senior management attended and made a presentation to Harrisburg City Council on March 14, 2023, regarding the modified Partial Consent Decree. The video presentation is available by clicking here: [2023-03-14 CRW Video Presentation at Harrisburg City Council meeting](#). A PDF copy of CRW's presentation to Harrisburg City Council is available on our website by clicking on the link and scrolling to the bottom of the page. [2023-03-14 Modification to the Partial Consent Decree - Capital Region Water](#) Instructions for providing public comments to the Department of Justice through March 20, 2023, are included on the Events Timeline slide within the presentation.
- Thank you to Councilman Rob Lawson for communicating with Ms. Katzenmoyer and himself after the meeting. A follow-up meeting has been scheduled for him to learn more on CRW's M/W/DBE Program.
- CRW also entertained stakeholders regarding the Front Street Interceptor project. He thanked Ms. Dierolf and Ms. Laufer for coordinating that meeting. Mr. Enders participated in that meeting along the river with many who are involved in events along Front Street River Park, including City representatives. CRW's personnel were able to collaboratively explain to those in attendance all activities involved in the project. He also thanked the representative from Insituform who shared information on the project. Mr. Enders volunteered to assist if CRW decides to man a water station for the [Harrisburg 23rd Annual Tour de Belt](#) event on June 4, 2023 to answer and address questions regarding the Front Street Interceptor project.

Mr. Presley stated he is happy to see collaborative lines of communication being kept open between CRW, the Mayor's office and Harrisburg City Council.

There were no questions or further comments from the Board.

IV. Management Report

The monthly Management Report was provided to the Board in advance of the meeting and posted on CRW's website. Ms. Katzenmoyer provided the following additions to that report.

- Miriam Gonzalez-Siegel and Chad Bingaman were welcomed to CRW's senior leadership team. They bring decades of experience with them.
- Hydrant flushing will begin in April. It will take approximately 12 weeks to reach all 1,800 hydrants within CRW's service territory. Annual flushing of hydrants is critical to maintaining high quality drinking water. Flushing removes build-up in the water mains. CRW will be inspecting hydrants as they are flushed. Flushing hours are 7:00 a.m. to 7:00 p.m. Hydrant flushing may cause a temporary discoloration of water and temporary reduction in water pressure. Discoloration is not harmful and can be flushed by running cold water through a faucet, preferably at the highest point in the building.
- Flushing will take place in 15 phases and will begin in Reservoir Park and progress towards CRW's service territory. You can track hydrant flushing on-line by visiting CRW's [GeoHub](#) on our website.
- CRW uses an automated message system, Everbridge, as well as social media, to notify customers of the flushing program and where and when we will be flushing. She encouraged anyone who has not already signed up for Everbridge to do so on CRW's website at [Updates & Alerts - Capital Region Water](#) and to provide your preferred method of notification, email, text or phone number.
- Front Street Interceptor project. CRW is currently in the process of lining three miles of wastewater pipe, or interceptor, along Front Street. While the pipe must be clean and dry in order to be relined with cured-in-place pipe (CIPP), CRW will be bypassing wastewater while the cleaning and lining is completed. Large black pipe is currently being seen by the public in River Front Park. Lining of the interceptor pipe should begin the week of March 27, 2023. Park users can expect to see additional construction activity and CRW asks the public to respect all signage to ensure the public's safety.
- Phase 1 of the lining will be from the Interstate I-83 bridge to Forrester Street and will take approximately eight weeks and is scheduled for completion by Memorial Day weekend. Phase 2 will include the area north of Forrester Street to Seneca Street.

Mr. Presley asked if the complaints regarding taste and odor in our drinking water have been addressed? Ms. Katzenmoyer stated the issue was resolved by correcting chemical doses. She stated there was never an issue of safety, and the water did meet all federal standards, but the taste was due to changes in chemical dosing.

Board members asked if CRW will be competing for the Best Tasting Water in Pennsylvania contest. Ms. Katzenmoyer stated CRW is looking forward to entering the contest and is hopeful to move on to the national level next.

There were no questions or further comments from the Board.

V. Minutes of Previous Meeting

A motion was made by Ms. Balaban, seconded by Mr. Presley, that the Minutes of the February 22, 2023, Regular Meeting be entered into the record as presented.

The Board unanimously approved the Minutes.

VI. Modifications or Deletions to the Agenda – None.

VII. Public Comment - Agenda and Non-Agenda (3 Minutes) – None.

VIII. Old/New Business

Drinking Water

A motion was made by Mr. Kurowski, seconded by Mr. Presley, that the following item be adopted, Drinking Water Item A.

A. Resolution No. 2023-005 – Authorization for Cost Sharing Agreement with PennDOT for Cameron/Maclay Intersection Project

Motion: The Board adopts Resolution No. 2023-005 which authorizes the Director of Engineering to sign Utility Reimbursement Agreement(s) on its behalf for our water facilities, and that the Secretary of the Board be authorized and directed to attest the Director of Engineering's signature on the Utility Reimbursement Agreement for the State Route 0022, Section 320 Project (MPMS #114316) which shall be attached as Exhibit "A". Funding Source: Water #60800801-80100-00015 – Water Main Replacement.

The Board unanimously adopted Administrative Item A.

A motion was made by Mr. Kurowski, seconded by Ms. Balaban, that the following item be adopted, Drinking Water Item B.

B. Resolution No. 2023-006 – Authorization for Cost Sharing Agreement with PennDOT Regarding I-83 Expansion Project

Motion: The Board adopts Resolution No. 2023-006 which authorizes the Director of Engineering to sign a revised Utility Reimbursement Agreement(s) on its behalf for our water, sewer, steam and storm facilities, and that the Secretary of the Board be authorized and directed to attest the Director of Engineering's signature on the Utility Reimbursement Agreement for the SR 0083 Section 079 Reconstruction and Widening Project (MPMS #097828) which shall be attached as Exhibit "A". Resolution No. 2023-006 will supersede prior Resolution No. 2022-047. Funding Source: Water #60800801-80100-00118 – Wtr PennDOT I-83 Expansion and Wastewater #80800801-80100-00115 – Ww PennDOT I-83 Expansion.

The Board unanimously adopted Drinking Water Item B.

A motion was made by Mr. Kurowski, seconded by Mr. Presley, that the following item be approved, Drinking Water Item C.

C. Task Order 2023-06-01: Engineering Services for GIS Support with KCI Technologies, Inc.

Motion: The Board authorizes the Director of Engineering to execute Task Order 2023-06-01 with KCI Technologies, Inc., as outlined in KCI Technologies, Inc.'s Proposal, dated March 3, 2023, in an amount not to exceed \$39,984. M/W/DBE Commitment: \$0.00 / 0.00% M/W/DBE. Funding Source: Split 50/50 Water #60504541-54104 – Wtr Engineering Services and Wastewater #80504541-54104 – WW Engineering Services.

The Board unanimously approved Drinking Water Item C.

A motion was made by Mr. Kurowski, seconded by Mr. Enders, that the following item be approved, Drinking Water Item D.

D. Ready-to-Serve Fee Study

Motion: The Board authorizes the Chief Financial Officer to execute the Raftelis Proposal, dated February 15, 2023, for Ready to Serve (RTS) fees with Raftelis in the amount of \$16,500. M/W/DBE Commitment: \$0.00 / 0.00%. Funding Source: Admin #60504541-54106 – Water Rate Study and CEAR Fees.

Board members inquired when the RTS Fee Study would be available. Mr. Keith expects it sometime in August in time for 2024 budgeting. Board members commended senior leadership for re-evaluating the RTS fee schedule since it has been years since RTS fees were evaluated.

The Board unanimously approved Drinking Water Item D.

A motion was made by Mr. Kurowski, seconded by Mr. Presley, that the following item be approved, Drinking Water Item E.

E. Cameron Street Water Main Improvements Project – Phase 4 – Recommendation of Award to Dewcon, Inc.

Motion: The Board authorizes the issuance of a Notice of Intent to Award and subsequent Director of Engineering to execute Contract Documents for the Cameron Street Water Main improvements project – Phase 4 to Dewcon, Inc. in the amount of \$10,421,075, and as outlined in Dewcon, Inc.'s bid documents, dated March 7, 2023, contingent upon PADEP's approval of their DBE six good faith solicitation efforts. M/W/DBE Commitments: \$1,625,000 / 15.6% (MBE), \$594,973.73 / 5.7% (WBE) and \$60,000 / 0.6% (DBE). Funding Source: Water #60800801-80100-00228 – Cameron Street Water Main Improvements (PV).

The Board unanimously approved Drinking Water Item E.

A motion was made by Mr. Davidson, seconded by Mr. Presley, that the following items be approved by consent, Drinking Water Items F., G., H., I., J., and K.

F. Purchase of 2023 Ford F-250 Super Duty Super Cab 4X4 Truck (C-99) with Trade-in of C-13 from Hoffman Ford and Service Body Upfit from U.S. Municipal for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-250 Super Duty Super Cab 4X4 Truck (C-99) from Hoffman Ford in the amount of \$40,090 that includes a trade-in allowance of \$7,000 for the 2009 Ford F-250 Super Duty 4X4 Utility Truck (C-13); and a Service Body Upfit from U.S. Municipal in the amount of \$25,385, for a combined total amount of \$65,475 for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00233 – C13 F250 Super Duty Truck.

G. Purchase of 2023 Ford Escape SE AWD (C-102) with Trade-in of C-52 from Hoffman Ford for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford Escape SE AWD (C-102) from Hoffman Ford in the amount of \$26,157 that includes a trade-in allowance of \$5,000 for the 2016 Ford Escape SE 4X4 (C-52) for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00236 – Ford Escape SE 4X4.

H. Purchase of 2023 Ford Transit Connect XL (C-103) with Trade-in of C-49 from Fred Beans Ford of Mechanicsburg for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford Transit Connect XL (C-103) from Fred Beans Ford of Mechanicsburg in the amount of \$23,090 that includes a trade-in allowance of \$14,500 for the 2016 Ford Transit Connect XL (C-49) for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00237 – Ford Transit XL Cargo Van.

I. Purchase of 2023 Ford Escape SE AWD (C-104) with Trade-in of C-44 from Keystone Ford for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford Escape SE AWD (C-104) from Keystone Ford in the amount of \$16,010 that includes a trade-in allowance of \$15,000 for the 2015 Ford Escape SE 4X4 (C-44) for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00238 – Ford Escape SE.

J. Purchase of 2023 Ford F-150 XL Super Cab 4X4 Truck w/8-foot Bed (C-105) with Trade-in of C-57 from Fred Beans Ford of Mechanicsburg and Ancillary Items Upfit from A&H Equipment for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-150 XL Super Cab 4X4 Truck w/8-foot Bed (C-105) from Fred Beans Ford of Mechanicsburg in the amount of \$29,943 that includes a trade-in allowance of \$20,700 for the 2017 Ford F-150 XL 4X4 Super Cab Truck w/8-foot Bed (C-57); and an Ancillary Items Upfit from A&H Equipment in the amount of \$2,772, for a combined total amount of \$32,715 for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00239 – Ford F150 XL 4X4 Super Cab Truck.

K. Purchase of 2023 Ford F-150 XL Super Cab 4X4 Truck w/8-foot Bed (C-106) with Trade-in of C-53 from Keystone Ford and Ancillary Items Upfit from A&H Equipment for Drinking Water Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-150 XL Super Cab 4X4 Truck w/8-foot Bed (C-106) from Keystone Ford in the amount of \$32,425 that includes a trade-in allowance of \$18,000 for the 2016 Ford F-150 XL 4X4 Super Cab Truck w/8-foot Bed (C-53); and an Ancillary Items Upfit from A&H Equipment in the amount of \$2,772, for a combined total amount of \$35,197 for the Drinking Water department through COSTARS. Funding Source: Water #60800804-80400-00240 – Ford F150 Super Cab w/Styleside.

The Board unanimously approved Drinking Water Items F., G., H., I., J., and K.

Wastewater

A motion was made by Mr. Kurowski, seconded by Mr. Enders, that the following item be approved, Wastewater Item A.

A. Basic Ordering Agreement and Task Order 2023-08-01: Engineering Services for CBH2OPP Water Quality Services with Geosyntec Consultants

Motion: The Board authorizes the Director of Engineering's execution of a Basic Ordering Agreement and the execution of Task Order 2023-08-01 for water quality monitoring, sampling, and modeling with Geosyntec Consultants, as outlined in Geosyntec Consultants' Proposal, dated March 7, 2023, in an amount not to exceed \$72,600. M/W/DBE Commitment: \$0.00 / 0.00%. Funding Source: Wastewater #80504541-54104 – Ww Engineering Services (50%) and Stormwater #90504541-54104 – Sw Engineering Services (50%).

The Board unanimously approved Wastewater Item A.

A motion was made by Mr. Davidson, seconded by Ms. Balaban, that the following items be approved by consent, Wastewater Items B., C., D., and E.

B. Purchase of 2023 Ford F-350 Super Duty Regular Cab 4X4 Truck (G-90) with Trade-in of G-32 from Hoffman Ford and Dump Body Upfit with Plow and Drop Spreader from U.S. Municipal for Wastewater Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-350 Super Duty Regular Cab 4X4 Truck (G-90) from Hoffman Ford in the amount of \$26,670 that includes a trade-in allowance of \$31,000 for the 2015 Ford F-350 Super Duty Regular Cab 4X4 Dump Truck (G-32); and a Dump Body Upfit with Plow and Drop Spreader from U.S. Municipal in the amount of \$39,895, for a combined total amount of \$66,565 for the Wastewater department through COSTARS. Funding Source: Wastewater #80800804-80400-00437 – F-350 Turbo Diesel 4X4 Truck.

C. Purchase of 2023 Ford F-250 Super Duty XL Regular Cab 4X4 Truck (G-91) from Hoffman Ford and Service Body Upfit from U.S. Municipal for Wastewater Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-250 Super Duty XL Regular Cab 4X4 Truck (G-91) from Hoffman Ford in the amount of \$45,285 and a Service Body Upfit from U.S. Municipal in the amount of \$30,823, for a combined total amount of \$76,108 for the Wastewater department through COSTARS. Funding Source: Wastewater #80800804-80400-00438 – F-250 Regular Cab Truck.

