

**South Central Connecticut Regional Water Authority**

**\*\*Via Remote Access**

**AGENDA**

**Regular Meeting of Thursday, July 16, 2020 at 12:30 p.m.**

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- A. Safety Moment
- B. Meet as Pension & Benefit Committee: S. Sack
  - 1. Approve Minutes – May 21, 2020 meeting
  - 2. Quarterly Investment Performance Review – Pension, VEBA, and 401K: J. McLaughlin and S. Kelliher
- C. Consent Agenda
  - 1. Approve Minutes – June 18, 2020 meeting
  - 2. Capital Budget Authorization - August 2020
  - 3. Capital Budget Transfer Notifications (no action required)
  - 4. Monthly Financial Report – June 2020
  - 5. Accounts Receivable Update – June 2020
  - 6. Derby Tank Update
  - 7. North Cheshire Update
  - 8. Request for Bid Exemption – Ruden Street, West Haven, Water Main Rehabilitation
  - 9. Release of option on Olin Property, Hamden
- D. Finance: R. Kowalski
  - 1. Consider and act on resolution authorizing the DWSRF project loan and grant subsidy for AMI (Phase IV)
- E. Updates: L. Bingaman
  - 1. COVID-19
  - 2. Key Metrics Dashboard
  - 3. Distribution System Update: B. Nesteriak and L. Burns
- F. Reports on RPB Committee Meetings
- G. Meet as Compensation Committee: J. Cermola
  - 1. Approve Minutes – May 21, 2020 meeting
  - 2. Review and adopt FY 2021 Goals and Global Metrics
  - 3. CEO FY 2020 Year-end Goals Update
  - 4. \*CEO & Management Performance Review – Including Executive Session
  - 5. Review and recommend CEO & Officer Compensation – Including Executive Session
- H. Act on matters arising from Committee meetings
- I. \*\*Executive session to discuss COVID-19 related concessions

\*In accordance with the Governor Lamont's, Executive Order No. 7B for the Protection of Public Health and Safety during COVID-19 Pandemic and Response, the public hearing will be held remotely under the requirements of Paragraph 1 of Executive Order No. 7B - Suspension of In-Person Open Meeting Requirements. Members of the public may attend the meeting via conference call, videoconference or other technology. For information on attending the meeting via remote access, and to view meeting documents, please visit <https://www.rwater.com/about-us/our-boards/board-meetings-minutes?year=2020&category=1422&meettype=&page=>. For questions, contact the board office at [jslubowski@rwater.com](mailto:jslubowski@rwater.com) or call 203-401-2515.

*\*RPB member (S. Mongillo) is excused at Item G.4*

**Topic: Authority July Meeting** (Incl. Pension & Benefit Committee and Compensation Committee Meetings)

Time: Jul 16, 2020 12:30 PM Eastern Time (US and Canada)

Join Meeting (*via conference call*)

Dial by your location

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Germantown)

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+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

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Meeting ID: 883 1862 3076

Password: 030216

Find your local number: <https://us02web.zoom.us/j/88318623076>

# SAFETY MOMENT

## JULY – HURRICANE PREPAREDNESS:

It is important to be prepared for hurricane season and have a family emergency plan in place. In the event of a serious storm that could produce power outages, low land flooding and evacuations, and downed trees and power lines that could make roads impassible.

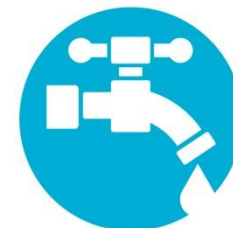
### FEMA recommends:

- 10 day supply of non perishable food
- 10-day supply of water, 10 gallons per person
- Working battery operated radio
- Household communications plan

**If you live in a costal area that is prone to flooding be sure to prepare a ready to go bag in case you need to evacuate.** This should include:

- Cloth face masks, hand sanitizer, disinfectant wipes
- Copies of prescription medications and medical supplies
- Bedding and clothing, including sleeping bags and pillows
- Bottled water, a battery-operated radio and extra batteries, a first aid kit, a flashlight
- Copies of important documents: driver's license, Social Security card, proof of residence, insurance policies, wills, deeds, birth and marriage certificates, tax records, etc.

**Tap**Into  
**Safety**



Regional Water Authority



Service – Teamwork – Accountability – Respect – Safety

**South Central Connecticut Regional Water Authority  
Minutes of the June 18, 2020 Meeting  
Via Remote Access**

A regular meeting of the South Central Connecticut Regional Water Authority (“RWA” or “Authority”) took place on Thursday, June 18, 2020 via remote access. Chairman DiSalvo presided.

**Present:** Authority–Messrs. DiSalvo, Borowy, Cermola, Curseaden, and Ms. Sack  
Management – Mss. Discepolo, Kowalski, Nesteriak, Reckdenwald and Messrs. Bingaman, Norris and Singh  
RPB – Mr. Rescigno  
Staff – Mrs. Slubowski

The Chair called the meeting to order at 12:30 p.m.

Mr. Bingaman, the RWA’s President and Chief Executive Officer, reviewed the Safety Moment distributed to members.

At 12:31 p.m., on motion made by Mr. Borowy, seconded by Ms. Sack, and unanimously carried, the Authority voted to recess the meeting to meet as the Environmental, Health and Safety Committee.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

At 1:00 p.m., the Authority reconvened.

Chair DiSalvo removed Item #4, *Accounts Receivable Update – May 2020*, from the consent agenda for discussion after Item E, *Finance*.

On motion made by Ms. Sack, seconded by Mr. Cermola, and unanimously carried, the Authority voted to approve, adopt, or receive, as appropriate:

1. The minutes of its May 21, 2020 meeting.
2. Capital budget authorization for July 2020.

**RESOLVED**, that the Vice President of Finance and Controller is authorized to submit to the Trustee one or more requisitions in an aggregate amount not to exceed \$1,400,000 for the month of July 2020 for transfer from the Construction Fund for capital expenditures. Each such requisition shall contain or be accompanied by a certificate identifying such requisition and stating that the amount to be withdrawn, pursuant to such requisition, is a proper charge to the Construction Fund. Such requisitions are approved notwithstanding the fact that amounts to be withdrawn for a particular project may exceed the amount indicated for such month and year in the current Capital Improvement Budget, but will not cause the aggregate amount budgeted for fiscal year 2021 for all Capital Improvement Projects to be exceeded. In the absence of the Vice President of Finance and Controller, the Executive Vice-



President and Chief Financial Officer or the Vice-President – Asset Management are authorized to sign in her place.

3. Key Performance Indicators for the period ended May 31, 2020.
4. FY 2021 RPB Weighted Vote Calculation.
5. FY 2021 Application Schedule.
6. RPB Dashboard Quarterly Report.
7. Derby Tank Project Update.
8. North Cheshire Development Update.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Ms. Kowalski, RWA's Vice President of Finance and Controller, reviewed the Year-end Financial Report for the fiscal year ended May 31, 2020, which included:

- Balance sheet
- Statement of revenues, expenses, and changes in net position
- Maintenance test
- Operating and maintenance expenses
- Capital budget
- Investment earnings report

She also noted that there is still quite a bit of uncertainty regarding the economic impacts of COVID-19

Ms. Kowalski distributed to Authority members a memorandum dated June 18, 2020, regarding "Distribution of Fiscal Year 2020 Revenue Fund Balance and General Fund Balance per Section 404D of the *General Bond Resolution*." She reported on funds available for allocation, which included: the General Fund, the Growth Fund and the Construction Fund.

Mr. Cermola moved for adoption of the following resolution:

**WHEREAS**, the Vice President of Finance and Controller has and will make certain transfers from the Revenue Fund as required by Section 404D of the General Bond Resolution; and

**WHEREAS**, the balance remaining in the Revenue Fund after taking into account such transfers as of year-end is approximately \$14,821,425 and pursuant to the General Bond Resolution will be deposited to the General Fund.

**NOW, THEREFORE, BE IT HEREBY RESOLVED**, that after such transfer is made to the General Fund, the balance of the General Fund is approximately \$25,469,645; and

**BE IT FURTHER RESOLVED**, that \$5,500,000 is deposited in the General Fund.

Mr. Curseaden seconded the motion and, after discussion, the Chair called for the vote:

Borowy	Aye
Cermola	Aye
Curseaden	Aye

DiSalvo     Aye  
Sack         Aye

Mr. Cermola moved for adoption of the following resolution:

**WHEREAS**, pursuant to section 410 of the General Bond Resolution, the Authority may apply any moneys in the General Fund to any lawful purpose of the Authority.

**NOW, THEREFORE, BE IT HEREBY RESOLVED** by the Regional Water Authority that the Vice-President of Finance and Controller is hereby authorized and directed to transfer and pay over from the General Fund, \$8,571,425 to the Construction Fund.

Mr. Borowy seconded the motion and, after discussion, the Chair called for the vote:

Borowy     Aye  
Cermola    Aye  
Curseaden Aye  
DiSalvo    Aye  
Sack        Aye

Mr. Cermola moved for adoption of the following resolution:

**WHEREAS**, pursuant to Section 410 of the General Bond Resolution, the Authority may apply any moneys in the General Fund to any lawful purpose of the Authority.

**NOW, THEREFORE, BE IT HEREBY RESOLVED** by the Regional Water Authority that the Vice-President of Finance and Controller is hereby authorized and directed to transfer from the General Fund, \$750,000 to the Growth Fund.

Mr. Borowy seconded the motion. The Chair called for a vote:

Borowy     Aye  
Cermola    Aye  
Curseaden Aye  
DiSalvo    Aye  
Sack        Aye

Ms. Kowalski described proposed revisions to the fiscal year 2021 Capital Budget totaling \$1,372,690, resulting in an amended capital budget totaling \$19,647,000 (excluding state and redevelopment and the growth fund). Ms. Sack moved for adoption of the following resolution:

**RESOLVED**, that the proposed revisions to the Capital Budget for the Authority for the 2021 fiscal year presented to this meeting, including a revised plan of capital improvements for the 2021 through 2025 fiscal years, is hereby adopted and ordered to be filed with the records and the U.S. Bank National Association pursuant to Section 614 for the General Bond Resolution.

