

September 2022 As of October 19, 2022 Page 1 of 6

| Ensure Financial Stability | |
|---|---|
| , | Refer to attached Reconciled Bank Account Balances as of 9/30/2022. |
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| ,,, | Provided separately to Board of Directors. |
| Monthly Financial Dashboard | Provided separately to Board of Directors. |
| | Provided separately to Board of Directors. |
| Capital Improvement Projects for Drinking | Provided separately to Board of Directors. |
| Water | |
| Capital Improvement Projects for | Provided separately to Board of Directors. |
| Wastewater | |
| Grant Management | Refer to attached Grant Management Report. |

| Ensure Revenues are Consistent with Sy | rstem Usage |
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| Water Shut-offs | There were 7 water shut-offs for non-payment, 13 were turned back on after payment, and 23 service shut-off requests. |
| Repair/Replace Meters/MXUs/Batteries | Drinking Water Distribution staff replaced 24 water meters, replaced 69 batteries, and 35 MXUs. |
| Reduce Wet Weather Impacts to Infrast | ructure, Community, and Receiving Waters |
| Negotiate with PADEP/U.S. EPA/DOJ on | CRW and USDOJ/U.S. EPA/PADEP are finalizing the Draft Partial Consent Decree Modification for public comment. |
| Past and Future Practices | |
| Develop Necessary Planning for | Rebidding Phase 4 PENNVEST SW Pro-Fi - Bid Opening is 11/22/2022 with anticipated contract award at the December Board Meeting. |
| Implementation of Green Infrastructure | |
| Joint Pollutant Reduction Plan - | Closing out joint Stonebridge Project with Lower Paxton and Susquehanna Township - Amendment No. 1 is a reconciliation of project costs that exceeded the cost estimate, |
| Collaborate with Suburban Partners on | and a request for funds to monitor the project over the next three years. See Resolution No. 2022-046. |
| MS4 | |
| | |
| Obtain and Comply with Individual MS4 | U.S. EPA Region 3 Inspection of CRW's MS4 Program to be conducted on 10/19 and 10/20/2022. PADEP Inspector to be in attendance as well. |
| Permit | |

| Operate Facilities with a High Sta | indard of Care |
|------------------------------------|--|
| Permit Compliance | The Drinking Water department met all primary and secondary Safe Drinking Water Act permit parameters for the month. |
| | The AWTF met all NPDES permit parameters for the month of September. Two Dry Weather Overflows were reported. |
| Notice of Violations (NOVs) | There were no NOVs received by the Drinking Water department in September. |
| | There were no NOVs received by the Wastewater department in September. |
| 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. |
| | The Wastewater department completed all regularly scheduled preventative maintenance in the month of September. |
| CCTV | A total of 4,696.6 feet (0.89 miles) of sewer pipes were assessed by CCTV footage during the month of September. A total of 9,009 feet (1.7 miles) of pipe were flushed as |
| | well. |
| Incident Response | Wastewater responded to four backup and overflow calls from residents during the month of September. CRW was liable for none. |



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| Geographic Information System (GIS) | Thirty (30) Pennsylvania One Call tickets, all requiring maps, were completed by GIS. One (1) meeting was held between the GIS Manager and problem of the complex GIS updates. GIS Manager and Cityworks Administrator met with Drinking Water department staff for implementation of the new Service Appointment template. Operations Challenge practice continues for the GIS Manager. Bi-weekly meetings were held with KCI Technologies, Inc. Discussions included additional issues with the new water schema and version upgrades to GIS software and related servers. Met with installer of the GPS equipment used in the street sweepers. His explanation of the wiring and sensors will allow us to revise our sweeping maps to track when the sweepers are actively sweeping versus traveling through the city. Forty (40) assets were GPS'd. Updated impervious area data was completed by Harrisburg University and delivered to CRW. |
|-------------------------------------|--|
| Cityworks Asset Management | The draft Risk Policy is in process of review by senior leadership, when completed it will be presented for Board approval. The Construction Requirements working group |
| Development Review Summary | met 10/4/2022 and 10/13/2022 to develop a template format for contractors to deliver new asset information. The risk model training manual was finalized. Field work for the 2022 Water Main Condition Assessment project will begin 10/17/2022. A comprehensive assessment for compliance to U.S. EPA's lead service line inventory requirements is in development. Completed preliminary steps for the build out of American Water Works Association (AWWA's) Benchmarking Utility Survey in designated software. For details, see attached Development Stormwater Management Review Summary spreadsheet for October. |

| Undertake Capital Improvement Project | ts - Refer to attached Capital Improvement Projects Report |
|---------------------------------------|--|
| Professional & Contractor Services | Recommend Board approval of the following Task Orders, Change Orders, Agreements and Procurement: |
| | |
| | Drinking Water: |
| | Task Order 2020-20-03: Engineering Services for 2021 Water System Improvements Project |
| | Change Order No. 1 - 2022 Street Restoration Project |
| | Procurement: None. |
| | Wastewater: |
| | Recommendation of Award - 2023 Sewer System Improvements Project (Excavation) |
| | Recommendation of Award - 2023 Sewer System Improvements Project (Trenchless) |
| | Procurement: None. |
| | Stormwater: |
| | Resolution No. 2022-046 - Joint Pollutant Reduction Plan - Intergovernmental Cooperation Agrmt - Task Order 2021-01 Amendment No. 1. |
| | Change Order No. 1 - Bellevue Park Ponds SW Retrofit GSI Project with Shiloh Paving & Excavating, Inc. |
| | Change Order No. 1 - Camp Curtin YMCA GSI Project |
| Stormwater O&M Agreements | Recommend Board approval of the following: None. |
| AWTF Primary Digesters Rehabilitation | The general contractor requested substantial completion the week of 9/19/2022; punchlist work items remain. |
| AWTF Energy Recovery Improvements | No update. Permit applications are being reviewed by Swatara Township and PADEP. |
| Front Street Pumping Station | The contractors are addressing punch list items and site cleanup. |
| Improvements | |
| WSC Flocculator Equipment Replacement | Delivery of flocculator equipment is expected in November 2022. |



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| Undertake Renewal and Replacement P | rojects |
|--|--|
| 2021 Water System Improvements | A substantial completion inspection was held on 10/12/2022. Final paving and punch list work remain. |
| 2022 Water System Improvements | The contractor is awaiting the delivering of ductile iron pipe which is delayed due to supply chain issues. |
| Cameron Street Water Main - Phase 3 | The project is closed out and will be removed from future reports. |
| Cameron Street Water Main - Phase 4 | The project is in the preliminary (30% level) design phase. |
| 2023 Sewer System Improvements | Refer to the agenda for recommendation of award to an excavation contractor. |
| (Excavation) | |
| 2023 Sewer System Improvements | Refer to the agenda for recommendation of award to a trenchless contractor. |
| (Trenchless) | |
| Arsenal Boulevard Sewer Improvements | No update. Temporary and construction easements must be acquired before advertising the project. |
| Front Street Interceptor Rehabilitation - | The contractor will begin the pre-construction activity of televisual pipe inspection and cleaning at the end of October through November. |
| Phase 2 | |
| Water Facility Maintenance | Drinking Water Maintenance staff performed repairs to various process units as described in the Drinking Water Department Monthly Report. |
| 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 September. A narrative is provided in the Wastewater Department Monthly Report. |
| Sinkhole Program | Eight sinkholes were investigated by CRW in the month of September. Wastewater was liable for two and Water was liable for one. |
| Inlet Cleaning | A total of 165 stormwater inlets were cleaned during the month of September, and 163 stormwater inlet inspections were performed. |

| Operate as an Efficient, Sustainable and | d Resilient Water Utility |
|--|---|
| DeHart Property Stewardship | Timber harvest to improve regeneration is complete in Management Unit (MU) 22/31 with final site restoration/seeding. 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. A third-party Forest Stewardship Council (FSC) desk audit was completed on 8/31/2022 to ensure compliance with FSC standards. The field audit was conducted on 9/29/2022. |
| Sustainability | Staff is reviewing solar project potential at the Water Service Center. |
| Internal Communications | The Intranet site and calendar continue to be utilized. |



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| Inform and Listen to Customers and End | courage Stewardship of our Systems | | | | | | |
|--|--|--|--|--|--|--|--|
| Media Relations - Press and Social Media | | | | | | | |
| | SOCIAL MEDIA TOPICS: | | | | | | |
| | | | | | | | |
| | Facebook: 0 New Organic Followers (1,589 Total). 5 Posts; Highest Engaged Post: (9/30/2022) "Employee of the Month: Cody Howe." (1,095 Reachs, 143 Reactions, 37 Comments, 4 Share); Other topics: DeHart Day Posts (and cancellation), Board of Directors Meeting and Drone Photography Alert in Riverfront Park. | | | | | | |
| | Twitter: 2 Tweets; Highest Engaged Tweet: "Aerial Drone Photography to begin" Month Overview: 745 Profile Visits; -1 Followers; 1 Mention. "PA Parks & Forests: DeHart video". | | | | | | |
| | Instagram: 3 New followers (666 Total), 5 Posts; Highest Engaged Post: (9/30/2022) "Employee of the Month: Cody Howe," 69 Organic Reachs, 5 likes, 0 comments. | | | | | | |
| | 2022 Demographics: Most Active Age-range: 25-54; Gender Division: 62% Women / 37% Men; Locations: Harrisburg, Penbrook, Mechanicsburg, Steelton, Linglestown, Camp Hill and Lancaster. | | | | | | |
| Community Relations | Community Ambassador Meeting held 9/21/2022: Presenter: Jeff Bowra regarding Front Street Interceptor project. Updates: Biobot, Community Events and CSO Signage. Ambassador updates and Introduction of Sean Sauro (Community Outreach Specialist). | | | | | | |
| | Community Outreach: | | | | | | |
| | Delivered thirty three (33) door-to-door notifications regarding water service interruptions. | | | | | | |
| | Daily combined sewer overflow (CSO) inspections and Everbridge customer updates. | | | | | | |
| | One (1) community event which was a litter clean up on the Maclay Street Bridge. | | | | | | |
| | One (1) public meeting/presentation (Midtown Action Council). | | | | | | |
| | • Everbridge outreach. | | | | | | |
| | • Three (3) in-person customer complaint follow-ups. | | | | | | |
| Public Communications | WHAT'S ON TAP COMMUNICATION: The September monthly bill stuffer was distributed as a bill insert. Topics included: Modification to the Partial Consent Decree, | | | | | | |
| | Progress Made To Date, and a "Thank You" to our feedback session participants. | | | | | | |
| Diversity | Capital Improvement Project event held on 10/5/2022 with City Beautiful H2O Manager and the Lead Engineer for the purpose of expanding prime and M/W/DBE | | | | | | |
| | WHAT'S ON TAP COMMUNICATION: The September monthly bill stuffer was distributed as a bill insert. Topics included: Modification to the Partial Consent Decree Progress Made To Date, and a "Thank You" to our feedback session participants. | | | | | | |

| Administrative | |
|-----------------|---|
| Risk Management | Insurance Claims: |
| | General Liability - one claim submitted but it was closed with no liability. |
| | Auto - one (1) claim submitted for the third quarter. |
| | • Injuries - three (3) claims open in the third quarter. One (1) was a significant injury. |
| | A second quarter claim should be closed this month just waiting on final documents. |
| | Training: |
| | A draft course has been created to present information on dealing with difficult/aggressive people and incidents of threatened violence. |
| | Two courses were developed to help with internal safety training which cover Safe Lifting and Avoiding Back Injuries and the other covers working with ladders. |
| Human Resources | For details, see attached Recruiting Status Report. |
| Procurement | No update. |



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| Information Technologies (IT) | |
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| Office Management and Admin Professional Services and | Incoming Correspondence Report: Refer to attached Incoming Correspondence Report for September 2022. |
| Construction | Street/Sidewalk-Cut Permits: One (1) Drinking Water and one (1) Sewer permit were issued. Two (2) Drinking Water and one (1) Sewer permit were successfully completed, inspected, and closed by the City of Harrisburg's Engineer. |
| | Fleet Management (Acquisitions): • Purchase of (G-84) 2022 JCB Model 427ZX Wheel Loader through COSTARS for Wastewater Department. |
| | Fleet Management (Dispositions): None. |
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Right-to-Know Requests

CRW has received and responded to four Right-to-Know requests during the period 9/22/2022 through 10/19/2022. Other informational requests were identified as not being formal RTK requests throughout the month and/or were transferred to the Customer Service Center for appropriate response.

OOR Training: No update.

2022-013 - Tom Pelton (Environmental Integrity Project) Any and all engineering reports, and other documents that Capital Region Water used as the basis for determining the cost and effectiveness of different CSO system infrastructure improvement alternatives that it considered while formulating its "City Beautiful H2O Plan," submitted to EPA on 3/29/2018. More specifically, in correspondence with EPA about that plan, on 11/9/2018, CRW wrote a letter to EPA and DEP (see attached letter, on page 2) that gave cost estimates for achieving 80%, 85%, 90% and 95% CSO capture rates in Harrisburg using different approaches, including "Decentralized," "Satellite Facilities," and "Expanded Capacity." Also requesting copies of any engineering reports or other documents that explained and examined those different CSO infrastructure alternatives, and were used as the basis for the cost and effectiveness estimates provided to EPA in that 11/9/2018 letter and the related 3/29/2017 "City Beautiful H2O Plan." Response due: 8/29/2022. Response provided: 8/29/2022 for 30-day extension until 9/28/2022. Final Response provided 9/26/2022.

2022-014 - Carolina Barrios (SmartProcure) Request for any and all purchasing records from 6/6/2022 to current. Specific information requested from the record-keeping system: (1) Purchase Order Number. If purchase orders are not used a comparable substitute is acceptable, i.e. invoice, encumbrance, or check number. (2) Purchase date. (3) Line item details (Detailed description of the purchase). (4) Line item quantity. (5) Line item price. (6) Vendor ID number, name, address, contact person and their email address. The request is limited to readily available records without physically copying, scanning or printing paper documents. Any editable electronic document is acceptable. Response due: 9/26/2022. Response provided: 9/26/2022.

2022-015 - Ted Evgeniadis (Lower Susquehanna Riverkeeper Association) & Natalia M. Cabrera, Esq. (Environmental Integrity Project) GIS data for the Capital Region Water combined sewer system and separate sanitary sewer system, specifically the data reflected in the public viewer at https://crw-crew.hub.arcgis.com/, including GPS coordinates for the locations of each outfall. Response due: 9/29/2022. Response provided: 9/27/2022 for 30-day extension until 10/31/2022. Final Response provided

2022-016 - Doand G. Forney and Jeff Novak, Esq. (Wecando Enterprise) Requesting water bills for property located at 2327 North 7th Street, Harrisburg, PA for the period 1/1/2016 to 9/30/2022 and any bills showing usage (past and present) generated on this property due to a sprinkler system that was not functional at the time of a fire, as well as any invoices for disconnection of service for said location. Response due: 10/4/2022. Response inquiry made for clarification of request on 9/27/2022. Response provided on 10/3/2022.



Reconciled Bank Account Balances



| Business Checking-6908 | Inrestricted Cash Accounts | | Balance | APY | Bank | |
|--|--------------------------------------|-----|-------------------|----------|---------------------|--|
| Money Market-Admin-0621 | DMIN | | | | | |
| FIRST National Bank General Account-7892 \$ 570,029.39 0.00% First National Bank General Account-7892 \$ 570,029.39 0.00% First National Bank First National Bank First National Bank MATER | usiness Checking-6908 | \$ | 313,074.88 | 0.65% | First National Bank | |
| Seminar Account-7892 \$ 570,029.39 0.00% First National Bank Froject Fund-6990 \$ 432,877.60 2.27% First National Bank First National Ba | Ioney Market-Admin-0621 | \$ | 89,744.06 | 2.27% | First National Bank | |
| Semeral Account-7892 | NB Lockbox-6393 | \$ | 141.049.91 | 0.0000% | First National Bank | |
| Project Fund-6990 | ieneral Account-7892 | | | | | |
| WATER Water Revenue Fund-6833 \$ 1,168,812.04 0.00% First National Bank Earnings Generated offset fees for Services Money Market-Water-0639 \$ 7,338,339.84 2.27% First National Bank Earnings Generated offset fees for Services SEWER Sewer Revenue Account-5819 \$ 1,094,736.38 0.00% First National Bank Earnings Generated offset fees for Services Sewer 2012 Pennyest-5846 \$ 6,230.01 0.00% First National Bank Earnings Generated offset fees for Services Sewer 2012 Pennyest-5846 \$ 6,230.01 0.00% First National Bank Earnings Generated offset fees for Services Sewer Poll Pennyest-5846 \$ 6,230.01 0.00% First National Bank Earnings Generated offset fees for Services StormWater Pennyest-0420 \$ - 0.00% First National Bank Earnings Generated offset fees for Services Stormwater Revenue Account-8814 \$ 3,556,838.99 0.00% First National Bank Earnings Generated offset fees for Services Restricted Cash Accounts Balance APY Bank Earnings Generated offset fees for Services Water Ontingency Account-6861 \$ 1,710,234.10 2.27% First National Bank Earnings Generated offset fees for Services | | | | | | |
| Mater Revenue Fund-6833 \$ 1,168,812.04 0.00% First National Bank Money Market-Water-0639 \$ 7,338,339.84 2.27% First National Bank SEWER | · • | * | 432,877.00 | 2,2770 | FILSE NACIONAL DANK | |
| Money Market-Water-0639 | | | 4 4 5 0 0 4 2 0 4 | 0.000/ | F: (N // 15 1 | 5 : 6 : 1 (6 : 6 : 6 : |
| SEWER Sewer Revenue Account-5819 \$ 1,094,736.38 0.00% First National Bank Earnings Generated offset fees for Services Money Market-Sewer-0589 \$ 3,303,685.32 2.27% First National Bank Sewer 2021 Pennvest-5846 \$ 6,230.01 0.00% First National Bank Sewer 2022 Pennvest-6430 \$ 90,538.74 0.00% First National Bank Stormwater Revenue Account-8814 \$ 3,556,838.99 0.00% First National Bank Stormwater Pennvest-0241 \$ 16,996.66 0.00% First National Bank Stormwater Pennvest-0241 \$ 16,996.66 0.00% First National Bank Restricted Cash Accounts Balance APY Bank Water Operation Reserve Account-6841 \$ 1,710,234.10 2.27% First National Bank Water Contingency Account-6866 \$ 1,438,825.93 2.27% First National Bank Water 2016A Debt Service Reserve \$ 1,870,887.93 2.27% First National Bank Water 2016A Debt Service Fund \$ 1,317,116.44 2.8200% Bank of New York Water 2018 Debt Service Fund \$ 495,769.65 | | | | | | Earnings Generated offset fees for Services |
| Sewer Revenue Account-5819 | | \$ | 7,338,339.84 | 2.27% | First National Bank | |
| Money Market-Sewer-0589 | | | | | | |
| Sewer 2021 Pennvest-5846 \$ 6,230.01 0.00% First National Bank | ewer Revenue Account-5819 | \$ | 1,094,736.38 | 0.00% | First National Bank | Earnings Generated offset fees for Services |
| Sewer Pennvest-3642 \$ 90,538.74 0.00% First National Bank | loney Market-Sewer-0589 | \$ | 3,303,685.32 | 2.27% | First National Bank | |
| Sewer 2022 Pennvest-6430 | ewer 2021 Pennvest-5846 | \$ | 6,230.01 | 0.00% | First National Bank | |
| Sewer 2022 Pennvest-6430 | ewer Pennvest-3642 | \$ | 90,538.74 | 0.00% | First National Bank | |
| STORMWATER Stormwater Revenue Account-8814 \$ 3,556,838.99 0.00% First National Bank Earnings Generated offset fees for Services | ewer 2022 Pennvest-6430 | \$ | - | 0.00% | First National Bank | |
| Stormwater Revenue Account-8814 \$ 3,556,838.99 0.00% First National Bank First | | | | | | |
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| Water 2018 Bond-Construction \$ 4,93 2.8400% Bank of New York SEWER Wastewater 2017 Debt Service Reserve \$ 2,930,699.23 2.82% Bank of New York Wastewater 2017 Debt Service Fund \$ 481,168.68 2.82% Bank of New York Investment Accounts Ball APY Bank ADMIN Certificate of Deposit – Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | Vater 2018 Debt Service Reserve | \$ | 4,266,795.63 | 2.8200% | Bank of New York | |
| SEWER Wastewater 2017 Debt Service Reserve \$ 2,930,699.23 2.82% Bank of New York Wastewater 2017 Debt Service Fund \$ 481,168.68 2.82% Bank of New York Investment Accounts Balance APY Bank ADMIN Certificate of Deposit - Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | Vater 2018 Debt Service Fund | \$ | 495,769.65 | 2.8200% | Bank of New York | |
| Wastewater 2017 Debt Service Reserve \$ 2,930,699.23 2.82% Bank of New York Wastewater 2017 Debt Service Fund \$ 481,168.68 2.82% Bank of New York Investment Accounts Balance APY Bank ADMIN Certificate of Deposit - Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | Vater 2018 Bond-Construction | \$ | 4.93 | 2.8400% | Bank of New York | |
| Wastewater 2017 Debt Service Fund \$ 481,168.68 2.82% Bank of New York Investment Accounts Balance APY Bank ADMIN Certificate of Deposit - Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | EWER | | | | | |
| Wastewater 2017 Debt Service Fund \$ 481,168.68 2.82% Bank of New York Investment Accounts Balance APY Bank ADMIN Certificate of Deposit - Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | Vastewater 2017 Debt Service Reserve | \$ | 2.930.699.23 | 2.82% | 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 | | | | | | |
| ADMIN Certificate of Deposit – Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | | | | | | |
| Certificate of Deposit – Nat'l Civil War Museum \$ 250,000.00 0.1499% First National Bank Restricted \$250,000 min/\$500,000 max | | Dui | arrec | AL I | Dunk | |
| | | | 350,000,00 | 0.140006 | First National Bank | Postricted #350,000 min/#500,000 may |
| | | • | 230,000.00 | 0.1499% | FIISL NALIONAL DANK | Restricted \$250,000 Hilli/\$500,000 Hiax |
| PLGIT Term Investment \$ 3,500,000.00 Variable PLGIT \$500,000 increment | | \$ | 3 500 000 00 | Variable | PI GIT | \$500,000 increment |
| Water CD Apr 2023-2600 \$ 1,000,000.00 3.4355% First National Bank | | | | | | 4300,000 merement |
| Water CD Dec 2022-2588 \$ 1,000,000.00 2.9473% First National Bank | Vater CD Dec 2022-2588 | \$ | | | First National Bank | |
| Water CD Feb 2023-2594 \$ 1.000.000.00 3.2892% First National Bank | | | | | | |
| Water CD Jan 2023-2591 \$ 1,000,000.00 3.0451% First National Bank | | | | | | |
| Water CD Mar 2023-2597 \$ 1,000,000.00 3.338% First National Bank | | | | | | |
| Water CD Nov 2023-2585 \$ 1,000,000.00 2.7319% First National Bank | | \$ | 1,000,000.00 | 2.7319% | First National Bank | |
| SEWER | | | | | | |
| Sewer CD Dec 2022-9714 \$ 500,000.00 1.96063% First National Bank | ewer CD Dec 2022-9714 | \$ | 500,000.00 | 1.96063% | First National Bank | |
| Sewer CD Feb 2023-9720 \$ 500,000.00 2.0935% First National Bank | ewer CD Feb 2023-9720 | \$ | 500,000.00 | 2.0935% | First National Bank | |
| | | \$ | 500,000.00 | 2.0147% | First National Bank | |
| Sewer CD Jan 2023-9717 \$ 500,000.00 2.0147% First National Bank | ewer CD Jan 2023-9/17 | | | | | |
| Sewer CD Jan 2023-9717 \$ 500,000.00 2.0147% First National Bank Sewer CD Nov 2022-9711 \$ 500,000.00 1.709% First National Bank | • | \$ | 500,000.00 | 1.709% | 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 | | Riverfront Park Green Infrastrusture Project | 25-Apr-22 | TBD | TBD | \$2,000,000 | Cash | \$600,000 | TBD | \$0 | |
| | | | SUB TOTALS | | | \$2,000,000 | | \$600,000 | | \$0 | |
| Capital Region Water's Awarded Grant, Loan and Bond Proceeds | | | | | | | | | | | |
| PENNVEST | Infrastructure (Projects) | ProFi Wastewater Infrastructure Loan | COMPLETED | 21-Oct-20 | 21-Oct-20 | \$65,000,000 | Loan | \$1,000,000 | \$65,000,000 | \$0 | Phase 1 settlement occurred on July 7, 2022 |
| PENNVEST | Infrastructure (Projects) | ProFi Wastewater Collection System Rehab Loan | COMPLETED | 2-Sep-21 | 2-Sep-21 | \$21,000,000 | Loan | \$500,000 | \$21,000,000 | \$3,292,257 | Final submission for R-II contract submitted on 9/28 and disbursed on 10/17 |
| PENNVEST | Infrastructure (Projects) | ProFi Green Infrastructure PENNVEST Loan | COMPLETED | 16-Oct-19 | 16-Oct-19 | \$13,000,000 | Loan | \$0 | \$13,000,000 | \$1,535,825 | Phase 3 closed February 2, 2022 \$68,695.21 submitted |
| PENNVEST | Infrastructure (Projects) | Front Street Pump Station Upgrade | COMPLETED | 18-Jul-18 | 18-Jul-18 | \$11,136,900 | Loan | \$0 | \$11,136,900 | \$10,580,055 | for on 9/28/22 \$526,727.45 is PENNVEST holdback amount for project |
| Impact Harrisburg (IH) | Local Stormwater | Project with City of Harrisburg Parks & Rec. | COMPLETED | 16-Nov-17 | 16-Nov-17 | \$250,000 | Cash | \$200,000 | \$250,000 | \$177,030 | Project complete and al funding as it relates to the IH, COH, and CRW Parks Project received |
| PENNVEST | Infrastructure (Projects) | ProFi Drinking Water System Improvements | COMPLETED | 20-Apr-22 | 20-Apr-22 | \$41,622,000 | Loan | \$0 | \$41,622,000 | \$0 | Phase 1 settlement occurred on July 7, 2022 \$102,178.92 of engineering expense submitted on 9/28/22 |
| FEMA | Coronavirus (COVID-19) Pandemic: Safe Opening and Operation Work Eligible for Public Assistance | FEMA COVID Relief | COMPLETED | 13-Jul-21 | 13-Jul-21 | \$103,258 | Cash | \$0 | \$103,258 | \$92,933 | Awarded on February 7, 2022 |
| | 1 | | SUB TOTALS | | | \$152,112,158 | | \$1,700,000 | \$110,386,900 | \$15,678,100 | |
| | | | | Capital Region | n Water's Not Aw | arded Grants & Loans | | | | | |
| Susquehanna River Basin Commission (SRBC) | Comsuptive Use Mitigation Grant Program | Paxton Creek Restoration Planning Project | 28-Jan-22 | 31-Mar-22 | 31-Mar-22 | \$1,536,429 | Cash | \$255,000 | \$0 | \$0 | Notified on March 31st, 2022 that CRW was not selected for grant funding |
| | | | | | | | | | | | |
| | | | SUB TOTALS | | | \$1,536,429 | | \$255,000 | \$0 | \$0 | |



Capital Improvement Projects Report



Drinking Water Capital Improvement Projects Report



| | | | | | | | | ACTU | AL EXPENDIT | JRE (from Finar | nce) | | | | | Actual Expenditure YTD | % Budget Expended | 2022 Budget |
|----------------------|-------------------------------------|-------------------------|----------|--------|------------|--------------|-----------|--------------|--------------|-----------------|-----------|----------|------|------|------|---|-------------------|-------------|
| MUNIS Project Code | Description | Status | Jan | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | | | |
| 60800801-80100-00006 | Mountain Line Repairs | STUDY | \$ | - \$ | - \$ | - \$ | 1,803 | \$ - | \$ - | \$ - 9 | 311 | | | | | \$ 2,114 | 1% | 165,000 |
| 60800801-80100-00015 | Water Main Replacement | CONSTRUCTION | \$ 37 | 834 \$ | 156,621 \$ | 655,552 \$ | 55,274 | \$ 422,516 | \$ 131,702 | \$ 97,684 \$ | 26,619 | | | | | \$ 1,655,538 | 60% | 2,750,000 |
| 60800801-80100-00226 | 2022 Water System Improvement (PV) | CONSTRUCTION | \$ | - \$ | - \$ | - \$ | - | \$ - | \$ - | \$ 67,441 \$ | 4,295 | | | | | \$ 1,055,556 | 00% | 2,730,000 |
| 60800801-80100-00016 | Water Main Condition Assessment | CONSTRUCTION | \$ | - \$ | 9,285 \$ | - \$ | - | \$ - | \$ - | \$ - \$ | - | | | | | \$ 9,285 | 9% | 100,000 |
| 60800801-80100-00050 | DeHart Spillway Improvements | DESIGN | \$ | - \$ | 42,934 \$ | 37,445 \$ | 60 | \$ 26,602 | \$ - | \$ - \$ | - | | | | | \$ 107,041 | 17% | 626,000 |
| 60800801-80100-00081 | Cameron Street Water Main | CONSTRUCTION | \$ 29 | 706 \$ | 404,529 \$ | 81,189 \$ | 23,405 | \$ 1,733,703 | \$ 48,775 | \$ - 9 | 676,455 | | | | | 2 | 4670/ | 1 024 000 |
| 60800801-80100-00228 | Cameron St. Water Main Improve (PV) | DESIGN | \$ | - \$ | - \$ | - \$ | - | \$ - | \$ - | \$ 51,918 \$ | - | | | | | \$ 3,049,680 | 167% | 1,824,000 |
| 60800801-80100-00105 | Automatic Meter Reading Tower | STUDY | \$ 2 | 451 \$ | - \$ | - \$ | - | \$ - | - | \$ - 9 | - | | | | | \$ 2,451 | 5% | 50,000 |
| 60800801-80100-00118 | Wtr PennDOT I-83 Expansion | DESIGN | \$ | - \$ | - 9 | - \$ | - | \$ - | - | \$ - 9 | - | | | | | \$ - | 0% | 119,000 |
| 60800801-80100-00122 | Wtr Soda Ash Conversion | CONSTRUCTION | \$ | - \$ | - \$ | - \$ | - | \$ - | - | \$ - 9 | 71,392 | | | | | \$ 71,392 | 714% | 10,000 |
| | | | <u> </u> | | | | I | | | | <u> </u> | <u>I</u> | | | l. | | | , |
| | Act | ual Monthly Expenditure | \$ 69 | 991 \$ | 613,369 \$ | 774,187 \$ | 80,541 | \$ 2,182,822 | \$ 180,477 | \$ 217,043 | 779,072 | \$ - | \$ - | \$ - | \$ - | \$ 4,897,502 | 86.8% | 5,644,000 |
| | Actual C | UMULATIVE Expenditure | \$ 69 | 991 \$ | 683,360 \$ | 1,457,547 \$ | 1,538,088 | \$ 3,720,910 | \$ 3,901,387 | \$ 4,118,430 | 4,897,502 | | | | | | | |



Wastewater Capital Improvement Projects Report



MUNIS Project Code 80800801-80100-00020 80800801-80100-00023 80800801-80100-00025 80800801-80100-00025 80800801-80100-00026 80800801-80100-00026 80800801-80100-00028 80800801-80100-00061 80800801-80100-00065 80800801-80100-00083 80800801-80100-00115 80800801-80100-00126 Description
Primary Digester Rehabiliation
AWTF Energy Recovery Improv
Primary Clarifier Improvement
Front St Pump Station Des/Cons
Collection System Rehab
Sewer Rehab PV Project
Paxton Creek Interceptor Repair
Arsenal Boulevard Sewer Improv
Other Multi-Modal CCTV Investi
Front St Interceptor Rehab P2
PennDOT I-83 Expansion
3rd & Wiconisco Separation

Status
CONSTRUCTION
DESIGN
DESIGN
CONSTRUCTION
CONSTRUCTION
CONSTRUCTION
STUDY
DESIGN
STUDY
BID/AWARD
DESIGN

DESIGN

| | 17,515 - 919 | \$ \$ \$ | 383,912 - 16,270 3,888 227 14,397 - | \$ \$ \$ | 610,982 600 6,899 - 2,220 11,237 1,506 | \$ \$ | 4,610 8,728 | \$ \$ \$ \$ \$ | 24,044 - 5,351 - 28,663 2,779 4,061 | \$ \$ \$ \$ | 916 57,220 16,491 3,542 3,426 | \$ \$ \$ \$ | - 137,985 6,036 4,995 869 | \$ \$ \$ \$ | - 126,684 31,148 6,116 | | | | | | |
|-----|--------------------------|----------|---|----------------|--|----------------|------------------------------|----------------|---|----------------|---|----------------------|---------------------------------------|----------------------|---------------------------------|-----|-----|-----|---|----|----|
| | 96 17,515 - 919 | \$ \$ | 16,270 3,888 227 | \$ \$ \$ | 600 6,899 - 2,220 | \$ \$ \$ | 4,610 8,728 - 2,524 | \$ \$ | 5,351 - 28,663 | \$ \$ \$ | 916 57,220 16,491 | \$ \$ \$ | - 137,985 6,036 | \$ \$ \$ | - 126,684 31,148 | | | | | | |
| | 96 17,515 - | \$ | 16,270 3,888 | \$ \$ \$ | 600 6,899 - | \$ | 4,610 8,728 - | \$ \$ \$ | 5,351 - | \$ \$ | 916 57,220 | \$ | 137,985 | \$ \$ \$ | - 126,684 | | | | | | |
| | 96 17,515 | \$ | 16,270 | \$ | 600 6,899 | \$ | 4,610 8,728 | \$ | - 5,351 | \$ | 916 | \$ | - | \$ | - | | | | | | |
| | 96 | \$ | | \$ | 600 | \$ | 4,610 | \$ | - | \$ | | \$ | - | \$ | - | | | | | | |
| 19 | | | | \$ | | _ | | \$ | | \$ | | \$ | | \$ | | | | | | | |
| 19 | 96,190 | \$ | 383,912 | \$ | 610,982 | ቅ | 303,214 | φ | 24,044 | ÷ | 0,201 | Ф | 1,220,414 | Ψ | 40,037 | | | | | 1 | |
| | | | | - | 040.000 | + | 383,214 | 9 | 24,644 | θ | 8,281 | \$ | 1,220,414 | A | 48,857 | | | | | | |
| - 8 | 86,251 | \$ | 301,457 | \$ | 315,544 | \$ | 39,014 | \$ | 130,813 | \$ | 531,799 | \$ | 133,797 | \$ | 685,793 | | | | | | |
| | - | \$ | 18,563 | \$ | 5,504 | \$ | 125,511 | \$ | 12,347 | | 67,748 | \$ | - | \$ | - | | | | | | |
| | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | | | | | | |
| | 200 | \$ | - | \$ | - | \$ | 160,283 | \$ | - | \$ | - | \$ | - | \$ | - | | | | | | |
| 8 | 82,670 | \$ | 139,992 | \$ | 153,033 | \$ | 71,984 | \$ | 70,072 | \$ | 68,737 | \$ | - | \$ | - | | | | | | |
| Jan | n | | Feb | | Mar | | Apr | | May | | Jun | | Jul | | Aug | Sep | Oct | Nov | • | De | ec |

586,488 427,838 160,483 7% 2,400,000 0% 168,000 229,674 63% 366,875 5,100,962 9,725,260 350,000 5,306 55,679 6% 991.000 325,777 65% 500.000 88,228 1% 15,409,000 49,206 48,000 16,140 4% 435,000 6,601,800 21.7% 30,385,973

YTD

2022 Budget

Actual CUMULATIVE Expenditure \$ 384,481 \$ 1,263,187 \$ 2,370,712 \$ 3,178,358 \$ 3,457,088 \$ 4,215,248 \$ 5,719,344 \$ 6,617,940



Stormwater Capital Improvement Projects Report

127,902

245,000

237,104

185,593

1,115,002 14.7%

319,403

17%

9%

2,197,000

1,396,000

3,464,510

300,000

7,564,130

206,620



MUNIS Project Code 90800801-80100-00087 90800801-80100-00091 90800801-80100-00108 90800801-80100-00124

90800801-80100-00125

Description
Camp Curtin Big Green Blok GSI
Paxton Crk TMDL Joint PRP MS4
SW Pond Retrofit - Bellevue Pa
Sw PENNVEST Pro-Fi Phase 4
Sw PENNVEST Pro-Fi Phase 5

Status
CONSTRUCTION
CONSTRUCTION
CONSTRUCTION
BID/AWARD
DESIGN

Actual Monthly Expenditure \$
Actual CUMULATIVE Expenditure \$

516 \$ 5,000 240,000 \$ 151,774 \$ 1,344 \$ 33,758 \$ 16,324 \$ 32,086 \$ 23,157 \$ 3,132 \$ 31,817 12,679 24,221 \$ 131,972 \$ 77,118 2,531 15,908 \$ 11,237 \$ 64,345 \$ 80,964 \$

110,397 \$ 26,148 \$ 159,747 \$ 72,611 \$ 115,876 \$ 178,064 \$ 99,820 \$ 352,338 \$ - \$ 185,895 \$ 258,507 \$ 374,383 \$ 552,447 \$ 652,266 \$ 1,004,605 \$ 1,115,002



Development Stormwater Management Review Summary



Development Stormwater Management Review Summary

October 19, 2022 Status Report

| Development | Status | Latest Submittal | Latest Comments | Act 167 Watershed | ВМР | 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 | Х | | | 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 | Х | O&M received |
| 15th and Walnut Street | Preliminary/Final Development | 12/17/2019 | 1/2/2020 | Paxton Creek | Rain Garden/Porous Pavement | 3.23 | Х | Х | Х | Sent comment letter on 1/2/2020 |
| Bethesda Mission | Preliminary/Final Development | 2/10/2020 | 2/20/2020 | Paxton Creek | Rain Garden | 0.4 | Х | Х | Х | 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 | Х | Х | | 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 | Х | Х | Х | 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 | Х | | Х | 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 | Х | Х | | Sent comment letter on 3/2/2021 |
| 430 Reily Street | Preliminary/Final Development | 2/23/2021 | 3/24/2021 | Paxton Creek | Basin | 1.69 | Х | Х | | 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 | Х | Х | | 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

October 19, 2022 Status Report

| Development | Status | Latest Submittal | Latest Comments | Act 167 Watershed | ВМР | 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 Facilty | 0.49 | × | × | х | Approval letter 9/20/2021 |
| 2101 North 6th Street | Preliminary/Final Development | 8/17/2021 | 8/31/2021 | Paxton Creek | SW Conveyance | 0.71 | × | | | Approval letter 1/18/2022 |
| 1719 Market Street | Preliminary/Final Development | 8/24/2021 | 9/20/2021 | Paxton Creek | Underground Infiltration Facility | 0.5 | × | × | х | 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 10/04/2021 |
| 2426 North 2nd Street | Preliminary/Final Development | 12/17/2021 | 1/5/2022 | Paxton Creek | Underground Infiltration Facility / Pervious Pavement | 0.17 | × | × | × | Sent comment letter on 1/5/2022 |
| 2463 Jefferson Street | Preliminary/Final Development | 1/24/2022 | 1/31/2022 | Paxton Creek | Basin | 0.54 | × | × | х | Sent comment letter on 2/9/2022 |
| 100 North 13 Street | Preliminary/Final Development | 2/11/2022 | 3/1/2022 | Paxton Creek | Pervious Pavement | 0.13 | × | × | | Sent comment letter on 3/1/2022 |
| 1400 Sycamore Street | Preliminary/Final Development | 4/15/2022 | 5/11/2022 | Paxton Creek | Pervious Pavement | 0.38 | х | × | х | Sent comment letter on 5/11/2022 |
| Catherine Hershey School (6th-7th Street & Muench) | Preliminary/Final Development | 6/21/2022 | 6/22/2022 | Paxton Creek | Underground Storage | 5 | Х | Х | х | Sent comment letter on 6/22/2022 via email |



Recruiting Status



RECRUITING STATUS Gina Bond, HR Generalist

October 14, 2022

New Hires

| Position | Employee | Effective Date | Service Area |
|-------------------------|------------------------|-----------------------|--------------|
| Operator - Wastewater | Kenneth Miller | 10/17/2022 | No |
| Senior Staff Accountant | Salvatore Montalto, IV | 10/24/2022 | No |
| Electrician | Rashon Smallwood, Sr. | 10/31/2022 | Yes |

Open Positions

| Position | Status | Service Area |
|-------------------------------------|----------------------------|--------------|
| Operator – Wastewater | Interview Process Underway | N/A |
| Project Manager/ Design Engineer | Interview Process Underway | N/A |
| Operator – Drinking Water | Internal Posting | N/A |



Incoming Correspondence Report

Incoming Correspondence Report

September 2022

| Date Received | Date of Correspondence | Company/Agency and Name of Sender | Reference | CRW Addressee/ Received by/ Provided to |
|------------------|---------------------------|---|------------------------------------|--|
| 9/13/2022 | 9/6/2022 | PA Department of Environmental Protection | Cyanotoxin Results | Addressed to: Daniel Galbraith Received by: Janice Miller-Zerbe Provided to: Daniel Galbraith |
| 9/20/2022 | 9/16/2022 | US Bankruptcy Court for the Middle District of PA | Debtor: | Addressed to: AR Manager Received by: Janice Miller-Zerbe Provided to: Wendy Shollenberger |
| 9/20/2022 | 9/15/2022 | US Bankruptcy Court for the Middle District of PA | Debtor: | Addressed to: AR Manager Received by: Janice Miller-Zerbe Provided to: Wendy Shollenberger |
| 9/22/2022 | 9/16/2022 | US Bankruptcy Court for the Middle District of PA | Debtor: | Addressed to: AR Manager Received by: Janice Miller-Zerbe Provided to: Wendy Shollenberger |
| 9/26/2022 | 9/15/2022 | PA Department of Environmental Protection | Drought Watch | Addressed to: Public Water Supplier Received by: Janice Miller-Zerbe Provided to: Charlotte Katzenmoyer & Daniel Galbraith |
| 9/28/2022 | 9/23/2022 | Dauphin County Office of Tax Claim Bureau | Notice of Repository Property Sold | Addressed to: Wendy Shollenberger Received by: Janice Miller-Zerbe Provided to: Wendy Shollenberger |



Drinking Water



DRINKING WATER DEPARTMENT MONTHLY REPORT



New Soda Ash Feeders

September 2022

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



Drinking Water Department Monthly Report

September 2022

Plant Operations

The Capital Region Water (CRW) Drinking Water department met all Federal Safe Drinking Water Act water quality standards for the month of September. Specific water quality results are summarized in Exhibit A. A total of 219.84 MG, averaging 7.58 MGD was withdrawn from the water supply source for treatment. As shown in Exhibit B, a total of 216.31 MG, averaging 7.45 MGD, of finished drinking water was pumped to the distribution system.

The DeHart water source was in service 30 days. The Susquehanna River water source was not in service. The DeHart Watershed had below average rainfall in September (Exhibit C) and the DeHart reservoir water level decreased (Exhibit D). An estimated 269.25 MG of water was released from DeHart reservoir to Clark Creek, averaging 8.97 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).

Soda Ash feeder 805 was installed and will be put into operation on October 24th. With this feeder being installed, this concludes the soda ash feeder upgrade project, and will give the operations group two reliable feeders for years to come.

Plant Maintenance

The Maintenance team performed approximately 48 preventative maintenance work orders and one corrective maintenance work order for the month of September using the Cityworks maintenance management system for all water treatment plant equipment, pumping stations and fleet vehicles and NFS offices.

- The DeHart Dam watershed was patrolled daily and maintained.
- The Maintenance team repaired 406 backwash valve actuators in the Filter building.
- The Maintenance team repaired the duct work for the air make-up from the Blower building to the Pump Gallery building.
- The Maintenance team replaced the motor for the exhaust fan in the Hydro Turbine building.
- The Maintenance team installed the conduit, wiring, control panel and racking for the Sodium Hydroxide (Caustic) system.
- The Maintenance team repaired several roof leaks in the Operations building.
- The Maintenance team installed the Rotork actuator for the Backwash Valve 406.
- The Maintenance team continues to support the requests and work orders for the NFS offices.
- The Maintenance team continues to cut grass and perform other landscaping duties at the Water Services Center, pump houses, DeHart Dam Facility and NFS offices.



Drinking Water Department Monthly Report

September 2022

• The Maintenance team continues to maintain the distribution and maintenance fleet vehicles and equipment.

Distribution

The Distribution group, while keeping up with the COVID-19 pandemic safety requirements, managed to:

- Repair three leaking services during the month totaling 587,520 gallons of unmetered water.
- Repair one Main Break 173,462 gallons of unmetered Water.
- Repair one fire hydrants.
- Replace two fire hydrants.
- Complete 789 work orders.
- Complete 529 water, sewer, and storm water locates.
- Paint 210 hydrants.
- Exercise 12 valves.
- Continue leak detection daily.
- Work 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 samples.
- All lead and copper samples have been collected and all data received. All lead data was non detect and the average copper result was 0.05 ppm with the highest result being 0.2 ppm.



Drinking Water Exhibits



EXHIBIT A Water Quality Anaylsis - 2022

| PARAMETERS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ОСТ | NOV | DEC | Average | MCL Limits |
|----------------------------------|------|----------|----------|------|----------|----------|-------|----------|----------|-----|-----|-----|---------|------------|
| Total Coliform: Presence/Absence | | | | | | | | | | | | | | |
| Distribution System | A | Α | Α | Α | Α | Α | Α | Α | Α | | | | | 5% P |
| Chlorine Residual, mg/L Free | | | | | | | | | | | | | | |
| Filter Plant Effluent | 1.94 | 2.03 | 1.98 | 1.97 | 1.94 | 1.90 | 1.88 | 1.96 | 1.93 | | | | 1.95 | 0.2 - 4.0 |
| Distribution System | 1.27 | 1.35 | 1.32 | 1.30 | 1.18 | 1.17 | 1.09 | 1.11 | 0.97 | | | | 1.20 | <0.02 |
| Turbidity, NTU | | | | | | | | | | | | | | |
| Influent from DeHart | 0.57 | 0.55 | 0.61 | 0.72 | 0.67 | 0.69 | 0.70 | 0.82 | 1.04 | | | | 0.71 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 | 0.03 | 0.04 | 0.03 | | | | 0.03 | 0.30 |
| pH, Std Units | | | | | | | | | | | | | | |
| Influent from DeHart | 6.4 | 6.3 | 6.3 | 6.3 | 6.0 | 5.8 | 5.6 | 5.6 | 6.0 | | | | 6.04 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 7.4 | 7.5 | 7.5 | 7.6 | 7.6 | 7.6 | 7.4 | 7.5 | 7.5 | | | | 7.50 | 6.5 - 8.5* |
| Distribution System | 7.6 | 7.7 | 7.6 | 7.6 | 7.7 | 7.4 | 7.5 | 7.8 | 7.6 | | | | 7.61 | 6.5 - 8.5* |
| Total Alkalinity, mg/L as CaCO3 | | | | | | | | | | | | | | |
| Influent DeHart | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | 5.00 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 13 | 18 | 16 | 15 | 17 | 19 | 21 | 27 | 26 | | | | 19.31 | <15* |
| Distribution System | 15 | 17 | 15 | 16 | 16 | 20 | 22 | 23 | 27 | | | | 18.93 | <15* |
| Temperature, degrees C | | | | | | | | | | | | | | |
| Influent from DeHart | 6.6 | 6.0 | 7.4 | 9.5 | 12.2 | 14.8 | 16.6 | 17.5 | 18.5 | | | | 12.12 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 7.0 | 6.9 | 8.1 | 10.6 | 12.6 | 14.1 | 15.2 | 16.6 | 17.7 | | | | 8.15 | NA |
| Distribution System | 15.3 | 12.9 | 13.3 | 14.6 | 17.6 | 21.9 | 22.7 | 23.0 | 22.8 | | | | 14.03 | NA |
| Fluoride, mg/L | | | | | | | | | | | | | | |
| Filter Plant Effluent | 0.57 | 0.58 | 0.57 | 0.52 | 0.64 | 0.55 | 0.59 | 0.61 | 0.86 | | | | 0.56 | 2 |
| Aluminum, mg/L | 3,0 | 0.00 | 0.0 | 0.02 | | 0.00 | 0.00 | | | | | | | |
| Filter Plant Effluent | 0.10 | 0.22 | 0.23 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | | | | 0.15 | 0.2* |
| Iron, mg/L | | V | 5125 | 0.00 | 0.00 | 0.00 | 0.02 | 3.00 | | | | | | |
| Influent from DeHart | 0.62 | 0.13 | 0.10 | 0.07 | 0.08 | 0.11 | 0.18 | 0.43 | 0.68 | | | | 0.23 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | | | | 0.02 | 0.3* |
| Distribution System | 0.13 | 0.01 | 0.03 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.05 | | | | 0.03 | 0.3* |
| Total Dissolved Solids, mg/L | | | | | | | | | | | | | | |
| Influent from DeHart | 13 | 13 | 14 | 15 | 16 | 16 | 16 | 17 | 17 | | | | 15.44 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA |
| Filter Plant Effluent | 37 | 38 | 41 | 44 | 46 | 47 | 49 | 59 | 55 | | | | 46.05 | 500* |
| Distribution System | 39 | 40 | 38 | 45 | 46 | 49 | 51 | 56 | 62 | | | | 47.45 | 500* |
| Total Hardness, mg/L | 33 | .0 | 50 | .5 | .0 | .5 | 3. | 30 | <u> </u> | | | | .,,,,,, | 500 |
| Influent from DeHart | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | | | 8.00 | NA |
| Influent from Susquehanna | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | NA | NA. |
| Filter Plant Effluent | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | | | 8.08 | NA |
| Distribution System | 8 | 7 | 7 | 6 | 5 | 7 | 6 | 6 | 6 | | | | 6.44 | NA. |
| Orthophosphate, mg/L | | • | * | Ŭ. | 3 | , | - U | - U | • | | | | U | 100 |
| Filter Plant Effluent | 1.20 | 1.15 | 1.40 | 1.16 | 1.36 | 1.32 | 1.37 | 1.29 | 1.24 | | | | 1.28 | 0.7 - 1.3* |
| Distribution System | 1.23 | 1.14 | NA | 1.18 | 1.31 | 1.33 | 1.30 | 1.30 | 1.22 | | | | 1.25 | 0.7 - 1.3* |
| **Total Trihalomethanes, ug/L | 1125 | | 101 | 1110 | 1.5 | 1.00 | 1.50 | 1.50 | | | | | 1,120 | 0.7 1.5 |
| Distribution System | 35.0 | NA | NA | 41.0 | NA | NA | 52.0 | NA | NA | | | | 42.7 | 80.0 |
| **Total Haloacetic Acids, ug/L | 33.0 | | | | | | 32.0 | | | | | | | 55.5 |
| Distribution System | 33.0 | NA | NA | 37.0 | NA | NA | 41.5 | NA | NA | | | | 37.2 | 60.0 |
| Total Organic Carbon, mg/L | 33.0 | . 47 1 | . 17 | 57.0 | . 17.1 | . 17 | . 7.5 | . 47 (| | | | | 37.2 | 50.0 |
| Influent from DeHart | 3.00 | NA | NA | 2.40 | NA | NA | 2.20 | NA | NA | | | | 2.53 | NA |
| Influent from Susquehanna | NA | NA NA | NA NA | NA | NA NA | NA NA | NA | NA NA | NA NA | | | | NA | NA NA |
| Filter Plant Effluent | 1.50 | NA NA | NA NA | 1.30 | NA NA | NA NA | 1.10 | NA NA | NA NA | | | | 1.30 | NA NA |
| THE THIRD LINGS | 1.50 | INA | INA | 1.30 | 13/7 | 14/4 | 1.10 | 1 1/7 | 1475 | 1 | 1 | 1 | 1.30 | 1 1/7 |
| Average Filter Run, Hours | 114 | 116 | 116 | 115 | 114 | 116 | 100 | 114 | 114 | | | | 113.22 | NA |

^{*} Values are related to DEP Secondary MCL
** Running Annual Quarterly Average



EXHIBIT B

Water Production Data - 2022

| | DeHart Wi | thdrawal | River Wit | hdrawal | Total Wit | hdrawal | Treated | Water | Process | Water | Finished | l Water |
|-----------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| Month | Total (MG) | Average (MGD) |
| January | 230.675 | 7.441 | 0.000 | 0.000 | 230.675 | 7.441 | 235.985 | 7.612 | 4.634 | 0.149 | 228.344 | 7.366 |
| February | 230.134 | 8.219 | 0.000 | 0.000 | 230.134 | 8.219 | 233.393 | 8.335 | 5.266 | 0.188 | 224.570 | 8.020 |
| March | 225.723 | 7.282 | 0.000 | 0.000 | 225.723 | 7.282 | 233.913 | 7.546 | 6.770 | 0.218 | 223.545 | 7.211 |
| April | 212.629 | 7.088 | 0.000 | 0.000 | 212.629 | 7.088 | 218.666 | 2.289 | 6.006 | 0.201 | 209.256 | 6.975 |
| May | 231.932 | 7.482 | 0.000 | 0.000 | 231.932 | 7.482 | 239.807 | 7.735 | 6.563 | 0.212 | 230.430 | 7.433 |
| June | 237.403 | 7.913 | 0.000 | 0.000 | 237.403 | 7.913 | 242.242 | 8.075 | 6.000 | 0.200 | 233.202 | 7.773 |
| July | 251.091 | 8.099 | 0.000 | 0.000 | 251.091 | 8.099 | 250.036 | 8.323 | 6.183 | 0.200 | 248.668 | 8.022 |
| August | 244.659 | 7.892 | 0.000 | 0.000 | 244.869 | 7.892 | 251.347 | 8.109 | 6.623 | 0.213 | 242.842 | 7.834 |
| September | 219.848 | 7.581 | 0.000 | 0.000 | 219.848 | 7.581 | 224.729 | 7.750 | 6.184 | 0.213 | 216.319 | 7.459 |
| October | | | | | | | | | | | | |
| November | | | | | | | | | | | | |
| December | | | | | | | | | | | | |
| Total | 2084.094 | | 0.000 | | 2084.304 | | 2130.118 | | 54.229 | | 2057.176 | |
| Average | 231.566 | 7.666 | 0.000 | 0.000 | 231.589 | 7.666 | 236.680 | 7.308 | 6.025 | 0.199 | 228.575 | 7.566 |

Peak Day Water Use 5/31/2020 6.966 (MG) = Million Gallons
Minimum Day Water Use 5/1/2020 6.081 (MGD) = Million Gallons per Day

2022-00-00 WSC Monthly Report Exhibit B Exhibit B



EXHIBIT C

Rainfall at the DeHart Reservoir - 2022

(inches)

| Date | January | February | March | April | May | June | July | August | September | October | November | December | Annual Total |
|------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|-----------------|
| 2022 Total | 2.74 | 3.14 | 1.67 | 5.03 | 6.55 | 5.84 | 2.16 | 2.67 | 4.16 | 0.00 | 0.00 | 0.00 | 33.96 |
| Daily Average | 0.080 | 0.113 | 0.150 | 0.168 | 0.211 | 0.195 | 0.070 | 0.086 | 0.139 | 0.000 | 0.000 | 0.000 | 1.212 |
| 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 |
| 2021 Total | 2.74 | 5.88 | 7.55 | 12.58 | 19.13 | 24.97 | 27.13 | 29.80 | 33.96 | 0.00 | 0.00 | 0.00 | 163.74 |

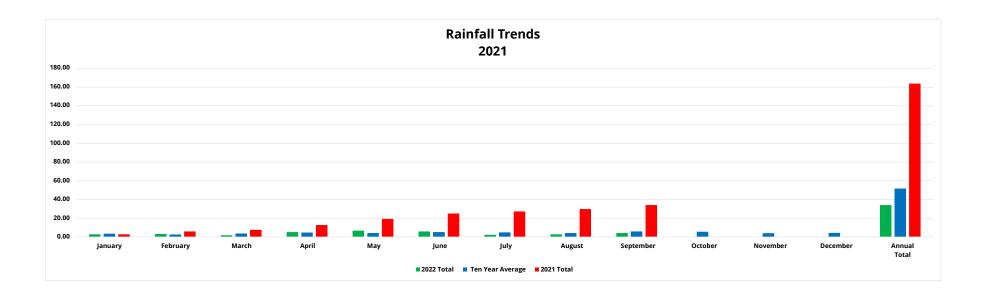




EXHIBIT D

Water Level at the DeHart Reservoir - 2022

(Inches from Spillway)

| Date | January | February | March | April | May | June | July | August | September | October | November | December |
|--------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| 2022 AVG | 1.9 | 3.1 | 3.2 | 4.6 | 4.1 | 7.2 | -12.1 | -34.1 | -48.5 | | | |
| 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 | 1.9 | 5.0 | 6.3 | 7.8 | 11.9 | 15.9 | 28.0 | 62.1 | 110.6 | | | |

DeHart Reservoir Water Level Trends 2021

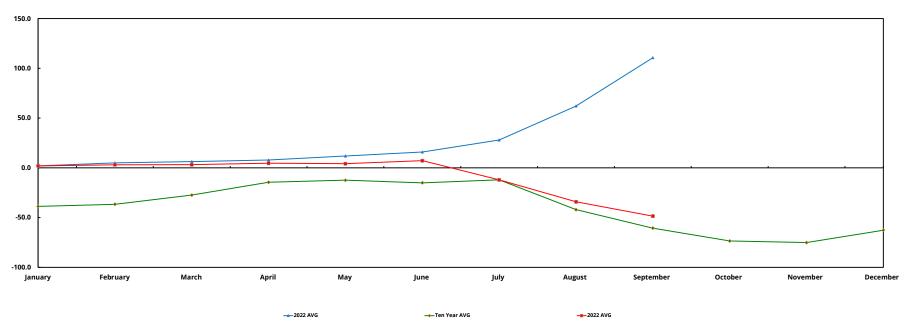
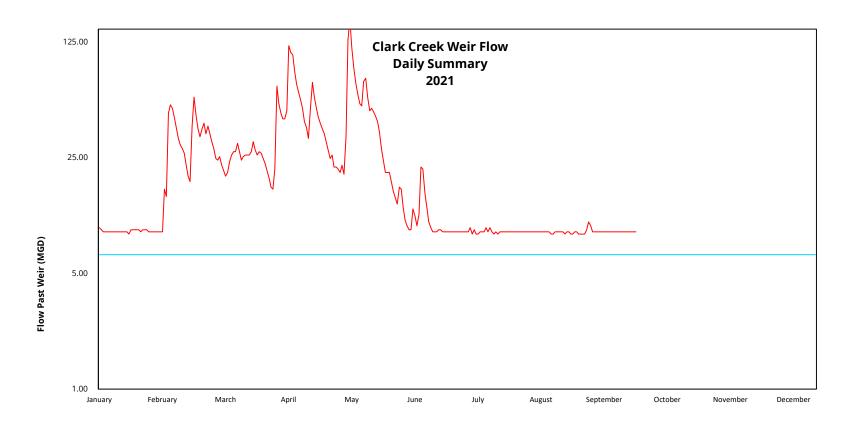




EXHIBIT E

Daily Conservation Release - 2022



——Series1

— Minimum Allowable Flow



EXHIBIT F

Utility Usage - 2022

| Location / Utility | January | February | March | April | May | June | July | August | September | October | November | December | Average | Total |
|-------------------------------|----------------|----------------|----------------|-------------|-------------|-------------|------------|----------|-----------|----------|----------|----------|---|-------------------|
| ter Services Center | | | | | | | | | | | | | | |
| ctric Transmission | | | | | | | | | | | | | | |
| Total, kwH | 196,200 | 136.800 | 145.800 | 181.800 | 172.800 | 190.800 | | | | | | | 170,700 | 1.024.200 |
| Cost, Dollars | \$12,915.36 | \$8,967.54 | \$8,888.73 | \$11,610.27 | \$11,641.64 | \$12,788.26 | | | | | | | \$11,135.30 | \$66,811.8 |
| ectric Generation | 7.2,5.5.55 | 10,100.00 | 10,000 | 4, | 4, | 7.2/ | | | | | | | 71.7.20.00 | 110,0 |
| Total, kwH | 196,200 | 136,800 | 145,800 | 181.800 | | | 190.800 | | | | | | 170,280 | 851,400 |
| Cost. Dollars | \$1,323,23 | \$1,339,10 | \$1,303,79 | \$1,352,63 | | | \$1,220,30 | | | | | | \$1,307,81 | \$6,539.05 |
| atural Gas | 7.,020.20 | 1,,0000 | 11,000.00 | 1,,000.00 | | | 11,220.00 | | | | | | 1.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 10,000.00 |
| Total, Cu Ft | 14.898 | 11,450 | | 14.334 | | 4.497 | | | | | | | 11,295 | 45,179 |
| Cost, Dollars | \$12,296.76 | \$9,486.52 | | \$1,118.06 | | \$132.83 | | | | | | | \$5,758.54 | \$23,034.1 |
| wer | | , | | ., | | | | | | | | | | , |
| Total, Gal | 7.710.000 | 6.560,000 | | | | 5.000.000 | | | | | | | 6.423.333 | 19.270.00 |
| Cost, Dollars | \$65.997.60 | \$56,152.60 | | | | \$42,800.00 | | | | | | | \$54,983.40 | \$164,950.2 |
| fuse | | | | | | | | | | | | | | , |
| Cost, Dollars | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$509.60 | \$6,115.20 |
| servoir Park Pump Station | | | | | | | | | | | | | | |
| ctric Transmission | | | | | | | | | | | | | | |
| Total, kwH | 84.800 | 84.800 | 81,600 | 82,400 | 90.400 | 79,600 | | | | | | | 83.933 | 503,600 |
| Cost, Dollars | \$3,943.58 | \$3,917.06 | \$3,362.56 | \$3,547.63 | \$3,565.93 | \$2,146.60 | | | | | | | \$3,413.89 | \$20,483.3 |
| ectric Generation | , | | | | | | | | | | | | | |
| Total, kwH | 84,800 | 84,800 | 81,600 | | | 78,000 | 79,600 | | | | | | 81,760 | 408,800 |
| Cost, Dollars | \$1,074.71 | \$1,134.00 | \$1,168.51 | | | \$1,160.80 | \$1,068.11 | | | | | | \$1,121.23 | \$5,606.13 |
| ntural Gas | | | | | | | . , | | | | | | | , |
| Total, Cu Ft | 823 | 523 | | | | | | | | | | | 673 | 1,346 |
| Cost, Dollars | \$696.50 | \$451.99 | | | | | | | | | | | \$574.25 | \$1,148.49 |
| Isquehanna River Pump Station | - | 7.0 | | | | | | | | | | | 121 1122 | V./. 10.15 |
| ectric Transmission | | | | | | | | | | | | | | |
| Total, kwH | 1.800 | 1,200 | 1.800 | 600 | 1,200 | | | | | | | | 1,320 | 6.600 |
| Cost, Dollars | \$77.70 | \$14.63 | \$84.89 | \$80.63 | \$7.58 | | | | | | | | \$53.09 | \$265.43 |
| ectric Generation | | | | 10000 | 1 | | | | | | | | 144.11 | 1200.00 |
| Total, kwH | 1,800 | 1,200 | 1,800 | 600 | 600 | 600 | | | | | | | 1,100 | 6,600 |
| Cost, Dollars | \$75.67 | \$74.18 | \$71.63 | \$69.05 | \$68.85 | \$68.85 | | | | | | | \$71.37 | \$428.23 |
| atural Gas | 7.000 | | 41.1100 | 100.00 | 7,0000 | 1,0000 | | | | | | | 7.1.0 | 1.110.110 |
| Total, Cu Ft | 724 | 641 | | | | | | | | | | | 683 | 1,365 |
| Cost, Dollars | \$615.82 | \$548.16 | | | | | | | | | | | \$581.99 | \$1,163.98 |
| nion Square Booster Station | | 40.00.0 | | | | | | | <u> </u> | | | | 122.112 | 41,110.00 |
| ectric Transmission | | | | | | | | | 1 | | | | | |
| Total, kwH | 2876 | 3,875 | 2,888 | 2,309 | 1,508 | | | | | | | | 2.691 | 10,580 |
| Cost,Dollars | 152.42 | \$312.67 | \$150.83 | \$127.58 | \$77.44 | | | | | | | | \$164.19 | \$668.52 |
| ectric Generation | 132.42 | \$512.07 | \$150.05 | \$127.50 | 477.44 | | | | 1 | | | | 4104.13 | 4000.52 |
| Total, kwH | 2876 | 3,875 | 2,888 | 2,309 | | | | | | | | | 2.987 | 9,072 |
| Cost. Dollars | 125.54 | \$127.11 | \$162.09 | \$120.18 | | | | | | | | | \$133.73 | \$409.38 |
| eHart Facilities | 123.34 | \$127.11 | \$102.03 | \$120.10 | | | | | | | | | ¥155.75 | \$405.50 |
| ectric Transmission | | | | | | | | | 1 | | | | | |
| Total, kwH | 2,965 | 2,845 | 2,728 | 2,470 | 2,209 | 2,009 | | | | | | | 2,538 | 15,226 |
| Cost, Dollars | \$224.15 | 2,043 | \$203.55 | \$199.31 | \$190.46 | \$129.51 | | | | | | | \$189.40 | \$946.98 |
| ectric Generation | 1224.13 | | 1233.33 | 1.55.51 | 2.30.40 | 7.25.51 | | | | | | | 2.25.40 | 4540.50 |
| Total, kwH | 2.965 | 2,845 | 2,728 | 2,499 | 2,209 | | 2,015 | | | | | | 2.544 | 15,261 |
| Cost, Dollars | \$101.22 | \$96.85 | \$97.06 | \$90.42 | \$151.19 | \$158.21 | \$96.13 | | | | | | \$113.01 | \$791.08 |
| el Oil | 9101.22 | 450.05 | \$57.00 | 750.72 | 9131.13 | P.30.2. | \$30.13 | <u> </u> | + | <u> </u> | <u> </u> | | 7113.01 | 4,51.00 |
| Total, Gals. | | 1 | 1,438 | | | | | | | | | | 1,438 | 1,438 |
| Cost, Dollars | | | \$8,077.31 | | | | | - | + | - | - | | \$8,077.31 | \$8,077.31 |
| ty Island Heat Trace | | | #0,077.51 | | | | | | · | | | | ₽0,U/7.31 | \$8,077.31 |
| ectric Transmission | | | | | | | | | | | | | | |
| | 200 | 270 | 256 | 25.000 | 250 | | | | | | | | F 426 | 27.400 |
| Total, kwH | 390 | 378 | 356 | 25,800 | 258 | | | - | | - | - | | 5,436 | 27,182 |
| | \$23.33 | \$20.65 | \$19.97 | \$11.81 | \$11.81 | | - | - | - | - | - | - | \$17.51 | \$87.57 |
| Cost, Dollars | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| ectric Generation | | | | | | | | | | | | | | |
| | 390 \$65.29 | 378 \$65.27 | 356 \$64.99 | | | | | | | | | | 375 \$65.18 | 1,124 \$195.55 |

^{**} Not available at time report was developed

| Total Transmission | \$89,264 |
|--------------------|-----------|
| Total Generation | \$13,969 |
| Total Refuse | \$6,115 |
| Total Gas | \$25,347 |
| Total Sewer | \$164,950 |
| Total Fuel Oil | \$8,077 |
| Total Utilities | \$301,607 |



Exhibit G

Hydro-Turbine Generator Performance - 2022

| Month | Kilowatt-hour (KWH) | Anticipated Savings * |
|------------------------------------|---------------------|-----------------------|
| January | 48,590 | \$2,818 |
| February | 42,322 | \$2,455 |
| March (Out for Service) | 0 | \$0 |
| April (Out of Service) | 0 | \$0 |
| May (Partial Out of Service) | 24,528 | \$1,423 |
| June | 0 | \$0 |
| July (out of srv/waiting on parts) | 0 | \$0 |
| August (out of service) | 0 | \$0 |
| September (out of service) | 0 | \$0 |
| October | 0 | \$0 |
| November | 0 | \$0 |
| December | 0 | \$0 |
| Average | 45,456 | \$2,636 |
| Year to Date | 115,440 | \$6,696 |

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

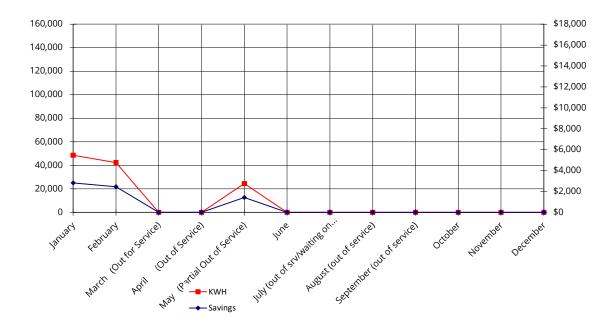




EXHIBIT H

Treatment Chemical Usage - 2022

| Chemical | January | February | March | April | May | June | July | August | September | October | November | December | Average | Total |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------|----------|----------|-------------------|--------------|
| Chlorine | | | | | | | | | | | | | | |
| Total Lbs. | 6,180 | 6,133 | 6,135 | 5,736 | 6,296 | 6,356 | 6,770 | 6,593 | 5,895 | | | | 6,233 | 56,094 |
| Average, Chlorine Lbs./Day | 199 | 219 | 198 | 191 | 203 | 212 | 218 | 213 | 203 | | | | 206.3 | |
| Average, Chlorine Dose, mg/L | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.4 | 3.2 | | | | 3.2 | |
| Chlorine, Cost, \$/Lbs. Chlorine Total Cost, Dollars | \$0.305 \$1,885 | \$0.305 \$1,871 | \$0.305 \$1,871 | \$0.305 \$1,749 | \$0.305 \$1,919 | \$0.305 \$1,939 | \$0.305 \$2,065 | \$0.305 \$2,011 | \$0.305 \$1,798 | | | | 0.3 \$1,900.88 | \$17,107.90 |
| Chlorine Total Cost, Dollars | \$1,005 | \$1,071 | \$1,071 | \$1,749 | \$1,919 | \$1,939 | \$2,065 | \$2,011 | \$1,796 | | | | \$1,900.88 | \$17,107.90 |
| Alum 48.5% | | | | | | | | | | | | | | |
| Total Lbs. | 48,096 | 46,683 | 42,713 | 38,071 | 38,686 | 37,906 | 34,430 | 34,688 | 28,073 | | | | 38,816 | 349,346 |
| Average, Alum, Lbs./Day | 1,551 | 1,667 | 1,378 | 1,269 | 1,248 | 1,264 | 1,111 | 1,119 | 968 | | | | 1286.2 | |
| Average, Alum, mg/L | 25.0 | 25.0 | 18.3 | 18.8 | 20.0 | 16.5 | 16.5 | 17.8 | 12.5 | | | | 18.9 | |
| Alum Cost, \$/Lbs. | \$0.164 | \$0.164 | \$0.164 | \$0.164 | \$0.164 | \$0.164 | \$0.164 | \$0.164 | \$0.164 | | | | 0.2 | |
| Alum Total Cost, Dollars | \$7,888 | \$7,656 | \$7,005 | \$6,244 | \$6,345 | \$6,217 | \$5,647 | \$5,689 | \$4,604 | | | | \$6,366.08 | \$57,294.74 |
| Lime | | | | | | | | | | | | | | |
| Total Lbs. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average Lime, Lbs./Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0.0 | |
| Average, Lime Dose, mg/L | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | |
| Lime Cost, \$/Lbs. | \$0.00 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | \$0.00 | |
| Lime Total Cost, Dollars | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | \$0.00 | \$0.00 |
| Soda Ash | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Total Lbs. | 24,800 | 25,750 | 25,400 | 26,250 | 31,650 | 32,700 | 35,450 | 40,250 | 30,700 | | | | 30,328 | 272,950 |
| Average Soda Ash, Lbs./Day | 800 | 920 | 819 | 875 | 1,021 | 1,090 | 1,144 | 1,298 | 1,023 | | | | 998.9 | , |
| Average, Soda Ash Dose, mg/L | 16.7 | 16.7 | 16.2 | 16.9 | 17.7 | 17.9 | 21.0 | 22.1 | 25.9 | | | | 19.0 | |
| Soda Ash Cost, \$/Lbs. | \$0.299 | \$0.299 | \$0.299 | \$0.299 | \$0.299 | \$0.299 | \$0.299 | \$0.299 | \$0.299 | | | | 0.3 | |
| Soda Ash Total Cost, Dollars | \$7,415 | \$7,699 | \$7,595 | \$7,849 | \$9,463 | \$9,777 | \$10,600 | \$12,035 | \$9,179 | | | | \$9,068.02 | \$81,612.20 |
| Fluoride | | | | | | | | | | | | | | |
| Total Lbs. | 1,155 | 1,193 | 1,168 | 1,111 | 1,202 | 1,215 | 1,445 | 1,557 | 2,049 | | | | 1,344 | 12,095 |
| Average, Fluoride Lbs./Day | 37 | 43 | 38 | 37 | 39 | 41 | 47 | 50 | 71 | | | | 44.8 | <u> </u> |
| Average, Fluoride (F-) Dose, mg/L | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 1.1 | | | | 0.7 | |
| Fluoride Cost, \$/Lbs. | \$0.48 | \$0.48 | \$0.48 | \$0.48 | \$0.48 | \$0.48 | \$0.48 | \$0.48 | \$0.48 | | | | \$0.48 | |
| Fluoride Total Cost, Dollars | \$554 | \$573 | \$561 | \$533 | \$577 | \$583 | \$694 | \$747 | \$984 | | | | \$645.16 | \$5,806.40 |
| Sodium Hydroxide 50% | | | | | | | | | | | | | | |
| Total NaOH 50% dry Lbs. | 41,600 | 36,660 | 38,202 | 36,068 | 41,385 | 42,323 | 42,135 | 45,166 | 40,353 | | | | 40,432 | 363,892 |
| Average NaOH 50%, dry Lbs./Day | 1,342 | 1,309 | 1,232 | 1,202 | 1,335 | 1,411 | 1,359 | 1,457 | 1,392 | | | | 1,338 | 300,032 |
| Average, NaOH 50%, mg/L | 10.7 | 10.7 | 9.8 | 9.9 | 10.4 | 9.0 | 9.8 | 10.8 | 11.1 | | | | 10.2 | |
| NaOH 50% Cost, dry \$/Lbs | \$0.174 | \$0.174 | \$0.174 | \$0.174 | \$0.174 | \$0.174 | \$0.174 | \$0.174 | \$0.174 | | | | 0.2 | |
| NaOH 50% Total Cost, Dollars | \$7,238 | \$6,379 | \$6,647 | \$6,276 | \$720 | \$7,364 | \$7,332 | \$7,859 | \$7,021 | | | | \$6,315.16 | \$56,836.40 |
| 7ina Outhorhankaanhata | | | | | | | | | | | | | | |
| Zinc Orthophosphate Total Zn3(PO4)2, wet Lbs. | 5,142 | 5,057 | 5,034 | 4,712 | 5,189 | 5,251 | 5,600 | 5,468 | 4,871 | | | | 5.147 | 46,324 |
| Average Zn3(PO4)2, wet Lbs./Day | 166 | 181 | 162 | 157 | 167 | 175 | 181 | 176 | 168 | | | | 170.3 | 40,324 |
| Average, Zn3(PO4)2 Dose, mg/L | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | | | | 2.7 | |
| Zn3(PO4)2 Cost, wet \$/Lbs. | \$0.374 | \$0.374 | \$0.374 | \$0.374 | \$0.374 | \$0.374 | \$0.374 | \$0.374 | \$0.374 | | | | 0.4 | |
| Zn3(PO4)2 Total Cost, Dollars | \$1,923 | \$1,891 | \$1,883 | \$1,762 | \$1,941 | \$1,964 | \$2,094 | \$2,045 | \$1,822 | | | | \$1,925.01 | \$17,325.11 |
| | | | | | | | | | | | | | | |
| Potassium Permanganate Total KMnO4, Lbs. | | | | | | | | | | | | | | 0 |
| Average KMnO4, Lbs./Day | | | | | | | | | | | | | | |
| Average, KMnO4 Dose, mg/L | | | | | | | | | | | | | | |
| KMnO4 Cost, \$/Lbs. | | | | | | | | | | | | | | |
| KMnO4 Total Cost, Dollars | | | | | | | | | | | | | | \$0.00 |
| | | | | | | | | | | | | | | |
| Expenditure | | | | | | | | | | | | | | \$235,982.75 |
| = | | | | | | | | | | | | | | , |
| Average Treated Cost per (MG) | | | | | | | | | | | | | 1 | |
| Average Treated Cost per (MG) Total Treated Flow (MGD) | | | | | | | | | | | | | | 0.000 |

2022-02-00 WSC Monthly Report Exhibit H



EXHIBIT I

DISTRIBUTION DEPARTMENT ACTIVITIES - 2022

| Activity | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Total | Average |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|---------|
| PA One Call Locates | 423 | 501 | 523 | 564 | 481 | 513 | 490 | 524 | 529 | 0 | 0 | 0 | 4,548 | 505 |
| Street Restorations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leak Detection Assessment Percent of Distribution System | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0 | 72 | 8 |
| Main Break Repair - Detected Non-Surfacing | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Main Breaks Repaired - Emergency | 2 | 6 | 3 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 2 |
| Service Line Leaks Detected | 2 | 10 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 17 | 2 |
| Service Line Leaks Repaired | 1 | 11 | 0 | 0 | 2 | 2 | 1 | 10 | 4 | 0 | 0 | 0 | 31 | 3 |
| Valves - Exercised | 0 | 0 | 0 | 2 | 0 | 0 | 24 | 64 | 12 | 0 | 0 | 0 | 102 | 11 |
| Valves - Replaced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydrant Flow Tests | 0 | 2 | 3 | 2 | 5 | 2 | 3 | 9 | 4 | 0 | 0 | 0 | 30 | 3 |
| Hydrants Returned to Service | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 6 | 1 |
| Water Tap - Disconnected | 1 | 0 | 2 | 3 | 4 | 11 | 29 | 0 | 3 | 0 | 0 | 0 | 53 | 6 |
| Water Tap - New Connection | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | o | 0 | 0 | 0 | 5 | 1 |
| Water Shutoffs - Delinquent Accounts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water Shutoffs - Other | 26 | 23 | 14 | 47 | 31 | 60 | 14 | 28 | 18 | 0 | 0 | 0 | 261 | 29 |
| Water Shutoffs - Non Payment | 0 | 0 | 0 | 37 | 31 | 41 | 9 | 21 | 7 | 0 | 0 | 0 | 146 | 16 |
| Water Restoration Turn on Other | 22 | 24 | 22 | 36 | 52 | 39 | 18 | 23 | 23 | 0 | 0 | 0 | 259 | 29 |
| Water Turn on - Non Payment | 5 | 6 | 5 | 24 | 14 | 22 | 7 | 6 | 13 | 0 | 0 | 0 | 102 | 11 |



EXHIBIT J

Metering Activities - 2022

| Board Monthly Report | Distribution Monthly Report | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|---------|
| Activity | Activity | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Total | Average |
| Meter Installations | | | | | | | | | | | | | | | |
| | Missing | 7 | 8 | 3 | 4 | 6 | 13 | 5 | 7 | 7 | | | | 60 | 7 |
| | Leaking | 7 | 1 | 3 | 1 | 4 | 1 | 4 | 1 | 2 | | | | 24 | 3 |
| Replacement | Frozen | 10 | 6 | 6 | 5 | 1 | 0 | 0 | 2 | 1 | | | | 31 | 3 |
| | Non-registering | 1 | 3 | 5 | 5 | 2 | 4 | 3 | 6 | 7 | | | | 36 | 4 |
| | Large Meters ¹ | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | | | | 2 | 0 |
| New Service | New Installation | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | | | | 4 | 0 |
| Meter Service | | | | | | | | | | | | | | | |
| MXU's Replaced | MXU's Replaced | 20 | 22 | 41 | 18 | 31 | 24 | 61 | 38 | 35 | | | | 290 | 32 |
| Batteries Replaced | Batteries Replaced | 67 | 25 | 123 | 65 | 48 | 34 | 31 | 30 | 69 | | | | 492 | 55 |
| Meter Pits Serviced | Meter Pits Serviced | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | | | | 5 | 1 |
| Meter Calibrations | | | | | | | | | | | | | | | |
| Small Meters ² | Calibrated meters | 2 | 0 | 1 | 2 | 11 | 9 | 0 | 0 | 0 | | | | 25 | 3 |

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) - 2022

| 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 | 0 | 8,176 | 359,716 | 81,274 | 0 | 7,616 | 40,297 | 0 | 0 | 0 | 497,079 | 55,231 |
| Billed Unmetered | Hydrant Flow Tests | 0 | 7,955 | 11,526 | 3,812 | 11,792 | 13,039 | 13,740 | 28,868 | 43,260 | 0 | 0 | 0 | 133,992 | 14,888 |
| Unbilled Unmetered | Hydrant Flushing (and Unbilled Authorized) | 221,167 | 32,288 | 120,010 | 3,485,233 | 5,695,883 | 6,663,397 | 2,258,900 | 104,492 | 76,987 | 0 | 0 | 0 | 18,658,357 | 2,073,151 |
| Leakage on Distribution Mains | Main Leaks | 4,349,565 | 1,286,902 | 2,856,325 | 71,360 | 896,734 | 88,843 | 0 | 0 | 173,462 | 0 | 0 | 0 | 9,723,191 | 1,080,355 |
| Leakage on Service Lines | Service Leaks | 998,776 | 708,950 | 595,243 | 573,408 | 111,040 | 466,560 | 412,704 | 181,440 | 587,520 | 0 | 0 | 0 | 4,635,641 | 515,071 |
| | Total | 5,569,508 | 2,036,095 | 3,583,104 | 4,141,989 | 7,075,165 | 7,313,113 | 2,685,344 | 322,416 | 921,526 | 0 | 0 | 0 | 33,648,260 | 3,738,696 |



Wastewater



WASTEWATER DEPARTMENT MONTHLY REPORT



CRW's Operations Challenge Team, Sanitary Confinement, competes at the WEFTEC 2022 conference. Pictured from left to right are Tom York, Tom Bernstein, Mitch Webb, and Cody Howe.

September 2022

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



AWTF Monthly Report

September 2022

Overview

As is typical in September of each year, budget preparation was a significant focus for the Wastewater department throughout the month. Various interdivision workshops were held to develop operating and capital budget requests for the department. This was followed by interdepartmental meetings to discuss these requests later in the month. Final refinements will continue through October before presentation to the Board in November.

The Wastewater department also continued making significant gains on the staffing front in September. Recruitment and interviews continued throughout the month. One Operator began training in September, while another offer was extended and will start training in October. Additionally, the Laboratory is once again fully staffed, which allowed the group to bring outsourced analyses back in-house to reduce costs.

Lastly, the end of September marked the conclusion of the 2022 Water Year and the conclusion of the "Food Slurry as Supplemental Carbon Source" pilot project. While the 70,288 nitrogen credits that were generated were slightly less than what was being projected earlier in the year, it still marks an extraordinary achievement by the AWTF Operations and Maintenance groups. Staff devised a method by using a food slurry waste product as energy source for the denitrification process, allowing treatment so far beyond our permit requirements that these tradable credits will be awarded. The sale of which will result in approximately \$193,292 in additional non-rate revenue that can be used to supplement our Customer Assistance Program (CAP).

Operations

During the month of September, the AWTF met all monthly average NPDES permit requirements. Two Dry Weather Overflows were reported.

Hydraulic loading to the AWTF averaged 17.0 million gallons per day (MGD). The treatment process achieved removal reductions of 96.5 percent CBOD, 96.5 percent Suspended Solids, 57.2 percent Phosphorus, and 95.0 percent Ammonia (Exhibit A).

Revenue of the Contract Waste Hauling program collected \$55,870.65 in revenue from 1,901,590 gallons discharged (Exhibit G). Revenue is back on track as wetter fall weather is here and we have begun to receive leachate from our landfill clients.

The Cogeneration Facility experienced an average run time of 12 percent in September. Revenue is estimated at \$1,578.83 on 13,500 Kilowatt-hours generated for the month. The decrease in runtime is primarily due to the mechanical failures of the 38-year-old Enginator unit.





September 2022

Laboratory

- Completed the following IDOC's for both new Lab Technicians: Total Phosphorous, Ammonia-Nitrogen, pH, Total Suspended Solids, and Total Residual Chlorine.
- Completed writing the Colilert Fecal/E. Coli SOP and additional QC logs.
- Successfully ran and passed Colilert QC and IDOC's.
- All solids testing is now being run in-house instead of subcontracting to ALS.

Pretreatment

- Created new business with Eldredge, Inc. for additional sources of trucked in waste to increase revenue for the CWH program.
- Continuing to monitor data from Industrial Users and work with them to maintain compliance.
- Digitizing forms and logbooks as they are discovered for easier data management.

Plant Maintenance

- Performed annual facility-wide lubrication of all mechanical equipment.
- Completed piping configuration for divert haulers/chemical connection lines at the Chemical Storage Building.
- Repaired tipping weirs for Primary Clarifier No. 1.
- Initiated work progress for Primary Clarifier No. 4 restoration.
- Serviced, tested, and replaced batteries for the standby generators at the Spring Creek Pump Station.
- Completed bar screen overhaul, including complete chain and sprocket replacement at the Spring Creek Pump Station.
- Performed 22 vehicular repairs in preparation for state inspections.
- Repaired several portable pumps.
- Performed several maintenance tasks as requested at 3003 NFS offices.

Field Construction

- Repaired 27 inlets in various locations in the city.
- Added steel plate baffles to 12 inlets in various locations in Harrisburg to combat floatables and debris entry into the system.
- Repaired SSP-000632 at the intersection of Penn and Calder Streets. Twelve feet of pipe was replaced.
- SSMH-000059 was found to have a large mass of concrete in the flow channel. Crew was sent to remove concrete with a jackhammer to restore flow and grant access to the CCTV crew.



AWTF Monthly Report

September 2022

- Repaired SWP-006433 and SWP-006432 at the intersection of Fifth and Muench Streets.
- Replaced a broken manhole grate and cover at Peffer and Wood Streets.

Field Operations

- Total CCTV footage of sewer pipe assessed this September was 4,696.6 feet (0.89 miles). No breakdown available for CCTV and flushing at this time.
- Total of pipe flushed this month was 9,009 feet (1.7 miles).
- Responded to four backup and overflow calls from residents. CRW was liable for none.
- Responded to eight sinkhole calls. Wastewater was liable for two and Water was liable for one.
- Cleaned 165 stormwater inlets.
- Inspected 163 stormwater inlets.
- There were two dry weather overflows at CSO #034 South Market and Cameron Streets.
- There were no SSO's this month.
- Assisted with cleaning out of the food slurry tank with plant operations.
- Flushed grease pit line No. 2.

Environmental Compliance

- Completed 11 outfall inspections.
- Completed 10 inspections of FOG dischargers. Six locations received letters of non-compliance with compliance plans and four locations were exempt.
- Issued five new FOG discharge permits.
- Issued one FOG-related Notice of Violations (NOVs).
- Provided education packets to two newly identified FOG dischargers (either new business or previously unidentified). Spent time educating business owners/representative 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.
- Three investigations were conducted during the month of September:
 - Environmental Compliance received a complaint about a commercial salt pile in uptown
 Harrisburg not having the proper containment measures and causing run-off into a nearby
 storm inlet. The complaint was investigated and found to be unwarranted.
 - Environmental Compliance received a complaint from CRW's Field Operations regarding petroleum products in the sewer near Green and Woodbine Streets. The source of the petroleum could not be located, and the slug flow passed through within a couple hours. The investigation was inconclusive.
 - CRW's Field Operations reported a blue discoloration in a storm inlet in the vicinity of Forster and Capitol Streets. The source was found to be a local painting contractor who



AWTF Monthly Report

September 2022

cleaned his paint brushes in a 5-gallon bucket and dumped the bucket into a storm inlet. The painting contractor will receive a Notice of Violation.

Street Sweeping

- Received four complaints in the month of September. All complaints have been resolved.
- Completed 490.4 miles of street sweeping within the City of Harrisburg in September.
- Continued to sweep area of Reservoir Park. It is scheduled with areas 1, 6, and 9.
- Water usage was approximately 13,240 gallons.
- Continued to assist cleaning storm inlets in scheduled sweeping areas.
- When the days of the month fall on a 5th week, there is no scheduled sweeping. However, the Street Sweeping group will be assigned specific assignments throughout the city to continue the upkeep in highly visible areas. The end of September 2022, the Street Sweeping group swept an additional 34.4 miles (included in total miles swept) and continued to clean off storm inlets.



Wastewater Exhibits



EXHIBIT A

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Process Control - 2022

| Parameters | January | February | March | April | May | June | July | August | September | October November December Average | NPDES Limits |
|------------------------------------|---------|----------|-------------|-------------|-------|-----------|------|--------|-----------|-----------------------------------|-----------------|
| Volume, MGD | 18.4 | 24.3 | 20.3 | 26.0 | 28.6 | 19.4 | 17.7 | 15.3 | 17.0 | 20.8 | 37.7 |
| Carbonaceous Biochemical Oxygen Do | emand | | | | | | | | | | |
| Influent, mg/L | 176 | 129 | 163 | 121 | 128 | 138 | 149 | 159 | 110 | 141 | |
| Effluent, mg/L | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 25 |
| Percent Removal, % | 98.1 | 93.3 | 97.9 | 97.0 | 96.0 | 97.1 | 97.9 | 97.3 | 96.5 | 96.8 | |
| Effluent Loading, lb/d | 520 | 846 | 572 | 724 | 952 | 637 | 446 | 536 | 413 | 627 | 7,860 |
| Suspended Solids: | | | | • | | | | | | | |
| Influent, mg/L | 177 | 149 | 212 | 144 | 137 | 153 | 184 | 174 | 161 | 166 | |
| Effluent, mg/L | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 7 | 5 | 4 | 30 |
| Percent Removal, % | 97.5 | 92.4 | 98.6 | 98.3 | 96.5 | 98.0 | 98.2 | 95.7 | 96.5 | 96.9 | |
| Effluent Loading, lb/d | 715 | 1,397 | 499 | 569 | 990 | 650 | 468 | 822 | 725 | 759 | 9,433 |
| Nitrogen Total-N | | | | | | | | | | | |
| Influent, mg/L | 26 | 24 | 26 | 20 | 23 | 24 | 25 | 27 | 6 | 22 | |
| Effluent, mg/L | 3.1 | 4.3 | 5 | 5.0 | 5.6 | 4.5 | 3.2 | 4.8 | 5.3 | 5 | Monitor |
| Percent Removal, % | 88.0 | 82.2 | 80 | 75.1 | 75.2 | 81.2 | 87.2 | 82.2 | 7.0 | 73.2 | |
| Effluent Loading, lb/d | 469 | 719 | 778 | 996 | 1,170 | 705 | 449 | 649 | 879 | 757 | |
| NH3-N | 16 | 13 | 15 | 11 | 11 | 15 | 16 | 19 | 20 | 15 | |
| Influent mg/L Effluent, mg/L | 0.7 | 1.8 | 2.3 | 11 0.7 | 1.6 | 15 0.6 | 0.8 | 0.5 | 1.0 | | 11 (2 |
| Percent Removal, % | 95.5 | 85.7 | 2.3 84.4 | 93.8 | 85.0 | 95.9 | 94.9 | 97.3 | | | |
| Effluent Loading, lb/d | 113 | 386 | 411 | 95.6 157 | 364 | 95.9 | 127 | 58 | | | 4,716 |
| Emdent Loading, ib/d | 113 | 360 | 411 | 137 | 304 | 99 | 127 | 36 | 132 | 203 | 4,710 |
| Phosphorus: | | | | | | | | | | | |
| Influent, mg/L | 3.5 | 2.8 | 3.6 | 2.9 | 2.9 | 3.5 | 4.0 | 4.9 | | | |
| Effluent, mg/L | 0.9 | 1.0 | 1.6 | 1.1 | 1.2 | 1.5 | 0.7 | 2.3 | 1.8 | 1.3 | 2.0 |
| Percent Removal, % | 71.6 | | 53.6 | 63.1 | 58.9 | 57.1 | 82.3 | 50.9 | | | |
| Effluent Loading, lb/d | 144 | 206 | 274 | 220 | 241 | 240 | 102 | 296 | 247 | 219 | 629 |
| рН: | | | | | | | | | | | |
| Influent, Std. Units | 7.4 | | 7.3 | 7.3 | 7.2 | 7.3 | 7.3 | 7.5 | | | |
| Effluent, Std. Units | 7.0 | 6.7 | 7.0 | 6.9 | 7.0 | 7.0 | 7.1 | 7.7 | 7.5 | 7.1 | 6.0 - 9.0 |
| Dissolved Oxygen: | | | | | | | | | | | |
| Effluent Minimum, mg/L | 7.0 | 7.7 | 7.1 | 7.0 | 7.2 | 6.3 | 7.2 | 7.3 | 6.6 | 7.0 | 5.0 Min. |
| Fecal Coliform: | | | | | | | | | | | |
| Effluent, No./100 ml | 6 | 6 | 1 | 4 | 2 | 3 | 3 | 2 | 4 | 3 | 200/100 ml (1 |
| Chlorine Residual: | | | | | | | | | | | |
| Effluent, mg/L | 0.19 | 0.20 | 0.19 | 0.21 | 0.41 | 0.36 | 0.42 | 0.42 | 0.40 | 0.31 | 0.50 |

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

PROCESS2022-A

⁽²⁾ Seasonal Limit May 1 to Nov.1.

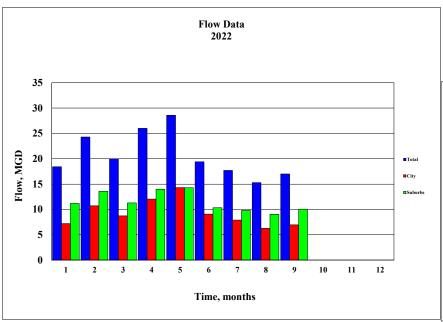


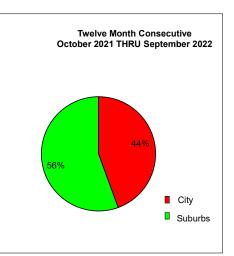
EXHIBIT B

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Flow Monitoring Information, MGD - 2022

| | Total | | | | С | ity Region | s | | | Total Precip | | | | |
|--|-----------------|---------------|----------------|--------|-------|------------|-------|-------|-------|-----------------|-------|-------|-------|---------------|
| Month | Flow | City | Suburbs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | inches |
| | | | · | | • | | | | • | • | • | • | • | |
| January | 18.400 | 7.202 | 11.198 | 6.361 | 0.158 | 0.300 | 0.254 | 0.129 | 1.300 | 4.217 | 1.820 | 3.532 | 0.329 | 2.170 |
| February | 24.300 | 10.705 | 13.595 | 9.854 | 0.197 | 0.300 | 0.066 | 0.288 | 1.300 | 5.146 | 2.271 | 4.350 | 0.528 | 2.800 |
| March | 20.000 | 8.710 | 11.290 | 7.388 | 0.170 | 0.300 | 0.679 | 0.173 | 1.300 | 3.948 | 1.956 | 3.697 | 0.389 | 2.540 |
| April | 26.000 | 12.031 | 13.969 | 10.089 | 0.211 | 0.300 | 1.225 | 0.206 | 1.500 | 4.869 | 2.421 | 4.766 | 0.413 | 3.430 |
| May | 28.600 | 14.310 | 14.290 | 11.442 | 0.246 | 0.300 | 2.099 | 0.223 | 1.800 | 4.578 | 2.830 | 4.666 | 0.416 | 6.030 |
| June | 19.400 | 9.085 | 10.315 | 7.097 | 0.162 | 0.300 | 1.275 | 0.251 | 1.400 | 3.274 | 1.863 | 3.330 | 0.448 | 4.170 |
| July | 17.700 | 7.894 | 9.806 | 5.850 | 0.144 | 0.300 | 1.400 | 0.200 | 1.400 | 3.200 | 1.656 | 3.170 | 0.380 | 4.880 |
| August | 15.300 | 6.250 | 9.050 | 4.540 | 0.130 | 0.300 | 1.130 | 0.150 | 1.300 | 2.820 | 1.500 | 3.050 | 0.380 | 1.980 |
| September October November December | 17.000 | 6.942 | 10.058 | 5.650 | 0.142 | 0.300 | 0.690 | 0.160 | 1.300 | 3.450 | 1.628 | 3.320 | 0.360 | 3.300 |
| Average Percent | 20.74 100.00 | 9.24 44.53 | 11.51 55.47 | | | | | | | | | | | 3.48 31.30 |





FLOW2022 No Zeros-B



EXHIBIT C

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Treatment Utility and Chemical Usage - 2022

| Utility / Chemical | January | February | March | April | May | June | July | August | September | October | November | December | Average | Total |
|----------------------------------|---|-------------------|---|---|---------------------|---------------------|-------------------|---|-------------|---------|----------|----------|-------------------|--------------|
| | | | | | | | | . 6 | | | | | | |
| Electric | | | | | | | | | | | | | | |
| Total, kwH | 1,131,900 | 1,032,600 | 1,019,700 | 1,072,500 | 969,300 | 1,000,500 | 1,066,200 | 963,600 | 918,000 | | | | 1,019,367 | 9,174,300 |
| Average, kwH/Day | 36,513 | 36,879 | 32,894 | 35,750 | 31,268 | 33,350 | 34,394 | 31,084 | 30,600 | | | | 33,637 | |
| Cost, Dollars | \$70,491.63 | \$72,766.82 | \$64,633.22 | \$70,097.82 | \$65,581.40 | \$67,785.65 | \$71,265.00 | \$70,412.96 | \$59,769.81 | | | | \$68,089.37 | \$612,804.31 |
| Natural Gas | | | | | | | | | | | | | | |
| Total, Cu Ft | 905.6 | 647.3 | 401.4 | 292.5 | 32.4 | 0.0 | 0.0 | * | * | | | | 253 | 2,279 |
| Average, Cu Ft/Day | 29 | 23 | 13 | 10 | 32.4 | 0.0 | 0.0 | * | * | | | | 11 | 2,279 |
| Cost, Dollars | \$7,509.60 | \$5,404.37 | \$3,544.64 | \$2,689.99 | \$413.51 | \$129.95 | \$129.95 | * | * | | | | \$2,202.45 | \$19,822.01 |
| Water | | | | | | | | | | | | | | |
| | 681 000 | 071 022 | 742.167 | 1 166 000 | 1 126 000 | 1 361 000 | 802.000 | 000 000 | * | | | | 070.000 | 7 922 000 |
| Total, Gal. Average, Gal./Day | 681,000 21,968 | 871,833 31,137 | 743,167 23,973 | 1,166,000 38,867 | 1,126,000 36,323 | 1,361,000 45,367 | 893,000 28,806 | 990,000 31,935 | * | | | | 979,000 32,297 | 7,832,000 |
| Cost, Dollars | \$10,384.54 | \$12,357.75 | \$11,027.35 | \$15,399.44 | \$14,282.72 | \$17,415.74 | \$12,576.62 | \$13,579.60 | * | | | | | \$107,023.76 |
| 2334, 2 3.18.13 | , | , , _, _, _, , | , | , | , | , , | 1.2,2. | , | | | | | , , | , |
| MicroC | | | | | | | | | | | | | | |
| Total, Gal. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average, Gal./Day | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0 | |
| Cost, Dollars | \$0 | \$0.00 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | | | \$0.00 | \$0.00 |
| Sodium Hydroxide | | | | | | | | | | | | | | |
| Total, Gal. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average, Gal./Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | ****** |
| Cost, Dollars | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | \$0.00 | \$0.00 |
| Chlorine Disinfection | | | | | | | | | | | | | | |
| Total, Lbs. | 5,340 | 6,020 | 5,100 | 7,150 | 8,720 | 7,955 | 7,972 | 8,420 | 6,975 | | | | 7,072 | 63,652 |
| Average, Lbs./Day | 172 | 215 | 165 | 238 | 281 | 265 | 256 | 272 | 233 | | | | 233 | |
| Avg Residual, mg/L | 0.19 | 0.20 | 0.19 | 0.21 | 0.41 | 0.41 | 0.42 | 0.42 | 0.40 | | | | 0.32 | |
| Cost, \$/Lbs. | \$0.99 | \$0.99 | \$0.99 | \$0.99 | \$0.99 | \$0.99 | \$0.99 | \$0.99 | \$0.99 | | | | \$0.99 | |
| Total Cost, Dollars | \$5,286.60 | \$5,959.80 | \$5,049.00 | \$7,078.50 | \$8,632.80 | \$7,875.45 | \$7,892.28 | \$8,335.80 | \$6,905.25 | | | | \$7,001.72 | \$63,015.48 |
| Phosphorous Removal | | | | | | | | | | | | | | |
| Total FeCl3, Gals. | 507 | 1,333 | 1,634 | 2,743 | 2,417 | 2,675 | 447 | 4,472 | 10,208 | | | | 2,937 | 26,437 |
| Avg FeCl3, Gals./Day | 16 | 48 | 53 | 91 | 78 | 89 | 14 | 144 | 340 | | | | 97 | |
| FeCl3 Cost, \$/Gal. | \$1.26 | \$1.26 | \$1.26 | \$1.26 | \$1.26 | \$1.26 | \$1.26 | \$1.26 | \$1.26 | | | | \$1.26 | #22 200 0C |
| FeCl3 Total Cost, Dollars | \$638.82 | \$1,679.58 | \$2,058.84 | \$3,456.18 | \$3,045.42 | \$3,370.00 | \$563.22 | \$5,634.72 | \$12,862.08 | | | | \$3,700.98 | \$33,308.86 |

^{*} No data at time of report

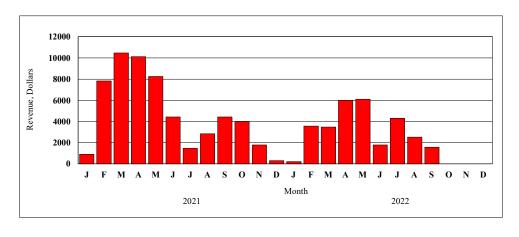


EXHIBIT D

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Cogeneration Electrical Production: 2021-2022

| | Percent | Daily Avg | Kilowatt Hours | Estimated |
|------------------------|----------|-----------|----------------|-------------|
| Period | Run Time | Kilowatt | Produced | Revenue |
| | | | | |
| January 2021 | 12 | 377 | 11,700 | \$901.25 |
| February 2021 | 75 | 3,632 | 101,700 | \$7,833.95 |
| March 2021 | 84 | 4,384 | 135,900 | \$10,468.38 |
| April 2021 | 77 | 4,380 | 131,400 | \$10,121.74 |
| May 2021 | 79 | 3,454 | 107,100 | \$8,249.91 |
| June 2021 | 42 | 1,920 | 57,600 | \$4,436.93 |
| July 2021 | 8 | 406 | 12,600 | \$1,473.57 |
| August 2021 | 26 | 784 | 24,300 | \$2,841.89 |
| September 2021 | 27 | 1,260 | 37,800 | \$4,420.71 |
| October 2021 | 26 | 1,103 | 34,200 | \$3,999.69 |
| November 2021 | 12 | 510 | 15,300 | \$1,789.34 |
| December 2021 | 2 | 87 | 2,700 | \$315.77 |
| • | | | | |
| Total - 2021 | | | 672,300 | \$56,853.12 |
| Monthly Average - 2021 | 39 | 1,858 | 56,025 | \$4,737.76 |
| | | | | |
| 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 | | | | |
| November 2022 | | | | |
| December 2022 | | | | |
| Total - 2022 | | | 252,900 | \$29,576.66 |
| Monthly Average - 2022 | 29 | 928 | 28,100 | \$3,286.30 |



COGEN2022-D 10



EXHIBIT E

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Sludge Handling Information - 2022

| Process | January | February | March | April | May | June | July | August | September | October | November | December | Average | Total |
|-----------------------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|---------|----------|----------|-------------|--------------|
| Solids Removal | | | | | | | | | | | | | | |
| Process, Lbs. | 836,796 | 808,604 | 1,256,456 | 1,295,249 | 1,041,739 | 1,063,962 | 963,124 | 569,504 | 693,176 | | | | 947,623 | 8,528,610 |
| CWH Program, Lbs. | 69,353 | 76,120 | 124,956 | 61,652 | 122,100 | 72,880 | 64,239 | 48,574 | 129,624 | | | | 85,500 | 769,497 |
| Total Solids, Lbs. | 906,149 | 884,724 | 1,381,413 | 1,356,901 | 1,163,839 | 1,136,842 | 1,027,363 | 618,077 | 822,799 | | | | 1,033,123 | 9,298,108 |
| Sludge Dewatering | | | | | | | | | | | | | | |
| Feed Volume, Gals. | 3,577,000 | 2,678,000 | 4,535,000 | 5,007,000 | 4,782,000 | 6,279,000 | 2,853,000 | 4,377,000 | 5.164.000 | | | | 4,361,333 | 39,252,000 |
| Feed Solids, % | 1.7 | 1.7 | 2.0 | 1.8 | 2.0 | 1.4 | 1.6 | 1.3 | 1.6 | | | | 1.7 | 33,232,000 |
| Labor, Hours | 459 | 416 | 659 | 644 | 561 | 659 | 467 | 615 | 617 | | | | 566 | 5,097 |
| Operations, Hours | 930 | 785 | 1,132 | 1,058 | 962 | 1,181 | 571 | 721 | 971 | | | | 923 | 8,310 |
| Total Cake, Dry Tons | 179 | 167 | 312 | 295 | 281 | 279 | 110 | 165 | 238 | | | | 225 | 2,026 |
| Total Cake, Wet Tons | 1,149 | 1,069 | 1,855 | 1,682 | 1,533 | 1,570 | 712 | 950 | 1,343 | | | | 1,318 | 11,863 |
| Cake TS, % | 15.5 | 15.6 | 16.8 | 17.6 | 18.4 | 17.8 | 17.1 | 17.4 | 17.8 | | | | 17.1 | - |
| Press Rate, Lbs./Hour | 2,472 | 2,725 | 3,279 | 3,179 | 3,186 | 2,659 | 2,493 | 2,634 | 2,768 | | | | 2,822 | 25,395 |
| Polymer Dosage, Lbs | 3,188 | 2,976 | 4,605 | 5,056 | 4,545 | 5,358 | 2,258 | 3,582 | 4,169 | | | | 3,971 | 35,737 |
| Polymer Dosage, Lbs/Dry Ton | 20.4 | 19.4 | 15.1 | 17.5 | 16.9 | 19.2 | 19.7 | 21.7 | 17.8 | | | | 18.6 | - |
| Disposal Cost | | | | | | | | | | | | | | |
| Labor, Dollars | \$8,821.98 | \$7,995.52 | \$12,665.98 | \$12,383.45 | \$10,778.58 | \$12,665.98 | \$8,981.51 | \$11,810.69 | \$11,851.05 | | | | \$10,883.86 | \$97,954.73 |
| Electrical,Dollars | \$409.07 | \$345.18 | \$497.86 | \$465.56 | \$423.37 | \$519.64 | \$251.28 | \$317.42 | \$427.02 | | | | \$406.27 | \$3,656.40 |
| Polymer, Dollars | \$6,216.60 | \$5,803.20 | \$8,979.75 | \$9,859.20 | \$8,862.75 | \$10,448.10 | \$4,403.10 | \$6,984.90 | \$8,129.55 | | | | \$7,743.02 | \$69,687.15 |
| Disposal, Dollars | \$27,763.12 | \$91,664.12 | \$107,614.33 | \$87,453.98 | \$89,783.89 | \$85,636.00 | \$44,429.50 | \$38,464.29 | \$52,568.47 | | | | \$69,486.41 | \$625,377.71 |
| Total Cost, Dollars | \$43,210.77 | \$105,808.02 | \$129,757.92 | \$110,162.19 | \$109,848.58 | \$109,269.72 | \$58,065.39 | \$57,577.30 | \$72,976.09 | | | | \$88,519.55 | \$796,675.99 |
| Cost Per Dry Ton, Dollars | \$241.40 | \$633.58 | \$415.89 | \$373.43 | \$390.92 | \$391.65 | \$527.87 | \$348.95 | \$306.62 | | | | \$403.37 | |

SLUDGE2022-E





CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Conveyance Utility Usage - 2022

| | | | 1 | | 1 | | | | | | 1 | | | |
|----------------------------|------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|---------|----------|----------|------------|---------------|
| Location / Utility | January | February | March | April | May | June | July | August | September | October | November | December | Average | Total |
| Front Street Pump Station | | | | | | | | | | | | | | |
| Electric | | | | | | | | | | | | | | |
| Total, kwH | 232,800 | 219,600 | 187,200 | 187,200 | 190,800 | 93,600 | 67,200 | 58,800 | * | | | | 154,650 | 1,237,200 |
| Average, kwH/Day | 7,510 | 7,843 | 6,039 | 6,240 | 6,155 | 3,120 | 2,168 | 1,897 | * | | | | 5,121 | |
| Cost, Dollars | ####### | \$14,468.72 | \$10,417.84 | \$12,381.18 | \$13,421.18 | \$5,141.58 | \$2,480.22 | -\$1,177.19 | * | | | | \$9,002.08 | \$72,016.65 |
| Fuel Oil | | | | | | | | | | | | | | |
| Total, Gals. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average, Gals./Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | |
| Cost, Dollars | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | 0 | \$0.00 |
| Water | | | | | | | | | | | | | | |
| Total, Gals. | 315,000 | 180,833 | 479,167 | 261,819 | 397,181 | 350,000 | 246,000 | 345,000 | * | | | | 321,875 | 2,575,000 |
| Average, Gal./Day | 10,161 | 6,458 | 15,457 | 8,727 | 12,812 | 11,667 | 7,935 | 11,129 | * | | | | 10,543 | |
| Cost, Dollars | \$3,953.62 | \$2,566.33 | \$5,651.11 | \$3,403.73 | \$4,803.37 | \$4,315.52 | \$3,240.16 | \$4,263.82 | * | | | | | \$32,197.66 |
| Spring Creek Pump Station | | | | | | | | | | | | | | |
| Electric | | | | | | | | | | | | | | |
| Total, kwH | 36,160 | 52,160 | 55,040 | 85,120 | 96,960 | 79,360 | 64,960 | 53,440 | 50,240 | | | | 63,716 | 573,440 |
| Average, kwH/Day | 1,166 | 1,863 | 1,775 | 2,837 | 3,128 | 2,645 | 2,095 | 1,724 | 1,675 | | | | 2,101 | 373,440 |
| Cost, Dollars | \$2,617.50 | \$3,866.14 | \$3,752.30 | \$6,514.96 | \$7,873.63 | \$6,791.79 | \$5,832.00 | \$4,878.26 | \$4,313.52 | | | | \$5,160.01 | \$46,440.10 |
| Fuel Oil | 42,017.50 | +5,000 | 43,732.30 | 40,51 1150 | 47,075.05 | 40,731173 | 45,032.00 | + 1,070.20 | + 1,0 10102 | | | | 43,100.01 | 4 10, 1 10110 |
| Total, Gals. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average, Gals./Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | |
| Cost, Dollars | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | \$0.00 | \$0.00 |
| Water | | | | | | | | | | | | | | |
| Total, Gals. | 25,000 | 39,000 | 106,000 | 79,333 | 224,667 | 140,000 | 79,944 | 81,523 | * | | | | 96,933 | 775,467 |
| Average, Gal./Day | 806 | 1,393 | 3,419 | 2,644 | 7,247 | 4,667 | 2,579 | 2,630 | * | | | | 3,173 | 773,407 |
| Cost, Dollars | \$334.49 | \$479.25 | \$1,172.03 | \$896.29 | \$2,399.05 | \$1,523.59 | \$902.61 | \$918.94 | * | | | | \$1,078.28 | \$8,626.25 |
| Market Street Pump Station | | | | | | | | | | | | | | |
| Electric | | | | | | | | | | | | | | |
| Total, kwH | 1,200 | 1,200 | 1,080 | 960 | 1,080 | 840 | 960 | 480 | 600 | | | | 933 | 8,400 |
| Average, kwH/Day | 39 | 43 | 35 | 32 | 1,080 | 28 | 31 | 480 15 | 20 | | | | 933 | 8,400 |
| Cost,Dollars | \$207.27 | \$123.51 | \$121.40 | \$237.38 | \$146.40 | \$66.71 | \$77.82 | -\$23.33 | -\$23.01 | | | | \$103.79 | \$934.15 |
| Fuel Oil | 4207.27 | \$123.31 | \$121.40 | \$237.30 | ¥140.40 | 400.71 | ¥77.02 | -425.55 | -\$25.01 | | | | \$105.75 | ¥254.15 |
| Total, Gals. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 |
| Average, Gals./Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | |
| Cost, Dollars | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | \$0.00 | \$0.00 |
| City Island Pump Station | | | | | | | | | | | | | | |
| Electric | | | | | | | | | | | | | | |
| Total, kwH | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 0 | 40 | | | | 36 | 320 |
| Average, kwH/Day | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | | | | 1 | |
| Cost, Dollars | \$63.36 | \$54.75 | \$61.50 | \$63.19 | \$56.52 | \$53.56 | \$50.70 | \$37.77 | \$47.95 | | | | \$54.37 | \$489.30 |
| | | | | | | | | | | | | | | |

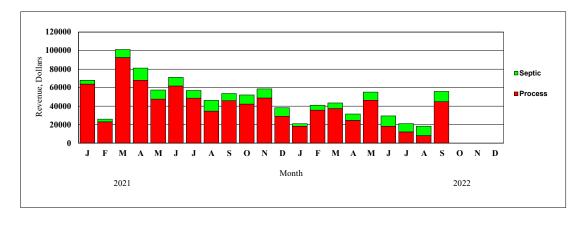


EXHIBIT G

CAPITAL REGION WATER ADVANCED WASTEWATER TREATMENT FACILITY

Contract Waste Hauling Program 2021 - 2022

| | Proc | ess | Sep | tic | Total | | | |
|------------------------|------------|--------------|-----------|----------------------------|------------|--------------------|--|--|
| Month | Gallons | Revenue | Gallons | Revenue | Gallons | Revenue | | |
| | | | | | | | | |
| January | 2,207,599 | \$63,748.15 | 118,100 | \$4,255.20 | 119,200 | \$68,003.35 | | |
| February | 765,460 | \$23,088.42 | 81,060 | \$2,864.16 | 846,520 | \$25,952.58 | | |
| March | 3,321,165 | \$92,510.78 | 239,250 | \$8,559.00 | 3,560,415 | \$101,069.78 | | |
| April | 2,345,220 | \$67,928.04 | 366,960 | \$13,093.56 | 2,712,180 | \$81,021.60 | | |
| May | 1,571,220 | \$47,547.72 | 278,050 | \$9,883.80 | 1,489,270 | \$57,431.52 | | |
| June | 2,116,390 | \$61,668.09 | 265,920 | \$9,380.70 | 2,382,340 | \$71,048.79 | | |
| July | 1,683,380 | \$48,625.56 | 233,900 | \$8,366.40 | 1,917,280 | \$56,991.96 | | |
| August | 1,157,030 | \$34,517.61 | 327,260 | \$11,655.36 | 1,484,290 | \$46,172.97 | | |
| September | 1,591,020 | \$45,863.64 | 220,840 | \$7,779.24 | 1,811,860 | \$53,642.88 | | |
| October | 1,495,740 | \$42,324.00 | 273,850 | \$9,786.60 | 1,769,590 | \$52,110.90 | | |
| November | 1,667,580 | \$48,803.22 | 277,250 | \$9,864.00 | 1,944,830 | \$58,667.22 | | |
| December | 988,550 | \$29,082.69 | 253,150 | \$9,041.40 | 1,241,700 | \$38,124.09 | | |
| | | | | | | _ | | |
| Total - 2021 | 20,910,354 | \$605,707.92 | 2,935,590 | \$104,529.42 | 21,279,475 | \$710,237.64 | | |
| Monthly Average - 2021 | 1,742,530 | \$50,475.66 | 244,633 | \$8,710.79 | 1,773,290 | \$59,186.47 | | |
| | | | | | | | | |
| 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 | \$10,209.00 \$11,046.60 | 1,901,590 | \$55,870.65 | | |
| October | 1,569,990 | \$44,024.US | 311,000 | \$11,040.00 | 1,901,590 | \$33,670.03 | | |
| | | | | | | | | |
| November | | | | | | | | |
| December _ | | | | | | | | |
| Total - 2022 | 8,284,827 | \$245,759.37 | 2,005,425 | \$71,137.70 | 10,290,162 | \$316,897.17 | | |
| Monthly Average - 2022 | 920,536 | \$27,306.60 | 222,825 | \$7,904.19 | 1,143,351 | \$35,210.80 | | |



CWH2022-G 13