D. Purchase of 2023 Ford Transit High-Roof (CCTV) Cargo Van (G-93) from Keystone Ford and Envirosight Rovver X Camera System Upfit from A&H Equipment (Sole Source Provider) for Wastewater Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford Transit High-Roof (CCTV) Cargo Van (G-93) from Keystone Ford in the amount of \$53,150 and the Envirosight Rovver X Camera System Upfit from A&H Equipment, a Sole Source Provider, in the amount of \$138,576, for a combined total amount of \$191,726 for the Wastewater department through COSTARS. Funding Source: Wastewater #80800804-80400-00440 – ProMaster High Roof CCTV Van.

E. Purchase of 2023 Ford F-150 XL Regular Cab 4X4 Truck w/8-foot Bed (G-94) from Hoffman Ford and Ancillary Items Upfit from A&H Equipment for Wastewater Department through COSTARS

Motion: The Board authorizes the Director of Operations to procure a 2023 Ford F-150 XL Super Cab 4X4 Truck w/8-foot Bed (G-94) from Hoffman Ford in the amount of \$45,565 and an Ancillary Items Upfit from A&H Equipment in the amount of \$5,182, for

a combined total amount of \$50,747 for the Wastewater department through COSTARS.
Funding Source: Wastewater #80800804-80400-00441 – F-150 XL 4X4 Pickup Truck.

The Board unanimously approved Wastewater Items B., C., D., and E.

Mr. Enders stated that all CRW employees need to go home safely at the end of each shift so maintaining vehicles is mandatory for their safety. Board members are excited to see the purchase and rotation of vehicles being properly maintained. This is an exceptional improvement since the transition and commended all staff members in the development of a program for fleet management.

Ms. Balaban asked if any of the vehicles acquired today required commercial driver's licenses (CDLs) to drive them. Mr. Rosentel stated none of these vehicles required CDL drivers.

Ms. Balaban questioned, and Ms. Sheaffer responded that all branding and labeling of CRW vehicles is performed in-house, except for GPS installation.

IX. Public Comments - Non-Agenda Items (3 Minutes) – None.

X. Board Member Comments

Ms. Balaban congratulated Maynard Gardner on being chosen as February's Employee of the Month.

Mr. Presley welcomed Miriam Gonzalez-Siegel and Chad Bingaman to CRW. He also stated that CRW employee Jermaine Taylor, recently lost his wife and expressed CRW's condolences.

Mr. Davidson congratulated CRW on achieving the historic preservation award from the Historic Harrisburg Association.

Mr. Enders thanked Dave Morrison, who was also instrumental in CRW receiving the preservation award from Historic Harrisburg for the Bellevue Park Ponds Retrofit project.

He also congratulated HRG Engineering on their new branding and for all of the work they do with CRW.

He also stressed the importance of hydrant flushing in keeping our community safe. We need all fire hydrants to be in working order and it is a big process CRW undertakes every year. Congratulations to the Drinking Water department for this effort.

Approval of the work tonight with Geosyntec Consultants shows that CRW is already hard at work on the modifications to the Partial Consent Decree, regardless of the lodging and public comments process, CRW is moving forward to fulfill our duties under the Partial Consent Decree.

Mr. Kurowski thanked the City administration, Mayor Williams and the Law Bureau that offered supportive documentation to CRW as part of the public comment process on the Partial Consent Decree.

XI. Adjournment

A motion was made by Mr. Presley, seconded by Mr. Davidson, for the Board to adjourn the meeting at 7:26 p.m.

The motion was unanimously approved.

CAPITAL REGION WATER

Garvey Presley, Jr.
Secretary



Old/New Business

Old/New Business



Drinking Water



Issue:

Resolution No. 2023-007 providing authorization to execute a reciprocal easement agreement for purposes of access between Capital Region Water and an adjoining landowner to the DeHart Property.

Background:

- CRW was approached by an adjoining landowner (the “Witmer’s”) to the DeHart Property regarding the possibility of a reciprocal easement agreement providing respective property access to both parties.
- This easement agreement will serve to provide the owner of Dauphin County Tax Parcel No. 33-009-017 access from State Route 325 across parcels Parcel No. 33-009-022 (Witmer) and Parcel No. 55-002-009 (CRW). A reciprocal right of access across Parcel No. 33-009-022 (Witmer) will be provided to Capital Region Water for its security and forestry purposes.
- Dauphin County Tax Parcel No. 33-009-017 has been acquired by Charles and Brenda Witmer. The previous landowner, the Ward Burton Wildlife Foundation, granted a conservation easement to Manada Conservancy for the property. This grant of conservation easement applies to the property now owned by the Witmer’s.
- Access through CRW Parcel No. 55-002-009 provides the Witmer’s an unimproved access to an otherwise landlocked property. A reciprocal easement and right of access across Witmer property will be provided to CRW.

Items for Consideration:

- There already exists on CRW’s land an unimproved, vegetated/dirt access road with an average width of about ten (10) feet +/- in the requested area for the easement for non-commercial access.
- This easement agreement will serve to provide the owner of parcel 33-009-017 access from State Route 325 across parcels 33-009-022 and 55-002-009. A reciprocal right of access across 33-009-022 will be provided by you to Capital Region Water for its security and forestry purposes.
 - Both parties have rights of access.
 - Any maintenance, alteration, modification, repair and/or improvement of access must be agreed to in writing by CRW prior to commencement of any construction.
- No structures or obstructions are permitted, and the access area may not be enlarged or widened beyond the existing footprint without prior written consent of Capital Region Water.

-
- Provisions for adequate indemnification and insurance to the benefit of both parties.
 - Both parties shall share equally costs for preparing and recording an agreement.
 - CRW has also provided courtesy review to The Nature Conservancy to ensure consistency with the conservation easement.
 - Counsel has reviewed and execution is conditioned upon approval of final Easement Agreement language by CRW's General Counsel.

Board Committee Review:

- Legal and Risk Management April 6, 2023

Recommendation:

The Board adopts Resolution No. 2023-007 which authorizes the Chairperson and Secretary to execute a Reciprocal Easement Agreement between Capital Region Water and Charles and Brenda Witmer which shall be attached as Exhibit "A".

Attachments:

- Resolution No. 2023-007

CAPITAL REGION WATER

RESOLUTION NO. 2023-007

**AUTHORIZATION TO EXECUTE A RECIPROCAL EASEMENT AGREEMENT BETWEEN
CHARLES AND BRENDA WITMER AND CAPITAL REGION WATER**

WHEREAS, Capital Region Water (CRW), Dauphin County, Pennsylvania, is a municipal authority organized and existing under the Municipality Authorities Act, 53 Pa. C.S. § 5601, *et seq.*, as amended and supplemented (the "Act");

WHEREAS, CRW is the owner of certain property situate in Jefferson and Rush Townships, Dauphin County, Pennsylvania, being identified as Dauphin County Tax Parcel 55-002-009 (the "CRW Property"); and

WHEREAS, Witmer is the owner of property situate in Jefferson Township, Dauphin County, Pennsylvania, Tax Parcel No. 33-009-022 (Witmer Parcel No. 33-009-022); and

WHEREAS, Witmer has acquired and is the owner of property located in Jefferson Township, Dauphin County, Pennsylvania, Tax Parcel No. 33-009-017 (Witmer Parcel No. 33-009-017); and

WHEREAS, Witmer has requested from CRW the conveyance of an easement for access from State Road 325 across the CRW property and leading into Witmer's property in Jefferson Township, Dauphin County, being identified as Witmer Parcel No. 33-009-017; and

WHEREAS, CRW is amenable to granting Witmer the requested easement, under certain conditions; and

WHEREAS, Witmer is amenable to granting CRW a reciprocal easement and right of access across Witmer Parcel No. 33-009-022 and Witmer Parcel No. 33-009-017; and

WHEREAS, the purpose of this Reciprocal Easement Agreement is to provide both parties with right of access as more fully hereinafter described in Exhibit "A".

NOW THEREFORE, the Board of Capital Region Water hereby resolves as follows:

That the Board authorizes the Chairperson and Secretary to execute the Reciprocal Easement Agreement between Charles and Brenda Witmer and Capital Region Water, conditioned upon approval of the final Easement Agreement language by Capital Region Water's General Counsel.

Effective Date. This Resolution shall become effective immediately.

Severability. In the event any provision, section, sentence, clause, or part of this Resolution shall be held to be invalid, such invalidity shall not affect or impair any remaining

provision, section, sentence, clause, or part of this Resolution, it being the intent of Capital Region Water that such remainder shall be and shall remain in force and effect.

Repealer. All Resolutions or parts of Resolutions inconsistent herewith are expressly repealed.

Duly adopted this 26th day of April, 2023 by the Board of Capital Region Water, Dauphin County, Pennsylvania in lawful session duly assembled.

CAPITAL REGION WATER

ATTEST:

By: _____
Chairperson

Assistant Secretary

CERTIFICATE

I, the undersigned Secretary of Capital Region Water, certify that the foregoing Resolution was adopted by a majority vote of the Board of Directors at a meeting duly convened according to law and held on April 26, 2023 at which meeting a quorum was present; said Resolution was adopted by an aye or nay vote; said Resolution and the vote thereon showing how each member voted have been recorded in the Minutes of said Board of Directors; and said Resolution remains in effect, unaltered and unamended as of the date of this Certificate.

IN WITNESS WHEREOF, I set my hand and official seal of Capital Region Water this 26th day of April 2023.

Secretary

(SEAL)

**Tax Parcel Nos.: 55-002-009
33-009-017
33-009-022**

RECIPROCAL EASEMENT AGREEMENT

THIS RECIPROCAL EASEMENT AGREEMENT ("Agreement") made effective this _____ day of _____, 2023, ("Effective Date") between **CAPITAL REGION WATER** ("CRW") and **CHARLES WITMER and BRENDA WITMER** ("Witmer") CRW and Witmer are each referred to herein as a "Party" and collectively as the "Parties."

RECITALS

WHEREAS, CRW is the owner of certain property situate in Jefferson and Rush Townships, Dauphin County, Pennsylvania, being identified as Dauphin County Tax Parcel 55-002-009 (the "CRW Property"), the relevant portion of which is more particularly shown on Exhibit "A," attached hereto and incorporated, herein by this reference; and

WHEREAS, Witmer is the owner of property situate in Jefferson Township, Dauphin County, Pennsylvania, Tax Parcel No. 33-009-022 (Witmer Parcel No. 33-009-022); and

WHEREAS, Witmer has acquired and is the owner of property located in Jefferson Township, Dauphin County, Pennsylvania, Tax Parcel #33-009-017 (Witmer Parcel No. 33-009-017); and

WHEREAS, Witmer has requested from CRW the conveyance of an easement for access from State Road 325 across the CRW property and leading into Witmer property in Jefferson Township, Dauphin County, being identified as Tax Parcel 33-009-017 ("Witmer Parcel No. 33-009-017"); and

WHEREAS, a Conservation Easement from Ward Burton Wildlife Foundation in favor of the Manada Conservancy was recorded for Witmer Tax Parcel No. 33-009-017 in Dauphin County Recorder of Deeds as Instrument No. 20220033913 on November 21, 2022; and

WHEREAS, there already exists on CRW's land, an unimproved vegetated/dirt-access road having an average width often (10) feet+/- in the area requested by Witmer for non-commercial access. This access road is also hereinafter referred to as "Easement Area"; and

WHEREAS, CRW is amenable to granting Witmer the requested easement, under certain conditions; and

WHEREAS, Witmer is amenable to granting CRW a reciprocal easement and right of access across Witmer Parcel No. 33-009-022 and Witmer Parcel No. 33-009-017; and

WHEREAS, the purpose of this Reciprocal Easement Agreement is to provide both parties with right of access as more fully hereinafter described in Exhibit "A".

NOW THEREFORE, in consideration of the benefit to CRW, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CRW and Witmer hereby agree as follows:

1. Recitals. The foregoing recitals are incorporated in and made a part of this Agreement to the same extent as if herein set forth in full.
2. Grant of Easements.
 - a. CRW hereby grants unto the Witmer and Witmer's heirs, successors and assigns, an easement subject to the terms and conditions contained in this Agreement solely for the use, maintenance, and repair of the Easement for ingress and egress, such Easement to extend across and over the CRW Property (the "Easement Area"). The Easement Area is attached hereto as Exhibit "A".
 - b. Witmer hereby grants unto CRW, its successors or assigns, an easement subject to the terms and conditions in this Agreement solely for ingress and egress to CRW property, such easement to extend across and over the Witmer Parcel No. 33-009-022 and Witmer Parcel No. 33-009-017 property as more noted on Exhibit "A".
 - c. As set forth in Exhibit "A", the Easement Area shall include the unimproved dirt access road as a means of access from State Route 325 to Witmer Parcel No. 33-009-022, across the CRW Property, and across Witmer Parcel No. 33-009-017 as shown on attached Exhibit "A".
 - d. Each party agrees to keep the Easement Area on its own property passable and in good repair and to limit its use to ingress and egress only. In addition, CRW may use the easement for conservation and security purposes.
 - e. No alteration, modification, repair, and/or enlargement of the Easement Area may be made by Witmer unless agreed to in writing by CRW prior to

commencement of any construction, in recognition of CRW's existing conservation easement in favor of The Nature Conservancy.

- f. Other than for the purposes identified in Subsection 2(d) above, no structures or obstructions are permitted, and the Easement Area may not be enlarged or widened beyond the current dimensions without the written consent of CRW and Witmer.

3. Work.

- a. Witmer agrees to perform or cause to be performed any maintenance to the Easement Area on Witmer's property.
- b. CRW agrees to perform or cause to be performed any maintenance to the Easement Area on CRW's property.

4. Indemnity and Hold Harmless.

- a. Witmer shall indemnify, hold harmless, and otherwise be solely responsible for, and shall release CRW from all losses, damages, liabilities, suits, claims, demands, expenses (including, without limitation, attorney's fees, and litigation costs), judgments, interest and costs that arise as a result of Witmer's use of or entry into the Easement Area. In addition, Witmer shall cause its contractors to indemnify, hold harmless, and otherwise be solely responsible for, and shall release CRW from, all losses, damages, liabilities, suits, claims, demands, expenses (including, without limitation, attorney's fees and litigation costs), judgments, interest and costs to the extent arising out of any error, negligence, or intentionally wrongful act or omission that arise from the performance of, or in connection with, any work performed under any contract or activity that occurs on the CRW Property, or the Easement Area.
- b. To the extent permitted by law, CRW shall indemnify, hold harmless, and otherwise be solely responsible for, and shall release Witmer from all losses, damages, liabilities, suits, claims, demands, expenses (including, without limitation, attorney's fees and litigation costs), judgments, interest and costs that arise as a result of CRW's use of or entry into the Easement Area. In addition, CRW shall cause its contractors to indemnify, hold harmless, and otherwise be solely responsible for, and shall release Witmer from, all losses, damages, liabilities, suits, claims, demands, expenses (including, without limitation, attorney's fees and litigation costs), judgments, interest and costs to the extent arising out of any error, negligence, or intentionally wrongful act or omission that arise from the performance of, or in connection with, any

work performed under any contract or activity that occurs on the Witmer Properties or the Easement Area.

5. Access to CRW Property, Witmer Properties, and Easement Area. No barriers, parking, fences, curbs or other obstruction to the free and unhampered use of said Easement Area shall hereafter be permitted, nor shall any automobiles, trucks, motor vehicles or other personal property nor any building or other structure be permanently parked, stored, constructed or permitted upon any part of the Easement Area. The Easement Area shall be used solely for ingress and egress as described herein.
6. Insurance. CRW and Witmer shall maintain liability insurance with respect to the Easement Area.
7. Miscellaneous.
 - a. *Notices.* All notices, requests or demands to a Party hereunder shall be in writing and shall be effective (i) when received by overnight courier service with written tracking of delivery or (ii) by hand-delivery with written receipt therefor, as follows:

If to CRW:

Capital Region Water
3003 N. Front Street
Harrisburg, PA 17110

If to Witmer:

Charles and Brenda Witmer
171 Whitetail Lane
Halifax, PA 17032

With a copy to:

Leon P. Haller, Esquire
1719 North Front Street
Harrisburg, PA 17102

- b. *Counterparts.* This Agreement may be executed in multiple counterparts, each of which shall constitute an original, and all of which together shall constitute one and the same instrument. This Agreement may be executed by facsimile, electronic or .pdf signatures, which shall be deemed original signatures.

- c. *No Pending Divorce.* Witmer represents that he is not separated from his spouse, in the process of divorce, nor contemplating divorce proceedings.
- d. *Choice of Law; Jurisdiction.* This Agreement shall be governed by the laws of the Commonwealth of Pennsylvania without reference to choice of laws principles thereof. The Parties accept the jurisdiction of the Court of Common Pleas of Dauphin County as the court of competent jurisdiction and the proper venue to resolve matters under this Agreement.
- e. *Binding; Limitation on Witmer; Assignment or Transfer.* The Parties agree that the terms and conditions of this Agreement shall (i) be binding upon, and shall inure to the benefit of, their respective heirs, legal representatives, successors and assigns, and (ii) run with the land and be binding upon and inure to the benefit of all parties owning or having any interest in the CRW Property. Notwithstanding the foregoing, in no event shall Witmer assign, transfer, sell or otherwise attempt to convey or encumber this Agreement or all or any part of the Easement, without the prior written consent of CRW, such written consent not to be unreasonably withheld or delayed.
- f. *Writing Required.* No change or modification of this Agreement shall be valid unless the same is in writing, signed by the Parties hereto and recorded in the land records. No purported or alleged waiver of any of the provisions of this Agreement shall be valid or effective unless in writing signed by the Party against whom it is sought to be enforced.
- g. *Further Assurances.* The Parties shall at any time and from time to time after the execution of this Agreement, upon request of any Party, do, execute, acknowledge and deliver, or will cause to be done, executed, acknowledged or delivered, all such further acts, deeds, conveyances and assurances as may reasonably be required in the mutual determination of the respective legal counsels for the Parties for the better performance of all obligations under this Agreement.
- h. *Severability.* In the event that one or more of the provisions of this Agreement shall be held to be illegal, invalid or unenforceable, each such provision shall be deemed severable and the remaining provisions of this Agreement shall continue in full force and effect.
- i. *Limitation of Liability.* Except as otherwise expressly set forth to the contrary in this Agreement, no officer, director, employee, agent or affiliate, as the case may be, of CRW, shall be personally liable for any Claims arising hereunder.

- j. *Authority.* By executing this Agreement, each of the Parties represents that: (i) it is authorized to enter into and deliver this Agreement; (ii) it is authorized to perform its obligations hereunder; (iii) this Agreement is effective and enforceable against such Party in accordance with the terms herein; (iv) the person signing this Agreement on behalf of such Party is duly authorized to execute this Agreement; and (v) no other signatures or approvals are necessary in order to make all of the representations of such party or person, as applicable, contained in this subparagraph true and correct in all respects.
- k. *Entire Agreement.* This Agreement and all of the Exhibits attached hereto, constitute the entire agreement between the Parties, and, except as provided in this Agreement, there are no other agreements or representations between the Parties. This Agreement supersedes all prior negotiations and agreements between CRW and Witmer with respect to the subject matter hereof.
- l. *Specific Performance.* If either Party shall fail to comply with the terms and conditions contained herein, the non-defaulting Party may seek specific performance of such terms and conditions and any direct damages resulting from breach thereof, in addition to any other rights or remedies available, at law or in equity, to the non-defaulting Party, but in no event may either CRW or Witmer seek punitive or consequential damages that may arise as a result of a failure to comply with the terms and conditions of this Agreement.
- m. *Recordation.* As soon as practicable following the execution of this Agreement, the parties shall cause this Agreement to be duly recorded in the Office of the Recorder of Deeds in and for Dauphin County, Pennsylvania. The agreements contained herein shall be effective from the date of execution of this Agreement without regard for the date of recordation. The obligation to record this Agreement shall in no way impede, delay, or otherwise alter the rights and obligations of either party as set forth in this Agreement. Cost of recording shall be paid by Witmer.

IN WITNESS WHEREOF, CRW and Witmer have caused this Reciprocal Easement Agreement to be executed the day and year first above written.

ATTEST:

CAPITAL REGION WATER

Secretary

By: _____
Chairperson

WITNESS:

By: _____
Charles Witmer

WITNESS:

By: _____
Brenda Witmer

DRAFT

COMMONWEALTH OF PENNSYLVANIA :
:
COUNTY OF DAUPHIN :

On this, the ____ day of _____ 2023, before me, the undersigned officer, personally appeared J. Marc Kurowski, Chairperson, representing Capital Region Water, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal.

Notary Public

(SEAL)

COMMONWEALTH OF PENNSYLVANIA :
:
COUNTY OF DAUPHIN :

On this, the ____ day of _____ 2023, before me, the undersigned personally appeared Charles Witmer, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument, who acknowledged that he executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal.

Notary Public

(SEAL)

COMMONWEALTH OF PENNSYLVANIA :
:
COUNTY OF DAUPHIN :

On this, the ____ day of _____ 2023, before me, the undersigned personally appeared Brenda Witmer, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument, who acknowledged that he executed the same for the purposes therein contained.

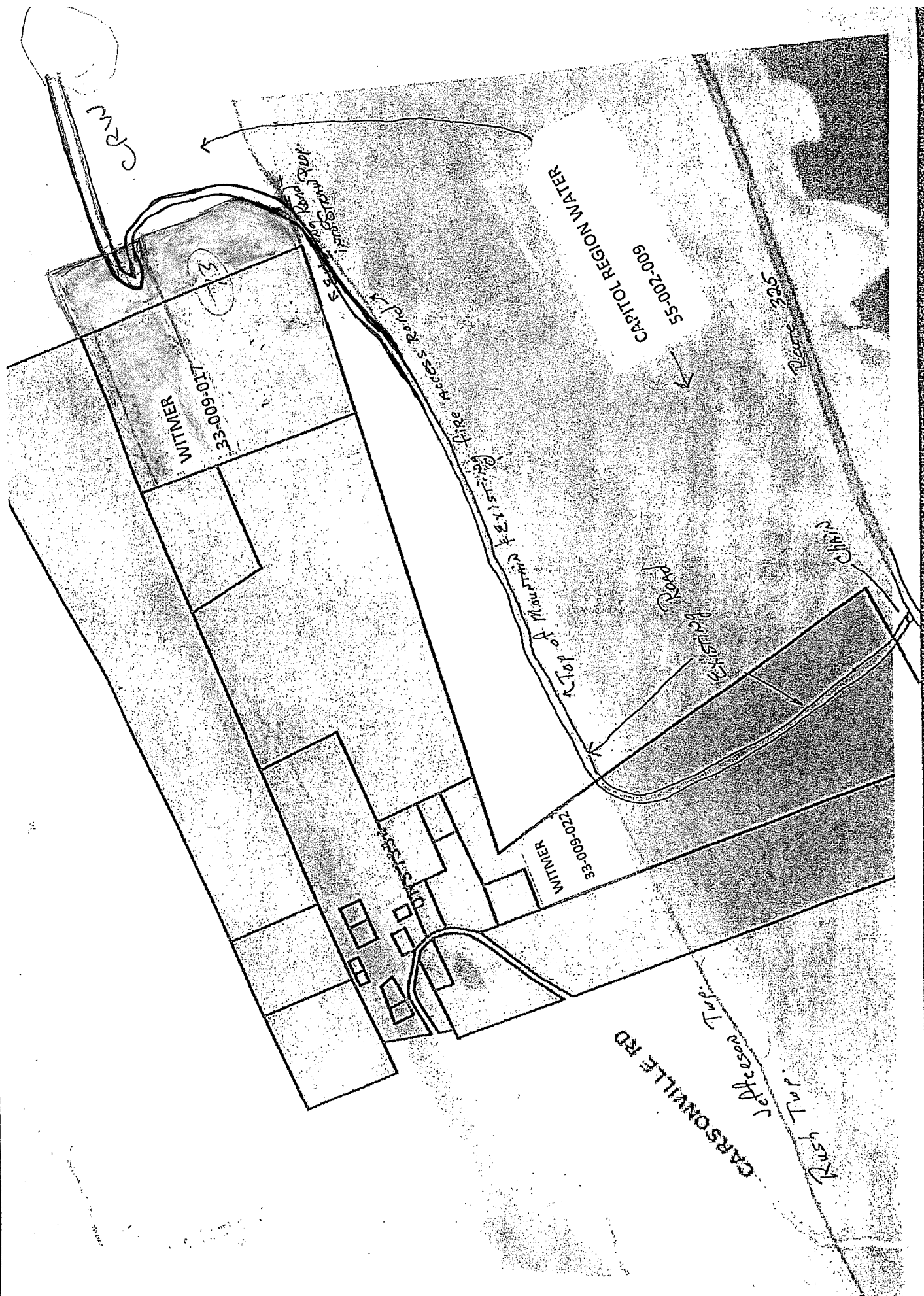
IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal.

Notary Public

(SEAL)

EXHIBIT A
Plat of Easement & Structure

DRAFT



Issue:

Task Order 2023-09-01 under the Forest Stewardship and Management Services Agreement with Appalachian Forest Consultants (AFC).

Background:

- Appalachian Forest Consultants developed a Forest Stewardship Council (FSC) compliant Forest Management Plan for the DeHart Property in 2016. Capital Region Water continues to retain AFC to implement the plan under a Forest Stewardship and Management Services Agreement.
- The Forest Stewardship and Management Services Agreement requires services to be provided after execution of a Task Order describing tasks to be provided and associated costs and fees.

Items for Consideration:

- Consistent with the recommendations in the Forest Management Plan for the DeHart Property and related best practices, timber harvest and thinning prescriptions are recommended in four management units or stands. AFC will provide harvest preparation, bidding, and oversight/inspection services estimated at \$30,000.
- Also consistent with the Forest Management Plan, herbicide treatment is recommended in nine management stands. This is to control invasive vegetation that would otherwise prevent or inhibit the growth of more desirable native and hardwood species. Herbicide treatment services are estimated at \$22,650.
- A timber stand improvement is also recommended for one stand. A native oak planting will help to diversify this stand as it is currently dominated by pine. This improvement/restocking is estimated to cost \$7,500.
- Prior to any active timber or pulpwood harvest, The Nature Conservancy will be involved to ensure the recommended prescription meets both the satisfaction of the Forest Stewardship Council (FSC-US) Forest Management Standard and The Nature Conservancy's expectation under the FSC Group Certification.
- This work will commence in 2023 and is estimated to continue through final harvest and inspection in 2024/2025.

Board Committee Review:

- Operations and Engineering April 12, 2023

Recommendation:

The Board authorizes the Director of Strategic Initiatives to execute Task Order 2023-09-01, dated April 11, 2023, with Appalachian Forest Consultants for forest management services for a not-to-exceed fee of \$60,150. Funding Source: Water #60504541-54105 – Wtr Forest Management Services.

Attachment:

- Task Order 2023-09-01 with AFC, dated April 11, 2023

TASK ORDER FORM

FROM: Michael T. Wolf, Consulting Forester, Appalachian Forest Consultants, LLC

DATE: April 11, 2023

TO: Tanya Dierolf, Director of Strategic Initiatives

In accordance with the FOREST STEWARDSHIP AND MANAGEMENT SERVICES AGREEMENT, made effective as of April 27, 2022, written authorization by Capital Region Water is hereby given for performance of the below listed Services.

TASK ORDER AUTHORIZATION NUMBER: 2023-09-01

TASK TITLE: Multi-Year Forest Management & Herbicide Prescriptions

Services to be performed by: Appalachian Forest Consultants, LLC

Description of Services: In accordance with the Forest Stewardship and Management Services Agreement and the 2016 Forest Management Plan for the DeHart Property, provide the following:

Timber Harvests

Stand 23 (overstory removal; approximately 74 acres) Deliverables:

- Schedule overstory removal; leaving a basal area of 5-10 sq. ft./acre;
- Select optimum harvesting crew that will meet all stated objectives of the landowner and best protect the resource;
- Negotiate highest possible price for pulpwood to be removed from site;
- Select and designate trees to be cut/ removed from designated timber stands;
- Prepare prospectus which will be used to promote marketing of delivered logs;
- Schedule and conduct a tour of sale area;
- Solicit sealed bids from wood utilization industry;
- Conduct bid opening and evaluate bids received;
- Obtain all necessary permits to meet/exceed regulatory compliance, including Erosion and Sediment Control Planning;
- Write harvesting agreement upon CRW's authorization to sell timber to ensure protection of CRW rights and property;
- Collect and hold a performance bond from the timber buyer until the terms of the agreement/contact have been satisfied;

- Provide adequate site inspection/supervision visitations for duration of timber harvesting and cleanup operations; and
- Correspond with CRW and additional partners as needed.

Stand 4 (overstory removal; approximately 70 acres) Deliverables:

- Schedule overstory removal; leaving a basal area of 5-10 sq. ft./acre;
- Select optimum harvesting crew that will meet all stated objectives of the landowner and best protect the resource;
- Negotiate highest possible price for pulpwood to be removed from site;
- Select and designate trees to be cut/ removed from designated timber stands;
- Prepare prospectus which will be used to promote marketing of delivered logs;
- Schedule and conduct a tour of sale area;
- Solicit sealed bids from wood utilization industry;
- Conduct bid opening and evaluate bids received;
- Obtain all necessary permits to meet/exceed regulatory compliance, including Erosion and Sediment Control Planning;
- Write harvesting agreement upon CRW's authorization to sell timber to ensure protection of CRW rights and property;
- Collect and hold a performance bond from the timber buyer until the terms of the agreement/contact have been satisfied;
- Provide adequate site inspection/supervision visitations for duration of timber harvesting and cleanup operations; and
- Correspond with CRW and additional partners as needed.

Stand 5 (group selection harvest; approximately 45 acres) Deliverables:

- Schedule group selection harvest;
- Select optimum harvesting crew that will meet all stated objectives of the landowner and best protect the resource;
- Negotiate highest possible price for pulpwood to be removed from site;
- Select and designate trees to be cut/ removed from designated timber stands;
- Prepare prospectus which will be used to promote marketing of delivered logs;
- Schedule and conduct a tour of sale area;
- Solicit sealed bids from wood utilization industry;
- Conduct bid opening and evaluate bids received;
- Obtain all necessary permits to meet/exceed regulatory compliance, including Erosion and Sediment Control Planning;
- Write harvesting agreement upon CRW's authorization to sell timber to ensure protection of CRW rights and property;
- Collect and hold a performance bond from the timber buyer until the terms of the agreement/contact have been satisfied;
- Provide adequate site inspection/supervision visitations for duration of timber harvesting and cleanup operations; and
- Correspond with CRW and additional partners as needed.

Stand 7 (group selection harvest; approximately 10 acres) Deliverables:

- Schedule group selection harvest;
- Select optimum harvesting crew that will meet all stated objectives of the landowner and best protect the resource;
- Negotiate highest possible price for pulpwood to be removed from site;
- Select and designate trees to be cut/ removed from designated timber stands;
- Prepare prospectus which will be used to promote marketing of delivered logs;
- Schedule and conduct a tour of sale area;
- Solicit sealed bids from wood utilization industry;
- Conduct bid opening and evaluate bids received;
- Obtain all necessary permits to meet/exceed regulatory compliance, including Erosion and Sediment Control Planning;
- Write harvesting agreement upon CRW's authorization to sell timber to ensure protection of CRW rights and property;
- Collect and hold a performance bond from the timber buyer until the terms of the agreement/contact have been satisfied;
- Provide adequate site inspection/supervision visitations for duration of timber harvesting and cleanup operations; and
- Correspond with CRW and additional partners as needed.

Invasive/Competing Plant Control

<u>Herbicide Application</u>	<u>Stand #</u>	<u># Hours - predicted</u>
Stiltgrass, mile-a-minute control	22 (8 acres)	30 hours – pre-emergent
Stiltgrass, mile-a-minute control	23 (2 acres)	8 hours – pre-emergent
Barberry, multiflora rose, stiltgrass	18 (6 acres)	25 hours – post-emergent
Stiltgrass, barberry control	14 (3 acres)	12 hours – post-emergent
Stiltgrass, mile-a-minute, barberry	15 (8 acres)	30 hours – post-emergent
Stiltgrass control	16 (3 acres)	12 hours – post-emergent
Stiltgrass, barberry, multiflora rose	44 (25 acres)	100 hours – post-emergent
Ailanthus, stiltgrass, barberry	31 (10 acres)	35 hours – spot treatment
Barberry control	50 (13 acres)	50 hours

Timber Stand Improvements/Restocking

<u>Herbicide Application</u>	<u>Stand #</u>	<u># Hours - predicted</u>
Supplemental oak planting	18 (3 acres)	100 hours

Additional/Other Key Personnel Rendering Services: Brad Ellison, Consulting Forester
Andrew Duncan, Consulting Forester

Modifications to
schedule of hourly rates
or to reimbursables: N/A

Task Order Budget: \$60,150

Timber Harvests

(74 ac) Stand 23 Deliverables - \$10,000
(70 ac) Stand 4 Deliverables - \$10,000
(45 ac) Stand 5 Deliverables - \$6,000
(10 ac) Stand 7 Deliverables - \$4,000

Competing Plant Control

<u>Stand #</u>	
22	\$2,250
23	\$600
18	\$1,875
14	\$900
15	\$2,250
16	\$900
44	\$7,500
31	\$2,625
50	\$3,750

Timber Stand Improvements

Stand 18 Deliverables - \$7,500

ADDITIONAL REQUIREMENTS:

- Consultant shall select the most cost-effective method of acquiring herbicide from among the various options, including direct bidding and purchasing by CRW, purchasing by CRW via costars, or direct purchasing by Appalachian Forest Consultants.
- Use only EPA-approved chemical application to kill nonnative and native vegetation that would otherwise prevent or inhibit hardwood seedling reproduction.

- Ensure only Pennsylvania-licensed approved herbicide applicators are recommending type of treatment, conducting application process, and guaranteeing acceptable levels of vegetation control for each treatment project.

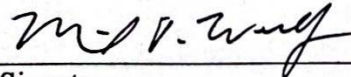
Authorized by:

Signature

Tanya Dierolf, Director of Strategic Initiatives
Capital Region Water

Dated: 4/26/2023

Accepted by:



Signature

Michael T. Wolf
Appalachian Forest Consultants, LLC

Dated: 4 - 11 - 2023



Wastewater



Issue:

Resolution No. 2023-008 providing authorization to execute eminent domain as may be necessary to acquire easements for the purpose of constructing and maintaining sewer facilities on private property.

Background:

- Capital Region Water (CRW) is undertaking the Arsenal Boulevard Sewer Improvements project to replace and rehabilitate failing storm and sewer facilities in the area of 17th Street. and Arsenal Boulevard.
- The existing sewer is on private property and requires temporary and permanent sewer easements from several property owners to perform the work. The easements are required by PENNVEST to release funding and must be obtained prior to advertising the project.
- One critical property owner requiring temporary and permanent sewer easements is Mr. Furnley Frisch (Tax Parcel No. 07-069-001). After months of communication, the property owner has repeatedly been uncooperative and repeatedly missed milestones. He has refused to consider the easements separately from unrelated concerns about CRW's stormwater fee at his 1328 N. 17th Street property.
- CRW is in the final stages of acquiring all project easements except for Mr. Furnley Frisch. These easements are now the critical path items preventing us from advertising the project.

Items for Consideration:

CRW is considering using eminent domain to acquire the necessary temporary and permanent construction easements. This issue was discussed at the April 6, 2023, Legal and Risk Management Committee meeting. Subsequently, Resolution No. 2023-008 has been drafted for Board consideration, authorizing CRW to execute and attest the necessary instruments for taking of the easements in coordination with its General Counsel, Salzmann Hughes, P.C.

Board Committee Review:

- Legal and Risk Management April 6, 2023
- Operations and Engineering April 12, 2023

Recommendation:

The Board adopts Resolution No. 2023-008 which authorizes the Chairperson and Secretary to execute eminent domain documents as may be necessary to acquire easements for the purpose of constructing and maintaining sewer facilities on private property pursuant to the authority provided in the Municipal Authorities Act, 53 Pa. C.S. Section 5607 which shall be attached as Exhibit "A". Funding Source: Wastewater #80800801-80100-00061 – Arsenal Boulevard Sewer Improvements.

Attachments:

- Resolution No. 2023-008
- Supporting Documents

CAPITAL REGION WATER

RESOLUTION NO. 2023-008

**AUTHORIZATION TO EXECUTE EMINENT DOMAIN AS MAY BE NECESSARY TO ACQUIRE
EASEMENTS FOR THE PURPOSE OF CONSTRUCTING AND MAINTAINING SEWER
FACILITIES ON PRIVATE PROPERTY PURSUANT TO THE AUTHORITY PROVIDED IN THE
MUNICIPAL AUTHORITIES ACT, 53 PA. C.S. Section 5607**

**TEMPORARY CONSTRUCTION AND PERMANENT SEWER EASEMENTS
AND RIGHTS-OF-WAY FOR
SEWAGE FACILITIES BETWEEN
FURNLEY H. FRISCH AND CAPITAL REGION WATER
ALONG ARSENAL BOULEVARD (S.R. 0022)**

WHEREAS, Capital Region Water (“CRW”), is a municipal authority incorporated under the Act of May 2, 1945 (P.L. 382, No. 164), known as the Municipality Authorities Act of 1945; and

WHEREAS, the Board of Capital Region Water authorized the undertaking of a project to construct and maintain sewer facilities on private property (the “Project”); and

WHEREAS, to undertake the Project, CRW must secure the necessary easements and rights-of-way for the installation of the sewer facilities; and

WHEREAS, for the construction, use, and maintenance of the force main line, CRW will need to acquire a temporary construction and permanent sewer easement from the owners of properties along Arsenal Boulevard (S.R. 0022); and

WHEREAS, the Board has determined it is necessary to exercise its authority, pursuant to Section 5607 of the Municipality Authorities Act, 53 Pa. C.S. § 101, *et seq.*, to implement eminent domain proceedings as may be necessary with respect to certain property for the construction, use, and maintenance of the sewer facilities.

NOW THEREFORE, BE IT RESOLVED, by the Board of Capital Region Water as follows:

1. The recitals referenced above are incorporated herein by reference hereto.
2. CRW deems it to be in the best interest of its present and future customers and the general public that easements be acquired for the installation of sewer facilities along Arsenal Boulevard (S.R. 0022).
3. CRW has determined that required easements for the sewer facilities shall be acquired over the following property by the acquisition or by CRW's exercise of its power of eminent domain:

A permanent sewer easement and temporary construction easement shall be acquired as shown on the Plan prepared by HRG & Associates, Inc. and entitled "Easement Exhibit for Furnley H. Frisch Parcel No: 07-069-001-000 Dauphin County," a copy of which is attached hereto as Exhibit "A" and is incorporated herein by reference. The property that shall be subject to the easements shall be that certain tract or parcel of land located in Dauphin County, Pennsylvania, owned by Furnley H. Frisch, designated as Tax Parcel No. 07-069-001-000, and more particularly described in a certain Deed, dated August 31, 1999, and recorded on September 1, 1999 in the Office of Recorder of Deeds in and for Dauphin County at Instrument No. 19990035889 (the "Property").

4. The Plan attached hereto as Exhibit "A" may be amended for administrative or engineering purposes as determined to be necessary to accommodate the installation of the sewer facilities.
5. In order to enable CRW to proceed with the Project, CRW, pursuant to its authority of eminent domain under 53 Pa. C.S. Section 5607, will acquire the necessary easements over the Property described herein and, accordingly, CRW's counsel, Salzmänn Hughes, P.C., is hereby authorized and directed to file, as may be necessary, a Declaration of Taking with respect to the easements over the Property described and identified in Exhibit "A" attached hereto and incorporated herein by reference, in accordance with the provisions of applicable laws including the Eminent Domain Code, 26 Pa. C.S. Section 101, *et seq.*
6. The proper officers of CRW are authorized and directed to execute, attest, acknowledge, and deliver such instruments and documents as may be necessary to effect the taking of the foregoing easements and rights-of-way and to determine upon consultation with its counsel, Salzmänn Hughes, P.C., and such other advisors as may be deemed necessary, the consideration to be paid and the time and manner of such payments to compensate the owner of said properties in accordance with the requirements of law, including the Pennsylvania Eminent Domain Code, and, if possible, to enter into one or more agreements with such owners for delivery of such easements and rights-of-way.

7. The proper officials of CRW are hereby authorized and directed to execute and deliver such other documents and instruments, and to take such other actions as they, in their discretion and upon the advice of their counsel, Salzmann Hughes, P.C., shall deem necessary, appropriate, or desirable to carry out the intent of this Resolution, including but not limited to acceptance of easement agreements or other instruments granting to CRW easements and rights-of-way and applications, plans, or other documents relating to acquisitions and construction of the sewer facilities over the Property.
8. Title to be acquired for the properties shown in Exhibit "A" shall be as perpetual right-of-way or permanent easement and temporary construction easements, as shown on Exhibit "A".
9. The provisions of this Resolution shall be severable, and if any of its provisions shall be held to be unconstitutional, illegal, or invalid, such unconstitutionality, illegality, or invalidity shall not affect the validity of any of the remaining provisions of this Resolution.
10. This Resolution shall be effective immediately upon adoption.
11. All other Resolutions or parts of Resolutions inconsistent herewith the same are hereby repealed.

Duly adopted this 26th day of April, 2023 by the Board of Capital Region Water, Dauphin County, Pennsylvania in lawful session duly assembled.

CAPITAL REGION WATER

ATTEST:

By: _____
Chairperson

Assistant Secretary

CERTIFICATE

I, the undersigned Secretary of Capital Region Water, certify that the foregoing Resolution was adopted by a majority vote of the Board at a meeting duly convened according to law and held on April 26, 2023, at which meeting a quorum was present; said Resolution was adopted by an aye or nay vote; said Resolution and the vote thereon showing how each member voted have been recorded in the Minutes of said Board of Directors; and said Resolution remains in effect, unaltered and unamended as of the date of this Certificate.

IN WITNESS WHEREOF, I set my hand and official seal of Capital Region Water this 26th day of April 2023.

Secretary

(SEAL)

EXHIBIT A

Easement Exhibit for Furnley H. Frisch Parcel No: 07-069-001-000 Dauphin County

NOTES:

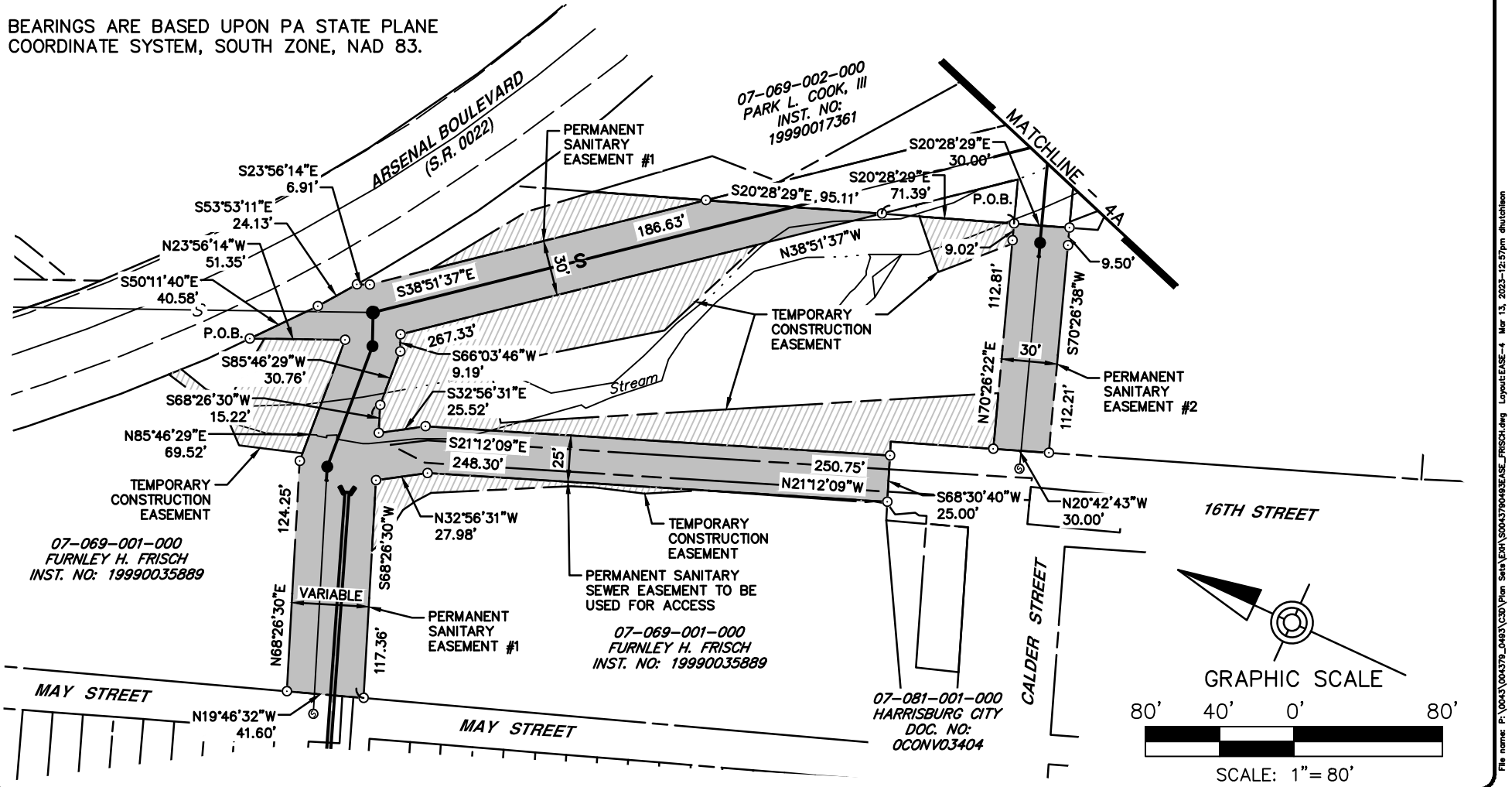
THE PROPERTY LINES SHOWN IN THIS EXHIBIT WERE PREPARED FROM COUNTY TAX MAPS, DEED DESCRIPTIONS, AND LIMITED SURVEY WORK AND DO NOT REPRESENT AN ACTUAL BOUNDARY SURVEY.

THE CENTERLINE OF THE EASEMENT COINCIDES WITH THE LOCATION OF THE PROPOSED SANITARY AND STORM SEWERS UNLESS OTHERWISE NOTED.

BEARINGS ARE BASED UPON PA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83.

LEGEND

	PROPERTY LINE		PERMANENT SANITARY/STORM EASEMENT (26,686 SQ. FT.)
	MUNICIPAL BOUNDARY		TEMPORARY CONSTRUCTION EASEMENT (28,070 SQ. FT.)
	ROAD RIGHT-OF-WAY		
	STREAM		
	SANITARY SEWER		



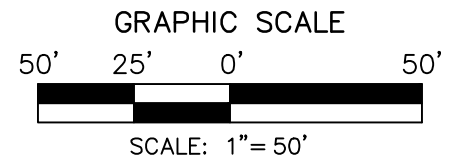
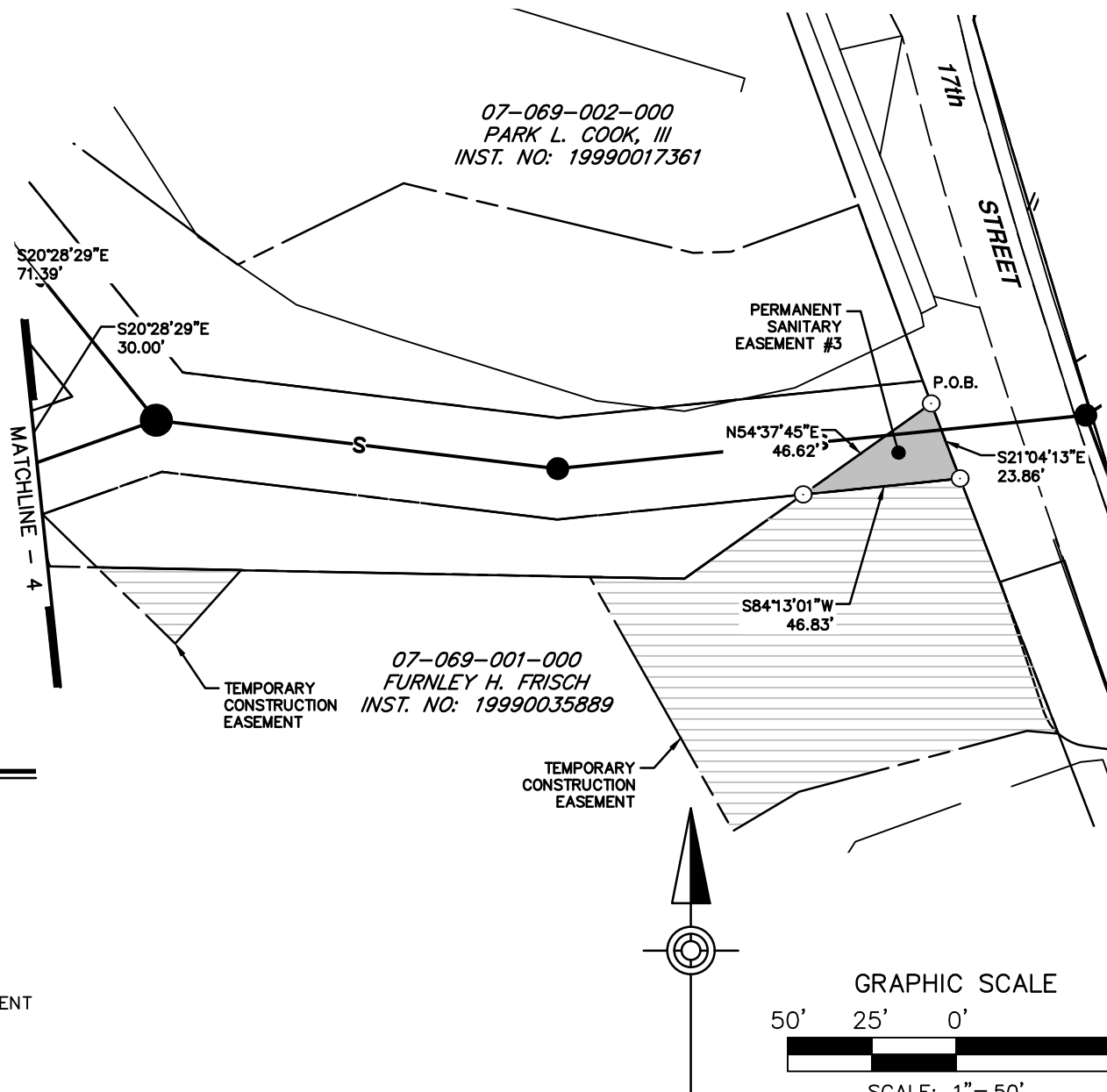
NOTES:
THE PROPERTY LINES SHOWN IN THIS EXHIBIT
WERE PREPARED FROM COUNTY TAX MAPS,
DEED
DESCRIPTIONS, AND LIMITED SURVEY WORK
AND DO NOT REPRESENT AN ACTUAL
BOUNDARY SURVEY.

THE CENTERLINE OF THE EASEMENT
COINCIDES WITH THE LOCATION OF THE
PROPOSED SANITARY AND STORM SEWERS
UNLESS OTHERWISE NOTED.

BEARINGS ARE BASED UPON PA STATE
PLANE COORDINATE SYSTEM, SOUTH ZONE,
NAD 83.

LEGEND

	PROPERTY LINE
	MUNICIPAL BOUNDARY
	ROAD RIGHT-OF-WAY
	STREAM
	SANITARY SEWER
	PERMANENT SANITARY EASEMENT (26,686 SQ. FT.)
	TEMPORARY CONSTRUCTION EASEMENT (28,070 SQ. FT.)



HRG
Harrisburg Regional Growth
Engineering & Related Services
AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1156
hrg@hrg-inc.com
www.hrg-inc.com

EASEMENT EXHIBIT
FOR
FURNLEY H. FRISCH
PARCEL NO: 07-069-001-000

CITY OF HARRISBURG

DAUPHIN COUNTY

PENNSYLVANIA

PROJ. MGR. - MDK
DESIGN - SF
CADD - DMH
CHECKED - KH
SCALE - AS SHOWN
DATE - MARCH 2023

DRAWING NO.
EASE-4
SHEET NO.
2 OF 2
PROJECT R004379.0493

File name: F:\0043\004379_0493\CADD\Plan Set\LRN\0043790493\EASE_FRISCH.dwg Layout: EASE-4.dwg Mar 15, 2023 - 4:30pm dmlchuan

Issue:

Change Order No. 1 with Farhat Excavating, LLC for the 2023 Sewer System Improvements project (Excavation contract).

Background:

- Farhat Excavating, LLC is the General Contractor for the 2023 Sewer System Improvements project (Excavation contract).
- This change order includes the addition of a new bid item to deepen stormwater inlets, coordination to work around utility conflicts and connection of a 24" pipe to an existing manhole.
- The total cost of Change Order No. 1 is \$44,005.76 with an increase of four (4) days to the contract time.
- The Engineer has reviewed the change order request and recommends approval.

Items for Consideration:

- The General Contractor's original contract value was \$1,896,875.
- Change Order No. 1 results in an increase of \$44,005.76 and an increase of four (4) days to the contract time.
- The revised contract value, including all change orders to date will be \$1,940,880.76.
- The labor is being self-performed by the contractor and there is no new M/W/DBE participation: \$0.00 / 0.00%.

Board Committee Review:

- Operations and Engineering April 12, 2023

Recommendation:

The Board authorizes the Director of Engineering to execute Change Order No. 1 with Farhat Excavating, LLC in the amount of \$44,005.76 and an increase of four (4) days to the contract time. M/W/DBE Commitment: \$0.00 / 0.00%. Funding Source: Wastewater #80800801-80100-00127 – Sewer Rehab Pennvest \$21M.

Attachments:

- Change Order No. 1, dated April 6, 2023
- M/W/DBE Exhibit 1
- Change Order Log



CHANGE ORDER NO. 1

Date of Issuance: April 6, 2023

Effective Date: Date Executed by Owner

Owner: Capital Region Water

Contract No.: 2022-15

Contractor: Farhat Excavating, LLC

Contract Name: Excavation

Engineer: Herbert, Rowland & Grubic, Inc.

HRG Project No.: 004379.0496

Project: 2023 Sewer System Improvements Project

The Contract is modified as follows upon execution of this Change Order:

Description:

New Line Item for – Inlet Adjustment – \$2,000.00/V.F. – Estimated Quantity – 19 = \$38,000.00

Costs for Contractor's Request for Change Order No. 1 – Engineer's Decision Dated March 29, 2023 = \$2,505.76

Contractor's Costs for 1 – 24" Sewer Connection to Existing Manhole = \$3,500.00

Total - \$44,005.76

Attached (List documents supporting change): MWDBE Plan – Exhibit 1 – Change Order No.1, Contractor Backup for Adjustment per Vertical Foot of Inlet Adjustment, Engineer's Decision on Request for Change Order No.1 Dated March 29, 2023

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ <u>1,896,875.00</u>	Original Contract Times: Substantial Completion: <u>336 Days</u> Ready for Final Payment: <u>366 Days</u> days
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ _____	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ <u>1,896,875.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>336 Days</u> Ready for Final Payment: <u>366 Days</u> days
[Increase] [Decrease] of this Change Order: \$ <u>44,005.76</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>4 Days</u> Ready for Final Payment: <u>4 Days</u> days
Contract Price incorporating this Change Order: \$ <u>1,940,880.76</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>340 Days</u> Ready for Final Payment: <u>370 Days</u> days

RECOMMENDED:

AUTHORIZED BY:

RECEIVED:

By: Matthew D. Cilly

By: _____

By: Samuel

Engineer (Authorized Signature)

Owner (Authorized Signature)

Contractor (Authorized Signature)

Title: Team Leader | Water & Wastewater

Title: David W. Stewart, P.E.
Director of Engineering

Title: Owner – Farhat Excavating, LLC

Date: April 6, 2023

Date: 4/26/2023

Date: 4/7/23



Minority/Women/Disadvantaged Business Enterprise Plan - Exhibit 1

MBE/WBE/DBE SOLICITATION AND COMMITMENT STATEMENT

OWNER / PRIME BIDDER'S FIRM NAME (1) Farhat Excavating, LLC		PROJECT NAME (2) CRW 2023 Sewer Improvements Project - Change Order #1	
ADDRESS 3139 Susquehanna Trail, Duncannon, PA 17020		BID OPENING DATE 10/4/2022	CONTRACT AWARD DATE
TELEPHONE NUMBER 717-834-3850		CONTACT PERSON Zene Farhat	

(3)	(4)	(4)	(4)	(4)	(5)	(6)	(7)	
COMPANY NAME EIN/SSN TELEPHONE NUMBER	DATE OF SOLICITATION	MBE	WBE	DBE	CERTIFICATION PROGRAM AND NUMBER	TYPE OF WORK TO BE PERFORMED AND/OR MATERIAL TO BE SUPPLIED	TOTAL DOLLAR AMOUNT OF QUOTE RECEIVED	TOTAL COMMITMENT DOLLAR AMOUNT
**None Needed.								

*(8) Note: List those certified minority and/or women owned businesses from whom you solicited quotes or who contacted you and gave you quotes in regard to this Invitation to Bid. Contact with MBE/WBE/DBE subcontractors should be at least equivalent to the notice given to other subcontractor proposers.

(9) PREPARED BY (please print) Zene Farhat	TELEPHONE NUMBER 717-834-3850	E-MAIL Zene@Farhatexcavating.com
--	---	--

* Use additional sheets if necessary

**This Change Order only required the purchase of Inlet Precast Sections and the labor associated with this did not involve MWDBE business enterprises.

Bates, Justin

From: Zene Farhat <zene@farhatexcavating.com>
Sent: Tuesday, March 7, 2023 7:56 AM
To: Bates, Justin
Cc: Cichy, Matt
Subject: Re: CRW 2023 SSI - Change Order No. 1
Attachments: CRW Contract No. 2022-15 Change Order No. 1.pdf; CO #1 Owner Minority Women and Other DBE Forms.pdf; Monarch - Riser pricing.pdf

This message originated from outside your organization

Justin,

Here is the information for Change Order #1.

The price is for picking up the sections from the CRW laydown area. Bringing the boxes to the site. Diggin out for the extra footage and backfill. We also will need to strap the utility pole since we are digging beside it and deeper than the pole.

Thanks

Zene Farhat
Owner
Farhat Excavating, LLC
3139 Susquehanna Trail
Duncannon, PA 17020
(717)834-3850
Zene@FarhatExcavating.com

On Mon, Mar 6, 2023 at 3:37 PM Bates, Justin <jbates@hrg-inc.com> wrote:

Zene,

As discussed I need your backup and the MWDBE Exhibit 1 filled out and sent to me by tomorrow morning. I am trying to get it on this month's agenda. Please let me know if you have any questions.

Best,

Justin Bates, EIT

Team Leader | Water & Wastewater

Herbert, Rowland & Grubic, Inc.

369 East Park Drive

Harrisburg, PA 17111

717.564.1121 (o) | 570.470.4720 (c)

[vCard](#) | hrg-inc.com | [LinkedIn](#) | [Facebook](#)



Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware by **Mimecast Ltd.**



Zene Farhat <zene@farhatexcavating.com>

Riser pricing

2 messages

Christa Liptak <christa@monarchproducts.net>
To: Zene Farhat <zene@farhatexcavating.com>

Thu, Mar 2, 2023 at 10:01 AM

Hi Zene,

A 12" riser delivered will cost \$625.

A 24" riser delivered will cost \$750

A 36" riser delivered will cost \$875

A 48" riser delivered will cost \$1,000

We do have all these in stock.

Thanks,

Christa

Christa Wagman Liptak

Monarch Products Co., Inc.

[385 Sipe Road](#)

[York Haven, PA 17370](#)

(717) 932-6824

www.monarchproducts.net

Zene Farhat <zene@farhatexcavating.com>
To: Christa Liptak <christa@monarchproducts.net>

Mon, Mar 6, 2023 at 7:41 AM



Herbert, Rowland & Grubic, Inc.
369 East Park Drive
Harrisburg, PA 17111
717.564.1121
www.hrg-inc.com

March 29, 2023

Mr. Zene Farhat
Farhat Excavating, LLC
3139 Susquehanna Trail
Duncannon, PA 17020

Re: Change Proposal No.1, 2023 Sewer System Improvements Project, Contract No. 2022-15: Excavation, Capital Region Water (CRW)

Dear Mr. Farhat:

On March 7, 2023, we received Change Proposal No.1 (attached) dated March 7, 2023, requesting an increase in Contract Price of \$9,416.16 and an increase in Contract Time of two (2) days due to Contractor claims of down time associated with changes to Work associated with stormwater inlets 2753, 2754, and associated piping. We have completed our full review of the Change Proposal as provided in General Conditions paragraph 11.06.A.2 and offer the following:

SWINLT-002754:

Contractor is claiming two (2) hours of downtime associated with pipe installation between SWINLT-002754 and SSMH-002140, totaling \$1,345.16. Contractor was awaiting direction from Engineer due to utility conflicts associated with changes made on February 27, 2023. In review of the associated labor and equipment rates we offer the following comments:

1. Per Prevailing Wage Rates for Operator Class 1 and information provided on Certified Payrolls Total Rate per Hour including Fringe Benefits is \$63.80/hr. Total for two (2) hours is \$127.60, Contractor is requesting \$127.72.
2. All equipment Contractor is requesting has an FHWA equipment rate for ownership and operating. All equipment while in a downtime status will be paid at an idle rate. The rates for the equipment requested are as follows:
 - a. Caterpillar 314D LCR Excavator – Idle Rate - \$68.28/hr. x 2hrs = \$136.56
 - b. Mack RD890SX Triaxle – Idle Rate - \$62.08/hr. x 2hrs. = \$124.16
 - c. RAM 3500 Pickup Truck – Idle Rate \$43.04/hr. x 2hrs. = \$86.08
3. Contractor is due a 15% markup on equipment and labor per Article 11.04 C. 2a., Contractor is requesting a 10% markup.

- 4. Engineer approves of an adjusted total with 15% markup of \$1,252.88 for the downtime associated with SWINLT-002754.**

SWINLT-002753:

Contractor is claiming 12 hours of downtime associated with the piping between SWINLT-002753 and SSMH-002139. Contractor is claiming they needed to fill in the trench, on February 23, 2023, for work associated with the piping installation between the structures due to time restrictions with the PennDOT HOP. Contractor had questions about the installation of piping from both SWINLT-002753 and SWINLT-002754 on February 23, 2023, I visited the site and provided direction to the Contractor at 11:00 AM (RPR Daily Observation Report Attached). Saw cutting for the pipe installation between SWINLT-002753 and SSMH-002139 began at 1:00PM. During excavation existing conditions were discovered that required additional direction from Engineer. Direction was given to install the pipe at a consistent slope between the structure and to plug the existing pipe penetration at the manhole. Contractor began core drilling the storm water inlet at 2:30 PM and began excavation. No pipe was placed during Work on February 23, 2023. Contractor completed the installation of pipe on February 27, 2023 (RPR Daily Observation Report attached). Contractor is claiming 12 hours of downtime associated with having to close the trench and reopen the trench the next Workday, totaling \$8,071.00. In review by Engineer, it is the Engineer's determination that starting the Work at 2:30PM with PennDOT Work Hours ending at 3:00PM Contractor could not complete the change in work in 30 minutes. However, Engineer does agree there was a downtime of two (2) hours between the changes on site and direction being given. In review of the labor and equipment rates we offer the following:

1. Per Prevailing Wage Rates for Operator Class 1 and information provided on Certified Payrolls Total Rate per Hour including Fringe Benefits is \$63.80/hr. Total for two (2) hours is \$127.60, Contractor is requesting \$63.86/hr.
2. All equipment Contractor is requesting has an FHWA equipment rate for ownership and operating. All equipment while in a downtime status will be paid at an idle rate. The rates for the equipment requested are as follows:
 - a. Caterpillar 314D LCR Excavator – Idle Rate - \$68.28/hr. x 2hrs = \$136.56
 - b. Mack RD890SX Triaxle – Idle Rate - \$62.08/hr. x 2hrs. = \$124.16
 - c. RAM 3500 Pickup Truck – Idle Rate \$43.04/hr. x 2hrs. = \$86.08
3. Contractor is due a 15% markup on equipment and labor per Article 11.04 C. 2a., Contractor is requesting a 10% markup.
- 4. Engineer approves of an adjusted total with 15% markup of \$1,252.88 for the downtime associated with SWINLT-002754.**

Engineer's decision is to approve part of the Change Order Request in a total amount of \$2,505.76 for downtime with a 15% markup included in the total price.

Mr. Zene Farhat
Farhat Excavating, LLC
March 29, 2023
Page 3

This decision is final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.

If you have any questions, please feel free to contact me.

Sincerely,

Herbert, Rowland & Grubic, Inc.



Justin Bates, EIT
Team Leader | Water & Wastewater

Attachments

JB/cjk/rb
004379.0496

p:\0043\004379_0496\ca\contract no. 2022-15 - excavation\change orders\request for change orders\rfc no. 1\crw contract no. 2022-15 - engineer's decision on request for change no.1.docx

c: Via Email
 Jeff Bowra, PE – CRW
 Dave Stewart, PE – CRW
 Matt Chisnell – CRW
 Ed Ellinger, PE – HRG
 Caleb Krauter, PE – HRG
 Matt Cichy, PE – HRG
 Scott Fisher – HRG
 Aaron Mock – HRG
 HRG File



CHANGE ORDER REQUEST (PROPOSAL)

Project: 2023 Sewer System Improvements Project

Change Order Request Number: 1

From (Contractor): Farhat Excavating, LLC

To: Justin Bates

Date: 3/7/2023

HRG Project Number: 004379.0496

Re: Downtime and additional work hours

Contract For: 2022-15: Excavation

This Change Order Request (C.O.R.) contains an itemized quotation for changes in the Contract Sum or Contract Time in response to proposed modifications to the Contract Documents based on Proposal Request No. 1.

Description of Proposed Change:

Crew had 2 hours of downtime waiting on direction from Engineer. SWINLT 002754

Crew had 12 hours of extra work. We had waited 1 hour for direction. We were dug up to the 2 feet within the manhole. Connection was to be 2' outside of manhole. Direction was given to block off old pipe and core new hole above pipe into Manhole. This direction was to much work to complete in day light hours. Crew was already passed the 3:00 restriction per the HOP. Crew backfilled the area and placed cold patch. Next day Crew dug the area back up. Time was charged for backfilling the area and digging back up to the point of the new direction. SWINLT 002753

Attached supporting information from:

☐ Subcontractor ☐ Supplier ☐ _____ ☐ _____

Reason For Change:

Site conditions were different from plans. Direction given was different then plans. Contractor did not have enough time to finish the scope of work due to day light hours that would be needed. Had to backfill area and come back next day on SWINLT 002753.

2 Hrs no work could be done. Direction was needed to continue work. SWINLT 002754

Does Proposed Change involve a change in Contract Sum? ☐ No ☒ Yes [Increase] ~~[Decrease]~~ \$ 9,416.16
Does Proposed Change involve a change in Contract Time? ☐ No ☒ Yes [Increase] ~~[Decrease]~~ 2 days.

Attached pages: ☐ Proposal Worksheet Summary: _____
☐ Proposal Worksheet Detail(s): Next Page - Equipment Watch Rates Attached

Signed by: _____ Date: _____

Copies: ☒ Owner ☐ Consultants ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ File

SWINLT 002754 - (2hrs waiting on direction for utility conflicts)

3 Laborers 6 hrs @ \$46.16 = \$276.96
1 Foreman 2 hrs @ \$46.16 = \$92.32
1 Operator 2 hrs @ \$63.86 = \$127.72
1 Truck Driver 2 hrs @ \$37.79 = \$75.58
2 Flaggers 4 hrs @ \$42.55 = \$170.20
1 314DL Excavator 2 hrs @ \$105.63 = \$211.26
1 Tri Axle 2 hrs @ \$81.23 = \$162.46
1 Pickup Truck @ \$53.19 = \$106.38

\$1222.88 + 10% Overhead = \$1,345.16

SWINLT 002753 - (12 hrs down time on direction, cap off ditch and close for reopening roadway. Crew on roadway till 6)

36 Laborers 36 hrs @ \$46.16 = \$1661.76
12 Foreman 12 hrs @ \$46.16 = \$553.92
12 Operator 12 hrs @ \$63.86 = \$766.32
12 Truck Driver 12 hrs @ \$37.79 = \$453.48
24 Flaggers 24 hrs @ \$42.55 = \$1021.20
12 314DL Excavator 12 hrs @ \$105.63 = \$1267.56
12 Tri Axle 12 hrs @ \$81.23 = \$974.76
12 Pickup Truck 12 hrs @ \$53.19 = \$638.28

\$7337.28 + 10% Overhead = \$8,071.00

Adjustments for 314DLCR in All Units

March 1, 2023

Caterpillar 314D LCR (disc. 2013)

Crawler Mounted Hydraulic Excavators



Size Class:

12.5 - 14.4 mt

Weight:

31085 lbs

Configuration for 314D LCR (disc. 2013)

Operating Weight **14.1 mt** Power Mode **Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$10,505.00	USD \$2,940.00	USD \$735.00	USD \$110.00	USD \$45.94	USD \$105.63
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2013: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$10,505.00	USD \$2,940.00	USD \$735.00	USD \$110.00	USD \$45.94	USD \$105.63

Non-Active Use Rates

	Hourly
Standby Rate	USD \$33.42
Idling Rate	USD \$68.28

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	34%	USD \$3,571.70/mo
Overhaul (ownership)	44%	USD \$4,622.20/mo
CFC (ownership)	12%	USD \$1,260.60/mo
Indirect (ownership)	10%	USD \$1,050.50/mo
Fuel (operating) @ USD 5.14	19%	USD \$8.59/hr

Revised Date: 1st quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ZENE FARHAT
(zene@farhatexcavating.com)

Adjustments for MACK DUMPTRUCK in All Units

March 1, 2023

Mack RD890SX (disc. 2002)

On-Highway Truck Tractors

Size Class:

60,001 lbs & Over

Weight:

22650 lbs

Configuration for RD890SX (disc. 2002)

Horsepower

300.0

Power Mode

Diesel
Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$4,275.00	USD \$1,200.00	USD \$300.00	USD \$45.00	USD \$56.94	USD \$81.23
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2002: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$4,275.00	USD \$1,200.00	USD \$300.00	USD \$45.00	USD \$56.94	USD \$81.23

Non-Active Use Rates

Hourly

Standby Rate

USD \$16.52

Idling Rate

USD \$62.08

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	47%	USD \$2,009.25/mo
Overhaul (ownership)	32%	USD \$1,368.00/mo
CFC (ownership)	9%	USD \$384.75/mo
Indirect (ownership)	12%	USD \$513.00/mo
Fuel (operating) @ USD 5.14	66%	USD \$37.79/hr

Revised Date: 1st quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ZENE FARHAT
(zene@farhatexcavating.com)

Adjustments for RAM PICKUP in All Units

March 1, 2023

RAM 3500 RAM ST 4x4 Diesel (disc. 2018)

Crew Cab Pickups

Size Class:

3

Weight:

N/A



Configuration for 3500 RAM ST 4x4 Diesel (disc. 2018)

Power Mode	Diesel	Wheelbase	172 Inches
Axle Configuration	4x4	Complete / Incomplete	C
Gross Vehicle Weight	13500 Pounds		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$3,080.00	USD \$865.00	USD \$215.00	USD \$32.00	USD \$35.69	USD \$53.19
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2018: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$3,080.00	USD \$865.00	USD \$215.00	USD \$32.00	USD \$35.69	USD \$53.19

Non-Active Use Rates

	Hourly
Standby Rate	USD \$11.55
Idling Rate	USD \$43.04

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	USD \$1,108.80/mo
Overhaul (ownership)	34%	USD \$1,047.20/mo
CFC (ownership)	12%	USD \$369.60/mo
Indirect (ownership)	18%	USD \$554.40/mo
Fuel (operating) @ USD 5.14	72%	USD \$25.54/hr

Revised Date: 1st quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ZENE FARHAT
(zene@farhatexcavating.com)

Project: **2023 Sewer System Improvements**
 Project: **Project**
 Owner: **Capital Region Water (CRW)**
 Re: _____

Report No.: **12**
 HRG Project No.: **004379.0486**
 Date: **02/23/2021** Time: **7:00am-5:30pm**

Weather		Site Conditions		Day	
<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Snow	<input checked="" type="checkbox"/> Warm	<input type="checkbox"/> Clear	<input type="checkbox"/> Dusty	<input type="checkbox"/> Monday
<input type="checkbox"/> Overcast	<input type="checkbox"/> Foggy	<input type="checkbox"/> Hot	<input type="checkbox"/> Muddy		<input checked="" type="checkbox"/> Thursday
<input type="checkbox"/> Rain	<input type="checkbox"/> Cold	<input type="checkbox"/> Partly cloudy	<input type="checkbox"/> Temperature Range 48-73		<input type="checkbox"/> Tuesday
					<input type="checkbox"/> Friday
					<input type="checkbox"/> Wednesday

Work Force: CONTRACTOR: Farhat Excavating						
Classification						
Time Worked:	7:00am-5:00pm					
PM:	Zene Farhat					
Foreman:	Casey Jenkins	(717) 571-9641				
Operator:	1					
Laborer:	2					
Truck Driver:	2					
Equipment:	CAT 314D Excavator	CAT 420E Backhoe w/ breaker	2 Triaxle Dump Trucks	2 support trucks	Road saw	

Subcontractors at Site:

FYES Traffic Control (2 man crew)

Persons Contacted & Items Discussed:

Justin Bates – Contacted Justin about SWINLT 002754 and the 12" VCP shown on the plan and how it is to tie in at SSMH 002139. The 12" pipe in SSMH 002139 does not appear to align with how the one call marking. Contacted Justin later in the day to discuss the pie run from SWINLT 00002753 to SSMH-002139.

Visitors:

Justin Bates – HRG
 Matt Chisnell – CRW
 Judd Messaris – City of HBG

Work Observed:

7:00am – Contractor on site at the intersedtion of 15th and Derry St. Contractor will be working to install pipe at SWINLT 002573.

8:00am – FYES Traffic Control on site, set up signs and cones.

8:30am – Contractor began excavating and removal of temporary backfill at SWINLT 002753.

9:30am – Contractor had temporary backfill removed. They began setting up the core drill to make the bore on the side of SWINLT 002753 for the 6" pipe penetration. Contractor completed the bore and made the necessary connection to the 6" Cast Iron pie. A 5' piece of 6" SDR35 pie was used along with a 6" strongback fernco connector (Cast to plastic).

11:00am – Justin Bates visited the site to look at the pipe alignment from SSMH 002139 to SWINLT 002754. He informed us that the 12" pipe had been found to be abandoned. Through discussion with Matt Cichy, it was determined the SWINLT 002754 will be connected to SSMH-002140 by replacing the existing 8" pipe in kind with 12".

1:00pm – Contractor began saw cut the roadway for the pipe run from SWINLT 002753 to SSMH-002139. Contractor began excavating for the pipe run. Existing pipe was found to make a grade change that would present a conflict with existing phone duct bank if the new pipe were to be installed in kind. After speaking with Justin Bates and Matt Cichy, it was determined to run the new 12" pipe at a consistent grade and to make a penetration into SSMH-002139 as opposed to connecting outside of the sucture.

2:30pm – Contractor made necessary penetrations to SWINLT 002753 to allow for the 12" pipe penetraton.


4:00pm – Contractor began backfilling the trench, placing lifts of stone and compacting with a jumping jack and plate tamper. Finally placing a lift of cold patch temporary paving.

5:30pm – FYES Traffic Control took down pattern and signs. FYES off-site Contractor and RPR off-site.

Materials Delivered:**Quantity Installed:****Request for Interpretation:****Nonconforming Work Reported to Date to Contractor****Testing:****Remarks:**

☒ Attachments: Photos Uploaded to HRG Project Directory

Signed by: Scott Fisher



Date: 02/23/2023

Copies:

☒ File

☒ Owner

☐ [OTHER]



DAILY FIELD OBSERVATION REPORT

Project: **2023 Sewer System Improvements**
Project: Project
Owner: Capital Region Water (CRW)
Re: _____

Report No.: 13
HRG Project No.: 004379.0496
Date: 02/27/2021 Time: 7:00am-5:00pm

Weather		Site Conditions		Day	
<input type="checkbox"/> Clear	<input type="checkbox"/> Snow	<input checked="" type="checkbox"/> Warm	<input type="checkbox"/> Clear	<input type="checkbox"/> Dusty	<input checked="" type="checkbox"/> Monday
<input checked="" type="checkbox"/> Overcast	<input type="checkbox"/> Foggy	<input type="checkbox"/> Hot	<input type="checkbox"/> Muddy		<input type="checkbox"/> Thursday
<input checked="" type="checkbox"/> Rain	<input type="checkbox"/> Cold	<input type="checkbox"/> Partly cloudy	<input type="checkbox"/> Temperature Range <u>32-41</u>		<input type="checkbox"/> Tuesday
			<input type="checkbox"/> Wednesday		

Work Force: CONTRACTOR: Farhat Excavating

Classification					
Time Worked:	7:00am-5:00pm				
PM:	Zene Farhat				
Foreman:	Casey Jenkins	(717) 571-9641			
Operator:	1				
Laborer:	2				
Truck Driver:	2				
Equipment:	CAT 314D Excavator	CAT 420E Backhoe w/ breaker	2 Triaxle Dump Trucks	2 support trucks	

Subcontractors at Site:

FYES Traffic Control (2 man crew)

Persons Contacted & Items Discussed:

Visitors:

Judd Mesaris – City of HBG

Work Observed:

7:00am – Contractor on site at the intersection of 15th and Derry St. Contractor will be working to install pipe at SWINLT 002573.

8:00am – FYES Traffic Control on site, set up signs and cones.

8:30am – Contractor began excavating and removal of temporary backfill at trench from SWINLT 002753 to SSMH-002139.

10:30am – Contractor had temporary backfill removed. They began making the penetration into SSMH-002139 by removing existing brick with chipping hammer. Existing 12" clay pipe was bricked shut on both ends. Clean stone was placed inside of existing clay pipe to eliminate the chance of a void opening up below the new pipe.

12:00pm – Contractor made necessary penetrations to SSMH-002139 to allow for the 12" pipe penetration.

2:00pm – Contractor placed 25' of 12" SDR35 PVC pipe in trench. Pipe was installed at a grade of 3.1% from SWINLT 002753 to SSMH-002139. 1B stone used for bedding and initial backfill of pipe. Pipe penetrations were bricked and grouted.

3:30pm – Contractor began backfilling the trench, placing lifts of stone and compacting with a jumping jack and plate tamper. Warning tape placed in trench. Finally placing a lift of cold patch temporary paving.

4:30pm – FYES Traffic Control took down pattern and signs. FYES off-site Contractor and RPR off-site.

Materials Delivered:**Quantity Installed:**

25' of 12" SDR35 PVC

Request for Interpretation:**Nonconforming Work Reported to Date to Contractor****Testing:****Remarks:**

☒ Attachments: Photos Uploaded to HRG Project Directory

Signed by: Scott Fisher



Date: 02/27/2023

Copies:

☒ File

☒ Owner

☐ [OTHER]

CHANGE ORDER LOG

Project:
Owner:
Contract:
Contractor:
Original Contract Amount:

2023 Sewer System Improvements
Capital Region Water
2022-15
Farhat Excavating LLC

\$9,437,660.00



PCO No.	CO Number	Description	Time Change (Calendar Days)	Change Order Amount	Percentage of Original Contract Amount	M/W/DBE Change Order Company (name or n/a)	M/W/DBE Change Order Commitment (Dollar/Percent)		Current Contract Amount	M/W/DBE Total Project Commitment (Dollar/Percent)		Date of Board Approval / CRW Execution	Explanation
									\$ 1,896,875.00	\$ 206,994.00	10.9%		
	1	deepen inlets (VF), utility conflicts coordination, 24" pipe connection to manhole	4	\$ 44,005.76	2.32%	n/a	\$0.00	0.0%	\$ 1,940,880.76	\$206,994.00	10.7%		Unforeseen conditions
TOTAL				\$ 44,005.76	2.3%								

Issue:

Change Order No. 18 (Contract No. 1) with Eastern Environmental Contractors, Inc. (EEC) for the AWTF Primary Digester Rehabilitation project.

Background:

- EEC is the General Contractor for the AWTF Primary Digester Rehabilitation project.
- Change Order No. 18 is the final compensating change order to adjust actual bid quantities used during construction. A detailed table with quantities and costs is attached to the issue brief. The change order includes the following items:
 - 1) Additional removal of digester debris in the amount of \$205,834.75. The estimated bid quantity of 225 wet tons was based on previous digester cleanout work. The actual quantity removed was 973 wet tons.
 - 2) Additional crack wall injection in the amount of \$13,452.80.
 - 3) Reduction of floor crack repair in the credit amount of (-) \$3,400.
 - 4) Additional concrete spall repair in the amount of \$33,637.50.
 - 5) Full credit of the railroad insurance premium (not used) in the amount of (-) \$25,000.
- The Engineer has reviewed the change order and recommends approval. Upon approval, the contract will be closed out.

Items for Consideration:

- The General Contractor's original contract value was \$7,977,900.
- Change Order No. 18 results in an increase of \$224,525.05 and no change to the contract time.
- The revised contract value including all change orders to date will be \$9,180,658.45.
- The work was performed by the EEC's subcontractor's labor force and does not include new M/W/DBE participation: \$0.00 / 0.00%.

Board Committee Review:

- Operations and Engineering April 12, 2023

ISSUE BRIEF
Change Order No. 18 (Contract No. 1) with
Eastern Environmental Contractors (EEC)
AWTF Primary Digester Rehabilitation Project

Jeff Bowra, P.E.

April 10, 2023

Recommendation:

The Board authorizes the Director of Engineering to execute Change Order No. 18 with Eastern Environmental Contractors, Inc. in the amount of \$224,525.05 and no change to the contract time. M/W/DBE Commitment: \$0.00 / 0.00%. Funding Source: Wastewater #80800801-80100-00020 – Ww Primary Digester Rehabilitation.

Attachments:

- Change Order No. 18 (Contract No. 1)
- M/W/DBE Exhibit 1
- Change Order Log (Contract No. 1)

Date of Issuance: March 2, 2023

Effective Date:

Owner: Capital Region Water (CRW)

Owner's Contract No.: 2016-17

Contractor: Eastern Environmental Contractors, Inc. (EEC)

Contractor's Project No.: 18014

Engineer: Whitman, Requardt & Associates, LLP (WRA)

Engineer's Project No.: 14342.002

Project: Primary Digester Facilities Rehabilitation

Contract Name: Contract #1 –
General Construction

The Contract is modified as follows upon execution of this Change Order:

Description: See attached.

Attachments: EEC Change Order Request – Compensating Change Order dated 10-24-2022

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES [note changes in Milestones if applicable]
Original Contract Price:	Original Contract Times: May 24, 2018
\$ 7,977,900.00	Substantial Completion: February 13, 2020
	Ready for Final Payment: April 13, 2020
	days or dates
Increase from previously approved Change Orders No. <u>1</u> to No. <u>17</u> :	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>17</u> :
\$ 978,233.40	Substantial Completion: 402 days
	Ready for Final Payment: 402 days
	days or dates
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
\$ 8,956,133.40	Substantial Completion: March 21, 2021
	Ready for Final Payment: May 20, 2021
	days or dates
Increase of this Change Order:	[Increase] of this Change Order:
\$224,525.05	Substantial Completion: 0 days
	Ready for Final Payment: 0 days
	days or dates
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
\$9,180,658.45	Substantial Completion: March 21, 2021
	Ready for Final Payment: May 20, 2021
	days or dates

RECOMMENDED:

By: [Signature]
Engineer (if required)

Title: Project Manager

Date: 03-02-2023

ACCEPTED:

By: [Signature]
Owner (Authorized Signature)

David W. Stewart, P.E.

Title: Director of Engineering

Date: 4/26/2023

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Title: VICE PRESIDENT

Date: 3/31/2023

Approved by Funding Agency (if applicable)

By: _____
Title: _____

Date: _____

PRIMARY DIGESTER FACILITIES REHABILITATION
CONTRACT NO.: 2016-17
CONTRACT # 1 – GENERAL CONSTRUCTION

CHANGE ORDER NO. 18
SUMMARY

<u>PCO No.</u>	<u>Description</u>	<u>Proposed Contract Price Change</u>	<u>Proposed Contract Time Change</u>
-	Compensating Change Order - This item includes a compensating change order for final quantities of unit price items.	<u>\$224,525.05</u>	<u>0 days</u>
	Net Change in Contract Price CO No. 18	<u>\$224,525.05</u>	<u>0 days</u>
	TOTAL		
	Contract Price Prior to Change Order No. 18	<u>\$8,956,133.40</u>	<u>-</u>
	Contract Price Including Change Order No. 18	<u>\$9,180,658.45</u>	<u>-</u>
	Contract Time Prior to Change Order No. 18	<u>-</u>	<u>1092 days</u>
	Contract Time Including Change Order No. 18	<u>-</u>	<u>1092 days</u>



EASTERN ENVIRONMENTAL CONTRACTORS, INC.
MECHANICAL & ELECTRICAL

10/24/2022

Whiteman, Requardt and Associates
801 South Caroline Street
Baltimore, MD 21231

Attn: Jeffrey Thompson

Re: CRW Digester – Compensating Change Order

Dear Mr. Thompson, P.E.,

At the request of Paul Rosol (WRA) we are providing the following information and ask that a compensating change order be issued in the amount of \$224,525.05 for the Contract Sum to Date to match the Total Completed and Stored to Date value. Increasing the contract value by this amount will allow for the AFP to be billed at 100% with all values matching as required.

CONTINGENCY UNIT PRICES								
225 Wet Tons Digester Cleaning	\$ 61,875.00	\$267,709.75	\$0.00	\$0.00	\$267,709.75	433%	-\$205,834.75	\$13,385.49
500 LF Concrete Wall Crack Injection - **	\$ 32,000.00	\$45,452.80	\$0.00	\$0.00	\$45,452.80	142%	-\$13,452.80	\$2,272.64
250 LF Floor Crack Repair with Mortar	\$ 4,250.00	\$850.00	\$0.00	\$0.00	\$850.00	20%	\$3,400.00	\$42.50
400 SF Concrete Spall Repair *	\$ 78,000.00	\$111,637.50	\$0.00	\$0.00	\$111,637.50	143%	-\$33,637.50	\$5,581.88
ALLOWANCE: Railroad Insurance Premium	\$ 25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	\$25,000.00	\$0.00
TOTALS	\$ 301,900.05	\$ 425,650.05	\$0.00	\$0.00	\$ 425,650.05	738%	-\$224,525.05	\$21,282.51

If you have any questions, please contact our office to further discuss this request.

Sincerely,

Frank O'Brien

Frank O'Brien
Project Manager

P. O. Box 278
6304 5th Street
Green Lane, PA 18054

(215) 234-8990
FAX: (215) 234-8998



EASTERN ENVIRONMENTAL CONTRACTORS, INC.
MECHANICAL & ELECTRICAL

CRW Primary Digester Project
 Change CO -18
 Contingency Unit Amounts - Differing Values

Unit Description	Bid Unit QTY	Unit Price	Bid Unit Cost	Actual Final Unit QTY	Actual Final Unit Cost	% Difference from Bid Cost to Actual Final Cost	Differing Amount
Digester Debris Removal and Disposal (Wet Tons @ 15% Total Solids)	225	\$275.00	\$61,875.00	973.49	\$267,709.75	433%	-\$205,834.75
Concrete Wall Crack Injection (LF)	500	\$64.00	\$32,000.00	710.2	\$45,452.80	142%	-\$13,452.80
Floor Crack Repair with Mortar (LF)	250	\$17.00	\$4,250.00	50	\$850.00	20%	\$3,400.00
Concrete Spall Repair (SF)	400	\$195.00	\$78,000.00	572.5	\$111,637.50	143%	-\$33,637.50
Railroad Insurance Premium (Allowance)	N/A	Allowance	\$25,000.00	N/A	\$0.00	N/A	\$25,000.00
Total			\$201,125.00		\$425,650.05		-\$224,525.05

P. O. Box 278
 6304 5th Street
 Green Lane, PA 18054

(215) 234-8990
 FAX: (215) 234-8998

Minority/Women/Disadvantaged Business Enterprise Plan - Exhibit 1

Change Order #18

MBE/WBE/DBE SOLICITATION AND COMMITMENT STATEMENT

OWNER / PRIME BIDDER'S FIRM NAME (1) <u>Eastern Environmental Contractors</u>		PROJECT NAME (2) <u>CRW - Primary Digester Facilities Rehab</u>	
ADDRESS <u>Green Lane, PA 18054</u>		BID OPENING DATE <u>N/A</u>	CONTRACT AWARD DATE <u>N/A</u>
TELEPHONE NUMBER <u>215-234-8990</u>		CONTACT PERSON <u>Frank O'Brien, Project Manager</u>	

* (3)	(3)	(4)	(4)	(4)	(4)	(5)	(6)	* (7)
COMPANY NAME EIN/SSN TELEPHONE NUMBER	DATE OF SOLICITATION	MBE	WBE	DBE	CERTIFICATION PROGRAM AND NUMBER	TYPE OF WORK TO BE PERFORMED AND/OR MATERIAL TO BE SUPPLIED	TOTAL DOLLAR AMOUNT OF QUOTE RECEIVED	TOTAL COMMITMENT DOLLAR AMOUNT
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*(8) Note: List those certified minority and/or women owned businesses from whom you solicited quotes or who contacted you and gave you quotes in regard to this Invitation to Bid. Contact with MBE/WBE/DBE subcontractors should be at least equivalent to the notice given to other subcontractor proposers.

(9) PREPARED BY (please print) <u>Frank O'Brien</u>	TELEPHONE NUMBER <u>215-234-8990</u>	E-MAIL <u>FRANK@EECINC.COM</u>
--	---	-----------------------------------

* Use additional sheets if necessary

CHANGE ORDER LOG

Project: AWTF Digester Rehabilitation
Owner: Capital Region Water
Contract: General Construction (Contract No. 1)
Contractor: Eastern Environmental Contractors, Inc.
Original Contract Amount:

\$7,977,900.00



PCO No.	CO Number	Description	Time Change (Calendar Days)	Change Order Amount	Percentage of Original Contract Amount	M/W/DBE Change Order Company (name or n/a)	M/W/DBE		Current Contract Amount	M/W/DBE Total Project Commitment (Dollar/Percent)		Date of Board Approval / CRW Execution	Reason
							Change Order Commitment (Dollar/Percent)			(Dollar/Percent)			
									\$ 7,977,900.00	\$ 1,046,976.00	13.1%		
1	1	utility relocation changes	0	\$ (52,374.98)	-0.66%	n/a	\$0.00	0.0%	\$ 7,925,525.02	\$1,046,976.00	13.2%	11/28/2018	Design Issues - Drawings
3	2	wood nailer installation & fascia extender	0	\$ 4,001.52	0.05%	n/a	\$0.00	0.0%	\$ 7,929,526.54	\$1,046,976.00	13.2%	1/23/2019	Design Issues - Drawings
4	3	Roof hatch on Co-Gen Building	0	\$ 1,553.39	0.02%	n/a	\$0.00	0.0%	\$ 7,931,079.93	\$1,046,976.00	13.2%	1/23/2019	unforeseen conditions
6	4	Remove & replacement of soffit & wood framing on the interconnecting roof	0	\$ 3,065.52	0.04%	n/a	\$0.00	0.0%	\$ 7,934,145.45	\$1,046,976.00	13.2%	1/23/2019	unforeseen conditions
7	5	Remove & replacement of groundwater relief valves	0	\$ 24,657.30	0.31%	n/a	\$0.00	0.0%	\$ 7,958,802.75	\$1,046,976.00	13.2%	3/27/2019	unforeseen conditions
11 R2; 13R1; 14; 15; 16	6	Sludge Density Meter, Waterproofing Envelope Modifications, Additional Plug Valves, Replacement of (2) MJ Gate Valves, Additional Rebar & Concrete Repairs and Glass Lined Plug Valve Time Extension request.	198	\$ 115,955.68	1.45%	n/a	\$0.00	0.0%	\$ 8,074,758.43	\$1,046,976.00	13.0%	6/26/2019	unforeseen conditions
01-017; 01-018R1	7	Gas Piping Modifications	0	\$ 28,670.02	0.36%	n/a	\$0.00	0.0%	\$ 8,103,428.45	\$1,046,976.00	12.9%	9/26/2019	owner request
01-020	8	Primary Sludge Tunnel	0	\$ 180,971.18	2.27%	n/a	\$0.00	0.0%	\$ 8,284,399.63	\$1,046,976.00	12.6%	1/22/2020	owner request
01-024	9	Repair leaking Digester No 2 w/Xypex coating on interior wall	0	\$ 311,048.50	3.90%	n/a	\$0.00	0.0%	\$ 8,595,448.13	\$1,046,976.00	12.2%	3/25/2020	Repairs for unanticipated leaks in the digester wall.
01-021R1; 01-022; 01-026; 01-028	10	Penthouse Increase Height of Curb & Additional Interior Pad Roof Drain Leader Relocation T&M Digester Access Door gaskets T&M Work to Install New Valves & Test the Hot Water Loop	0	\$ 38,154.09	0.48%	n/a	\$0.00	0.0%	\$ 8,633,602.22	\$1,046,976.00	12.1%	7/22/2020	see attached memo
01-034	11	Hot Water Piping Replacement	0	\$ 77,517.76	0.97%	n/a	\$0.00	0.0%	\$ 8,711,119.98	\$1,046,976.00	12.0%	7/22/2020	see attached memo
01-033R1	12	New Grading, curb, sidewalk and slab @ electrical building and CL2 storage shed.	0	\$ 34,641.03	0.43%	n/a	\$0.00	0.0%	\$ 8,745,761.01	\$1,046,976.00	12.0%	8/26/2021	Design Issues - Drawings
01-036	13	Installation of additional flow meter	0	\$ 5,762.41	0.07%	n/a	\$0.00	0.0%	\$ 8,751,523.42	\$1,046,976.00	12.0%	10/28/2020	Owner Request
01-025R1; 01-027R1	14	Install pipe penetrations inot Digester No. 2, modify gas piping for instruments at Digester No. 2	0	\$ 21,702.06	0.27%	M. Petterson Services (WBE)	\$1,097.01	5.1%	\$ 8,773,225.48	\$1,048,073.01	11.9%	12/16/2020	Unforeseen Conditions
01-029R1; 01-030R4; 01-038; 01-040	15	Repair of leaking digestee tank	127	\$ 89,289.90	1.12%	n/a	\$0.00	0.0%	\$ 8,862,515.38	\$1,048,073.01	11.8%	12/16/2020	Unforeseen Conditions
01-035; 01-037R2; 01-041R1	16	PCO 01-035: T&M Work for replacement of the sludge sampling lines and a sample sink for Digester #2. PCO 01-037R2: T&M Work fors the replacement of 2" pipe hangers and removal and replacement of 1-1/4" copper water line in Tunnel Nos 1 and 2. PCO 01-041R1: T&M Work for assistingCRW in setting up and disassembly of temporary screening equipment which was used for transferring sludge for the startup of Digester No. 2.	0	\$ 44,569.15	0.56%	n/a	\$0.00	0.0%	\$ 8,907,084.53	\$1,048,073.01	11.8%	10/27/2021	Unforeseen Conditions and owner requested
	17		21	\$ 49,048.87	0.61%	n/a	\$0.00	0.0%	\$ 8,956,133.40	\$1,048,073.01	11.7%	2/23/2022	Unforeseen Conditions
	18	Final compensating change order to adjust actual bid quantities used during construction.	0	\$ 224,525.05	2.81%	n/a	\$0.00	0.0%	\$ 9,180,658.45	\$1,048,073.01	11.4%		Adjustment of Final Bid Quantities

Issue:

Procurement of a replacement Grinder for the Belt Filter Press operation from JWC Environmental for the Wastewater department.

Background:

The current unit #1, a Vogelsang RotaCut, has been notorious for failure and extremely high cost of repairs. Vendors have had very long lead times for parts and availability.

Sludge conditioning to the press is critical to the operation of the Belt Filter Presses. The current Vogelsang RotaCut has consistently underperformed its service duties.

Specifications were investigated to replace the current unit with a more suitable unit known as a "twin-shaft ripper shredder" to alleviate issues with rags moving through the pumping system to the presses.

Currently, the RotaCut for Belt Filter Press #1 is out of service again with an expected cost of over \$10,000 to rebuild, as has been required several times in the past. This failure has reduced CRW's dewatering capacity by 50% and puts operations at risk of falling behind in its sludge removal requirements.

Cost was not the sole selection criteria for this procurement. The selected unit requested is slightly more expensive but is better suited for this particular application, which will lead to a longer service life and overall lower life-cycle cost.

Items for Consideration:

- This purchase was budgeted as part of the 2023 budget.
- Although Envirep submitted the low bid of \$23,830, JWC Environmental was selected based on the best suitability of this application and service in the amount of \$26,693.
- The equipment will be procured via the Pennsylvania Department of General Services COSTARS program which complies with Pennsylvania Municipal Authorities Association competitive procurement requirements (62 Pa. C.S.).

ISSUE BRIEF

Procurement of Belt Filter Press Grinder from JWC Environmental through COSTARS

Joseph Baker
April 6, 2023

Board Committee Review:

- Operations and Engineering April 12, 2023

Recommendation:

The Board authorizes the Director of Operations' procurement of a Belt Filter Press Grinder from JWC Environmental, in the amount of \$26,693 through COSTARS. Funding Source: Wastewater #80800803-80300-00369 – BFP Rehabilitation.

Attachment:

- JWC Environmental Quote, dated April 4, 2023



P.O. Box 348
Morgantown, PA 19543
PH (610) 363-6515
www.watermarkenvsys.com

Date:	April 4, 2023
To:	Joseph Baker -Capital Region Water
Project:	JWCE Muffin Monster Sewage Grinder JWC Costars Contract # 016-E23-282

We are pleased to offer the subject equipment quotation for your review and consideration:

Equipment:	One (1) Model 30004T-1208 In Line Muffin Monster rated at 800 gpm equipped with 11 tooth cam cutters, tungsten carbide seals. ASTM A536-77 ductile iron uni-body housing with 8" ANSI Class 150 flanges
Drive(s):	5 HP TEFC Baldor motor, with 29:1 reducer
Control(s):	UL rated PC2200 control panel in NEMA 4X FRP enclosure – 480V,3PH, 60Hz
Misc:	Freight and start-up services
Total Price:	\$ 26,639.00

NOTE: Quotation does **NOT** include installation, spare parts, circuit breaker, local disconnect, E-stop, anchor bolts, lifting chain, or any applicable taxes.

Warranty: 1 year workmanship
Submittals: 4 weeks after receipt of purchase order
Delivery: 8-10 weeks following receipt of approved submittals
Validity: 30 days
Terms: 30 days

**If favored with an order, please address to: JWC Environmental
2850 S. Red Hill Ave., Suite 125
Santa Ana, CA 92705**

Please contact our office with any questions at (610) 662-0964.

Regards,
Mark Wolff
email: mark@watermarkenvsys.com