Mr. Borowy seconded the motion. The Chair called for a vote:

Borowy     Aye  
Cermola    Aye  
Curseaden Aye  
DiSalvo    Aye  
Sack        Aye

Management provided Authority members with an update on the status of accounts receivable and strategic collection activity at the end of the COVID-19 pandemic.

Authority members reported on recent Representative Policy Board committee meetings and assignments were made for attendance at the third quarter 2020 RPB committee meetings.

Ms. Nesteriak, RWA's Senior Vice President of Operations and Business Strategy, provided an update of operations at the RWA, which included:

- Zero cases of COVID-19 at RWA office
- PPE
- Phase one soft opening and employee resources
- 90 Sargent Drive/Treatment Plants status and cleaning
- Expansion of the Residential Assistance Program

Mr. Kowalski provided an update of the COVID-19 Key Metrics Data Tracking Chart, which included:

- Year-over-year production and consumption
- Cash collections
- Overtime budget update
- System-wide and current consumption
- Production and rainfall

Mr. Norris, the RWA's Vice President of Asset Management, provided a recreation program update, which included:

- Permits to date
- Purchases and renewals
- Discounts
- Revenue

Mr. Bingaman reported on a meeting earlier in the month with the Dean of School of Business at Southern Connecticut State University to discuss the status of the Public Utility Management Program, which included:

- Enrollment
- Recruitment efforts
- SCSU program staffing
- Final certification status
- Conscious Capitalism Program

At 2:21 p.m., Mr. Rescigno withdrew from the meeting. On motion made by Ms. Sack, seconded by Mr. Curseaden, and unanimously carried, the Authority voted to go into executive session to discuss COVID-19 related concessions. Present in executive session were Authority members and Mss. Discepolo, Kowalski, Nesteriak, Reckdenwald, Slubowski, and Messrs. Bingaman, Norris and Singh.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

At 2:35 p.m., the Authority came out of executive session and the meeting adjourned.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye


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Kevin Curseaden, Secretary

**South Central Connecticut Regional Water Authority**  
90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020  
<http://www.rwater.com>

## **MEMORANDUM**

**TO:** Anthony DiSalvo  
David J. Borowy  
Joseph A. Cermola  
Kevin J. Curseaden  
Suzanne C. Sack

**FROM:**  Rochelle Kowalski  
Vice-President of Financial Services

**DATE:** July 13, 2020

**SUBJECT:** Capital budget authorization request for August 2020

Attached for your meeting on July 16, 2020 is a copy of the resolution authorizing expenditures against the capital improvement budget for August 2020. The amount of the requested authorization, for funds held by the trustee, is \$3,600,000.

This would result in projected expenditures through August 2020 of \$5,201,375 or 21.5% of the total 2021 fiscal year capital budget.

Attachment

**RESOLVED**

That the Vice-President of Financial Services is authorized to submit to the Trustee one or more requisitions in an aggregate amount not to exceed \$3,600,000 for the month of August 2020 for transfer from the Construction Fund for capital expenditures. Each such requisition shall contain or be accompanied by a certificate identifying such requisition and stating that the amount to be withdrawn pursuant to such requisition is a proper charge to the Construction Fund. Such requisitions are approved notwithstanding the fact that amounts to be withdrawn for a particular project may exceed the amount indicated for such month and year in the current Capital Improvement Budget but will not cause the aggregate amount budgeted for fiscal year 2021 for all Capital Improvement Projects to be exceeded. In the absence of the Vice-President of Financial Services, the Vice-President of Asset Management is authorized to sign in her place.

**South Central Connecticut Regional Water Authority**

90 Sargent Drive, New Haven, Connecticut 06511-5966 203-562-4020

<http://www.rwater.com>

TO: Anthony DiSalvo  
David J. Borowy  
Joseph A. Cermola  
Kevin J. Curseaden  
Suzanne C. Sack

FROM: Rochelle Kowalski

DATE: July 14, 2020

SUBJECT: Capital Budget Transfers

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The status of all capital projects are reviewed on a monthly basis. In an effort to obtain efficiencies in our capital program, any anticipated unspent funds are reallocated to support reprioritized projects or existing projects. Below is a summary of the attached capital budget transfers and amendments.

	Available Funds	Reallocation of Project/ Funds
West Avenue Tank Painting	\$150,000	Ruden Street Cleaning & Lining, West Haven \$150,000

# CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	7/13/2020	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B2	21-01	Jul/20
Requested By:	Rose Gavrilovic			

<b>Transfer From:</b>	
Account Number:	001-000-107142-090023
Project Description:	West Avenue Tank Painting
A) Original Budget	1,054,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	150,000
D) Revised Budget (A+/-B-C)	904,000
E) Estimated Project Costs	750,000
F) Remaining Funds Available for Transfer, if any (D-E)	154,000
<b>Explanation why funds are available:</b> As a result of more work than anticipated being performed during FY 2020, project work for FY 2021 will be completed under budget.	

<b>Transfer To:</b>	
Account Number:	To be Created
Project Description:	Ruden Street Cleaning & Lining, West Haven
A) Original Budget	0
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	
D) Amount to be Transferred	150,000
E) Proposed Revised Budget (C+D)	150,000
<b>Explanation why funds are needed:</b> This amendment will fund the cleaning and lining of a segment of an 8" main located in Ruden Street in West Haven. The University of New Haven applied for service for their new Science & Utility building to be constructed on the main campus in West Haven in March 2019. The service was installed off Campbell Avenue, but did not meet demands for fire suppression (a design constraint overlooked by their consultant). As an alternative a new service was installed off Ruden Street, which has higher pressure than that of Campbell Avenue. Upon testing, the volume again did not meet the demands, which require a minimum of 1,000 gpm. The building is currently being fed from both services from two separate pressure zones, providing them with the demand originally required, but is considered a temporary solution. Field investigations revealed that the 8" cast iron main in Ruden Street is heavily tuberculated, which is restricting flows. Cleaning and lining this main will provide greater pressure, correcting fire flow issues in the area. Total project cost is estimated at \$150,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>[Signature]</i>	07.13.2020
2) Donor Vice President/Director	<i>[Signature]</i>	07.15.2020
3) Vice President - Finance	Rochelle Kowalski	7/14/2020
4) Vice President - Operations & Business Strategy	Boeth Nesteriak	7/14/2020
5) Chief Executive Officer	<i>[Signature]</i>	07/14/2020
6) Authority Members	Copy of minutes attached if required	



**REGIONAL WATER AUTHORITY**  
**REVIEW OF FINANCIAL DATA**  
**June 30, 2020 (FY 2021)**

**STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION**

**Operating Revenues**

FY21 revenue for water, including wholesale and fire service, is under budget by \$246k (approx. 2.5%) primarily due to lower than anticipated metered water revenues. Metered water revenue is under budget by \$261k (approx. 2.9%)

Total net other revenue is \$54k above budget primarily due to higher other water revenue

**Operating Expenses**

Operating and Maintenance Expenses are currently under budget due to the following:

Payroll is under budget primarily due to head count under runs.	\$ (53,000)
Employee Benefits are under budget primarily due to lower medical and dental expense.	(166,000)
General & Admin is under budget primarily due to timing.	(62,000)
Pump Power is under the budget primarily due to timing.	(51,000)
Outside Services are under budget primarily due to timing.	(83,000)
All Other	(204,000)
	<u>\$ (619,000)</u>

**Interest Income**

Interest Income is under budget primarily due to lower investment earnings.

**PROJECTED MAINTENANCE TEST**

The projected shortfall to meet 1.14 coverage is \$11.440 million vs. a budgeted shortfall of \$12.045 million.

**REGIONAL WATER AUTHORITY**  
**STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION**  
**FOR THE MONTHS ENDING JUNE 30, 2020**

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	<b>FY 2020 Actual</b>	<b>FY 2021 Budget</b>	<b>FY 2021 Actual</b>	<b>(Under)Over Budget</b>
<b>Operating revenues</b>				
Metered water revenues	\$ 8,549	\$ 8,906	\$ 8,645	\$ (261)
Fire service	948	1,006	1,012	6
Wholesale	70	70	80	9
Other revenue - water	275	232	305	72
Other revenue - proprietary	785	744	775	31
Total operating revenues	10,626	10,959	10,816	(143)
<b>Operating expenses</b>				
Operating and maintenance expense	4,329	4,568	3,949	(619)
Expense associated with other revenue - water	130	159	171	12
Expense associated with other revenue - proprietary	224	287	324	37
Provision for uncollectible accounts	49	105	105	-
Depreciation	2,100	2,100	2,100	-
Payment in lieu of taxes	728	735	731	(4)
Amortization Pension Outflows/Inflows	(53)	60	60	0
Amortization OPEB Outflows/Inflows	123	(30)	(30)	(0)
Total operating expenses	7,630	7,984	7,411	(573)
Operating income	2,996	2,975	3,405	432
<b>Nonoperating income and (expense)</b>				
Interest income	387	113	34	(78)
(Loss) Gain on disposal of assets			-	-
Realized and unrealized (losses) gains on investments			-	-
Interest expense	(2,116)	(1,912)	(1,908)	4
Amortization of bond discount, premium, issuance cost and deferred losses	321	233	231	(2)
Intergovernmental revenue			-	-
Total nonoperating income and (expense)	(1,408)	(1,567)	(1,642)	(76)
Income (expense) before contributions	1,587	\$ 1,408	1,763	\$ 356
<b>Capital contributions</b>	437		-	
Change in net assets	2,024		1,763	
Total net assets - beginning of fiscal year	188,331		209,708	
Total net assets - end of reporting month	\$ 190,355		\$ 211,470	

	<b>Budget</b>	<b>Projected</b>	<b>(Under)Over</b>
<b>FY 2021 MAINTENANCE TEST</b>	<b>FY 2021</b>	<b>FY 2021</b>	<b>FY 2021</b>
<b>(Budget vs. Projected)</b>	<b>@114%</b>	<b>@114%</b>	<b>@114%</b>
Revenue Collected:			
Water sales	101,381	102,581	\$ 1,200
Interest Income	986	391	(595)
BABs Subsidy	656	656	-
Other Net	6,302	6,302	-
Common Non-Core	(200)	(200)	-
Total	109,124	109,729	605
Less:			
Operating and maintenance expenses	(56,200)	(56,200)	-
Common Non-Core	100	100	-
Depreciation	(6,500)	(6,500)	-
PILOT (A)	(8,700)	(8,700)	-
Net Avail for Debt Service (B)	\$ 37,824	\$ 38,429	\$ 605
Debt Service Payments (C)	\$ 43,745	43,745	\$ -
Debt Service @ 114% (D)	\$ 49,869	49,869	\$ -
Difference (B-D)	\$ (12,045)	\$ (11,440)	
RSF, Growth and/or General Fund (D)	12,045	11,440	
Coverage (A+D/C)	114%	114%	

**REGIONAL WATER AUTHORITY  
OPERATING AND MAINTENANCE EXPENSE  
JUNE 30, 2020**

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**PERIOD ENDING JUNE 30, 2020**

	<b>FY 2020 Actual</b>	<b>FY 2021 Budget</b>	<b>FY 2021 Actual</b>	<b>(Under) Over</b>
1 Payroll	\$ 1,746	\$ 1,926	\$ 1,873	\$ (53)
2 Employee Benefits	680	680	515	(166)
Pension Contributions	328	222	222	0
3 Administrative Building	72	75	74	(1)
4 General & Administrative	21	93	30	(62)
5 Transportation	72	55	38	(17)
6 Tools & Stores	17	26	33	7
7 Utilities & Fuel	83	99	92	(8)
8 Material From Inventory	26	16	10	(7)
9 Pump Power Purchased	227	300	249	(51)
10 Chemicals	141	154	113	(42)
11 Road Repairs	20	17	19	2
14 Postage	(0)	24	21	(3)
15 Printing & Forms	13	9	3	(6)
17 Collection Expense	59	63	38	(24)
18 Business Improvement	3	12	5	(7)
19 Public/Customer Information	62	28	17	(11)
20 Outside Services	164	210	127	(83)
21 Insurance Premiums	159	127	105	(22)
22 Worker's Compensation, pre-Churchill	5	4	9	5
23 Damages	4	5	9	4
24 Training & Cont. Education	20	13	2	(11)
25 Authority Fees	11	13	11	(2)
26 Consumer Counsel	3	5	3	(2)
27 RPB Fees	-	14	10	(4)
28 Organizational Dues	12	-	6	6
29 Donations	6	4	-	(4)
34 Central Lab/Water Quality	17	18	20	2
40 Environmental Affairs	0	3	1	(2)
44 Info. Technology Licensing & Maintenance Fees	156	166	156	(9)
45 Maintenance and Repairs	202	188	141	(47)
	<u>\$ 4,329</u>	<u>\$ 4,568</u>	<u>\$ 3,949</u>	<u>\$ (619)</u>

## South Central Regional Water Authority

### Analysis of Accounts Receivable ("A/R")

(\$000 omitted)

#### Total Accounts Receivable Aging (in days)

	June 2020	May 2020	April 2020	March 2020	Feb 2020	Jan 2020	Dec 2019	Nov 2019	Oct 2019	Sept 2019	August 2019	July 2019
Under 30	\$ 6,146	\$ 5,547	\$ 5,921	\$ 6,110	\$ 5,618	\$ 6,277	\$ 6,796	\$ 6,657	\$ 7,789	\$ 7,106	\$ 6,239	\$ 7,535
31-60	1,444	1,651	2,527	1,666	1,784	2,584	1,915	2,209	2,504	1,734	1,905	2,350
61-90	713	1,575	953	792	1,430	883	912	1,459	705	863	1,338	934
91-180	1,992	1,787	1,640	1,467	1,313	1,387	1,488	1,318	1,615	1,613	1,496	1,303
181-360	1,543	1,312	1,440	1,497	1,335	1,448	1,592	1,528	1,280	1,353	1,201	1,281
More than 1 year	4,331	4,207	4,333	4,243	4,092	4,174	4,272	4,063	4,104	4,216	4,040	4,169
Sub Total	16,169	16,079	16,814	15,775	15,572	16,753	16,975	17,234	17,997	16,885	16,219	17,572
Interest due	1,559	1,610	1,634	1,680	1,715	1,728	1,721	1,700	1,636	1,648	1,645	1,662
Total Gross A/R plus interest	\$ 17,728	\$ 17,689	\$ 18,448	\$ 17,455	\$ 17,287	\$ 18,481	\$ 18,696	\$ 18,934	\$ 19,633	\$ 18,533	\$ 17,864	\$ 19,234

#### Aged Accounts Receivable Focus of Collection Efforts

	June 2020	May 2020	April 2020	March 2020	Feb 2020	Jan 2020	Dec 2019	Nov 2019	Oct 2019	Sept 2019	August 2019	July 2019
Greater than 60 days:												
A/R	\$ 10,114	\$ 10,470	\$ 9,930	\$ 9,248	\$ 9,487	\$ 9,124	\$ 9,542	\$ 9,678	\$ 8,941	\$ 8,859	\$ 8,954	\$ 8,478
Less: Multi-Tenants	(2,864)	(3,075)	(2,594)	(2,492)	(2,677)	(2,345)	(2,704)	(2,680)	(2,155)	(2,356)	(2,550)	(2,153)
Receiverships	(2,169)	(2,190)	(2,251)	(2,148)	(2,172)	(2,231)	(2,155)	(2,135)	(2,082)	(1,769)	(1,744)	(1,756)
Liens	(1,721)	(1,724)	(1,731)	(1,758)	(1,757)	(1,831)	(2,050)	(1,844)	(1,904)	(2,151)	(2,121)	(2,084)
Total	\$ 3,360	\$ 3,481	\$ 3,354	\$ 2,850	\$ 2,881	\$ 2,717	\$ 2,633	\$ 3,019	\$ 2,800	\$ 2,583	\$ 2,539	\$ 2,485
	33%	33%	34%	31%	30%	30%	28%	31%	31%	29%	28%	29%

#### Collection Efforts

	June 2020	May 2020	April 2020	March 2020	Feb 2020	Jan 2020	Dec 2019	Nov 2019	Oct 2019	Sept 2019	August 2019	July 2019
Shuts *	\$ -	\$ -	\$ -	\$ 21	\$ 58	\$ 63	\$ 39	\$ 33	\$ 54	\$ 34	\$ 38	\$ 36
Red Tags **	-	-	-	7	15	22	9	13	16	9	9	11
Receivers	8	5	4	8	15	30	8	14	48	15	11	10
Other <sup>(1), (2)</sup>	1,282	1,159	989	1,409	1,671	1,647	1,468	1,261	1,551	1,328	1,299	1,470
Total	\$ 1,290	\$ 1,164	\$ 993	\$ 1,445	\$ 1,759	\$ 1,762	\$ 1,524	\$ 1,321	\$ 1,669	\$ 1,386	\$ 1,357	\$ 1,527
* Number of shuts	0	0	0	65	162	210	125	124	153	123	125	92
** Number of Red tags	0	0	0	32	83	80	60	78	91	68	69	63

<sup>(1)</sup> Includes: Notices and letters, Code Red, internal calling effort and legal initiatives.

<sup>(2)</sup> Code Red reflects payments in all aging categories 60 days and older.

**South Central Connecticut Regional Water Authority**

90 Sargent Drive, New Haven, Connecticut 06511-5966 203-562-4020

<http://www.rwater.com>

TO: Anthony DiSalvo, Chair  
David J. Borowy  
Joseph A. Cermola  
Kevin J. Curseaden  
Suzanne C. Sack

FROM: Ted Norris

DATE: July 16, 2020

SUBJECT: Derby Tank Update

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This memo is written to provide the Authority with an update on the Derby Tank Project and the land purchases associated with it.

**Property Acquisition:**

**No change to previous update:** Second Amendments to the Purchase and Sale Agreements for the Saint Peter and Saint Paul Church (Chatfield Street) and Durante (Lombard Drive) properties were executed and extend the closing date until final decisions are made on the pending litigation, as provided for in the First Amendments.

**Planning and Zoning Approval:**

**No change to previous update:** The Derby Planning and Zoning Commission unanimously approved our site plan application on June 18, 2019. After the approval, an appeal was filed with the Superior Court by Attorney Cava, representing two residents – Sharlene McEvoy and Dorothy Marinelli (the only residential neighbor near the tank site), against the City and RWA.

As previously noted, Attorney Cava raised a potential issue regarding proper notice, more specifically related to the Board of Aldermen/Alderwomen's (BOA) requirement to post a sign associated with the transfer of land and that RWA had 'no standing' to file the site plan application. Attorney Cava and attorneys for the City of Derby and RWA submitted. The judge providing a ruling in our favor on January 9<sup>th</sup> related to the BOA notice issue. Following that ruling, a status conference call was held on January 16<sup>th</sup> to set the schedule for the next steps, related to the site plan approval appeal. Attorneys for both the plaintiffs and defendants have filed briefs, however, the court schedule has since been delayed due to the COVID-19 pandemic. **(July Update)** The Status Conference has been scheduled for July 15<sup>th</sup>, at which time a schedule for hearing oral arguments is expected to be set.

eon/lm

cc Larry Bingaman  
Linda Discepolo  
Rose Gavrilovic  
Beth Nesteriak

**South Central Connecticut Regional Water Authority**

90 Sargent Drive, New Haven, Connecticut 06511-5966 203-562-4020

<http://www.rwater.com>

TO: Anthony DiSalvo  
David J. Borowy  
Joseph A. Cermola  
Kevin J. Curseaden  
Suzanne C. Sack

FROM: Ted Norris

DATE: July 16, 2020

SUBJECT: North Cheshire Development Update

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The following is an update to the Authority on the status of the discussions with the Developer, Town of Cheshire, and Town of Southington Water Department regarding the Stone Bridge Crossing development at the northwest quadrant of the intersection of Routes 10 and I-691.

1. Developer, Paul Bowman and his partners: **(No update)**

As discussed at the May Authority meeting, we further discussed our request for the developer to install main on Route 10 south from the development to I-691. Mr. Bowman advised us that this was not possible in terms of the development's finances and that insistence by RWA for the Developer to do this work would end the possibility of this development going forward. RWA advised that this work was requested, not required and accepted his response. After discussion with his partners, Mr. Bowman agreed to continue working toward a viable solution for the development.

Mr. Bowman requested that RWA seek complete MOU's with the Towns of Cheshire and Southington as soon as possible noting that time is of the essence. He advised that not having the MOU's in place (or at least verbal agreements) caused financial uncertainty for the development in terms of design and construction standards.

2. As discussed with the Authority, RWA requested that the Town of Cheshire defer RWA PILOT payments on the RWA's mains needed to supply the development for a period of five years. Sean Kimball, Cheshire's Town Manager, requested RWA to estimate the value of the deferment, which RWA did, and provided Mr. Kimball with an estimate of \$215,000 for the five-year period. Additionally, the deferment of PILOT for mains within the development, if owned by RWA, would be \$175,000 for the five-year period. Mr. Kimball updated the Town Council, including a new member, on recent developments with the project, including this request. This was a significant amount of information for the Council to absorb, therefore the decision was made to discuss it further.

**(July 16 Update)** Upon further discussion at a subsequent meeting, the Cheshire Town Council was agreeable to either waiving the PILOT fees for 5 years or contributing up to \$500,000 at the time RWA constructs the water main north to the development.

3. RWA met with the Town of Southington Water Department (SWD) to discuss standards for the developer installation of the main as well as aspects of ownership. RWA agreed in principal that SWD would administer the installation of the mains for Phase 1 (east side of the Ten Mile River and along and adjacent to Route 10) as their developer installed main requirements were similar to RWA's. One difference is that SWD requires that the developer retain ownership of the main for one year after installation, at which time SWD would take ownership assuming that there were no significant issues with the main. RWA takes ownership after completion of a successful developer installation and requires a two-year guarantee period from the developer.

RWA noted that under the 1927 agreement between the two water companies the RWA was required to pay SWD for mains owned by Southington within RWA's service territory once RWA was able to serve the area and sought to do so. RWA noted that it would not pay SWD for any developer install mains associated with this project after SWD took ownership of them. SWD noted they need to discuss it with their Board. Upon doing so, the SWD Board was hesitant about approving such a broad reaching action without further discussion. RWA is planning to meet with the SWD Board in late June.

**(July 16 Update)** Discussions were delayed due to the extremely hot weather and high demands experienced by both utilities late in June. RWA will re-initiate discussions with SWD in July.

CC: Larry Bingaman  
Linda Discepolo  
Beth Nesteriak  
Rose Gavrilovic

**REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR**  
**RUDEN STREET, WEST HAVEN – CLEANING & LINING CONTRACTOR**  
**AS REQUIRED BY CONNECTICUT SPECIAL ACT NO.77-98 AS AMENDED**

July 2020

**SPECIFIC STATUTORY PROVISIONS**

All contracts in excess of fifty thousand dollars for any supplies, materials, equipment, construction work or other contractual services shall be in writing and shall be awarded upon sealed bids or proposals made in compliance with a public notice duly advertised by publication in one or more newspapers of general circulation or, if there are no such newspapers, in appropriate electronic media, including, without limitation, the authority's Internet web site, as are likely to reach a broad segment of potential vendors, at least ten days before the time fixed for opening said bids or proposals, except for (1) contracts for professional services, (2) when the supplies, materials, equipment or work can only be furnished by a single party, (3) when the authority determines by a two-thirds vote of the entire authority that the award of such contract by negotiation without public bidding will be in the best interest of the authority, or (4) when the procurement is made as a result of participation in a procurement group, alliance or consortium made up of other state or federal government entities in which the state of Connecticut is authorized to participate. The authority may in its sole discretion reject all such bids or proposals or any bids received from a person, firm or corporation the authority finds to be unqualified to perform the contract, and shall award such contract to the lowest responsible bidder qualified to perform the contract.  
(Section 16, Special Act 77-98 as amended).

**REQUEST FOR EXEMPTION**

This is for a request for exemption from competitive bidding for contracting with Michels Corporation (Michels) in the amount of \$137,000 for water main cleaning and lining services of the 8-inch cast iron water main along Ruden Street, West Haven.

**REASON FOR REQUEST**

The University of New Haven applied for service for their new Science & Utility building to be constructed on the main campus in West Haven in March 2019. The service was installed off Campbell Avenue, but did not meet demands for fire suppression (a design constraint overlooked by their consultant). As an alternative, a new service was installed off Ruden Street, which has higher pressure than that of Campbell Avenue. Upon testing, the volume again did not meet the fire system minimum demands, which require a minimum of 1,000 gallons per minute. The building is currently being fed from both services from two separate pressure zones, providing them with the demand originally required, but this is considered a temporary solution. RWA ensured the University that a permanent solution would be developed and implemented as soon as possible. The work is planned for early September to minimize disruption to the university and surrounding residents. Bidding the project would require approximately three months in order to execute a contract, which would jeopardize our ability to complete the work within the specified timeframe.

Field investigations found that the water main on Ruden Street, an 8" unlined cast iron main installed in 1925, is heavily tuberculated. This tuberculation results in flow restrictions and represents a reduction in fire flow and capacity to the university. The existing main is 95 years old but has not experienced any breaks and visual inspection of a pipe segment that has been removed indicate minimal external corrosion. The pipe appears to have been well manufactured and remaining thickness of the section of pipe examined is good overall, with minimal loss to date.

The Ruden Street main is a dead end in the distribution system. Modeling results show that rehabilitating the main by cleaning and cement lining the interior of the main will provide the required fire flow at the building. Therefore, the proposed solution includes cleaning and lining a 950 linear foot section of pipe.



Many successful cleaning and lining projects have been completed for RWA by Heitkamp, Inc., who is now part of Michels Corporation. Cleaning and lining is considered specialty work and there are a limited number of qualified contractors. An additional estimate was obtained from National Water Main Cleaning, however, it was incomplete and only included cleaning of the main, not lining, which is crucial to the long-term solution. The total estimated costs for Michels to clean and line the main is \$137,000 (including a 5% contingency for unforeseen issues); the total project cost estimate is \$150,000.

## **SUMMARY**

RWA staff is requesting a bid exemption in order to clean and line an 8-inch cast iron pipe along Ruden Street in West Haven to permanently address a fire flow issue at a recently constructed University of New Haven building. Field investigations and modeling indicate that this work will provide a permanent solution to the issue. The exemption is required to complete the work within a timeframe that will cause the least amount of disruption to the university and surrounding residents. Michels Corporation has successfully completed multiple projects related to this specialty work for the Authority in the past and has provided a reasonable estimate for this work. Therefore, Management respectfully requests a bid exemption in the amount of \$137,000 to complete cleaning and lining work along Ruden Street in West Haven.

**South Central Connecticut Regional Water Authority**

90 Sargent Drive, New Haven, Connecticut 06511-5966 203-562-4020  
<http://www.rwater.com>

DATE: July 16, 2020

TO: Anthony DiSalvo, Chair  
David Bowory  
Joseph A. Cermola  
Kevin J. Curseaden  
Suzanne Sack

FROM: Ted Norris

SUBJECT: Option to purchase a portion of 475 Putnam Ave., Hamden

---

This memo is to advise you of an option the RWA owns to purchase 88.8 acres from the Olin Corporation at 475 Putnam Ave., Hamden. The property is currently owned by Olin and is located within the Lake Whitney watershed. The Hamden Land Conservation Trust (HLCT) is interested in obtaining the option from RWA to ensure that the land is held continually as open space.

**Background:**

In 1939, Western Cartridge Company, predecessor of Olin Corporation (Olin), and the New Haven Water Company (NHWC) entered into an agreement that gave the NHWC the option to purchase two parcels at "Pine Swamp" between Treadwell St. and Putnam Ave.

On May 7, 1964, the 1939 agreement was terminated and a new agreement was executed between the two entities. The 1964 agreement remains in force today. This agreement clarified that the NHWC would have an option of 88.8 acres of Olin's 102.5 acres between Treadwell St. and Putnam Ave. The 1964 agreement also states that if Olin were to sell the property, or any portion of it, they would be required to notify the NHWC who would have 60 days to invoke their option to buy the land for \$100 per acre. The option was apparently given to the RWA as we can find records of the NHWC buying this option and no cost is associated with it in the 1964 agreement. The agreement has a termination date that is contingent upon the lives of ten people who were three sets of siblings, all being the offspring of three men who were executives at Olin. The agreement terminates 20 years after the death of the last survivor. Genealogical research has shown that all ten people have died. The first died in 1989 and the last passed away on November 6, 2011. Therefore, the option agreement will terminate on November 6, 2031.

On January 21, 2020, John Triana and John Hudak met with representatives of HLCT, Connecticut Fund for the Environment, and Hamden town council to discuss the property. The site has been under a DEEP remediation order since 1986 as a hazardous waste disposal site. Some time ago, DEEP and Olin agreed to defer remedial actions until the massive Newhallville neighborhood remediation was completed, the RWA's remediation of the former Hamden Middle School being the last piece. The consent order for the Olin piece contained aggressive remediation requirements and predated the adoption of DEEP's Remediation Standards Regulations (RSRs), which are not as aggressive as the consent order. DEEP believes a new remedial plan should be developed in accordance with the RSRs. A former battery waste area on the property needs to be encapsulated. Additionally, investigation and possible remediation of pond sediments, along with other miscellaneous areas should take place.

There is great interest in preserving this property for open space uses for the surrounding community, especially considering the dearth of these opportunities in the disadvantaged communities within southern Hamden. