

# BRISTOL COUNTY WATER AUTHORITY

## Board of Directors Meeting

Wednesday, December 16, 2020 4:30 pm

Meeting by Zoom Audio-Visual Teleconference  
Pursuant to Executive Order 20-05, March 16, 2020  
Third Supplemental Emergency Declaration –  
Public Meeting and Public Records Requests

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### AGENDA

1. Call to Order
2. Public Input
3. Rate Study Preliminary Presentation – NewGen Strategies
4. Pawtucket Pipeline Phase 2 Presentation on Proposed Route - BETA Group
5. BETA Task Order Addendum Pawtucket Pipeline Phase 1: Construction Administration Services
6. Minutes
  - i. 11/12/20 – Personnel/Compensation Committee
  - ii. 11/18/20 – Board Meeting
  - iii. 11/19/20 – Special Board Meeting
  - iv. 11/24/20 – Special Board Meeting
  - v. 11/30/20 – Special Board Meeting
  - vi. 12/4/20 – Special Board Meeting
7. Executive Director Report
8. Financial Report
9. Pare Task Order Addendum: Inspections Services for 2020 Cleaning and Lining Project
10. Finance Committee
  - i. FY2022 Draft Capital Budget
  - ii. FY2022 Draft Operations and Maintenance Budget
  - iii. Draft 10 Year Financial Plan
11. Executive Session
  - i. Hope St. Tank Site Litigation Pursuant to RIGL 42-46-5(a)(2)
12. Next Scheduled Meeting(s):
  - i. Board Meeting 1/28/2021
13. Adjournment

PUBLIC ACCESS TO MEETING – ZOOM or DIAL-INTO CONFERENCE

Join Zoom Meeting

<https://us02web.zoom.us/j/88415228253?pwd=UVNlVm9WVlRlRDlPYUNrVm80OEQvQT09>

Meeting ID: 884 1522 8253

Passcode: 772861

One tap mobile

+13017158592,,88415228253#,,,,,0#,,772861# US (Washington D.C)

+13126266799,,88415228253#,,,,,0#,,772861# US (Chicago)

Dial by phone

+1 929 436 2866 US (New York)

Individuals requiring interpreters for the hearing impaired must notify the Bristol County Water Authority, (401) 245-2033, not less than 48 hours in advance of the meeting.

**Agenda Posted 12/10/20**

1. Secretary of State Website
2. BCWA Main Office Bulletin Board
3. BCWA Operations Department Bulletin Board
4. BCWA Website bcwari.com

**Agenda Sent Via Email 12/10/20 for Posting on Public Bulletin Boards**

1. Barrington Town Hall
2. Bristol Town Hall
3. Warren Town Hall



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**BRISTOL COUNTY WATER AUTHORITY**

**MEMO**

Date: December 10, 2020

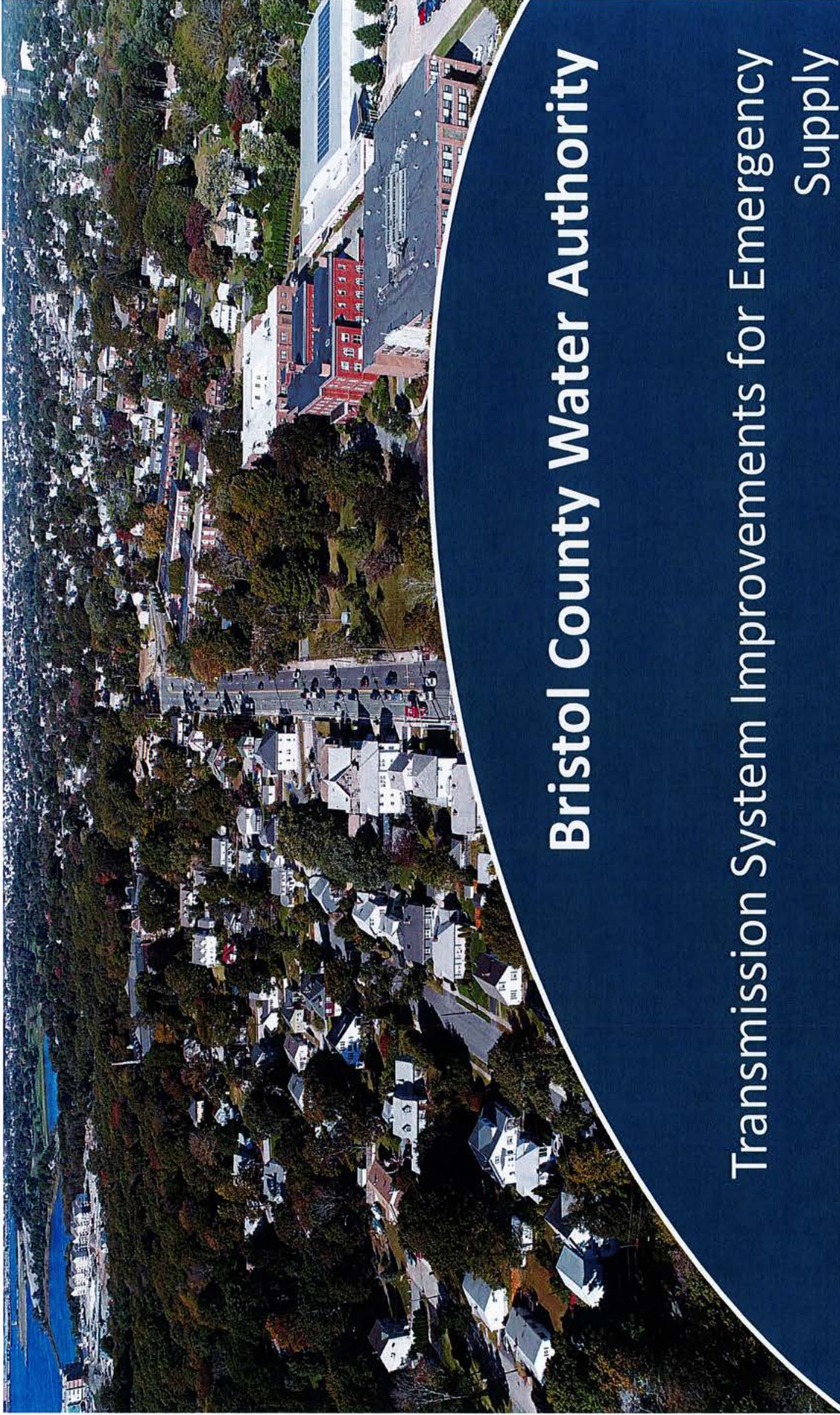
To: BCWA Board Members

From: Pamela M. Marchand

RE: Pawtucket Pipeline Presentation on Proposed Route – BETA Group

Attached is a copy of the PowerPoint to be presented by BETA.





# Bristol County Water Authority

## Transmission System Improvements for Emergency Supply

Pawtucket Pipeline Phase II

December 2020





# Project Background

## Providence Water Supply Board

- Both BCWA and East Providence get their water from Providence Water through separate cross-bay pipelines
- Neither water system has a backup water supply, as both are completely reliant upon Providence Water
- Insufficient system redundancy

## East Providence

- (2) 32" steel water mains crossing the Providence River, installed in 1967
- Pipes are situated on the bottom of the river

## BCWA

- 24" steel main installed in bedrock in 1998

## Existing Interconnection

- 16" interconnection
  - Insufficient size to meet either systems water demand
  - Not a transmission main





# Why is Redundancy Important?

## Water Main Break - Providence

- Significant impacts to both E. Providence and BCWA Water Systems
- Both systems could be without water due to nature of break

## Water Main Break – E. Providence or BCWA River Crossing

- Significant impacts to the water system break occurs in
- Water system likely without water due to nature of the break
- Extremely difficult repair to complete

## Water Main Break (2019)





# PROJECT GOALS

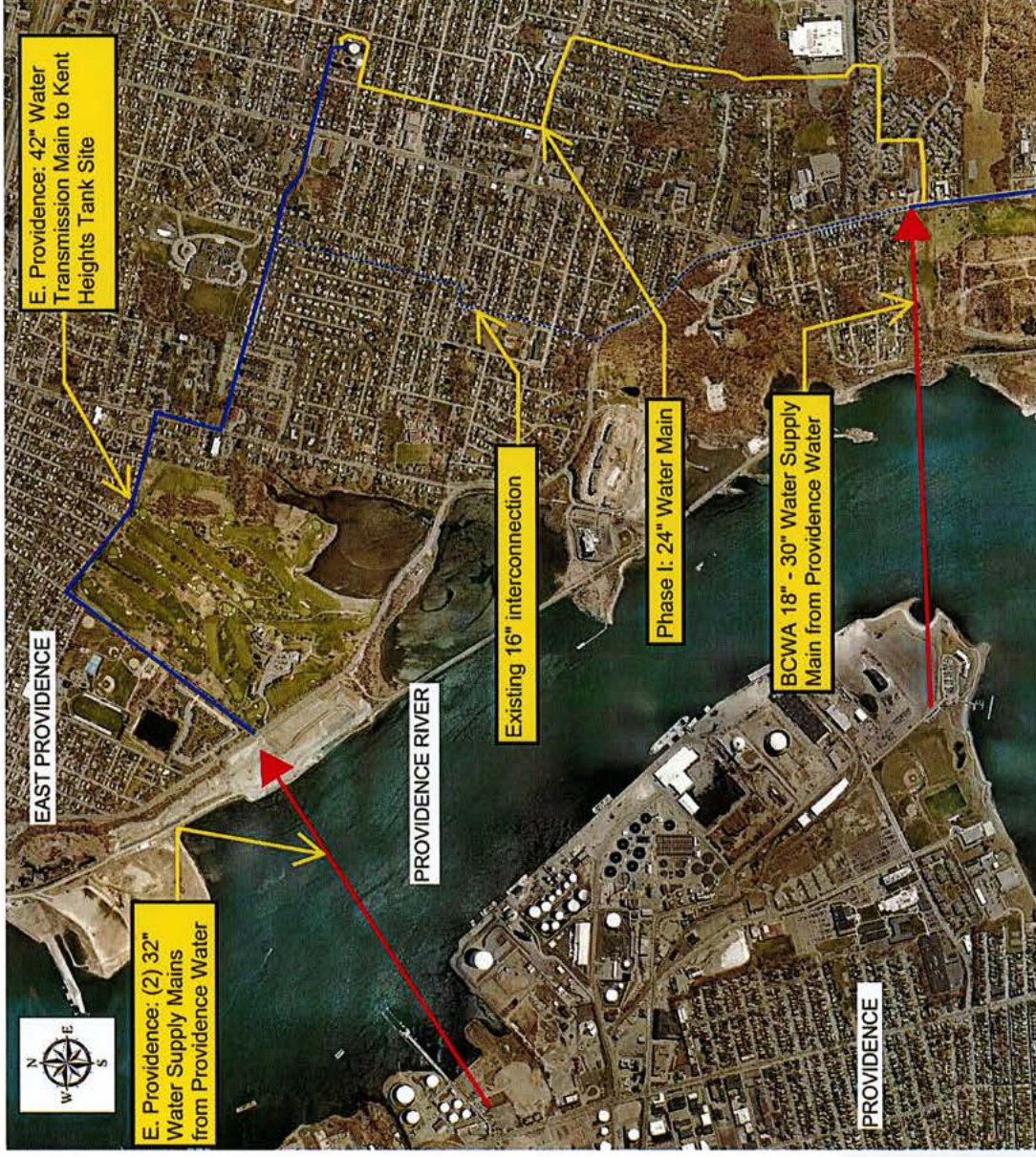
Project Goals – Create water system redundancy to ensure a continued supply of water should something happen to the supply from Providence Water or the cross-bay pipelines.

- Phase 1 – Establishes an interconnection between BCWA and E. Providence water systems.
  - Contract Bid and Awarded in Sept. 2020 – C.B. Utility Comp., Inc.
  - Allows for the inspection and condition assessment of the cross-bay pipelines.
  - Allows for the rehabilitation of the pipelines if needed.
- Phase 2 – Establishes an interconnection with Pawtucket's water system, providing for a second water supply to both BCWA and E. Providence.
  - Allows for the continued supply of water to both E. Providence and BCWA in the event of a major supply interruption in Providence, Pawtucket or the cross-bay pipelines.



## Phase 1

- Establishes a large diameter interconnection between BCWA and East Providence water systems
- Allows for inspection and condition assessment of the cross-bay pipelines to Providence Water
- Allows for the rehabilitation of the pipelines if warranted
- Contract was just bid and award
- Scheduled to be active and online by the end of 2021

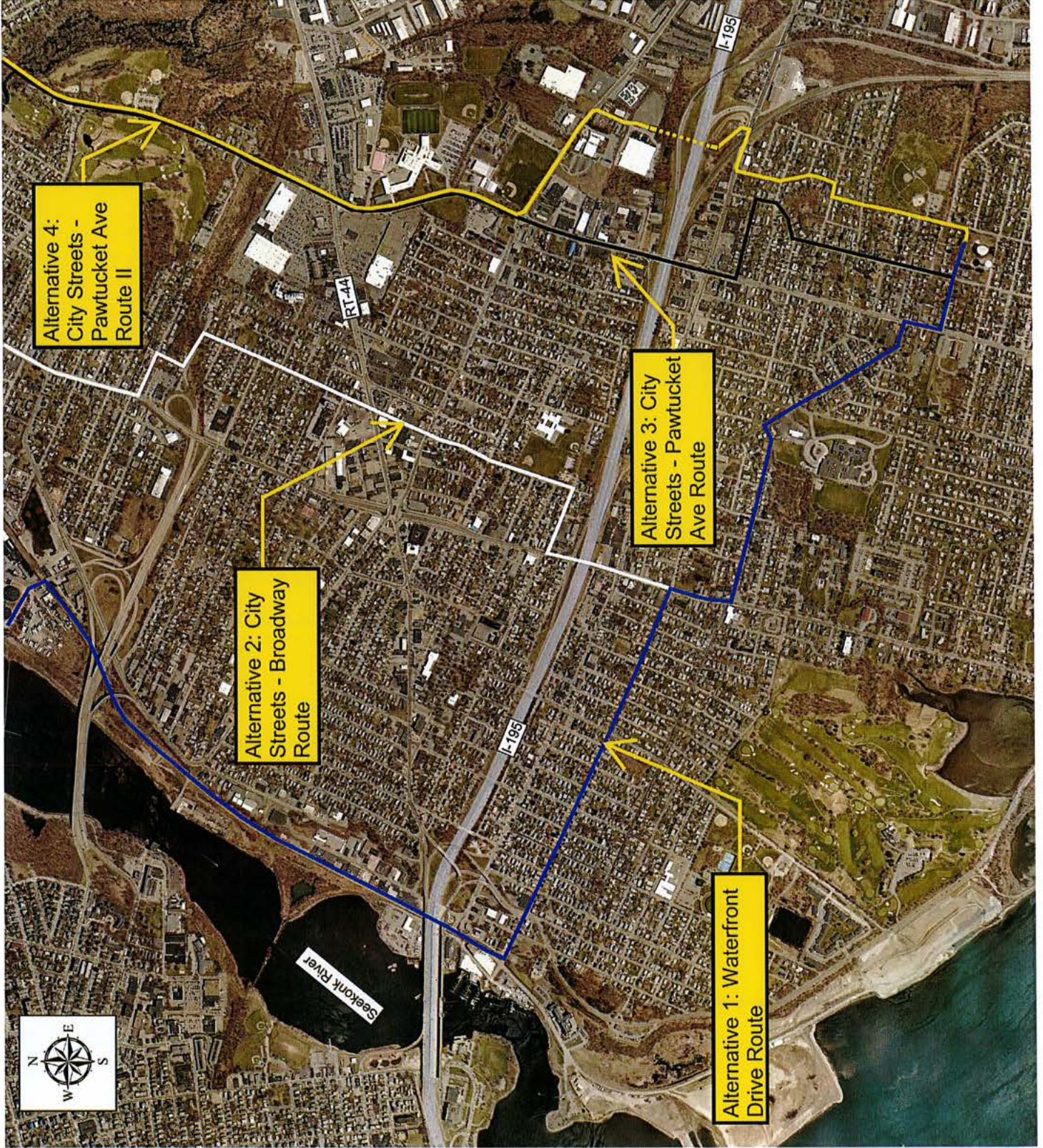




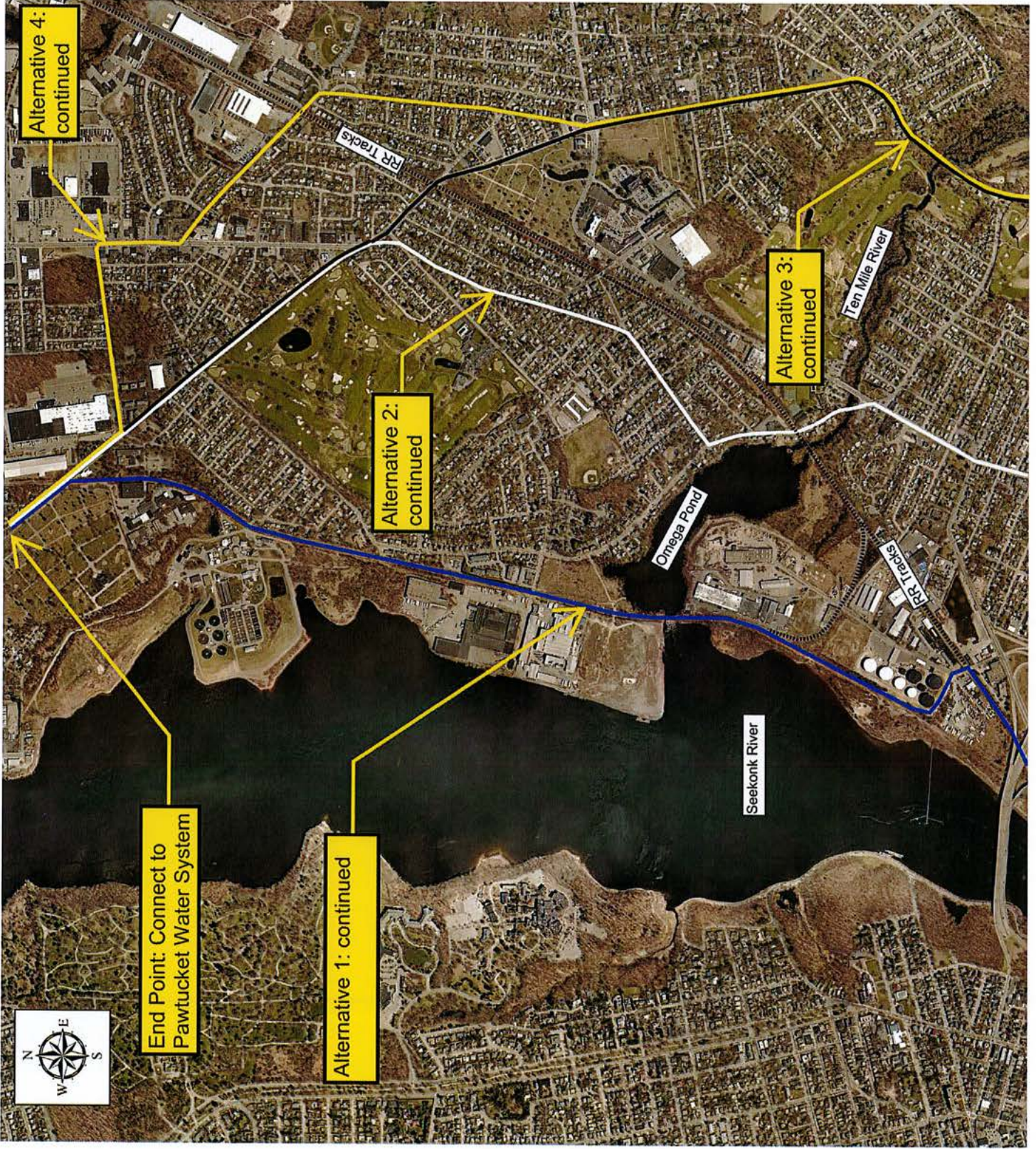
# PHASE 2 ALTERNATIVES

- BETA evaluated 4 alternatives for the routing of a new dedicated 24"/30" water transmission main that will connect the BCWA and East Providence interconnection at Kent Heights to the Pawtucket water system (Approx. 25,600 linear feet).
- BETA and BCWA met with E. Providence in early 2020 to discuss a number of these alternatives. BETA was requested to complete an alternatives analysis of up to 4 routes.
- These four alternatives will be discussed today.
- Decide on a routing alternative and move forward with the project design.







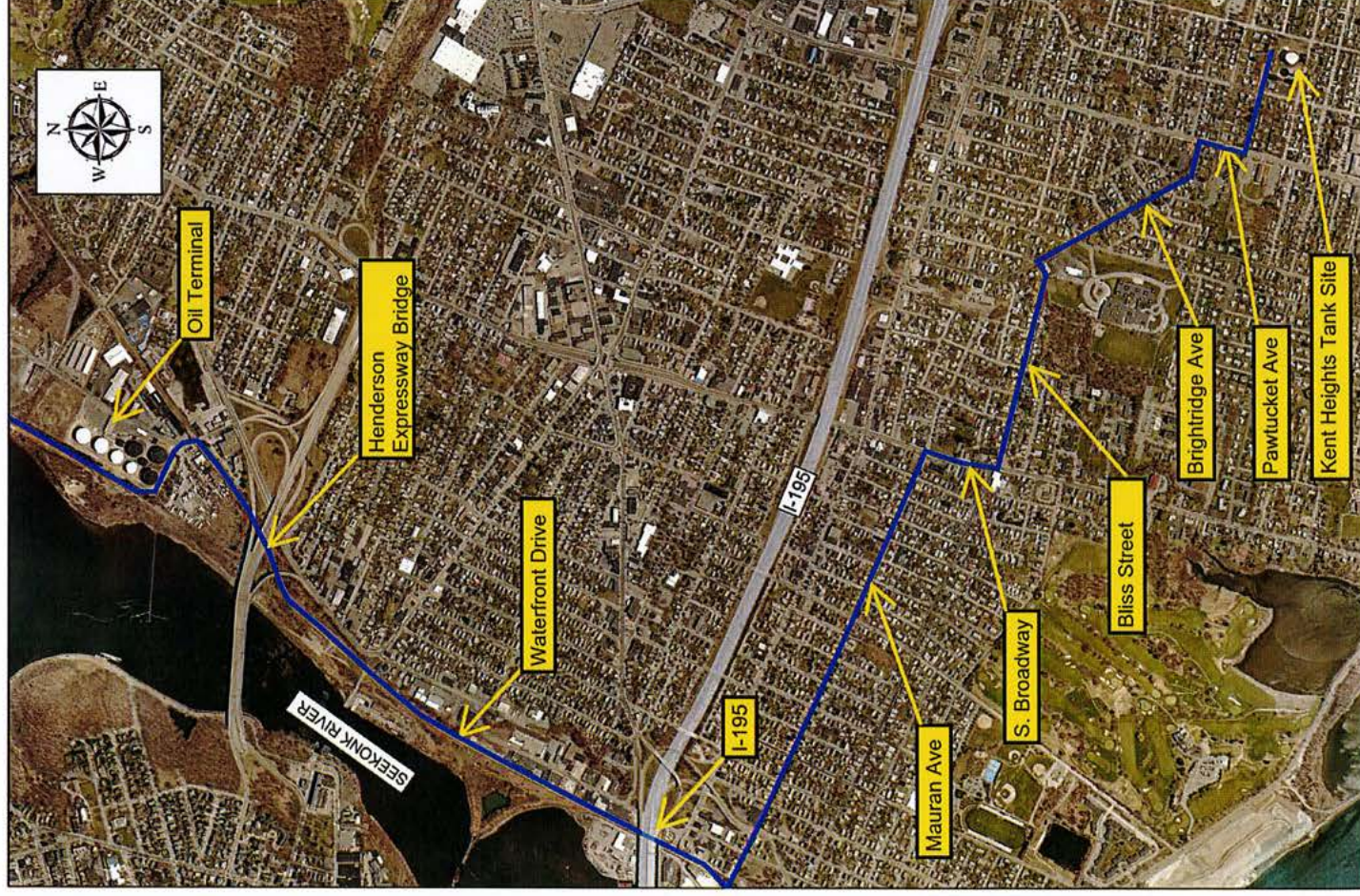




## Alternative 1 – Waterfront Drive Route

### ROUTING ALIGNMENT

- Kent Heights to Pawtucket Avenue
- Brightbridge Avenue and Bliss Street to S. Broadway
- Mauran Avenue to Waterfront Drive
- Beneath the I-195 Overpass (Washington Bridge)
- Waterfront Drive
- Beneath the Henderson Expressway Bridge
- Dexter Road (Industrial Facilities)



**BETA**

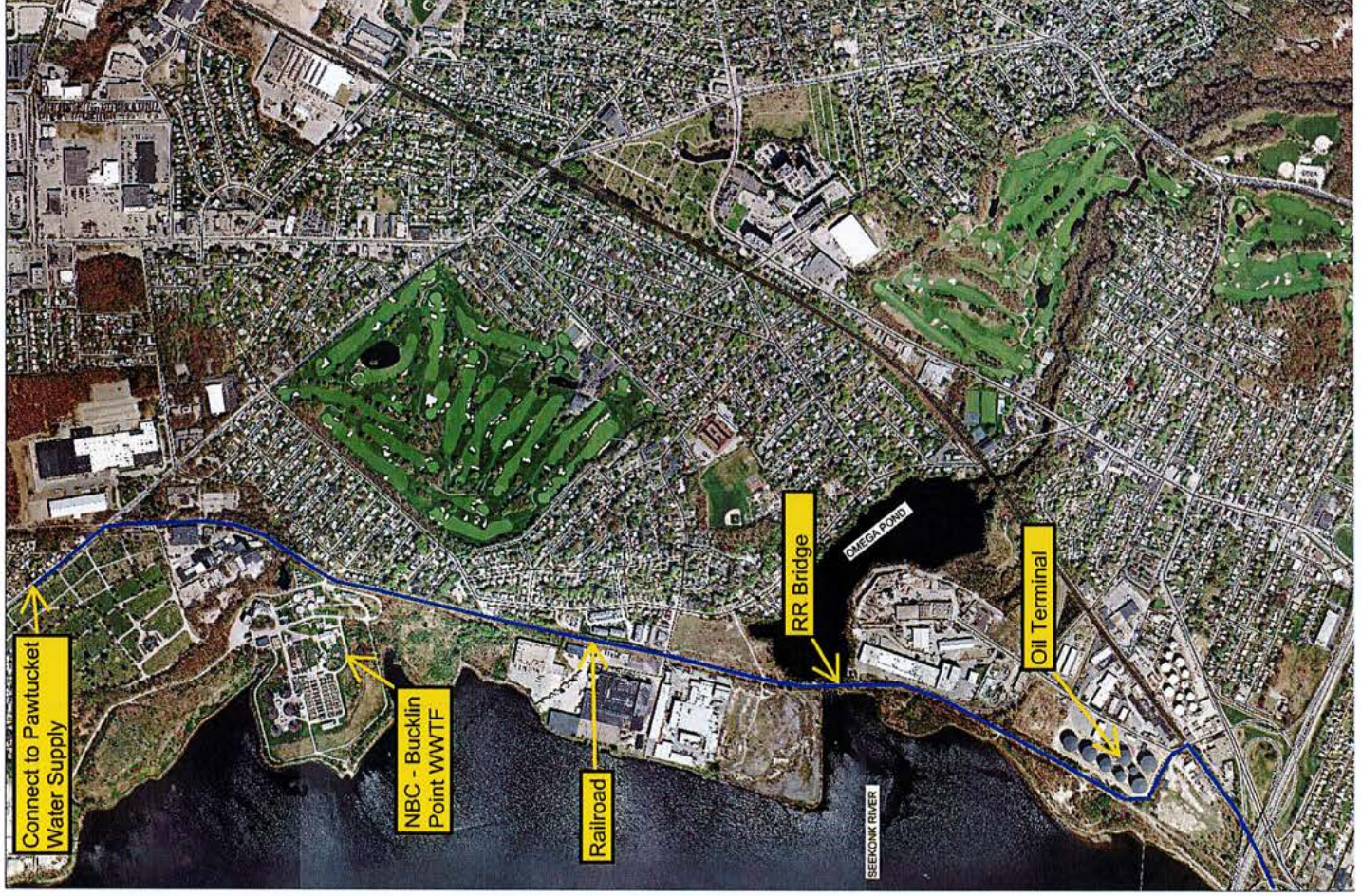


## Alternative 1 – Waterfront Drive Route Cont.

### ROUTING ALIGNMENT

- Dexter Road (Industrial Facilities)
- Within the RR R.O.W
- Omega Pond RR Bridge
- Original Concept utilized the Waterfront Drive extension corridors (Phase II and III)
- Pawtucket Avenue
- Connection to Pawtucket Water

**Total Length: 27,300 linear feet (5.2 miles)**

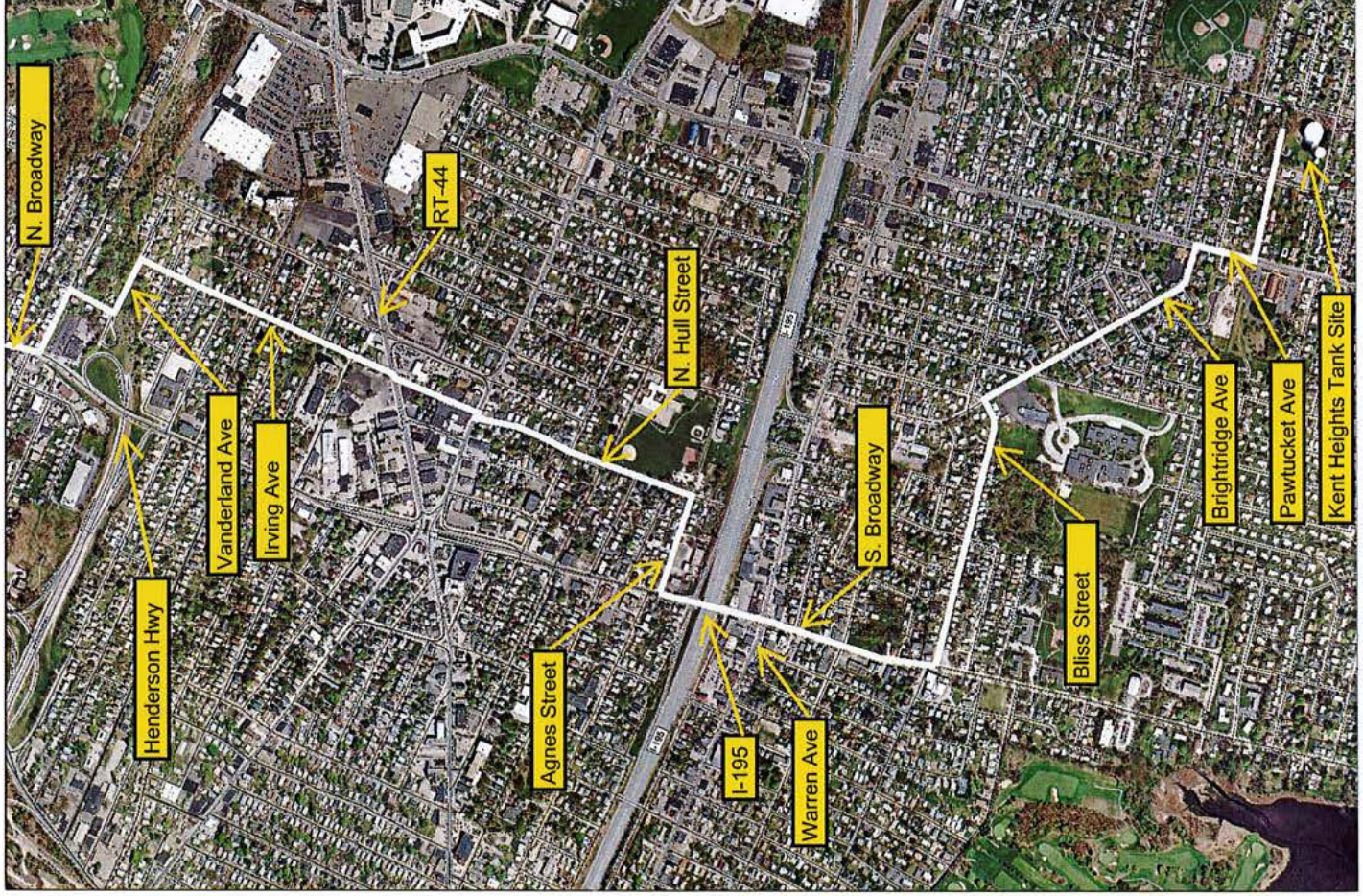




## Alternative 2 – Broadway Route/City Streets

### ROUTING ALIGNMENT

- Kent Heights to Pawtucket Avenue
- Brightridge Avenue and Bliss Street to S. Broadway
- Broadway/Warren Ave (RT 103) Intersection
- Beneath the I-195 Overpass
- Agnes Street to North Hull Street
- North Hull/Taunton Ave (RT 44) intersection
- Irving Avenue, Vanderland Avenue to N. Broadway



**BETA**

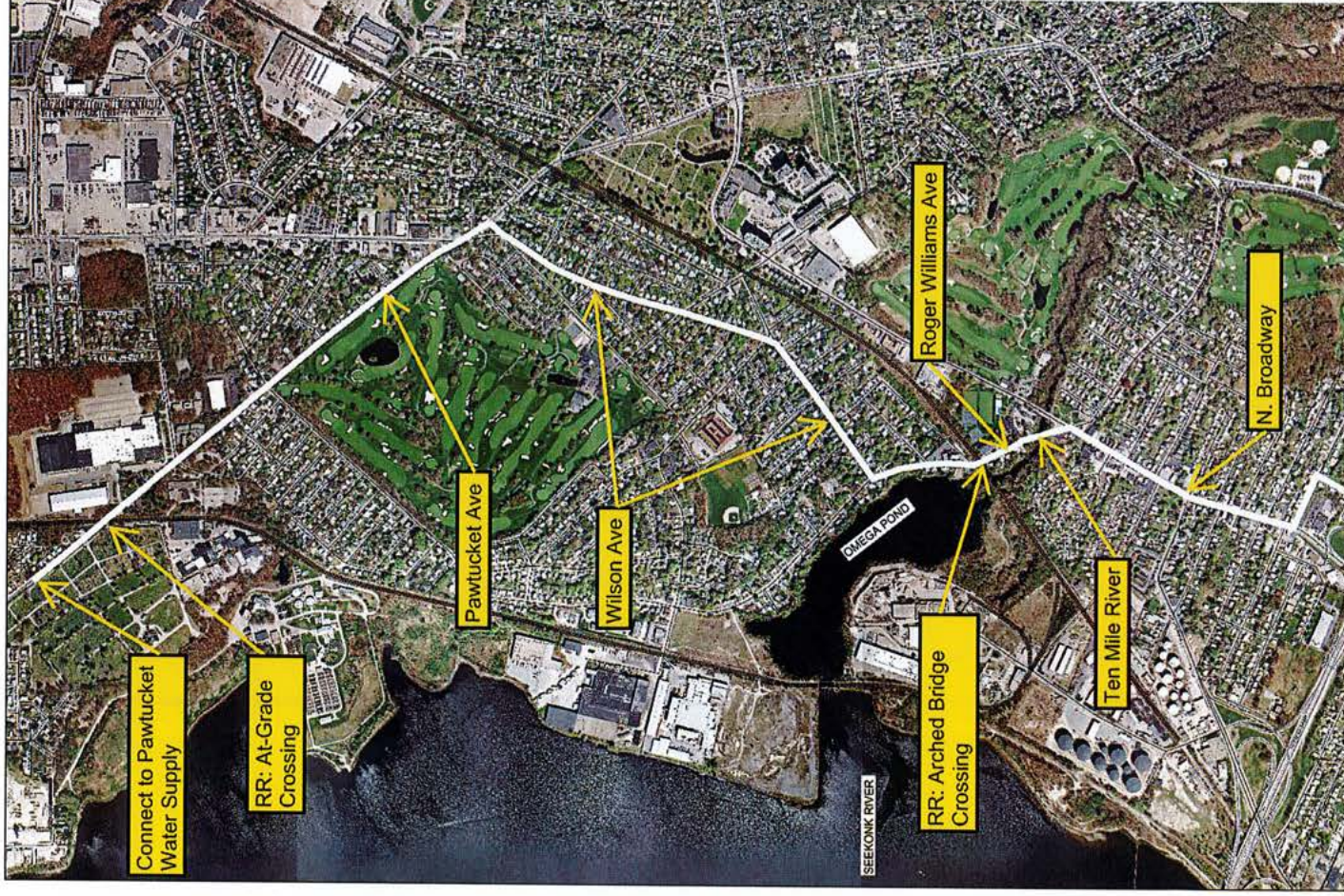


## Alternative 2 – Broadway Route/City Streets

### ROUTING ALIGNMENT

- N. Broadway to Roger Williams Ave
- Ten Mile River Crossing (Roger Williams Ave.)
- RR Crossing – Arched Bridge beneath RR Tracks
- Wilson Ave to Pawtucket Avenue
- Pawtucket Avenue
- RR Crossing – At Grade
- Connection to Pawtucket Water

**Total Length: 26,200 linear feet (5 miles)**



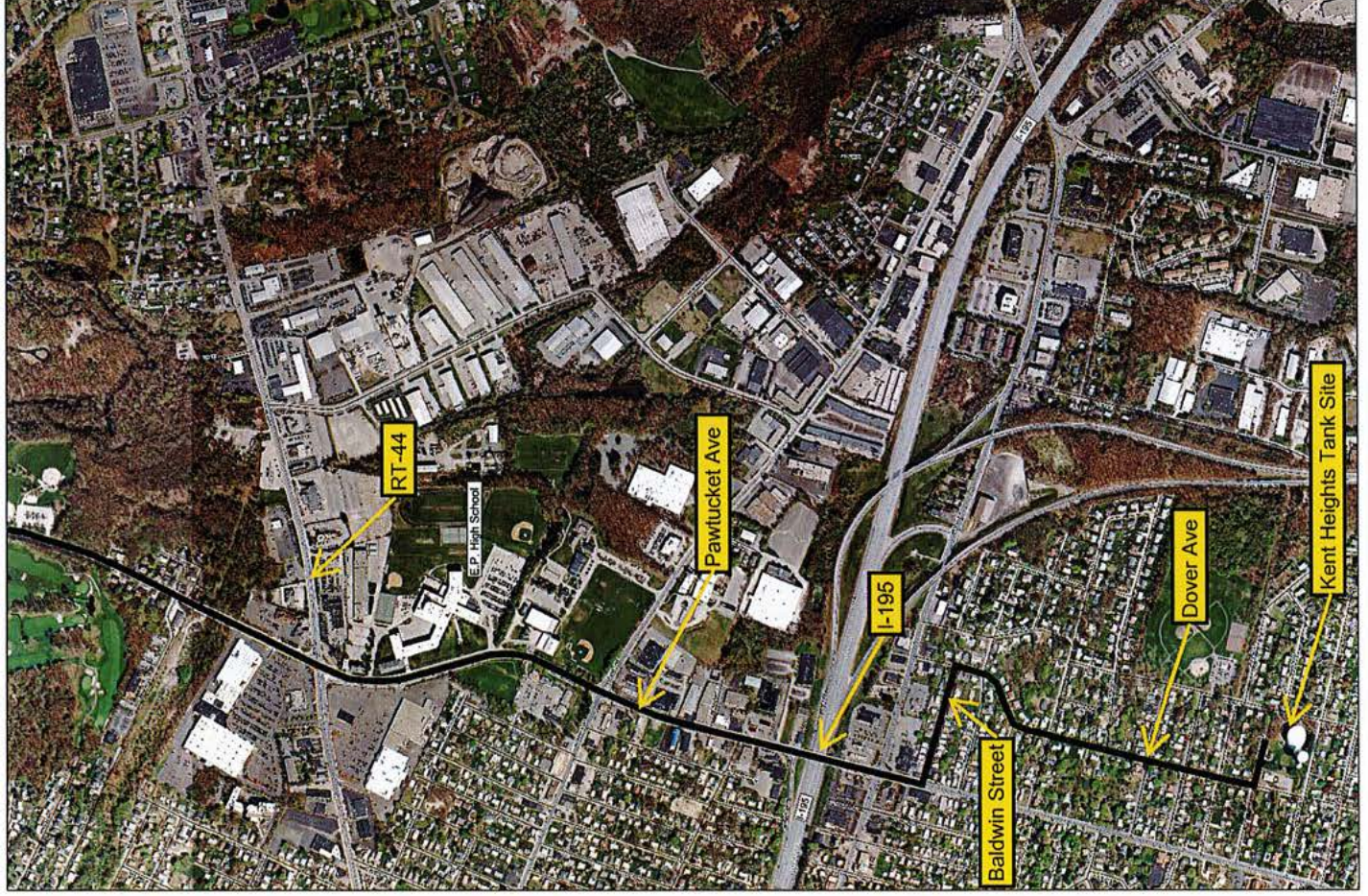
**BETA**



## Alternative 3 – Pawtucket Route/City Streets

### ROUTING ALIGNMENT

- Kent Heights, Dover Ave to Pawtucket Avenue
- Pawtucket/Warren Ave (RT 103) Intersection
- Pawtucket Ave Bridge Over I-195
- Pawtucket Avenue to RT-44
- Continue northerly up Pawtucket Avenue



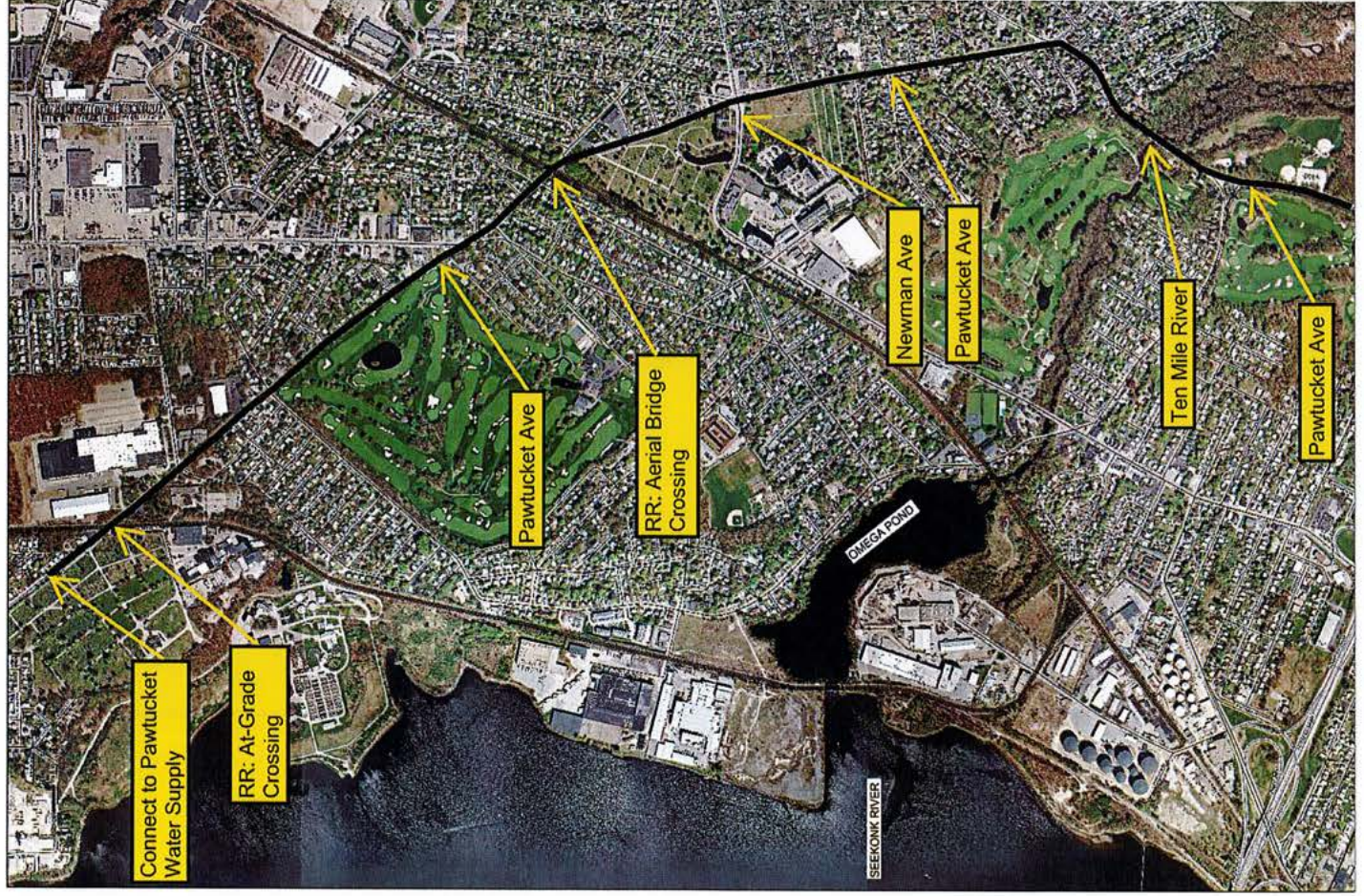


## Alternative 3 – Pawtucket Route/City Streets

### ROUTING ALIGNMENT

- Continue northerly up Pawtucket Avenue
- Ten Mile River Crossing (Cole's Bridge)
- Continue on Pawtucket to Newman Ave
- RR Crossing – Bridge Over RR Tracks
- Pawtucket Avenue
- RR Crossing – At Grade
- Connection to Pawtucket Water

**Total Length: 23,200 linear feet (4.4 miles)**



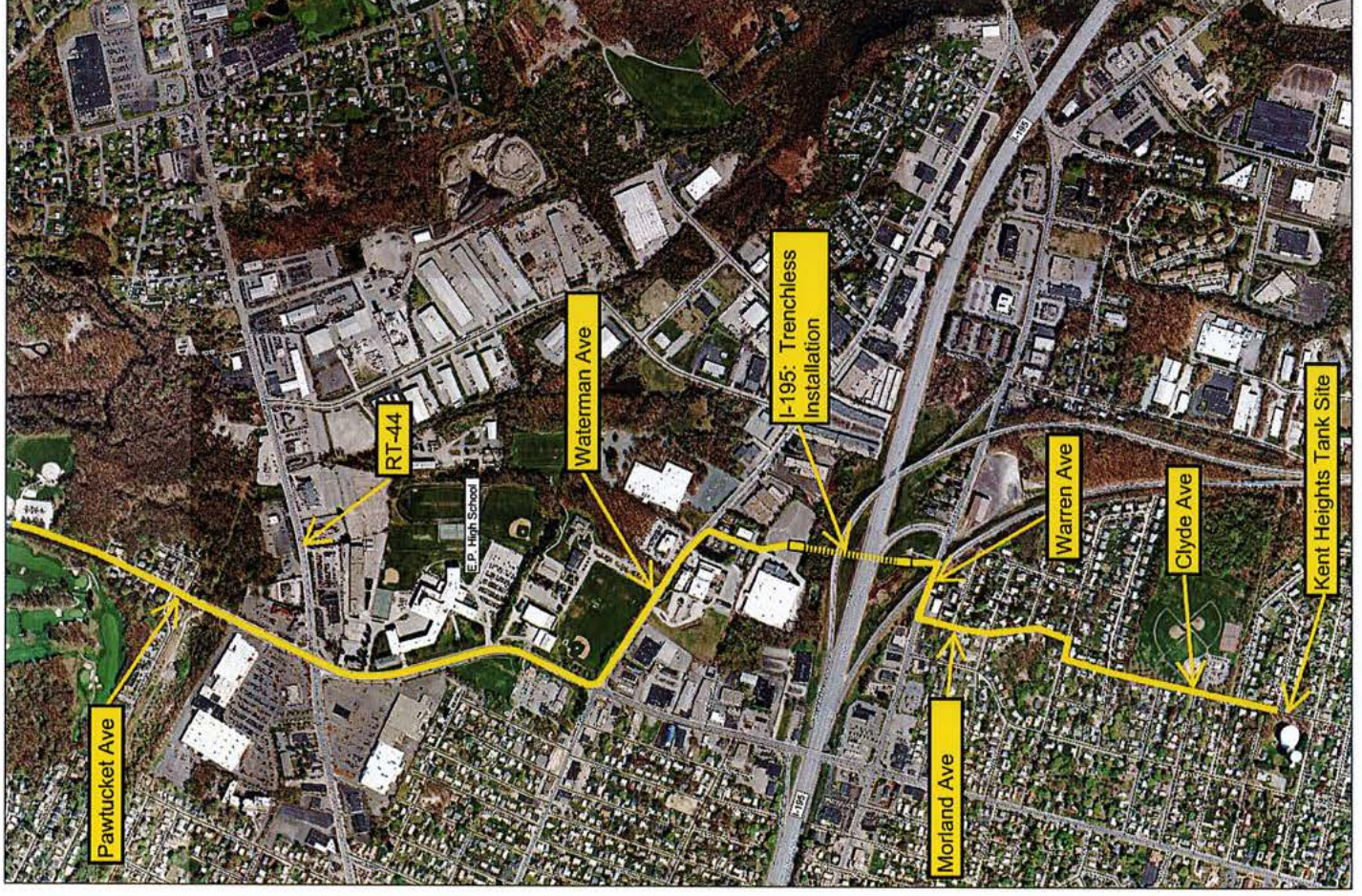
**BETA**



## Alternative 4 – Pawtucket Route II/City Streets

### ROUTING ALIGNMENT

- Kent Heights, Clyde Ave, Morland Ave to Warren Ave
- I-195 Crossing (Trenchless Installation)
- Parking lot to Waterman Ave
- Watermen Ave to Pawtucket Ave
- Pawtucket Avenue to RT-44
- Continue northerly up Pawtucket Avenue



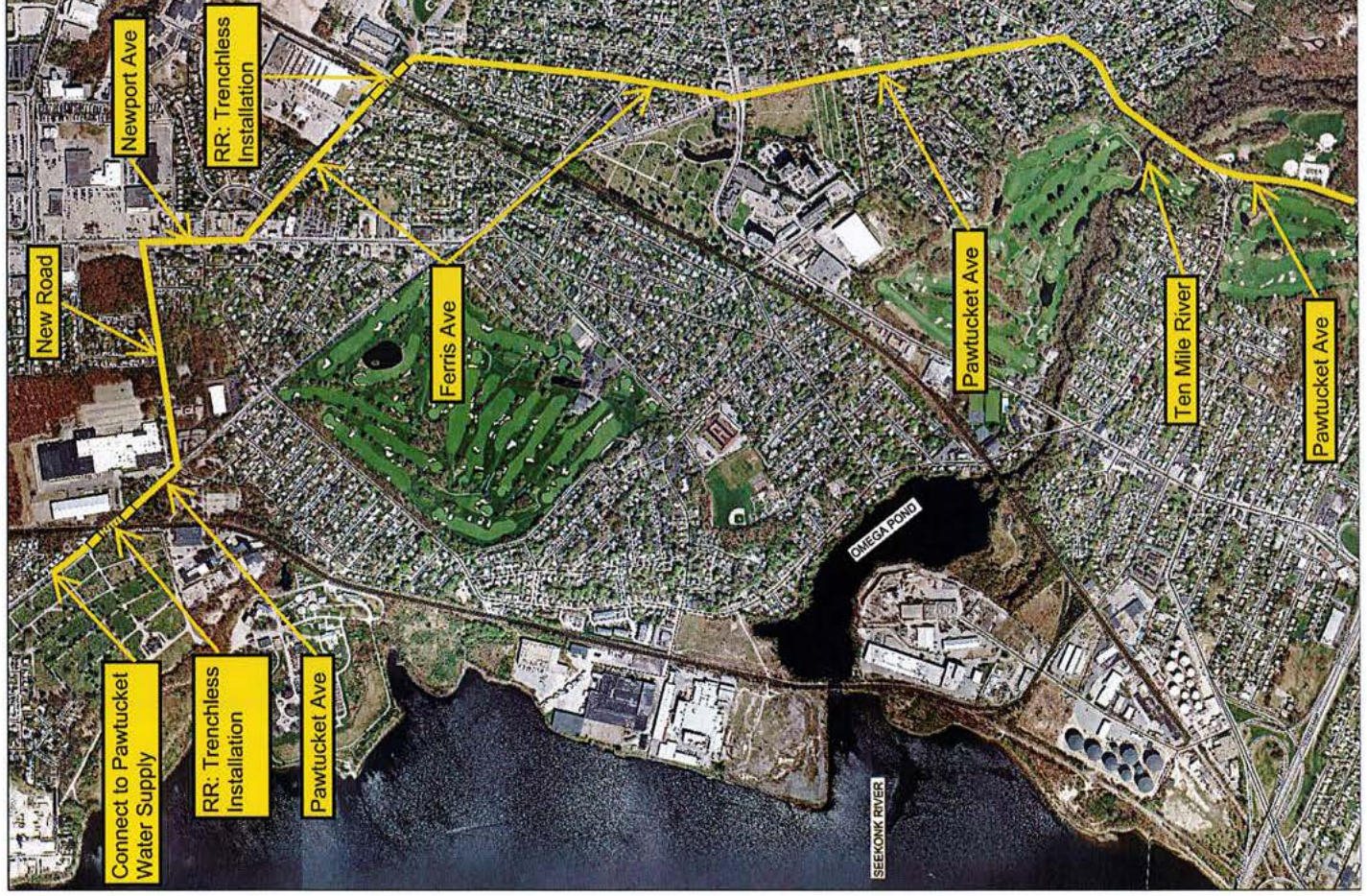


## Alternative 4 – Pawtucket Route II/City Streets

### ROUTING ALIGNMENT

- Continue northerly up Pawtucket Avenue
- Ten Mile River Crossing (Cole's Bridge)
- Continue on Pawtucket to Newman Ave
- Ferris Ave
- RR Crossing – At Grade
- Newport Avenue to New Road
- New Road to Pawtucket Ave
- RR Crossing – At Grade
- Connection to Pawtucket Water

**Total Length: 25,700 linear feet (4.9 miles)**





# Summary of Alternatives

## BCWA - PAWTUCKET PIPELINE PHASE II EVALUATION OF ALTERNATIVES

ALTERNATIVE	DESCRIPTION	Approx. Pipe Length (ft.)	PROS	CONS
1	Waterfront Drive/RR Option	27,300	Waterfront Drive Constructability I-195 Crossing beneath overpass Minimizes Traffic and business impacts	Oil Terminal contamination Railroad ROW permitting, easements, constructability, and Omega Pond RR Bridge Permitting - DOT Permitting - Railroad Permitting - CRMC Permitting - DEM (Soil Contamination)
2	City Street - Broadway	26,200	Pipe Remains in the R.O.W Portions of the Project on less traveled roads (N. Hull St. and Wilson Ave)	Crossing of I-195 on Broadway Major Traffic impacts Bridge crossing of Ten Mile River RR Crossing - Arched bridge Permitting - DOT Permitting - Railroad
3	City Streets - Pawtucket Ave	23,200	Shortest path Pipe Remains in the R.O.W	Aerial Bridge Crossing of I-195 Crossing of Ten Mile River Aerial Bridge RR Crossing on Pawtucket Ave Almost entirely on Pawtucket Avenue Traffic impacts Permitting - DOT Permitting - Railroad
4	City Streets II - Pawtucket Ave	25,700	Minimizes traffic related impacts crossing I-195 Allows for At-grade crossing of RR tracks Pipe mostly Remains in the R.O.W Avoids large sections of Pawtucket Ave	Crossing of Ten Mile River Permitting - DOT Permitting - Railroad



**Meeting of the Personnel/Compensation Committee of the  
BRISTOL COUNTY WATER AUTHORITY**

**Meeting by Zoom Audio-Visual Teleconference  
Pursuant to Executive Order 20-05, March 16, 2020  
Third Supplemental Emergency Declaration –  
Public Meeting and Public Records Requests**

**Thursday, November 12, 2020  
450 Child Street, Warren Office, Warren, RI**

The committee meeting was called to order at 4:20 pm by Committee Chairman John Jannitto

Committee members in attendance: John Jannitto, Allan Klepper and Juan Mariscal  
Committee members Absent: None

Present by Zoom – Directors George Champlin, William Gosselin, Robert Martin,  
Georgina Macdonald, Tom Kraig, Christopher Stanley

Also present – Executive Director Pamela Marchand, Manager of Finance Mark  
Champagne and Manager of Customer Services/Purchasing Joseph Granata and Legal  
Counsel Joseph Keough

**1. Executive Session**

Board Chairman Klepper made the following motion seconded by Director Mariscal

**MOTION: To go into Executive Session i. Discussion related to Job Performance  
and Character of Executive Director Pursuant to RIGL 42-46-5(a)(1) ii. Investment of  
Public Funds related to Executive Director Position Pursuant to RIGL 42-46-5(a)(7)**

Legal Counsel J. Keough stated that the persons to be discussed in Executive Session  
for job performance and character have been notified of their right to have the  
discussion take place in open session. None of those persons have requested to have  
those discussions take place in open session.

**Motion passed unanimously by hand Vote.**

The Board entered Executive Session at 4:29 pm.

The Board returned to open session at 5:15 pm.

**Motion to seal the Executive Session Minutes and adjourn the meeting passed  
unanimously.**

Personnel Committee Meeting adjourned at 5:15 pm.

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George Champlin  
Secretary



# **MINUTES OF THE BOARD MEETING OF THE BRISTOL COUNTY WATER AUTHORITY**

## **Meeting by Zoom Audio-Visual Teleconference Pursuant to Executive Order 20-05, March 16, 2020 Third Supplemental Emergency Declaration – Public Meeting and Public Records Requests**

**Wednesday, November 18, 2020**

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Pursuant to proper notice, the Board Meeting of the Bristol County Water Authority was called to order by Chairman Klepper at 4:15 pm by Zoom Audio-Visual Teleconference.

Executive Director Pamela Marchand, Legal Counsel J. Keough and the following Directors were in attendance at the commencement of the meeting

George Champlin, William Gosselin, John Jannitto, Allan Klepper, Thomas Kraig, Georgina Macdonald, Robert Martin, Christopher Stanley

Directors Absent: Juan Mariscal

### **1. Public Input**

There was no public input.

### **2. Minutes**

Director Macdonald made the following motion seconded by Director Jannitto

**MOTION: Approve the 10/8/20 Personnel Committee Meeting minutes.**  
**Motion passed unanimously.**

Director Jannitto made the following motion seconded by Director Gosselin

**MOTION: Approve the 10/15/20 Personnel Committee Meeting minutes.**  
**Motion passed unanimously.**

Director Jannitto made the following motion seconded by Director Gosselin

**MOTION: Approve the 10/20/20 Personnel Committee Meeting minutes.**  
**Motion passed unanimously.**

Director Martin made the following motion seconded by Director Stanley

**MOTION: Approve the 10/29/20 Board Meeting minutes.**  
**Motion passed unanimously.**

Director Jannitto made the following motion seconded by Director Gosselin

**MOTION: Approve the 11/5/20 Personnel Committee Meeting minutes.**  
**Motion passed unanimously.**



**3. Resolution for a New Bond Rate Lock to Replace the TD Bank Bond in an Amount of \$6.5MM**

Chairman Klepper introduced BCWA Bond Counsel Sandy Mack.

Bond Counsel S. Mack – BCWA issued a Bond in 2014 that was purchased by TD Bank with a rate of 2.390%. November 1, 2021 \$6,510,000 is due. Interest rates are now low so we will be refinancing this Bond. To do a closing now, BCWA has a prepayment penalty that's due, BCWA locked into a rate with the earlier bond. BCWA can lock into a rate now for 1 year, and then we can decide when we want to refinance the Bond.

A vote is needed tonight to enter into a Rate Lock Agreement with TD Bank. A full underwriting needs to be done by TD Bank. TD Bank will hold the rate for 1 year for a rate deposit of 3%.

Director Martin made the following motion seconded by Director Macdonald

**MOTION:** To approve the Resolution of the Board of Directors of the Bristol County Water Authority approving entering into a rate lock agreement in connection with the refinancing of the outstanding General Revenue Bonds 2014 Series B and the issuance of up to \$6,900,00 General Revenue Refunding Bonds, 2021 Series A therefore in an amount up to \$6,900,00.

Motion passed unanimously by hand vote.

**4. Executive Director Report**

Executive Director P. Marchand stated the leak on the pipeline has been found.

Operations Manager M. Crawford – the pipeline leak was found by using Smartball. A crack was found on the flange of the pipe, the amount of the leak is not an issue. It will take 3 weeks for a flange cover to be custom made for BCWA.

Executive Director P. Marchand stated the pipeline will not be shut down for the repair.

Director Martin requested a spreadsheet on the dam removal costs for the next Board Meeting.

**5. Financial Report**

Manager of Finance M. Champagne discussed the TD Bank 2014 loan.

**6. Update – Search for Executive Director**

Executive Director P. Marchand stated a second interview will be held tomorrow on zoom.

**7. Task Order for the 2021 Water Main Improvements – High Pressure Zone Expansion**

Director Jannitto made the following motion seconded by Director Martin

**MOTION:** To award Pare Corporation for a fee not to exceed \$74,275.

Motion passed unanimously.



**8. Quarterly Write-Offs – for Information Only**  
Information only.

**9. Executive Session**

Director Gosselin made the following motion seconded by Director Kraig

**MOTION: To go into Executive Session i. Hope St. Tank Site Pursuant to RIGL 42-46-5(a)(2) ii. Discussion related to Job Performance and Character of Executive Director Pursuant to RIGL 42-46-5(a)(1) iii. Investment of Public Funds related to Executive Director Position Pursuant to RIGL 42-46-5(a)(7)**

Legal Counsel J. Keough stated that the persons to be discussed in Executive Session for job performance and character have been notified of their right to have the discussion take place in open session. None of those persons have requested to have those discussions take place in open session.

**Motion passed unanimously by hand Vote.**

The Board entered Executive Session at 5:16 pm.

The Board returned to open session at 6:24 pm.

**10. Hope Street Tank site**

No votes needed for this item.

Director Martin made the following motion seconded by Director Gosselin

**MOTION: To seal the executive session minutes and adjourn the meeting.**  
**Motion passed unanimously**

The meeting was adjourned at 6:25 pm.

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George Champlin  
Secretary



**MINUTES OF THE SPECIAL BOARD MEETING  
OF THE BRISTOL COUNTY WATER AUTHORITY**

**Meeting by Zoom Audio-Visual Teleconference  
Pursuant to Executive Order 20-05, March 16, 2020  
Third Supplemental Emergency Declaration –  
Public Meeting and Public Records Requests**

**Thursday, November 19, 2020**

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Pursuant to proper notice, the Special Board Meeting of the Bristol County Water Authority was called to order by Chairman Klepper at 4:15 pm by Zoom Audio-Visual Teleconference.

Executive Director Pamela Marchand, Legal Counsel J. Keough and the following Directors were in attendance at the commencement of the meeting

George Champlin, William Gosselin, John Jannitto, Allan Klepper, Georgina Macdonald, Juan Mariscal, Robert Martin, Christopher Stanley

Directors Absent: Thomas Kraig

**1. Public Input**

There was no public input.

**2. Executive Session**

Board Chairman Klepper made the following motion seconded by Director Mariscal

**MOTION:** To go into Executive Session i. Discussion related to Job Performance and Character of Executive Director Pursuant to RIGL 42-46-5(a)(1) ii. Investment of Public Funds related to Executive Director Position Pursuant to RIGL 42-46-5(a)(7)

Legal Counsel J. Keough stated that the persons to be discussed in Executive Session for job performance and character have been notified of their right to have the discussion take place in open session. None of those persons have requested to have those discussions take place in open session.

**Motion passed unanimously by hand Vote.**

The Board entered Executive Session at 4:29 pm.

The Board returned to open session at 6:48 pm.

Director Martin made the following motion seconded by Director Gosselin

**MOTION:** To seal the executive session minutes and adjourn the meeting.  
**Motion passed unanimously**



The meeting was adjourned at 6:49 pm.

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George Champlin  
Secretary



# **MINUTES OF THE SPECIAL BOARD MEETING OF THE BRISTOL COUNTY WATER AUTHORITY**

## **Meeting by Zoom Audio-Visual Teleconference Pursuant to Executive Order 20-05, March 16, 2020 Third Supplemental Emergency Declaration – Public Meeting and Public Records Requests**

**Thursday, November 24, 2020**

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Pursuant to proper notice, the Special Board Meeting of the Bristol County Water Authority was called to order by Chairman Klepper at 6:00 pm by Zoom Audio-Visual Teleconference.

Executive Director Pamela Marchand, Legal Counsel J. Keough and the following Directors were in attendance at the commencement of the meeting

George Champlin, William Gosselin, John Jannitto, Allan Klepper, Thomas Kraig, Georgina Macdonald, Robert Martin, Christopher Stanley

Directors Absent: Juan Mariscal

### **1. Public Input**

There was no public input.

### **2. Executive Session**

Board Chairman Klepper made the following motion seconded by Director Mariscal

**MOTION: To go into Executive Session i. Discussion related to Job Performance and Character of Executive Director Pursuant to RIGL 42-46-5(a)(1) ii. Investment of Public Funds related to Executive Director Position Pursuant to RIGL 42-46-5(a)(7)**

Legal Counsel J. Keough stated that the persons to be discussed in Executive Session for job performance and character have been notified of their right to have the discussion take place in open session. None of those persons have requested to have those discussions take place in open session.

**Motion passed unanimously by hand Vote.**

The Board entered Executive Session at 6:01 pm.

The Board returned to open session at 7:26 pm.

Director Martin made the following motion seconded by Director Gosselin

**MOTION: To seal the executive session minutes and adjourn the meeting.**  
**Motion passed unanimously**



The meeting was adjourned at 7:27 pm.

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George Champlin  
Secretary



# MINUTES OF THE SPECIAL BOARD MEETING OF THE BRISTOL COUNTY WATER AUTHORITY

## Meeting by Zoom Audio-Visual Teleconference Pursuant to Executive Order 20-05, March 16, 2020 Third Supplemental Emergency Declaration – Public Meeting and Public Records Requests

Monday, November 30, 2020

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Pursuant to proper notice, the Special Board Meeting of the Bristol County Water Authority was called to order by Chairman Klepper at 6:00 pm by Zoom Audio-Visual Teleconference.

Executive Director Pamela Marchand, Legal Counsel J. Keough and the following Directors were in attendance at the commencement of the meeting

William Gosselin, John Jannitto, Allan Klepper, Thomas Kraig, Georgina Macdonald, Juan Mariscal, Robert Martin, Christopher Stanley

Directors Absent: George Champlin

### **1. Public Input**

There was no public input.

### **2. Executive Session**

Director Macdonald made the following motion seconded by Director Gosselin

**MOTION:** To go into Executive Session i. Discussion related to Job Performance and Character of Executive Director Pursuant to RIGL 42-46-5(a)(1) ii. Investment of Public Funds related to Executive Director Position Pursuant to RIGL 42-46-5(a)(7)

Legal Counsel J. Keough stated that the persons to be discussed in Executive Session for job performance and character have been notified of their right to have the discussion take place in open session. None of those persons have requested to have those discussions take place in open session.

**Motion passed unanimously by hand Vote.**

The Board entered Executive Session at 6:01 pm.

The Board returned to open session at 6:40 pm.

Director Macdonald made the following motion seconded by Director Gosselin

**MOTION:** To seal the executive session minutes and adjourn the meeting.  
**Motion passed unanimously**



The meeting was adjourned at 6:40 pm.

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George Champlin  
Secretary



# MINUTES OF THE SPECIAL BOARD MEETING OF THE BRISTOL COUNTY WATER AUTHORITY

## Meeting by Zoom Audio-Visual Teleconference Pursuant to Executive Order 20-05, March 16, 2020

### Third Supplemental Emergency Declaration – Public Meeting and Public Records Requests

Friday, December 4, 2020

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Pursuant to proper notice, the Special Board Meeting of the Bristol County Water Authority was called to order by Chairman Klepper at 4:15 pm by Zoom Audio-Visual Teleconference.

Executive Director Pamela Marchand, Legal Counsel J. Keough and the following Directors were in attendance at the commencement of the meeting

William Gosselin, John Jannitto, Allan Klepper, Thomas Kraig, Georgina Macdonald, Juan Mariscal, Robert Martin, Christopher Stanley, George Champlin

Directors Absent: None

#### **1. Call to Order**

Meeting was called to order at 4:15 pm.

#### **2. Public Input**

No public input.

#### **3. Disclosure of Executive Session Vote Pursuant to R.I.G.L. 42-46-4**

On November 30, 2020, the Bristol County Water Authority's Board of Directors convened in a special meeting at 4:15 pm.

Eight members of the Board were present: Allan Klepper, Bill Gosselin, John Jannitto, Gina Macdonald, Tom Kraig, Bob Martin, Juan Mariscal, Chris Stanley

Also present were Pamela Marchand, Executive Director and Chief Engineer and Joseph Keough, BCWA legal counsel.

The meeting was conducted via Zoom pursuant to Governor Gina Raimondo's Executive Order related to the COVID pandemic that permits the Board to meet via videoconference.

During the meeting, the Board entered Executive Session for: (1) Discussion related to Job Performance and Character of Executive Director Candidates Pursuant to RIGL § 42-46-5 (a)(1) and Investment of Public Funds related to Executive Director Position Pursuant to RIGL § 42-46-5 (a)(7).

#### **4. Announcement re: Executive Director and Chief Engineer**



During Executive Session, the eight members present voted unanimously to offer and enter into a contract with Stephen Coutu for the position of Executive Director and Chief Engineer as Pamela Marchand is retiring at the end of February 2021.

The contract is for a three-year term with a starting salary of \$145,000 and contains terms reviewed by the Board prior to the November 30, 2020 meeting.

This vote made in Executive Session was made by more than six members and included at least one member from each town as required by the Bristol County Water Authority's authorizing legislation.

Mr. Coutu has accepted the contract and pursuant to RIGL § 42-46-4, the Executive Session vote can now be disclosed.

Chairman Allan Klepper welcomed Steve Coutu and announced that he will join on January 18, 2021.

## **5. Adjournment**

The meeting was adjourned at 4:24 pm.

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George Champlin  
Secretary





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 A Public Agency

## BRISTOL COUNTY WATER AUTHORITY

### Executive Director's Report for December 16, 2020

This meeting will again be held in Zoom. As an Executive Session is included on the agenda, participants will be first placed into a "waiting room" then brought into the regular meeting. For the executive session, non- participants will be put into the "waiting room" and brought back into the meeting at the conclusion of executive session.

#### Goals FY2021, as requested to be placed on Executive Director's Report

#### 1. *Pursue construction of connection to Pawtucket Water Supply Board.*

##### a. Phase 1

- i. Due to the lateness of the year for roadwork, CB will begin the project in early spring of 2021. CB has been submitting plans for by-pass layout and permits.

##### b. Phase 2

- i. BETA has produced a PowerPoint for their study of alternate routes to be presented at the Board meeting and eventually for the City of East Providence.
- ii. Providence Water has had equipment problems for the addition of phosphate to their water for corrosion control, now proposed for January 30<sup>th</sup>. We are proposing to mix the Pawtucket and Providence waters to meet the Providence Water quality parameters, which is to a pH of 10.3. Pawtucket treats their water to a pH of 8 with the addition of a polymer phosphate, so the BCWA treatment of the mixing of the supplies should be a relatively minor adjustment.

We have a meeting scheduled with the Department of Health next week regarding the study on the mixing of the supplies.

- iii. I understand the Mayor of East Providence is still trying to have the Phase 2 project placed on the City Council agenda, but is being pushed back for other more critical issues such as COVID and budget. We have not had any recent updates. I will forward a copy of the Phase 2 routing presentation to the Mayor.

##### c. Prepare system to initiate monthly billing.

- i. NewGen Financial will present an initial review of the rate study for the December meeting.
- ii. We have five data collectors installed and collecting data, with a 6<sup>th</sup> installed.



## *2. Create realistic upper management succession plan.*

- a. Mark Champagne has postponed his retirement to June, 2021. He is willing to provide assistance after retirement.
- b. The Executive Director position has been awarded to Stephen Coutu, P.E., who will begin in January.
- c. Lauren DeRuisseau has started as the replacement for Cid as Executive Assistant. Laure has a BA in Human Resources, and the plan is for her to take on more of the IIR work for the BCWA that is handled by consultants.

## *3. Plan for demolition of the water treatment plant.*

- a. The report on the hazardous materials in the plant has been received. Based on the inspection, asbestos discovered in one of the storage rooms was removed so that it could be placed in use.

There are significant amounts of asbestos used throughout the plant. Mercury, lead and PCBs are present but minimal. The estimated cost to remediate the materials is less than \$100,000 and will need to be done before demolition.

## Water Purchased

The purchased water was 4% higher for the month of November compared to November of last year (during the pipeline leak). But it looks like we are back to normal, as it was 5% less than the previous 5-year average for the month.

The annual accumulated usage for the nine months of FY21 is still 7% higher than FY2019 but 4% above the average of the last 5 years for the same period.

The Providence monthly charges and usage is attached, as are the graphs for the annual comparison of monthly purchased water and the cumulative purchased water.

## Kickemuit Dam Removals

Several of our local state legislators have responded to the letter requesting modifications to the BCW Act. They are looking to add it to the legislative agenda in January. All have been supportive.

Pare Corp. is continuing to work on the dam removal permitting in coordination with the RIDEM and the CRMC, and providing information to the RIDOT for the design of the culvert replacement.

A Zoom meeting for reservoir abutters and the public will take place on Tuesday, December 15<sup>th</sup>, at 6 pm. The meeting will present information similar to that discussed with the Dam Removal Committee last month, and to address any questions.

## Remediation at Hope and Tupelo Streets

The contractor is almost complete this year. He will come back in the spring to place the topsoil cap. This will allow enough time to add the remediation of the adjoining property if it allowed.

### Leak on East Bay Pipeline

The clamp to encapsulate the leaking joint between the steel and ductile iron sections of the pipeline has been constructed and will be delivered 12/11. The repair is scheduled for next week.

### 2014 \$8,355,000 TD Bank Bond

The finance team has been working diligently to close on the refinancing of the bond by February 1<sup>st</sup>. Sandy Mack will be preparing the resolution for the Board once all the documents are prepared. We may need to have a special Board meeting in the middle of January for the vote by the Board to move forward with the closing.

### FY2022 Budget

The Draft Capital and Operations budgets were reviewed by the Finance Committee and will be presented at the Board meeting.

### Legal and Financial RFP's

The BCWA has issued RFP's for General Legal Services and for Labor and Employment Law services. The proposals are due January 14<sup>th</sup>. The RFPs for Financial and Bond services will be issued by the end of the month.

### Meter Replacement Program

Meter installations are continuing with staff - now at 93% complete, with 1186 remaining. We have slowed down with the holidays and COVID but are planning to resume in January.

### DEM Notice of Violation (NOV)

BCWA and the Town of Bristol DPW Water Pollution Control received NOV's for a watermain break that occurred in January 2018, that resulted in an extension of the shellfish fishing ban in the Bay. The BCWA had performed an emergency repair on Hopeworth Ave and did not find any indication of a sewer main in the area. The sewer was about 2' below the water main and appears that it may have been crushed by the backfill of the repair. A nearby drain in poor condition allowed sewage to be carried into the Bay. The BCWA received a fine of \$25,000. Joe Keough has responded for the BCWA and requested a hearing. We are also coordinating a response with the Town of Bristol.

Engineering Report by Sue Rabideau – see attached.

MIS Report by Randy Manchester – see attached.

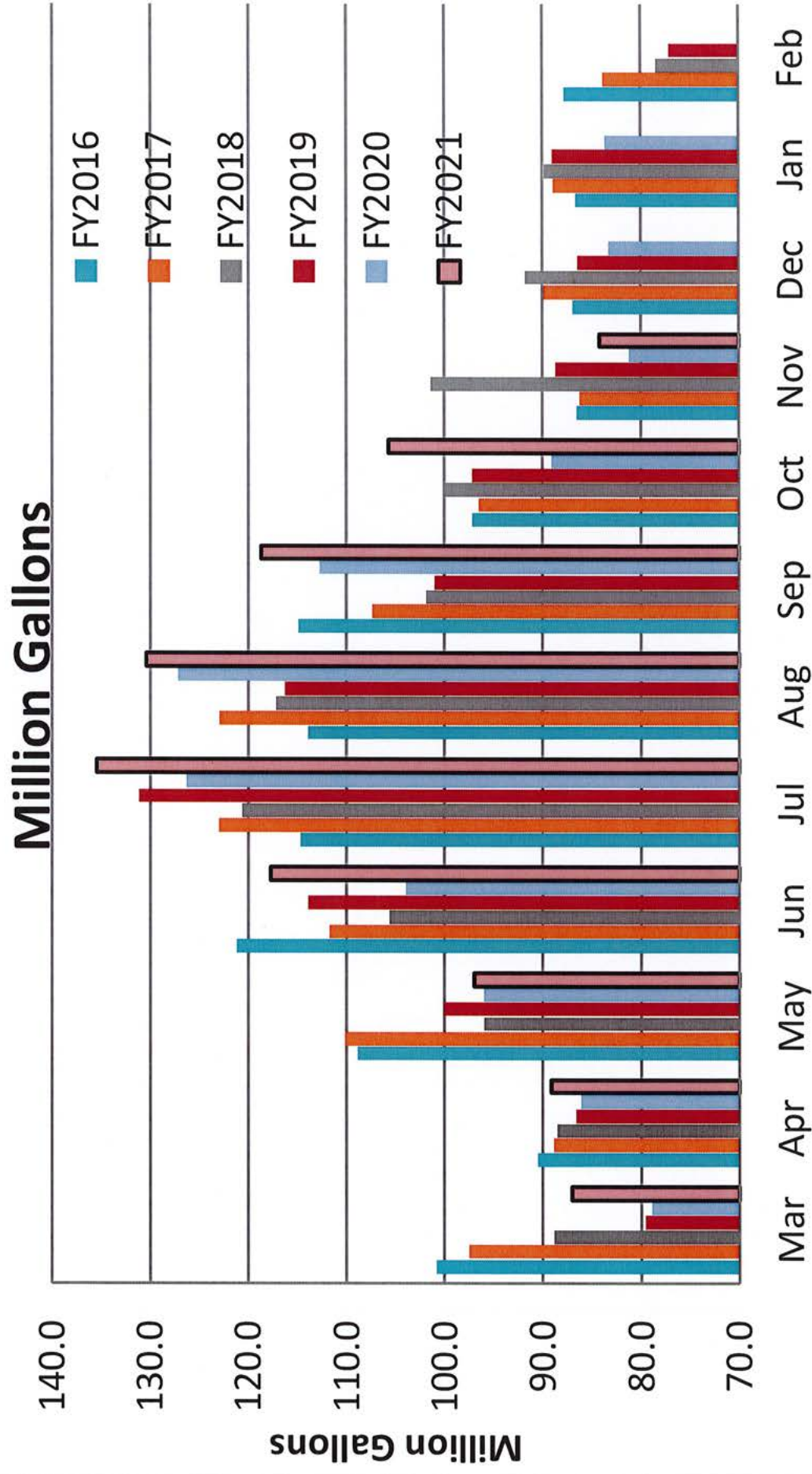
Operations Report by Mike Crawford – see attached.

*Pamella Marchand*  
*12/10/20*



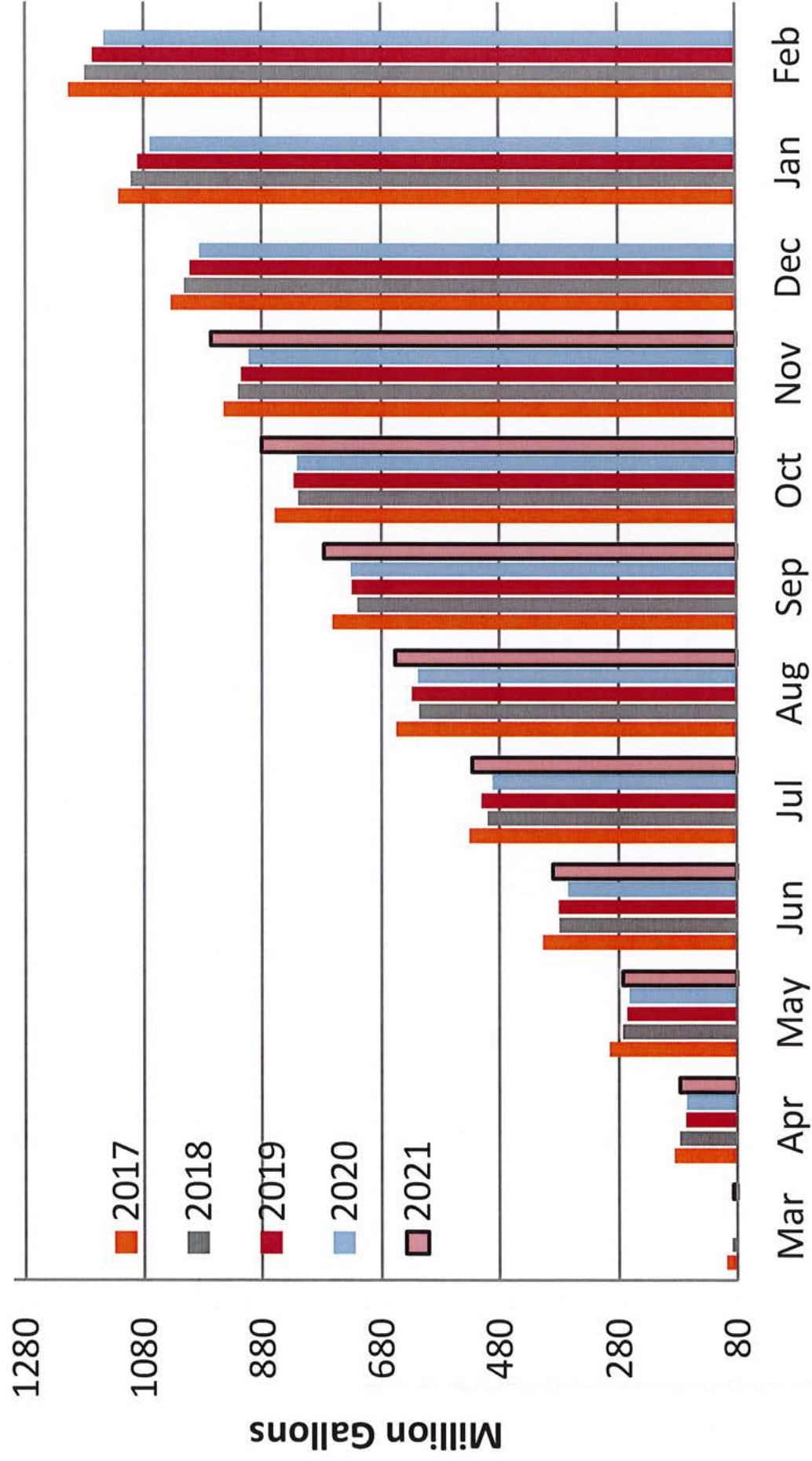
Providence Water - Monthly Charge							BCWA		
	<u>Read</u>	<u># Days</u>	<u>Billed Amount</u>	<u>\$/Day</u>	<u>Billed</u> <u>MG</u>	<u>MG/day</u>	<u>PWmetr for Month</u>		
							<u>Month</u>	<u>Max Day</u>	<u>Ave Day</u>
<b>FY2019</b>									
March	27 Mar	29	\$ 140,404.36	\$ 4,841.53	77.7	2.68	79.5	2.77	2.57
April	25 Apr	29	\$ 149,748.40	\$ 5,163.74	82.9	2.86	86.6	3.63	2.89
May	29 May	34	\$ 196,726.83	\$ 5,786.08	108.9	3.20	100.0	3.82	3.23
June	26 Jun	28	\$ 196,427.05	\$ 7,015.25	108.8	3.89	113.9	4.27	3.80
July	26 Jul	30	\$ 232,663.63	\$ 7,755.45	128.8	4.29	131.2	4.68	4.23
August	28 Aug	33	\$ 231,141.21	\$ 7,004.28	128.0	3.88	116.2	4.63	3.75
September	28 Sept	30	\$ 192,547.84	\$ 6,418.26	106.6	3.55	101.0	4.29	3.37
October	26 Oct	29	\$ 185,730.34	\$ 6,404.49	102.8	3.54	97.2	3.60	3.14
November	27 Nov	32	\$ 160,484.83	\$ 5,015.15	88.86	2.78	88.6	3.68	2.95
December	26 Dec	29	\$ 151,272.63	\$ 5,216.30	83.76	2.89	86.4	3.13	2.79
January	29 Jan	34	\$ 178,896.59	\$ 5,261.66	99.06	2.91	88.9	3.13	2.87
February	25 Feb	27	\$ 138,457.54	\$ 5,128.06	76.67	2.84	77.1	3.073	2.75
Total FY2019			<b>\$ 2,154,501.25</b>		<b>1192.9</b>	<b>3.27</b>			
From Previous Year					<b>-1.6%</b>				
<b>FY2020</b>									
March	25 Mar	28	\$ 133,691.61	\$ 4,774.70	74.03	2.64	78.92	2.79	2.63
April	26 Apr	32	\$ 166,000.30	\$ 5,187.51	91.92	2.87	86.10	3.14	2.78
May PW	29 May	33	\$ 79,120.91		43.80		36.98	3.09	
May EP	21 May	20	\$ 94,310.00		52.23		52.23	3.80	2.61
June	25 Jun	27	\$ 169,315.97	\$ 6,270.96	93.75	3.47	103.86	3.97	3.46
July	26 July	31	\$ 227,811.02	\$ 8,437.45	126.14	4.07	126.25	4.52	4.07
August	28 Aug	33	\$ 252,836.21	\$ 7,661.70	140.00	4.24	127.1	4.41	4.10
September PW	17 Sep	19	\$ 147,483.72	\$ 7,762.30	81.67	4.30	NA	4.49	4.30
EP	30 Sep	13	\$ 83,948.24	\$ 6,457.56	46.49	3.58	NA	4.25	3.58
October PW	28 Oct				0.34				
October EP	30 Oct	31	\$ 160,683.49	\$ 5,183.34	88.98	2.87	NA	3.29	2.87
November PW	22 Nov	25	\$ 35,517.82	\$ 1,420.71	19.67	NA	NA		
November EP	31 Nov	31	\$ 70,811.69	\$ 2,284.25	39.21	NA	NA		
December	23 Dec	31	\$ 151,368.34	\$ 4,882.85	83.82	2.70	83.2	2.90	2.68
January	27 Jan	35	\$ 173,550.95	\$ 4,958.60	96.10	2.75	83.6	2.87	2.70
February	25 Feb	29	\$ 143,066.35	\$ 4,933.32	79.22	2.73	78.0	2.711	2.69
Total FY2020			<b>\$ 2,089,516.62</b>		<b>1157.35</b>	<b>3.16</b>			
From Previous Year					<b>-3.0%</b>				
<b>FY2021</b>									
March	30 Mar	34	\$ 172,796.06	\$ 5,082.24	95.68	2.81	87.1	3.17	2.81
April	24 Apr	25	\$ 138,760.94	\$ 5,550.44	76.83	3.07	89.1	3.90	2.97
May PW	26 May	32	\$ 176,283.37	\$ 5,508.86	97.61	3.05	97.0	3.78	3.13
June	26 June	31	\$ 214,342.17	\$ 6,914.26	118.69	3.83	117.7	4.85	3.92
July	28 July	32	\$ 257,504.61	\$ 8,047.02	142.59	4.46	135.4	5.17	4.37
August	25 Aug	28	\$ 223,935.00	\$ 7,997.68	124.00	4.43	130.4	4.81	4.21
September	25 Sept	31	\$ 259,425.83	\$ 8,368.58	124.43	4.01	118.7	4.30	3.96
October	28 Oct	33	\$ 255,368.38	\$ 7,738.44	121.36	3.68	105.7	4.13	3.41
November	24 Nov	27	\$ 163,378.28	\$ 6,051.05	77.64	2.88	84.2	2.97	2.81

# Monthly PW Purchased Water





# Purchased Water, Cumulative per FY



## **BCWA Engineering Report – for December 16, 20020**

Prepared by: Susan Rabideau, PE, Engineering Project Manager

### ❖ 2020 Water Main Renewals

Project Budget Breakdown	Approved Budget	change orders (Rock, Shaws and Ryan)	Spent (through end of Oct)	Remaining in Budget
Contractor	\$ 1,677,333	\$ 250,000	\$ 1,300,000	\$ 627,333
Police (thru Oct)	\$ 130,000	\$ 15,000	\$ 135,000	\$ 10,000
Inspection	\$ 70,000	\$ 10,000	\$ 85,000	- \$ 5,000
Contingency	\$ 222,667		\$ 2,000 *	\$ 220,667
total	\$ 2,100,000	\$ 275,000	\$ 1,522,000	\$ 853,000

\* RIDOT required inspector

We will need to use part of the contingency to cover additional police and inspection costs. Traffic control has often required multiple officers per day, due to work in downtown Warren and on Hope Street. The additional funds needed for Inspection Services are documented in a Task Order Amendment but will be paid from the previously approved contingency.

The work by Walsh will be completed by December 11, 2020, except for a few punch list items. There will be final paving and site restoration in the spring.

### ❖ Expansion of the High-Pressure Zone in Bristol

We have begun the design of the distribution improvements planned for 2021. Surveying and preliminary design are ongoing. We anticipate a late spring Award.

Attached:

Gantt Chart of ongoing BCWA projects



Date: December 10, 2020

To: Pamela Marchand, P.E., Executive Director

From: Michael Crawford, P.E., Operations Manager

RE: Operations Report

### *COVID-19*

The Bristol County Water Authority (BCWA) Operations Department continues to operate under pandemic conditions. Our focus continues to be maintaining the health and safety of our employees. With COVID infections rising throughout the area we have revisited our mitigation strategies to ensure we can maintain business continuity should infections spread to our organization. This also involves coordinating with our vendors to ensure the health and safety of our staff and customers. Recent developments have delayed training as we attempt try to maintain social distancing amongst staff as we manage the issues surrounding COVID positive tests within the group.

### *Facilities/Water Quality*

Following the completion of the Fall flushing program and the transition towards the colder weather, Operators are working to shutdown summer chemical feed and recirculation systems and to winterize temperature sensitive components.

The buildout of the meter gateway collection system continues. We have begun engaging private property owners with desirable geographic locations to gauge whether they would be amenable towards the installation of BCWA infrastructure. Some of these properties have been found to have existing telecom leases that prohibit the installation of additional equipment. Installation of the equipment will follow securing access agreements necessary for the installation and maintenance of the equipment in question.

Operators are continuing in-house contracting improvements of BCWA facilities. With a floor plan we have begun to solicit proposals from qualified vendors. We hope to be able to proceed as efficiently as possible to complete this buildout. However, the current state of vertical construction is quite busy with costs inflated to due to supply chain issues.

Water quality sampling continues in the system with total coliform sampling rule, surface water treatment rule and disinfection byproduct sampling being performed over the past month.

### *Transmission and Distribution*

Work throughout the transmission and distribution system remains active. As the temperatures begin to transition, we have been experiencing some early water main breaks. Work over the past few weeks has also comprised of service installations, capital project service restorations and coordinating with pavement contractors regarding contracted services.

### *Projects*

- The lead soil contractor continues work on the Hope St. Tank site. The contractor is approaching the restoration phase of the project as it relates to work associated with BCWA properties. Discussions continue between RIDEM, BCWA and the abutter as it relates to **the work identified on the abutter's parcel.**
- BCWA recently received the environmental survey completed for the buildings and appurtenances associated with the demolition of the Child Street Water Treatment Plant. This document will serve as the schedule of hazards to be remediated prior to bulk demolition. BCWA will continue to work with PARE on the necessary contract documents to secure services over the winter.
- The PVC sliplining project continues. Recently we have made advancements in the securing of an easement within the City of Providence required for the installation of a utility pole. The utility pole is required to complete the installation of a cathodic protection system.
  - The clamp required to repair the leak has been manufactured and is anticipated to be on site in the next week. Once received the clamp will be inspected and then installation will be scheduled. To date the leak site is stable it has been insulated to protect the site from freezing.
- The administration lift replacement designer has completed a near final set of contract documents. BCWA reviewed and responded with comments that will finalize the contract documents; a bidding schedule over the winter is detailed in the comments. If the designer can finalize the documents over the next couple of weeks the project can be advertised after **the Holiday's.**



# **Bristol County Water Authority**

## **Information Technology Report**

December 10th 2020

Randall S. Manchester, IT Specialist

Most of the previous month entailed adding new functionality to the base systems (modifications, new reports, server patches, bug fixes, improvements etc.) and the day-to-day running of the IT department.

### **Neptune Gateways (update)**

We had to postpone our Neptune 360 training as some of the field staff is quarantined or working from home. We also did not want to bring in an outsider into our building. We are going to attempt to reschedule sometime after the first of the year. In the meantime, we are self-learning the new software and doing basic tasks with it where appropriate. This slight setback should not delay the project.

### **Wi-Fi**

I have refreshed the office Wi-Fi network. The old access points (although working OK) were at end-of-life and we would not be receiving any more security patches from the manufacturer. The new access points are dual band 2.5 and 5ghz (the old ones only 2.5ghz) so under certain conditions the performance will be improved. As part of that upgrade I also upgraded the management server software the runs the access points.

### **Website Statistics**

Unique visitors – Last four months. Very static traffic.

August:	2,659
September:	2,299
October:	2,401
November:	2,547

December	780 (as of 12/11/2020)
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## Network Hardware Inventory

Below is a summary of the IT equipment and devices currently in service. One of my projects for next year is to procure and configure an asset management system to help manage all the equipment. As you can see, for a small system we utilize a lot of hardware. All these systems need to be maintained, updated and patched. I'm hoping the asset management system will help keep this under control. This tool is also very helpful for disaster recovery and system documentation.

Device Description	Quantity
<b>Servers</b>	8
<b>Switches</b>	3
<b>Routers/Firewalls</b>	3
<b>Modems</b>	5
<b>Workstations</b>	40
<b>Tablets</b>	7
<b>Laptops</b>	15
<b>Phones (cell)</b>	23
<b>Phone system</b>	1
<b>Backup appliance</b>	1
<b>UPS systems</b>	45
<b>Printers</b>	19
<b>Scanners (dedicated)</b>	2
<b>Security servers</b>	4
<b>Security cameras</b>	28
<b>NAS (network attached storage)</b>	1
<b>Projectors</b>	3
<b>Total</b>	<b>208</b>



# Barrington resident named BCWA director

*Steve Coutu had served as DPW director in East Providence*

BY MIKE REGO

mrego@eastbaymediagroup.com

Steve Coutu is leaving his long-held position as director of public works in the City of East Providence to become the new executive director of the Bristol County Water Authority.

The formal announcement was made in a press release issued Monday, Dec. 7. Mr. Coutu actually became aware of the decision by the BCWA board of directors on Friday, Dec. 4.

Mr. Coutu will also have the title of BCWA chief engineer. He replaces Pamela Marchand, who is set to retire in February.

"It's a good opportunity. I'm ready for a new challenge," Mr. Coutu, a Barrington resident, said of his decision.

Mr. Coutu was chosen to take over the position by the BCWA board of directors. He departs his post as East Providence DPW director after 19 years. He was hired for that role in 2001.

Mr. Coutu has actually been an East Providence employee for 23 and a half years, having come to the city as its engineer/deputy DPW director in July of 1997 before being named department director some four years later.

"The board was pleased to find such a qualified candidate to carry-on the mission of the BCWA to protect the public health," said BCWA Board Chair Allan Klepper.

Mr. Coutu's responsibilities in East Providence also included management of the

city's water and sewer departments. In recent years, he took on oversight as well of the East Providence Parks and Recreation Department.

Mr. Coutu's most recent projects of note included the reconstruction of East Providence's central water facility in Kent Heights and its continued replacement of piping throughout the city. DPW is currently in the midst of replacing a key 72-inch culvert at South Broadway.

Mr. Coutu inherits a couple of significant BCWA matters, its ongoing project to replace its emergency supply access and its years-old attempt to secure a secondary feed. Both of those issues happen to have East Providence ties. The emergency supply line currently being constructed connects to the



Steve Coutu, the director of the East Providence DPW, learned late last week that he had been selected as the new Bristol County Water Authority director. He will replace Pamela Marchand, who is retiring in February.

through East Providence and an emergency backup line currently under construction, has been dogged by delays and financial issues. East Providence officials have resisted BCWA overtures that the city help fund the project, and obtaining the necessary rights of way through the city has also proven a challenge, Ms. Marchand has said.

"The big BCWA projects involve East Providence. I imagine my knowledge of the streets, utilities and water system of East Providence is going to be a big help," Mr. Coutu said of what lay ahead.

In East Providence, Mr. Coutu, likewise, leaves as the city also ponders how it will secure the secondary source of water and with the lingering concern over the viability of its main line feed in the Providence River/upper reaches of Narragansett Bay, connecting East Providence to the Scituate Reservoir.

"We got a lot of things accomplished over the years here," Mr. Coutu said. "The main line under the Providence River has been a big objective for a long time. The pipe was installed in the (19)60s. We have some idea of its condition, but we've never done an internal inspection. It's important to get that information. It's the main source of supply. It's definitely better to be pro-active in that situation."

He added, "Believe me, it wasn't any easy decision. I take the job to heart, do the best I can for the people I work for. I love working in East Providence, but it just felt like it's the right time, the right opportunity."

— The Warren Times-Gazette editor  
Ted Hayes contributed to this report.

East Providence feed. And a second source of water, proposed through the Diamond Hill reservoir in Cumberland and Pawtucket, would also need East Providence's assistance.

"It's been a good ride. We've faced a number of different projects and challenges in my years here. I'm going to miss it, but what I'm going to miss the most is working with such fine, dedicated people. Everyone always seemed to pull together. They all truly enjoy serving the people of East Providence."

Mr. Coutu will inherit several significant projects, including the BCWA's \$37 million plan to build a pipeline to the Pawtucket water supply. That project, which includes a new secondary supply line to Pawtucket

## **Announcement of New Executive Director and Chief Engineer of the BCWA**

12/9/20

The Board of Directors of the Bristol County Water Authority are pleased to announce the appointment of Stephen Coutu, P.E., to the position of Executive Director and Chief Engineer.

He will replace the present Executive Director and Chief Engineer, Pamela Marchand, P.E., who is retiring in February.

Steve has been the Director of Public Works for the City of East Providence since 2001, where his responsibilities included management of the Water and Sewer departments. He also served as a project engineer in previous positions. Steve is a Registered Professional Engineer in the State of Rhode Island and graduated from the University of Rhode Island with a degree in Civil/Environmental Engineering. He is also a resident of Barrington.

Allan Klepper, Board Chair, said the "the Board was pleased to find such a qualified candidate to carry-on the mission of the BCWA to protect the public health".

## **LEGAL NOTICE**

### **BRISTOL COUNTY WATER AUTHORITY**

12/9/2020

The Bristol County Water Authority would like to invite the public to a Zoom meeting to provide an update on the study to remove the Upper and Lower Kickemuit Reservoir Dams.

The meeting is scheduled for December 15th, at 6:00 pm. Removing the dams will alleviate flooding of Schoolhouse Rd and return the river to a salt water estuary. Go to [bcwari.com](http://bcwari.com) for zoom attendance information.





450 Child St. • P.O. Box 447 • Warren, Rhode Island 02885-0447  
www.bcwari.com • Fax: 401-245-2004 • Tel: 401-245-2022  
*A Public Agency*

**BRISTOL COUNTY WATER AUTHORITY**

**BOARD OF DIRECTORS**  
**FINANCIAL REPORTS**  
for  
**October 2020 (FY 2021)**

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## BRISTOL COUNTY WATER AUTHORITY

### FINANCIAL ANALYSIS SUMMARY

#### *For October 2020 (FY 2021)*

The following financial information is for the seventh month of fiscal year 2021 ending October 31, 2020. We have 4 months remaining in FY2021!

With Eight months of FY2021 complete, we are seeing a continued robust year for water revenues despite the ongoing COVID-19 crisis. Water use was up significantly this summer due greatly in part to the dry summer. Consumption (**Gallons Delivered**) is up **9.66%** over last year as shown on page 9. In addition, with phase in of the **10% rate hike** in this first quarter, revenue (**Billings**) are up almost **16%**. Information of note from the October **2020** report is as follows:

1. Accrued revenues on pages **4 & 5** of the financials show this increase in revenue of **19.3%** and **17.7%** respectively for October 2020 and YTD. October expenses showed a large increase of over **30%** vs a year ago and YTD shows an increase of **6.9%**. Note that most of all of the monthly expenses were caused by the large increase in depreciation (non-cash), purchase of water, and mostly by the cost of the "**Smart Ball**" inspection of the system under Maintenance Expenses. The YTD revenues are **113.8 %** of budget & expenses at **96.3%** of budget on page 7.
2. The trustee fund report for October on page **12** shows all interest earnings, transfers, and bond payments from our restricted fund accounts for the current month which for October and YTD. The estimated Debt Service Ratio at the end of October is a healthy **6.60**. This includes the debt service on the \$18MM Chase bond from last Fall.
3. A summary Pension Investment report for October is attached on page 13. For October the portfolio showed a net decrease for the month of about **\$32K**. The first 4 months of the Pension Investment year still shows a gain of about **\$260K** or almost **5.8%** since July 1<sup>st</sup>.
4. I have been working with the staff to create a draft of the Operations budget for FY2022 as well as the 10-year debt service and estimated rate increases required to fund Pam's Capital projects scheduled for that timeframe. I will be presenting schedules based on both with and without E. Providence in Phase II.

If you have any questions do not hesitate to contact me.

**Mark J. Champagne - Manager of Finance – (X23)**



2:33 PM

## Bristol County Water Authority

## Balance Sheet

11/25/20

As of October 31, 2020

Accrual Basis

	Oct 31, 20
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
10106 · Webster Bank - Operating #802	86,205.49
10110 · Webster Bank - Depository #811	130,425.96
10119 · Checking - Newport (Refunds)	2,091.47
10130 · Petty Cash -Admin.	510.22
10135 · LOC Checking WTI	3,898.30
10145 · Custom Deposit Escrow - Webster	320,000.00
Total Checking/Savings	543,131.44
Accounts Receivable	
10205 · Accounts Receivable - QB BILLED	-260.49
Total Accounts Receivable	-260.49
Other Current Assets	
10250 · ACCOUNTS RECEIVABLE - OTHER	2,150,742.75
10260 · Accounts Receivable (CUSI)	2,257,181.21
10300 · Unrestricted Trustee Funds	18,139,080.29
10400 · ***** Inventory *****	325,478.10
10460 · Prepaid Expenses	27,021.85
10470 · Prepaid Insurance	52,521.33
12000 · Undeposited Funds	376.47
Total Other Current Assets	22,952,402.00
Total Current Assets	23,495,272.95
Fixed Assets	
10500 · *****FIXED ASSETS*****	80,955,543.32
Total Fixed Assets	80,955,543.32
Other Assets	
10600 · OTHER ASSETS-Restricted*****	15,896,241.70
Total Other Assets	15,896,241.70
<b>TOTAL ASSETS</b>	<b>120,347,057.97</b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
20000 · ACCOUNTS PAYABLE *****	693,198.29
Total Accounts Payable	693,198.29
Other Current Liabilities	
20160 · ****Accounts Payable OTHER ****	375,329.40
20200 · ACCRUED EXPENSES *****	1,077,541.60
20300 · ACCRUED INTEREST Long Term Debt	130,718.97
20355 · Advances from FEMA/RI for Dams	152,404.02
20400 · CURRENT PORTION Long Term Debt	8,600,942.99
20500 · NET PENSION ALLOCATION	598,373.00
20501 · DOR-Diff between Expected & Act	-83,685.00
20502 · DOR-Changes in assumptions	-96,302.00
20503 · DIR-Diff projected&actual earn	-304,373.00
20504 · DIR diff expect & Actual	44,083.00
20505 · Dir diff expect & actual earnin	61,296.00
20506 · DOR - OPEB	-976,212.00
20507 · DIR - OPEB	64,414.00

2:33 PM

## Bristol County Water Authority

11/25/20

## Balance Sheet

Accrual Basis

As of October 31, 2020

	Oct 31, 20
20600 · GASB 45 NET OPEB OBLIGATION	4,949,916.00
20650 · Def.Revenue Grant Current Amt.	11,678.73
Total Other Current Liabilities	14,606,125.71
Total Current Liabilities	15,299,324.00
Long Term Liabilities	
20700 · LONG TERM DEBT	26,978,363.88
Total Long Term Liabilities	26,978,363.88
Total Liabilities	42,277,687.88
Equity	
30108 · Restrict for Cap Activity & DS	6,058,371.20
30105 · Net Investment in Capital Asset	41,959,639.00
32000 · Unrestricted Net Assets	25,838,826.50
Net Income	4,212,533.39
Total Equity	78,069,370.09
TOTAL LIABILITIES & EQUITY	120,347,057.97



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11/25/20

Accrual Basis

**Bristol County Water Authority**  
**Profit & Loss Prev Year Comparison**  
**October 2020**

	Oct 20	Oct 19	\$ Change	% Change
Ordinary Income/Expense				
Income				
40000 · WATER	2,078,164.23	1,733,106.01	345,058.22	19.9%
41000 · FIRE SERVICES	26,513.23	25,041.96	1,471.27	5.9%
42000 · OTHER INCOME	5,196.82	9,917.03	-4,720.21	-47.6%
Total Income	2,109,874.28	1,768,065.00	341,809.28	19.3%
Gross Profit	2,109,874.28	1,768,065.00	341,809.28	19.3%
Expense				
50100 · SALARIES & WAGES-Admin	85,771.02	95,422.41	-9,651.39	-10.1%
50200 · OFFICE EXPENSES-Admin	10,135.50	6,714.88	3,420.62	50.9%
50300 · ADMINISTRATIVE EXPENSES	44,837.45	39,821.16	5,016.29	12.6%
50400 · EMPLOYEE BENEFITS	42,038.30	44,062.74	-2,024.44	-4.6%
50450 · OPEB - Retiree Benefits	6,471.39	6,966.33	-494.94	-7.1%
50500 · INSURANCE	8,145.98	9,571.91	-1,425.93	-14.9%
50600 · PROFESSIONAL FEES	25,112.35	40,449.08	-15,336.73	-37.9%
50700 · MAINTENANCE FEES	509.25	629.25	-120.00	-19.1%
50800 · COMPUTER EXPENSES	5,376.83	16,925.81	-11,548.98	-68.2%
50900 · TAXES	33,145.15	32,331.48	813.67	2.5%
51000 · DEPRECIATION & AMORTIZATION	173,418.00	139,666.00	33,752.00	24.2%
60100 · SALARIES & WAGES -BILLING	30,285.56	30,475.44	-189.88	-0.6%
60200 · BILLING & CUST SERVICE EXPENSES	9,783.55	9,828.32	-44.77	-0.5%
70100 · SALARIES & WAGES -OPERATIONS	111,519.09	122,906.29	-11,387.20	-9.3%
70210 · Purchase Water (PROV)	255,368.38	161,293.90	94,074.48	58.3%
70220 · UTILITIES EXPENSES	6,470.96	5,929.02	541.94	9.1%
70300 · OPERATIONS MAINTENANCE EXPENSES	196,463.03	30,346.80	166,116.23	547.4%
70400 · OPERATIONS - OTHER Expenses	17,075.21	14,459.91	2,615.30	18.1%
Total Expense	1,061,927.00	807,800.73	254,126.27	31.5%
Net Ordinary Income	1,047,947.28	960,264.27	87,683.01	9.1%
Other Income/Expense				
Other Income				
90110 · Interest Income - Investment	272.77	23,189.08	-22,916.31	-98.8%
90120 · Interest Income - Late Pay'ts	0.00	588.19	-588.19	-100.0%
90400 · Gain (Loss) Desp of Assets	1,888.00	0.00	1,888.00	100.0%
90510 · Capital Contributions	4,992.00	32,105.00	-27,113.00	-84.5%
Total Other Income	7,152.77	55,882.27	-48,729.50	-87.2%
Other Expense				
90216 · Non-Recur (Upper Dam Removal)	8,183.50	0.00	8,183.50	100.0%
90214 · Non-Recur (Lower Dam Removal)	1,368.00	0.00	1,368.00	100.0%
90212 · Non-Recurring (Clean HZD Hope)	2,668.13	0.00	2,668.13	100.0%
90210 · Interest Expenses Bonds	74,519.00	46,566.00	27,953.00	60.0%
90300 · Other Non-Reoccurring Expenses	0.00	0.00	0.00	0.0%
Total Other Expense	86,738.63	46,566.00	40,172.63	86.3%
Net Other Income	-79,585.86	9,316.27	-88,902.13	-954.3%
Net Income	968,361.42	969,580.54	-1,219.12	-0.1%

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11/25/20

Accrual Basis

**Bristol County Water Authority**  
**Profit & Loss Prev Year Comparison**  
**March through October 2020**

	Mar - Oct 20	Mar - Oct 19	\$ Change	% Change
<b>Ordinary Income/Expense</b>				
Income				
40000 • WATER	11,466,546.23	9,567,557.27	1,898,988.96	19.9%
41000 • FIRE SERVICES	212,101.70	315,503.06	-103,401.36	-32.8%
42000 • OTHER INCOME	42,161.08	79,316.64	-37,155.56	-46.8%
<b>Total Income</b>	<b>11,720,809.01</b>	<b>9,962,376.97</b>	<b>1,758,432.04</b>	<b>17.7%</b>
<b>Gross Profit</b>	<b>11,720,809.01</b>	<b>9,962,376.97</b>	<b>1,758,432.04</b>	<b>17.7%</b>
Expense				
50100 • SALARIES & WAGES-Admin	699,599.37	665,695.02	33,904.35	5.1%
50200 • OFFICE EXPENSES-Admin	60,130.19	59,907.40	222.79	0.4%
50300 • ADMINISTRATIVE EXPENSES	228,830.13	374,504.67	-145,674.54	-38.9%
50400 • EMPLOYEE BENEFITS	340,186.33	342,599.71	-2,413.38	-0.7%
50450 • OPEB - Retiree Benefits	50,317.69	52,224.92	-1,907.23	-3.7%
50500 • INSURANCE	110,683.70	124,117.40	-13,433.70	-10.8%
50600 • PROFESSIONAL FEES	391,065.12	224,248.43	166,816.69	74.4%
50700 • MAINTENANCE FEES	4,710.49	6,226.25	-1,515.76	-24.3%
50800 • COMPUTER EXPENSES	66,638.88	92,569.28	-25,930.40	-28.0%
50900 • TAXES	204,429.56	334,813.85	-130,384.29	-38.9%
51000 • DEPRECIATION & AMORTIZATION	1,387,344.00	1,180,078.00	207,266.00	17.6%
60100 • SALARIES & WAGES -BILLING	238,276.23	225,552.59	12,723.64	5.6%
60200 • BILLING & CUST SERVICE EXPENSES	73,847.81	74,581.12	-733.31	-1.0%
70100 • SALARIES & WAGES -OPERATIONS	885,185.80	904,806.22	-19,620.42	-2.2%
70210 • Purchase Water (PROV)	1,698,416.79	1,509,713.93	188,702.86	12.5%
70220 • UTILITIES EXPENSES	53,415.86	53,235.44	180.42	0.3%
70300 • OPERATIONS MAINTENANCE EXPENS...	374,608.62	186,710.37	187,898.25	100.6%
70400 • OPERATIONS - OTHER Expenses	147,383.79	153,976.63	-6,592.84	-4.3%
<b>Total Expense</b>	<b>7,015,070.36</b>	<b>6,565,561.23</b>	<b>449,509.13</b>	<b>6.9%</b>
<b>Net Ordinary Income</b>	<b>4,705,738.65</b>	<b>3,396,815.74</b>	<b>1,308,922.91</b>	<b>38.5%</b>
<b>Other Income/Expense</b>				
Other Income				
90115 • Frerichs Farm - Land use Hay	2,450.00	0.00	2,450.00	100.0%
90110 • Interest Income - Investment	55,395.44	60,086.48	-4,691.04	-7.8%
90120 • Interest Income - Late Pay'ts	1,903.58	7,152.99	-5,249.41	-73.4%
90400 • Gain (Loss) Desp of Assets	5,588.00	0.00	5,588.00	100.0%
90510 • Capital Contributions	132,921.00	90,889.00	42,032.00	46.3%
<b>Total Other Income</b>	<b>198,258.02</b>	<b>158,128.47</b>	<b>40,129.55</b>	<b>25.4%</b>
<b>Other Expense</b>				
90216 • Non-Recur (Upper Dam Removal)	22,553.00	0.00	22,553.00	100.0%
90214 • Non-Recur (Lower Dam Removal)	21,785.25	0.00	21,785.25	100.0%
90213 • Non-Recurring (WTP Plant Demo)	1,485.00	0.00	1,485.00	100.0%
90212 • Non-Recurring (Clean HZD Hope)	50,288.03	0.00	50,288.03	100.0%
90210 • Interest Expenses Bonds	595,352.00	372,528.00	222,824.00	59.8%
90300 • Other Non-Reoccurring Expenses	0.00	0.00	0.00	0.0%



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11/25/20

Accrual Basis

**Bristol County Water Authority**  
**Profit & Loss Prev Year Comparison**  
**March through October 2020**

	Mar - Oct 20	Mar - Oct 19	\$ Change	% Change
Total Other Expense	691,463.28	372,528.00	318,935.28	85.6%
Net Other Income	-493,205.26	-214,399.53	-278,805.73	-130.0%
Net Income	4,212,533.39	3,182,416.21	1,030,117.18	32.4%

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11/25/20

Accrual Basis

**Bristol County Water Authority**  
**Profit & Loss Budget vs. Actual**  
 March through October 2020

	Mar - Oct 20	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
40000 • WATER	11,466,546.23	10,013,474.26	1,453,071.97	114.5%
41000 • FIRE SERVICES	212,101.70	204,464.64	7,637.06	103.7%
42000 • OTHER INCOME	42,161.08	79,333.36	-37,172.28	53.1%
Total Income	11,720,809.01	10,297,272.26	1,423,536.75	113.8%
Gross Profit	11,720,809.01	10,297,272.26	1,423,536.75	113.8%
Expense				
50100 • SALARIES & WAGES-Admin	699,599.37	705,556.89	-5,957.52	99.2%
50200 • OFFICE EXPENSES-Admin	60,130.19	65,833.32	-5,703.13	91.3%
50300 • ADMINISTRATIVE EXPENSES	228,830.13	253,520.08	-24,689.95	90.3%
50400 • EMPLOYEE BENEFITS	340,186.33	379,054.04	-38,867.71	89.7%
50450 • OPEB - Retiree Benefits	50,317.69	62,628.04	-12,310.35	80.3%
50500 • INSURANCE	110,683.70	175,413.40	-64,729.70	63.1%
50600 • PROFESSIONAL FEES	391,065.12	493,666.92	-102,601.80	79.2%
50700 • MAINTENANCE FEES	4,710.49	8,000.04	-3,289.55	58.9%
50800 • COMPUTER EXPENSES	66,638.88	91,000.12	-24,361.24	73.2%
50900 • TAXES	204,429.56	212,722.76	-8,293.20	96.1%
51000 • DEPRECIATION & AMORTIZATION	1,387,344.00	1,387,344.00	0.00	100.0%
60100 • SALARIES & WAGES -BILLING	238,276.23	240,421.83	-2,145.60	99.1%
60200 • BILLING & CUST SERVICE EXPENSES	73,847.81	77,933.48	-4,085.67	94.8%
70100 • SALARIES & WAGES -OPERATIONS	885,185.80	843,312.56	41,873.24	105.0%
70210 • Purchase Water (PROV)	1,698,416.79	1,690,000.00	8,416.79	100.5%
70220 • UTILITIES EXPENSES	53,415.86	50,933.44	2,482.42	104.9%
70300 • OPERATIONS MAINTENANCE EXPENSES	374,608.62	346,000.16	28,608.46	108.3%
70400 • OPERATIONS - OTHER Expenses	147,383.79	202,145.96	-54,762.17	72.9%
Total Expense	7,015,070.36	7,285,487.04	-270,416.68	96.3%
Net Ordinary Income	4,705,738.65	3,011,785.22	1,693,953.43	156.2%
Other Income/Expense				
Other Income				
90115 • Frerichs Farm - Land use Hay	2,450.00	0.00	2,450.00	100.0%
90110 • Interest Income - Investment	55,395.44	150,000.00	-94,604.56	36.9%
90120 • Interest Income - Late Pay'ts	1,903.58	6,666.68	-4,763.10	28.6%
90400 • Gain (Loss) Desp of Assets	5,588.00	-3,333.36	8,921.36	-167.6%
90510 • Capital Contributions	132,921.00	53,333.36	79,587.64	249.2%
90530 • Unrealized Gain/Loss Investment	0.00	0.00	0.00	0.0%
Total Other Income	198,258.02	206,666.68	-8,408.66	95.9%
Other Expense				
90216 • Non-Recur (Upper Dam Removal)	22,553.00			
90214 • Non-Recur (Lower Dam Removal)	21,785.25	0.00	21,785.25	100.0%
90213 • Non-Recurring (WTP Plant Demo)	1,485.00	0.00	1,485.00	100.0%
90212 • Non-Recurring (Clean HZD Hope)	50,288.03	66,666.68	-16,378.65	75.4%
90211 • Non-Recurring (Leak Pipeline)	0.00	0.00	0.00	0.0%
90210 • Interest Expenses Bonds	595,352.00	606,666.68	-11,314.68	98.1%
90215 • Interest Expense - Other	0.00	0.00	0.00	0.0%
90220 • Def Amount on Refunding Amort	0.00	0.00	0.00	0.0%
90230 • Debt Premium Amort 2004	0.00	0.00	0.00	0.0%
90300 • Other Non-Reoccurring Expenses	0.00	0.00	0.00	0.0%
90500 • Net Pension Expense	0.00	0.00	0.00	0.0%
90600 • OPEB Expense	0.00	0.00	0.00	0.0%
Total Other Expense	691,463.28	673,333.36	18,129.92	102.7%



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Accrual Basis

**Bristol County Water Authority**  
**Profit & Loss Budget vs. Actual**  
**March through October 2020**

	Mar - Oct 20	Budget	\$ Over Budget	% of Budget
Net Other Income	-493,205.26	-486,666.68	-26,538.58	105.7%
Net Income	4,212,533.39	2,545,118.54	1,667,414.85	165.5%

# Bristol County Water Authority DOLLARS BILLED

Rate Increase	10.00%	4.50%	3.25%	3.25%	3.25%	3.25%	4%	11%	3%	3%	9%
Month	FYE 2/28/21	FYE 2/29/20	FYE 2/28/19	FYE 2/28/18	FYE 2/28/17	FYE 2/29/16	FYE 2/28/15	FYE 2/28/14	FYE 2/28/13	FYE 2/29/12	FYE 2/28/11
March	913,295	853,489	1,082,268	1,062,187	973,057	858,812	801,137	783,079	726,966	685,306	651,228
April	1,211,810	1,060,287	1,159,853	1,066,621	1,220,703	1,020,783	1,039,385	1,019,061	890,372	846,186	915,264
May	1,316,504	1,066,703	932,621	897,423	901,355	751,646	831,110	825,771	857,184	914,861	776,743
June	1,077,140	1,089,424	1,107,682	1,093,512	966,204	1,187,322	979,454	919,418	852,822	727,189	765,253
July	1,532,298	1,282,786	1,272,501	1,227,655	1,255,828	1,255,714	1,212,318	1,130,719	1,094,920	994,250	1,105,779
August	1,757,519	1,389,788	1,488,068	1,284,904	1,339,470	1,126,483	1,218,162	1,176,859	1,075,645	1,202,153	1,089,941
September	1,177,369	981,438	1,156,214	1,106,672	1,219,011	1,140,603	982,732	930,271	856,173	886,657	809,923
October	2,015,599	1,777,970	1,501,668	1,380,222	1,341,150	1,245,910	1,256,156	1,273,654	1,157,107	1,056,960	1,176,900
November	-	1,351,041	1,114,566	1,164,261	1,042,177	1,075,799	1,010,052	905,738	864,278	783,718	841,625
December	-	928,015	897,447	894,922	973,391	1,011,171	875,996	874,292	691,567	737,462	742,369
January	-	1,261,627	1,259,079	1,141,717	1,085,463	1,061,229	1,123,048	1,064,797	1,023,630	1,033,134	898,053
February	-	987,548	989,254	825,990	804,506	800,310	881,658	842,427	682,429	715,587	835,341
Year TOTALS:	11,001,533	14,030,116	13,961,223	13,086,087	13,127,314	12,535,783	12,211,209	11,746,087	10,773,093	10,583,462	10,608,417
Variance	-21.59%	0.49%	6.69%	-0.28%	4.68%	2.66%	3.96%	9.03%	1.79%	-0.24%	15.09%
YTD TOTALS:	\$11,001,533	\$9,501,885	\$9,700,872	\$9,059,197	\$9,216,778	\$8,587,273	\$8,320,454	\$8,058,833	\$7,511,189	\$7,313,561	\$7,291,030
Variance	15.78%	-2.05%	7.08%	-1.71%	7.33%	3.21%	3.25%	7.29%	2.70%	0.31%	17.00%

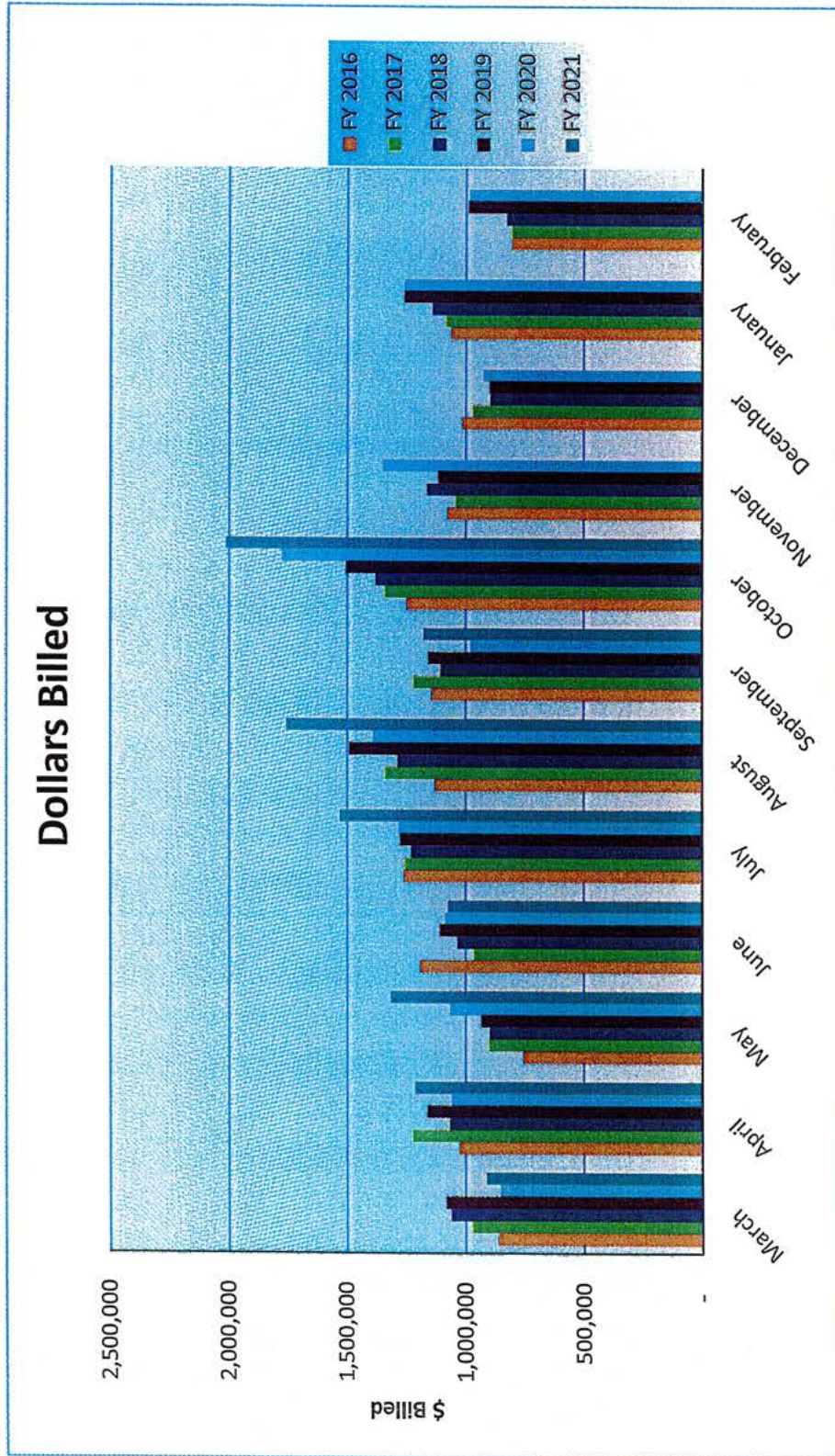
File: Board - Billed and Consumption

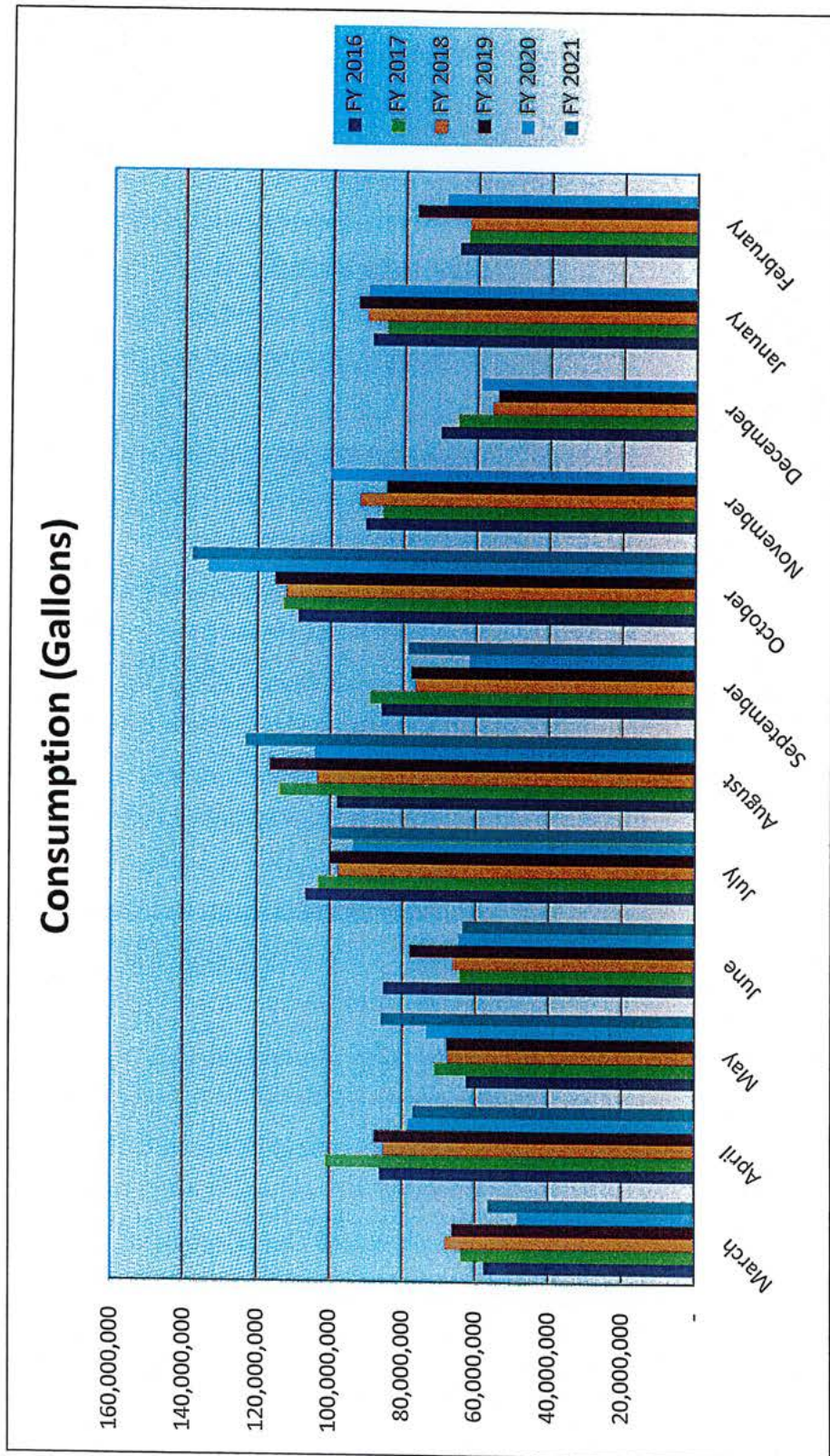
# Bristol County Water Authority Gallons Delivered (Consumption)

Month	FYE 2/28/21	FYE 2/29/20	FYE 2/28/19	FYE 2/28/18	FYE 2/28/17	FYE 2/29/16	FYE 2/28/15	FYE 2/28/14	FYE 2/28/13	FYE 2/29/12	FYE 2/28/11
March	56,480,054	48,692,333	66,393,127	68,189,315	64,031,375	57,601,236	54,865,000	52,743,000	57,628,000	55,806,000	67,154,000
April	77,280,974	78,605,111	87,808,065	85,127,795	101,242,617	86,332,984	90,145,000	96,372,000	92,250,000	90,725,000	92,943,000
May	86,123,516	73,640,720	67,939,450	67,576,621	71,358,267	62,490,289	69,769,000	73,933,000	85,597,000	97,654,000	83,640,000
June	63,744,105	64,745,063	78,138,297	66,111,841	64,536,343	85,376,913	70,136,000	68,356,000	68,368,000	60,776,000	66,893,000
July	99,651,408	93,846,153	100,276,820	97,863,562	103,521,330	106,956,605	107,382,000	105,685,000	113,225,000	111,341,000	119,708,000
August	123,467,920	104,631,510	116,686,394	103,546,017	114,163,052	98,336,219	110,285,614	110,286,000	112,718,000	130,137,000	122,402,000
September	79,014,322	62,044,422	77,969,974	76,712,418	89,444,332	86,204,311	80,191,734	72,628,000	75,010,000	80,974,000	75,362,000
October	138,034,175	133,804,418	115,372,730	112,205,177	113,305,730	109,268,982	112,435,620	115,565,000	120,189,000	112,658,000	131,856,000
November	-	100,614,961	84,898,876	92,093,354	86,082,371	90,764,729	88,386,000	83,425,000	88,692,000	82,139,000	92,967,000
December	-	59,151,519	54,358,442	55,836,171	65,464,735	70,229,384	60,989,676	63,961,000	59,012,000	60,301,000	63,875,000
January	-	90,344,296	92,953,669	90,438,722	85,196,771	89,121,901	99,107,008	98,921,000	102,175,000	105,981,000	97,401,000
February	-	68,908,239	77,056,544	62,288,775	62,903,839	65,301,648	73,712,408	74,309,000	67,989,000	74,065,000	85,640,000
Year TOTALS:	723,796,474	979,028,745	1,019,852,388	977,999,768	1,021,250,762	1,007,985,201	1,018,405,060	1,016,184,000	1,036,853,000	1,062,557,000	1,099,841,000
Variance	-26.07%	-4.00%	4.28%	-4.24%	1.32%	-1.02%	0.22%	-1.99%	-2.42%	-3.39%	5.51%
YTD TOTALS:	723,796,474	660,009,730	710,584,857	677,332,746	721,603,046	692,567,539	695,209,968	695,568,000	724,985,000	740,071,000	759,958,000
Variance	9.66%	-7.12%	4.91%	-6.13%	4.19%	-0.38%	-0.05%	-4.06%	-2.04%	-2.62%	9.23%

File: Board - Billed and Consumption









## Receipts, Disbursements and Transfers for Funds Held - Month Ended:

Receipts, Disbursements and Transfers for Funds Held - Month Ended:									
								October	2020
	2018 A Project Fund - TD Bank	Debt Service Reserve Funds	Revenue Fund	Debt Service Fund	O & M ACCOUNT Interest Only	Operations & Maintenance Reserve Fund	2019 A Project Fund - CHASE		Total
Account #	228619002	\$ reserve acct*	100618-001	100618-002	100618-013	100618-014			
September 30, 2020	\$0.00	\$3,335,445.70	\$16,892,183.66	\$423,205.78	\$0.00	\$1,305,000.00	\$10,652,789.24	\$32,519,624.38	OK
Receipts:									
Revenue from Operations			\$ 1,500,000.00					\$ 1,500,000.00	
Interest Income **	\$ -	\$ 27.35	\$ 138.02	\$ 2.87	\$ 5.17	\$ 10.70	\$ 88.66	\$ 272.77	
Grants/Loan Proceeds	\$ -			\$ -					
Transfers:									
From (to) Other Funds		\$ -	\$ (199,981.26)	\$ 199,997.13	\$ (5.17)	\$ (10.70)	\$ -	\$ 0.00	
To (From) Operating Cash		\$ -	\$ 1,050,000.00	\$ -				\$ 1,050,000.00	
Accounts									
Disbursements	\$ -	\$ -					\$ -	\$ -	
Project Expenditures:									
Distribution	\$ -						\$ -	\$ -	
Payment of Principal & Accrued Interest on Authority Notes	\$ -	\$ -	\$ 45,147.68				\$ -	\$ 45,147.68	
Payment of Bond Rate Lock/Fee(2)**			\$ -						
October 31, 2020	\$0.00	\$3,335,473.05	\$17,053,340.42	\$578,058.10	\$0.00	\$1,305,000.00	\$10,652,877.90	\$32,924,749.47	
WEAR TO DATE:									
February 29, 2020	\$155,341.27	\$3,326,702.80	\$15,554,265.44	\$1,152,424.79	\$0.00	\$1,305,000.00	\$11,584,972.88	\$33,078,706.88	OK
Receipts:									
Revenue from Operations			\$ 10,300,000.00					\$10,300,000.00	
Interest Income **	\$ 188.43	\$ 8,770.55	\$ 41,484.78	\$ 2,335.78	\$ 1,814.08	\$ 3,437.21	\$ 116,334.95	\$174,565.78	
Grants/Loan Proceeds	\$ -		\$ -	\$ -				\$0.00	
Transfers:									
From (to) Other Funds		\$ -	\$ (2,567,409.80)	\$ 2,572,664.22	\$ (1,814.08)	\$ (3,437.21)	\$ -	\$3.13	
To (From) Operating Cash		\$ -	\$ 6,275,000.00	\$ -				\$6,275,000.00	
Accounts									
Disbursements	\$ 155,529.70	\$ -					\$ 1,048,429.93	\$1,203,959.63	
Project Expenditures:									
Distribution	\$ -						\$ -	\$0.00	
Payment of Principal & Accrued Interest on Authority Notes	\$ -	\$ -		\$ 3,149,366.69			\$ -	\$3,149,366.69	**
Payment of Bond Rate Lock/Fee(2)**			\$ -						
October 31, 2020	\$0.00	\$3,335,473.05	\$17,053,340.42	\$578,058.10	\$0.00	\$1,305,000.00	\$10,652,877.90	\$32,924,749.47	OK

	Account #	3/31/2020	9/30/2020	Other +	Interest =	9/30/2020
DSRF 2011A	154902001	\$73,493.53	\$0.00	\$0.00	\$0.60	\$73,494.13
DSRF 2008	123724004	\$409,439.11	\$0.00	\$0.00	\$3.36	\$409,442.48
DSRF 2014 A	211164000	\$96,700.01	\$0.00	\$0.00	\$0.79	\$96,700.80
DSRF 2014 B	211520002	\$565,687.00	\$0.00	\$0.00	\$4.64	\$565,691.64
DSRF 2018 A	226619001	\$473,722.33	\$0.00	\$0.00	\$3.88	\$473,726.21
DSRF 2012B	201256000	\$50,812.25	\$0.00	\$0.00	\$0.42	\$50,812.67
DSRF 2018B	250125000	\$271,620.46	\$0.00	\$0.00	\$2.23	\$271,622.69
COI -2019*	269733003	\$3.88	\$0.00	\$0.00	\$0.00	\$3.88
DSRF-2019A*	269733001	\$1,393,957.14	\$0.00	\$0.00	\$11.43	\$1,393,978.57
TOTAL:		\$3,335,445.70	\$0.00	\$0.00	\$27.35	\$3,335,473.05

DEBT SERVICE RATIO \*  
at October 31, 2020  
6.60

\* assumes Rev fund balance & annual debt service (\$3313k) for calculation ( 8 months)





## Overview of Your Account - xxxxxx0020 BRISTOL CNTY WATER AUTH PENSION TUA

Investment Objective: Growth

### Activity Summary

	This Period (\$)	Year to Date
Beginning Market Value	4,196,919.85	4,481,372.10
Cash & Security Transfers	0.00	0.00
Contributions	35,120.00	110,139.59
Income & Capital Gain Distributions	1,193.30	20,574.82
Fees	-2,265.13	-9,186.62
Withdrawals	-14,854.35	-659,727.41
Change in Account Value	-33,020.36	239,920.83
Market Value on Oct 31, 2020	\$4,183,093.31	\$4,183,093.31

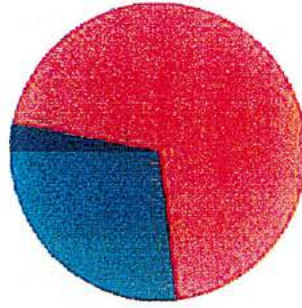
### Income Earned

	This Period (\$)	Year to Date
Taxable Income	0.00	0.00
Tax-Exempt Income	1,193.30	20,574.82
Tax-Deferred Income	0.00	0.00
Total Income Earned	\$1,193.30	\$20,574.82
Total Short Term Realized Capital Gain/Loss	\$3,697.61	\$3,420.21
Total Long Term Realized Capital Gain/Loss	\$8,235.27	\$107,773.23
Total Realized Capital Gain/Loss	\$11,932.88	\$111,193.44

### Asset Allocation on October 31, 2020

	Market Value (\$)	Percent
Cash	119,609.41	3%
Equities	2,929,632.16	70%
Fixed Income	1,133,851.74	27%
Total of Your Account	\$4,183,093.31	100%

This pie chart reflects managed assets only.



This summary is for your reference. It is not intended for tax-reporting purposes. Taxable income is taxable at the federal level and may be taxable at the state level. Income Earned amount shown is net of foreign tax withholding, if applicable.





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A Public Agency

**BRISTOL COUNTY WATER AUTHORITY**

**MEMO**

Date: December 10, 2020

To: BCWA Board Members

From: Pamela M. Marchand

RE: Pare Task Order Addendum: Inspection Services for 2020 Cleaning and Lining Project

Attached is a Task Order submitted by Pare Corp. for additional inspections services provided for this year's cleaning and lining project.

The attached memo from Sue Rabideau describes the situation (we underestimate the length of time required).

It is recommended that Pare Corp. be awarded an additional \$48,765 for inspections services for the project. The funds are available in the contingency allotted for the project.



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Date: December 8, 2020

To: Pam Marchand, PE Executive Director

From: Susan H. Rabideau, PE, Engineering Project Manager

Re: Task order Amendment, 2020 Water Main Renewal Contract, Inspection Services

Please see attached the Amendment request from Pare Engineering for Construction Inspection Services. During design, we estimated that this contract would be completed in approximately 14 weeks. Once we hired the contractor and received a construction schedule of 30 weeks, we realized that this was an underestimate. Also, several quarantines within the Walsh construction crews further delayed the completion of the work.

Pare is requesting an additional \$48,765 for inspection services. While the total cost of inspection was underestimated, we pay an hourly rate for services provided, in accordance with the approved Engineering Services contract. The additional funds needed will be paid from the previously approved contingency.



December 8, 2020

Pamela Marchand, P.E. – Executive Director/Chief Engineer  
Bristol County Water Authority  
450 Child Street, PO Box 447  
Warren, Rhode Island 02885

Re: **Contract Amendment No. 1**  
**Construction Services - 2020 Infrastructure Improvements**  
**Warren, Rhode Island**  
Pare Project No: 08146.33

Dear Ms. Marchand:

Pare Corporation is hereby requesting an amendment for additional services relative to our existing Contract referenced above. Specifically, Pare is requesting an Amendment to provide additional construction observation services for BCWA's 2020 Infrastructure Improvements Program. Pare's original task order from February 2020 included 612 hours of construction observation and was intended to extend from April through June of 2020. Due to COVID, construction did not begin until June 2020 but has extended significantly beyond the 3 months that were budgeted in the original task order. Construction work is on-going and expected to end on or around December 11, 2020.

Pare is requesting an additional 453 construction observation hours and approximately \$1,200 for project mileage. At \$105/hr for the construction observer, Pare's requested Contract Addendum is **Forty-Eight Thousand Seven Hundred Sixty-Five Dollars (\$48,765.00)**. A breakdown of Pare's original task order amount and requested addition is provided below.

Original Construction Project Management/Observation	612 hours	\$ 64,260.00
Original Project Management	8 hours	\$ 1,480.00
Original Mileage (\$0.575/mile)		<u>\$ 1,955.00</u>
	Subtotal	\$ 67,695.00
Additional Construction Project Management/Observation	453 hours	\$ 47,565.00
Original Mileage (\$0.575/mile)		<u>\$ 1,200.00</u>
	Additional Contract	\$ 48,765.00

Thank you for the opportunity to submit this Contract Addendum. If you have any questions, please contact us at your convenience.

Sincerely,



Timothy P. Thies, P.E.  
Senior Vice President

TPT/abv

Z:\JOBS\08 Jobs\08146.33 BCWA - 2020 Water Main Construction - RI\Admin\BCWA Contract Amendment 1 - 2020 Water Main Observation Services v2.docx

▼



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## BRISTOL COUNTY WATER AUTHORITY

### MEMO

Date: December 10, 2020

To: BCWA Board Members

From: Pamela M. Marchand

RE: FY2022 Draft Capital Budget and Operations and Maintenance Budget

The budgets were reviewed by the Finance Committee on December 8<sup>th</sup>.

The Draft 10 year capital plan is attached to provide a guide to future projects, including the Pawtucket Pipeline. The plan provided includes funding for the full project, without East Providence participation. A 10 year plan was also developed with 50% participation on the pipeline project by East Providence. Mark Champagne will describe the difference in projected costs and proposed rate increases based on each scenario.

The itemized costs are categorized by color coding the various categories:

- Green for capital cash projects

- Blue for infrastructure cash projects

- Brown for bank bond financed projects

- Pink for Infrastructure Bank financed projects (Pawtucket Pipeline Phase 2)

The proposed capital budget for FY2022 is attached separately.

The proposed FY2022 Operations and Maintenance budget is provided with a comparison to FY2021.



# BCWA INFRASTRUCTURE & CAPITAL PLAN

DRAFT

Projects		
Fiscal Year (March 1)	2021	2022
<b>Computer Program/SCADA</b>		
Computer system/GIS/Security	\$0	\$25,000
SCADA/ Instrumentation	\$25,000	\$25,000
Sub total	\$25,000	\$50,000
<b>FACILITIES</b>		
Pump Stations (Nayatt trans/wall)	\$40,000	\$25,000
Distribution/garage/storage	\$20,000	\$250,000
Admin Facility (point bldg, roof)	\$200,000	\$200,000
Elevator	\$250,000	\$400,000
Admin 2nd floor	\$80,000	\$70,000
General	\$50,000	\$50,000
Sub total	\$640,000	\$995,000
<b>SUPPLY</b>		
Pawtucket Pipeline /EP Conn	\$6,000,000	\$6,000,000
PP I+II design/permits/lease/inspection	\$1,200,000	\$385,000
Treatment/PS land/Easements	\$150,000	\$150,000
Sub total	\$7,350,000	\$6,535,000
<b>DISTRIBUTION</b>		
Hope St PS & tank	\$1,800,000	\$2,000,000
		\$800,000
Hope St Property		
Pump Stations equip	\$20,000	\$30,000
Water Tanks - THM, Barr Repl., Metacom		
Tank Painting/ Improvements	\$80,000	\$50,000
Water Main Rehab / C&L	\$2,500,000	\$2,500,000
Main projects	\$80,000	\$200,000
Equipment (hydrants, valves, etc)	\$50,000	\$50,000
Service replacements	\$100,000	\$100,000
Leak Detect. Equip		\$25,000
Sub total	\$4,610,000	\$5,755,000
<b>Miscellaneous</b>		
Meter install	\$150,000	
Meters & equipment	\$0	\$50,000
Meter Program/large/collectors	\$50,000	\$50,000
Vehicles & equip. (inc. dump & bn)	\$200,000	\$70,000
Office Equip	\$30,000	\$30,000
Sub total	\$430,000	\$200,000
<b>Total all Projects</b>	<b>\$13,055,000</b>	<b>\$13,535,000</b>
<b>Financed by:</b>		
IFR CAPITAL - Cash	\$660,000	\$705,000
Capital/Expense Items- Cash	\$895,000	\$1,145,000
<b>Total CASH</b>	<b>\$1,555,000</b>	<b>\$1,850,000</b>
<b>BOND - CHASE</b>		<b>\$8,385,000</b>
<b>BOND - New IFR EXPENSE</b>	<b>\$10,300,000</b>	<b>\$3,300,000</b>
<b>BOND - RIIB</b>	<b>\$1,200,000</b>	<b>\$0</b>
<b>Total PP2</b>		
<b>Total</b>	<b>\$13,055,000</b>	<b>\$13,535,000</b>

**BRISTOL COUNTY WATER AUTHORITY**

**Operations & Maintenance**

**BUDGET DRAFT**

**Assumption - 4.0% rate increase effective 3/1/21**

Fiscal Year

**2022**

Pending Board Approval

**\$9,243,726**

O&M Budget Prepared by: Mark Champagne

Review: Joe G., Pam M., Ken B., Mike C., & Sue R.



**BCWA**  
**BUDGET FY 2022**  
**UPDATED 12/2/2020**

**Income**

**40000 · WATER**

40010 · Residential Sales Quarterly  
40030 · Commercial Sales Quarterly  
40032 · Commercial Sales Monthly  
40035 · Municipal Sales Quarterly  
40038 · Municipal Sales Monthly  
40040 · Industrial sales Quarterly  
40045 · Industrial sales Monthly  
**TOTAL:**

**41000 · FIRE SERVICES**

41010 · Private Fire Prot Serv billed  
41020 · Public Fire Prot Serv Billed\*\*  
\*\* Termination of Hydrant Billing FY2021

**TOTAL:**

**42000 · OTHER INCOME**

42100 · Reconnection Charges  
42200 · OTHER MISC SERV REVENUES  
43000 · Water Protect Charge  
42300 · Tagging Fees  
**TOTAL:**

**Total Income**

**Gross Profit**

**Expense**

**50100 · SALARIES & WAGES-Admin**

50110 · Admin Management Salary  
50115 · Admin. Staff Salary & Wages  
50125 · OVERTIME - Administration  
50130 · Directors wages  
50135 · Collected TDJWC Programs

**TOTAL:**

**50200 · OFFICE EXPENSES-Admin**

50205 · Telephone  
50210 · Electric Utility  
50215 · Gas Utility  
50220 · Office supplies & forms  
50223 · Office Equipment Expense  
50225 · Payroll Services  
50235 · Admin Postage & Express Del  
50240 · Transportation (less Mileage Pers. Use)  
50245 · Employee Education

FY2021	FY2022
FINAL Budget	DRAFT Budget
w/ 10% Rate Increase	DRAFT Budget
BOARD APPROVED 1/13/20	DRAFT Budget

\$ 11,051,100.44  
\$ 1,750,474.91  
\$ 632,429.64  
\$ 189,729.98  
\$ 65,501.64  
\$ 1,129.34  
\$ 49,690.90  
\$ **13,740,057**

\$ 306,697.05  
\$ -  
\$ **306,697**

\$ **317,370**

\$ 52,000  
\$ 44,000  
\$ 16,000  
\$ 7,000  
\$ **119,000**

\$ **14,165,754**

\$ **14,165,754**

Assume 3.0% Increase 3/1/20  
\$ 835,507  
\$ 202,529  
\$ 2,500  
\$ 9,500  
\$ -  
\$ -  
\$ **1,050,036**

Assume 3.0% Increase 3/1/21\*  
\$ 1,057,371  
\$ 70,549  
\$ -  
\$ 9,500  
\$ -  
\$ -  
\$ **1,137,420**

\$ 24,000  
\$ 18,000  
\$ 5,500  
\$ 1,000  
\$ 1,500  
\$ 8,000  
\$ 900  
\$ 350  
\$ 23,000

<<<<Net (87%) of increase >>>>>>

4.00%

Rate Increase

Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.

3.48% Difference

Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C.

3.48%

Per Rate Analysis - Mark C. & Joe  
Per Rate Analysis - Mark C. & Joe  
Per Rate Analysis - Mark C.  
Per Rate Analysis - Mark C. & Joe

-4.20% ok

Per Rate Analysis w/conservation

3.42% ok

Per Payroll Analysis  
Per Payroll Analysis  
Per Payroll Analysis  
Per Payroll Analysis  
Per Payroll Analysis  
Per Payroll Analysis

8.32% ok

Mark C.  
Mark C.  
Mark C.  
Mark C.  
Mark C.  
Mark C.  
Mark C.  
Mark, Pam, Mike

BCWA BUDGET FY 2022		FY2021 FINAL Budget	FY2022 DRAFT Budget	
50250 - Employee Rewards Program		\$ 750	\$ 750	Mark, Pam, Mike
50260 - Printing Exp		\$ 250	\$ 250	Mark C.
50265 - Janitorial & Trash		\$ 15,000	\$ 15,000	Mark, Pam, Mike
50270 - Misc Office Expenses		\$ 500	\$ 500	Mark C.
<b>TOTAL:</b>		<b>\$ 98,750</b>	<b>\$ 94,400</b>	<b>-4.41%</b>
50300 - ADMINISTRATIVE EXPENSES				
50310 - Subscriptions & Publications		\$ 4,000	\$ 3,500	Mark, Pam, Mike
50315 - Public Relations		\$ 25,000	\$ 20,000	Mark, Pam, Mike
50320 - Advertising		\$ 3,500	\$ 6,500	Mark, Pam, Mike
50325 - Auto Expenses (Exec Dir)		\$ 1,000	\$ -	Mark, Pam, Mike
50330 - Prof Dues / Licensing Fees		\$ 17,000	\$ 15,000	Mark, Pam, Mike
50335 - Bank SIC & VANCO		\$ 6,000	\$ 5,000	Mark C.
50340 - Trustee Fees		\$ 4,000	\$ 4,000	Mark C.
50345 - Admin Misc. Expenses		\$ 3,000	\$ 3,000	Mark, Pam, Mike
50350 - Conferences/Training/Certification		\$ 15,000	\$ 15,000	Mark, Pam, Mike
50355 - Public Conservation/Education Programs		\$ 1,000	\$ 1,000	Mark, Pam, Mike
50360 - Admin & Gen Rents (Anawan)		\$ 1,000	\$ 1,000	Mark C.
50370 - Internet & Security Exp (COX) VIDEO		\$ 23,000	\$ 35,000	Mark, Pam, Mike
50415 - Pension Funding Exp		\$ 325,000	\$ 300,000	Mark C.
50435 - OPEB Trust Funding for year		\$ 125,000	\$ 125,000	Mark C.
<b>TOTAL:</b>		<b>\$ 553,500</b>	<b>\$ 534,000</b>	<b>-3.52%</b>
50400 - EMPLOYEE BENEFITS				
50405 - EE Group Health & Dental 100% &HRA		\$ 469,102	\$ 492,373	Estimated NEW 2021 RATES
50406 - HRA/London Health (Estimate)		\$ 50,000	\$ 50,000	Per Payroll Analysis - Mark
50410 - Group Life & Disability		\$ 5,310	\$ 3,060	Per Payroll Analysis - Mark
50420 - Plan 457B Matching Exp.		\$ 135,000	\$ 208,500	Per Joe Analysis
50425 - Employee Contrib to Benefits (18/20%)		\$ (90,831)	\$ (96,177)	Per Payroll Analysis - Mark
<b>SUBTOTAL</b>		<b>\$ 568,581</b>	<b>\$ 657,756</b>	<b>15.68%</b>
50450 - OPEB Retire Benefits				
50411 - Retiree's Group Life		\$ 1,639	\$ 1,892	Per Payroll Analysis - Mark
50427 - Retiree Contrib. to Benefits (Plan65 20%)		\$ (23,076)	\$ (23,593)	Per Payroll Analysis - Mark
50423 - COBRA Receipts towards Health		\$ -	\$ -	Per Payroll Analysis - Mark
50408 - Retiree Plan 65/Dental 100% -NEW		\$ 115,379	\$ 117,964	Per Payroll Analysis - Mark
50407 - Retiree Direct Health Reimbursement		\$ -	\$ -	Per Payroll Analysis - Mark
<b>SUBTOTAL</b>		<b>\$ 93,942</b>	<b>\$ 96,263</b>	<b>2.47%</b> ok
<b>TOTAL:</b>		<b>\$ 662,523</b>	<b>\$ 754,018</b>	<b>13.81%</b>
50500 - INSURANCE				
50505 - Property		\$ 66,000	\$ 60,000	Estimate
50510 - Worker Comp Insurance		\$ 71,500	\$ 60,000	Per Insurance Analysis - Mark C.
50515 - Auto & Truck Insurance		\$ 33,000	\$ 34,000	Per Insurance Analysis - Mark C.
50520 - General Liability Insurance		\$ 79,200	\$ 55,000	Per Insurance Analysis - Mark C.
50525 - Directors Insurance		\$ 6,600	\$ 6,000	Per Insurance Analysis - Mark C.
50530 - Crime Insurance		\$ 2,420	\$ 3,000	Per Insurance Analysis - Mark C.
50535 - Cyber Liability Insurance		\$ 4,400	\$ 6,000	Per Insurance Analysis - Mark C.



BCWA BUDGET FY 2022		FY2021 FINAL Budget	FY2022 DRAFT Budget	
TOTAL:		\$ 263,120	\$ 224,000	-14.87%
50600 · PROFESSIONAL FEES				
50605 · Legal Expenses (TOTAL)		\$ 327,500	\$ 260,000	
50606 - General Billings		\$ 60,000	\$ 75,000	Pam & Mark C.
50607 - North Farms		\$ 100,000	\$ 100,000	Pam & Mark C.
50608 - Prov Water Docket		\$ 150,000	\$ 50,000	Pam & Mark C.
50609 - NegotiationsHR		\$ 2,500	\$ 20,000	Pam & Mark C.
50611 - Bond.SRF, WIFIA		\$ 15,000	\$ 15,000	Pam & Mark C.
50610 · Consulting Engineers (TOTAL)		\$ 345,000	\$ 245,000	
50612 - General Consulting		\$ 25,000	\$ 25,000	Mike, Dave, Sue R.
50613 - Dam Removal		\$ 200,000	\$ 100,000	Mike, Dave, Sue R.
50614 - Nayatt Rd Resiliency/Demo Improvements		\$ 20,000	\$ 20,000	Mike, Dave, Sue R.
50616 - RIWRB & DOH Studies		\$ 10,000	\$ 10,000	Mike, Dave, Sue R.
50617 - Asset Mgt/GIS/ Hydraulic Model		\$ 20,000	\$ 20,000	Mike, Dave, Sue R.
50618 - EPA Risk & Resiliency Improvements		\$ 20,000	\$ 20,000	Mike, Dave, Sue R.
50619 - Facility Removals		\$ 50,000	\$ 50,000	Mike, Dave, Sue R.
50615 - Audit Fees		\$ 23,000	\$ 24,000	Mark C.
50620 - Actuary Fees		\$ 10,000	\$ 10,000	Mark C.
50625 - General & Financial Consultants		\$ 35,000	\$ 40,000	Mark C.
TOTAL:		\$ 740,500	\$ 579,000	-21.81%
50700 · MAINTENANCE FEES				
50705 - Structure & Imp Maint		\$ 2,000	\$ 2,000	Mark C.
50710 - Equip, Furn, Copier Maint		\$ 4,500	\$ 4,500	Mark C.
50720 - Communications & Alarm Maint		\$ 5,500	\$ 5,500	Mark C.
50700 · MAINTENANCE FEES - Other		\$ -	\$ -	
TOTAL:		\$ 12,000	\$ 12,000	0.00%
50800 · COMPUTER EXPENSES				
50805 - Computer Supplies		\$ 2,000	\$ 3,000	RANDY
50810 - Computer Software Maintenance		\$ 75,000	\$ 80,000	RANDY
50812 - Computer Hardware Maint.		\$ 4,000	\$ 5,000	RANDY
50815 - Computer Software Exp.		\$ 12,000	\$ 15,000	RANDY
50816 - Microsoft Office 365		\$ 5,000	\$ 7,500	RANDY
50817 - Cyber Security Expenses		\$ -	\$ 2,000	RANDY
50820 - Computer Consultant Fees		\$ 10,000	\$ 15,000	RANDY
50822 - Scada Software Updates		\$ -	\$ 20,000	Randy
50823 - Sedaru Subscriptions Exp		\$ -	\$ 6,000	RANDY
50824 - Backup and Data Recovery		\$ -	\$ 5,000	RANDY
50825 - Computer Equipment Expenses		\$ 18,000	\$ 25,000	RANDY
50827 - Neptune 360 Software Exp.		\$ -	\$ 30,000	RANDY
50830 - Computer Other Expenses		\$ 3,500	\$ 5,000	RANDY
50835 - Computer Conference/Education		\$ 7,000	\$ 7,000	RANDY
TOTAL:		\$ 136,500	\$ 225,500	65.20%
50900 · TAXES				

Pending 21% Rate Increase

BCWA BUDGET FY 2022		FY2021 FINAL Budget	FY2022 DRAFT Budget	
50905 · Pilot and Property Taxes**		\$ 114,000	\$ 38,550	ok
50910 · Payroll FICA & Medi (ER)		\$ 203,689	\$ 217,723	Per Payroll Analysis
<b>TOTAL:</b>		<b>\$ 317,689</b>	<b>\$ 256,273</b>	<b>-19.33%</b>
** Assumes Termination/reduction of Pilots Taxes				
51005 - DEPRECIATION (NON CASH) (Not in Budget)		\$ 1,750,000	\$ 1,850,000	
		Assume 3.00% Inc. 6/1/20	Assume 3.00% Inc. 6/1/21	
60100 · SALARIES & WAGES -BILLING		\$ 111,867	\$ 87,922	Per Payroll Analysis - Mark*
60105 · Customer Service Wages*		\$ 110,997	\$ 104,491	Per Payroll Analysis - Mark
60110 · Billing & Collections Wages		\$ 123,993	\$ 130,799	Per Payroll Analysis - Mark
60115 · Accounting & Payroll Wages		\$ 11,400	\$ 10,400	Per Payroll Analysis - Mark
60120 · ON CALL - Billing \$200/wk & \$1k Overtime		\$ -	\$ -	
60135 · Collected TDIWC Programs		\$ 358,257	\$ 333,612	-6.88% ok No Overlap Training
<b>TOTAL:</b>		<b>\$ 358,257</b>	<b>\$ 333,612</b>	<b>-6.88%</b>
60200 · BILLING & CUST SERVICE EXPENSES		Assumes Quarterly Billing	Quarterly/Monthly billing?	Assumes 6 mos of monthly Billing
60205 · Collect Agency & Other Exp		\$ 5,000	\$ 5,000	Joe G.
60210 · Express Delivery (UPS,FedEx)		\$ 100	\$ 100	Joe G.
60215 · Postage		\$ 5,000	\$ 5,000	Joe G.
60217 · Bill Printing & postage (3rd party)		\$ 40,000	\$ 100,000	Joe G.
60220 · Billing Supplies		\$ 13,000	\$ 14,000	Joe G.
60222 · Lock Box (3rd Party Bank) Pending		\$ 5,000	\$ 24,000	Joe G.
60225 · Postage Meter Lease		\$ 2,000	\$ 2,000	Joe G.
60230 · MISC Billing Expenses		\$ 300	\$ 300	Joe G.
60240 · Uncollectible Expense Accounts		\$ 50,000	\$ 50,000	Joe G.
<b>TOTAL:</b>		<b>\$ 120,400</b>	<b>\$ 200,400</b>	<b>66.45%</b>
70100 · SALARIES & WAGES -OPERATIONS		Assume 3.00% Inc. 6/1/20	Assume 3.00% Inc. 6/1/21	
70101 · Operations -Salary		\$ 1,179,000	\$ 1,276,555	Per Payroll Analysis
70117 · OVERTIME - Operations 8%		\$ 86,713	\$ 98,469	Per Payroll Analysis
70118 · OVERTIME - Meter Install 2% (SAT)		\$ -	\$ 24,000	Saturday meter OT Estimate
70135 · Collected TDIWC State programs				
<b>TOTAL:</b>		<b>\$ 1,265,713</b>	<b>\$ 1,399,024</b>	<b>10.53%</b>
70210 · Purchase Water (PROV)		<b>\$ 2,475,000</b>	<b>\$ 2,700,000</b>	<b>9.09%</b>
				ADD 10% for Rate Hikel
				ADDED 10% in FY 2021
70220 · UTILITIES EXPENSES				
70225 · Power - Electric - pumps		\$ 35,000	\$ 36,000	Mark C. & Mike & Dave
70230 · Telephone		\$ 6,000	\$ 10,000	Mark C. & Mike & Dave
70240 · Gas utility		\$ 6,800	\$ 6,000	Mark C. & Mike & Dave
70243 · Electric - 472 Child Operations		\$ 20,000	\$ 23,000	Mark C. & Mike & Dave
70245 · Electric Utility Poles & Lots Lights		\$ 8,600	\$ 9,100	Mark C. & Mike & Dave
<b>TOTAL:</b>		<b>\$ 76,400</b>	<b>\$ 84,100</b>	<b>10.08%</b>
70300 · OPERATIONS MAINTENANCE EXPENSES				
70320 · Yard & Landscape Maint		\$ 24,000	\$ 15,000	Mike, Dave
70325 · Dams & Reservoirs, ROW's Maint Exp		\$ 50,000	\$ 25,000	Mike, Dave
70330 · Buildings - Maint Expense		\$ 30,000	\$ 35,000	Mike, Dave



BCWA BUDGET FY 2022		FY2021 FINAL Budget	FY2022 DRAFT Budget	
70333 - Pump Station & Equipment Maint.		\$ 25,000	\$ 30,000	Mike, Dave
70335 - Equipment - Maint Expense		\$ 25,000	\$ 15,000	Mike, Dave
70340 - Tanks - Maint Expense		\$ 15,000	\$ 20,000	Mike, Dave
70345 - MAINS Maint Expense		\$ 145,000	\$ 145,000	Mike, Dave
70347 - Add Maint Mains PAVING Bristol		\$ 100,000	\$ -	Mike, Dave
70350 - Services - Maint Expense		\$ 70,000	\$ 60,000	Mike, Dave
70355- Maint of Meters		\$ 10,000	\$ 30,000	Mike, Dave
70360 - Hydrants - Maint. Expense		\$ 20,000	\$ 15,000	Mike, Dave
70365 - Miscellaneous - Maint Expense		\$ 5,000	\$ 5,000	Mike, Dave
<b>TOTAL:</b>		<b>\$ 519,000</b>	<b>\$ 395,000</b>	<b>-23.89%</b>
70400 - OPERATIONS - OTHER Expenses				
70401 - Auto/Truck/Gasoline/Fuel -NEW		\$ 45,000	\$ 40,000	Mark C., Mike & Dave
70403 - Auto/Truck/Transportation Exp.		\$ 6,000	\$ 10,000	Mark C., Mike & Dave
70402 - Auto/Truck Registration Fees		\$ 2,500	\$ 2,500	Mark C., Mike & Dave
70406 - Auto/Truck Major Repairs >\$250		\$ 6,500	\$ 6,500	Mark C., Mike & Dave
70480 - Trans. Reimburse Pers. Use (PAM)		\$ (3,000)	\$ (3,000)	Mark C., Mike & Dave
70407 - Charts and Graphs		\$ -	\$ -	Mark C., Mike & Dave
70409 - Heavy Equip Maintenance		\$ 15,000	\$ 15,000	Mark C., Mike & Dave
70410 - Chemicals & Lab Equipment		\$ 10,000	\$ 10,000	Mark C., Mike & Dave
70415 - Damages & Injury Reimbursement		\$ 5,000	\$ 5,000	Mark C., Mike & Dave
70420 - Dig Safe		\$ 10,000	\$ 10,000	Mark C., Mike & Dave
70423 - Freight In Expense		\$ 2,500	\$ 2,000	Mark C., Mike & Dave
70425 - Tools & Small Equip		\$ 35,000	\$ 35,000	Mark C., Mike & Dave
70430 - Inventory Adjustments		\$ 1,000	\$ 1,000	Mark C., Mike & Dave
70435 - License Fee (DOH)		\$ 25,479	\$ 25,479	Mark C., Mike & Dave
70445 - Maps & Records		\$ 500	\$ 500	Mark C., Mike & Dave
70450 - Meter Expenses		\$ 1,000	\$ 1,000	Mark C., Mike & Dave
70452 - Meter Disposal Exp.		\$ -	\$ 5,000	Mark C., Mike & Dave
70455 - Misc. Operations Expenses		\$ 4,000	\$ 6,000	Mark C., Mike & Dave
70460 - Samples Testing		\$ 65,000	\$ 60,000	Mark C., Mike & Dave
70465 - Street Permits		\$ -	\$ -	Mark C., Mike & Dave
70470 - Supplies - Operations		\$ 20,000	\$ 12,000	Mark C., Mike & Dave
70475 - Tank Expenses / Communications		\$ 5,000	\$ 4,000	Mark C., Mike & Dave
70485 - Uniforms, Shoes, Safety Equipment, Etc.		\$ 13,000	\$ 25,000	Mark C., Mike & Dave
70486 - S.A.T. (CDL)		\$ -	\$ 5,000	Mark C., Mike & Dave
70487 - COVID PPE Etc. Exp.		\$ -	\$ 20,000	Mark C., Mike & Dave
70490 - Waste Disposal		\$ 15,000	\$ 12,000	Mark C., Mike & Dave
70495 - Meals Expenses		\$ 6,000	\$ 5,000	Mark C., Mike & Dave
<b>TOTAL:</b>		<b>\$ 290,479</b>	<b>\$ 314,979</b>	<b>8.43%</b>
<b>Total Operations Expense BUDGET</b>		<b>\$ 8,939,867</b>	<b>\$ 9,243,726</b>	<b>Budget Change for FY2022</b>
Net Income before Other Income & Expenses		<b>\$ 5,225,887</b>	<b>\$ 5,405,854</b>	<b>3.40%</b>
				<b>3.44%</b>

BCWA BUDGET FY 2022		FY2021 FINAL Budget	FY2022 DRAFT Budget	
Other Income				
90110 - Interest Income - Investment		\$ 225,000	\$ 10,000	Mark C. Estimate
90120 - Interest Income - Late Payments		\$ 10,000	\$ 10,000	Mark C. Estimate
90400 - Gain (Loss) Disp of Assets		\$ (5,000)	\$ -	Mark C. Estimate
90510 - Capital Contributions		\$ 80,000	\$ 120,000	Sue R, Mike, Pam
90600 - Unrealized Gain/Loss Investment		\$ -	\$ -	
Total Other Income		\$ 310,000	\$ 140,000	-54.84%
Other Expense				
90210 - Interest Expenses Bonds		\$ 910,000	\$ 800,000	Mark C.
90211 - Non-Recurring (Water Leak Pipeline)		\$ -	\$ -	Board Vote \$500K & \$300K Apr & May FY2020
90212 - Non-Recurring (Clean Contamination Hope Tank)		\$ 100,000	\$ 50,000	
90213 - Non-Recurring (WTP Plant Demo) EXPENSE		\$ -	\$ 1,000,000	FY 2022 ???
90214 - Non-Recurring (Removal of Dams) EXPENSE		\$ -	\$ 20,000	FY 2023 ???
90215 - Interest Expense - Other		\$ -	\$ -	
Total Other Expense		\$ 1,010,000	\$ 1,870,000	85.15%
Net Other Income/Expense		\$ (700,000)	\$ 5,405,854	19.44%
Net Income before Depreciation (non Cash)		\$ 4,525,887	\$ -	
less Depreciation (non Cash)		\$ (1,750,000.00)	\$ (1,850,000.00)	Mark C.
Net Income		\$ 2,775,886.91	\$ 3,555,854.49	28.10%



BCWA		DRAFT		Reduced IFR Revised												12/8/2020		
INFRASTRUCTURE & CAPITAL PLAN			FY2022-FY 2031		10 Year Capital Plan - Includes full cost of Pawtucket Pipeline													
Projects						Years 1 to 5					5 Year	Years 6 to 10					5 Year	10 Year
Fiscal Year (March 1)		2021		2021	2022	2023	2024	2025	2026	SUM	2027	2028	2029	2030	2031	SUM	Total	
			to date	remainder														
Computer Program/SCADA																		
Computer system/GIS/Security		\$0			\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$25,000	\$25,000	\$25,000	\$50,000	\$50,000	\$175,000	\$300,000	
SCADA/ Instrumentation		\$25,000	\$9,975		\$25,000	\$25,000	\$25,000	\$25,000	\$50,000	\$150,000	\$25,000	\$50,000	\$25,000	\$25,000	\$25,000	\$150,000	\$300,000	
Sub total		\$25,000			\$50,000	\$50,000	\$50,000	\$50,000	\$75,000	\$275,000	\$50,000	\$75,000	\$50,000	\$75,000	\$75,000	\$325,000	\$600,000	
FACILITIES																		
Pump Stations (Nayatt trans/wall)		\$40,000			\$25,000	\$80,000	\$50,000	\$25,000	\$25,000	\$205,000	\$25,000	\$25,000	\$25,000	\$50,000	\$50,000	\$175,000	\$380,000	
Distribution/garage/storage		\$20,000			\$250,000	\$750,000	\$750,000	\$100,000	\$50,000	\$1,900,000	\$25,000	\$25,000	\$50,000	\$50,000	\$50,000	\$200,000	\$2,100,000	
Admin Facility (point bldg, roof)		\$200,000	\$0	\$0	\$200,000	\$200,000	\$50,000	\$50,000	\$20,000	\$520,000	\$50,000	\$20,000	\$30,000	\$50,000	\$50,000	\$200,000	\$720,000	
Elevator		\$250,000	\$0		\$400,000					\$400,000						\$0	\$400,000	
Admin 2nd floor		\$80,000	\$3,170	\$10,000	\$70,000					\$70,000						\$0	\$70,000	
General		\$50,000			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$50,000	\$50,000	\$50,000	\$20,000	\$20,000	\$190,000	\$440,000	
Sub total		\$640,000			\$995,000	\$1,080,000	\$900,000	\$225,000	\$145,000	\$3,345,000	\$150,000	\$120,000	\$155,000	\$170,000	\$170,000	\$765,000	\$4,110,000	
										\$3,345,000								
SUPPLY																		
Pawtucket Pipeline /EP Conn		\$6,000,000	\$2,776,927		\$6,000,000	\$2,000,000	\$7,000,000	\$10,000,000	\$10,000,000	\$35,000,000	\$6,000,000					\$6,000,000	\$41,000,000	
PP I+II design/permits/lease/inspection		\$1,200,000	\$322,000	\$100,000	\$385,000	\$2,000,000	\$500,000	\$1,100,000	\$800,000	\$4,785,000	\$400,000					\$400,000	\$5,185,000	
Treatment/PS land/Easements		\$150,000		\$0	\$150,000	\$700,000	\$200,000	\$50,000		\$1,100,000	\$5,000,000		\$50,000	\$50,000	\$50,000	\$5,150,000	\$6,250,000	
Sub total		\$7,350,000			\$6,535,000	\$4,700,000	\$7,700,000	\$11,150,000	\$10,800,000	\$40,885,000	\$11,400,000	\$0	\$50,000	\$50,000	\$50,000	\$11,550,000	\$52,435,000	
										\$40,885,000								
DISTRIBUTION																		
Hope St PS & tank		\$1,800,000	\$28,375	\$200,000	\$2,000,000					\$2,000,000						\$0	\$2,000,000	
					\$800,000					\$800,000						\$0	\$800,000	
Hope St Property			\$346,499							\$0						\$0	\$0	
Pump Stations equip		\$20,000			\$30,000	\$30,000	\$30,000	\$50,000	\$50,000	\$190,000	\$50,000	\$50,000	\$100,000	\$50,000	\$50,000	\$300,000	\$490,000	
Water Tanks - THM, Barr Repl., Metacom								\$2,500,000		\$2,500,000	\$2,500,000					\$2,500,000	\$5,000,000	
Tank Painting/ Improvements		\$60,000			\$50,000	\$50,000	\$50,000	\$1,000,000	\$1,000,000	\$2,150,000				\$300,000	\$300,000	\$600,000	\$2,750,000	
Water Main Rehab / C&L		\$2,500,000	\$650,000	\$1,850,000	\$2,500,000	\$2,000,000	\$1,500,000	\$1,500,000	\$1,000,000	\$8,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$6,000,000	\$14,500,000	
Main projects		\$80,000	\$72,612		\$200,000	\$200,000	\$250,000	\$250,000	\$300,000	\$1,200,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$3,700,000	
Equipment (hydrants, valves, etc)		\$50,000			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$50,000	\$50,000	\$50,000	\$200,000	\$200,000	\$550,000	\$800,000	
Service replacements		\$100,000	\$68,195		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$875,000	
Leak Detect. Equip					\$25,000				\$25,000	\$50,000					\$25,000	\$100,000	\$150,000	
Sub total		\$4,610,000			\$5,755,000	\$2,430,000	\$1,980,000	\$5,450,000	\$2,525,000	\$18,140,000	\$4,175,000	\$1,675,000	\$1,725,000	\$2,625,000	\$2,650,000	\$12,850,000	\$30,990,000	
										\$18,140,000								
Miscellaneous																		
Meter install		\$150,000																
Meters & equipment		\$0			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$50,000	\$50,000	\$100,000	\$200,000	\$200,000	\$600,000	\$850,000	
Meter Program/large/collectors		\$50,000	\$42,210		\$50,000	\$25,000			\$25,000	\$100,000				\$50,000		\$50,000	\$150,000	
Vehicles & equip (inc. dump & bh)		\$200,000	\$165,342		\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$150,000	\$70,000	\$70,000	\$150,000	\$70,000	\$510,000	\$860,000	
Office Equip		\$30,000			\$30,000	\$20,000	\$20,000	\$20,000	\$30,000	\$130,000	\$30,000	\$20,000	\$20,000	\$30,000	\$30,000	\$130,000	\$260,000	
Sub total		\$430,000			\$200,000	\$165,000	\$140,000	\$150,000	\$175,000	\$830,000	\$230,000	\$140,000	\$190,000	\$430,000	\$300,000	\$1,290,000	\$2,120,000	
										\$830,000								
Total all Projects		\$13,055,000			\$13,535,000	\$8,425,000	\$10,770,000	\$17,025,000	\$13,720,000	\$63,475,000	\$16,005,000	\$2,010,000	\$2,170,000	\$3,350,000	\$3,245,000	\$26,780,000	\$90,255,000	
Financed by:																	\$90,255,000	
IFR CAPITAL - Cash		\$660,000			\$705,000	\$530,000	\$530,000	\$1,500,000	\$1,575,000	\$4,840,000	\$725,000	\$725,000	\$875,000	\$1,425,000	\$1,400,000	\$5,150,000	\$9,990,000	
Capital/Expense Items- Cash		\$895,000			\$1,145,000	\$470,000	\$290,000	\$375,000	\$320,000	\$2,600,000	\$380,000	\$285,000	\$295,000	\$425,000	\$345,000	\$1,730,000	\$4,330,000	
Total CASH		\$1,555,000			\$1,850,000	\$1,000,000	\$820,000	\$1,875,000	\$1,895,000	\$7,440,000	\$1,105,000	\$1,010,000	\$1,170,000	\$1,850,000	\$1,745,000	\$6,880,000	\$14,320,000	
BOND - CHASE					\$8,385,000					\$8,385,000								
BOND - New IFR EXPENSE		\$10,300,000			\$3,300,000	\$4,750,000	\$2,250,000	\$4,000,000	\$1,000,000	\$15,300,000	\$8,500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$1,500,000	\$13,500,000	\$28,800,000	
BOND - RIIB		\$1,200,000			\$0	\$2,700,000	\$7,700,000	\$11,150,000	\$10,800,000	\$32,350,000	\$6,400,000	\$0	\$0	\$0	\$0	\$6,400,000	\$38,750,000	
Total PP2											\$38,750,000							
Total		\$13,055,000			\$13,535,000	\$8,450,000	\$10,770,000	\$17,025,000	\$13,695,000	\$63,475,000	\$16,005,000	\$2,010,000	\$2,170,000	\$3,350,000	\$3,245,000	\$26,780,000	\$90,255,000	
										\$63,475,000						\$26,780,000		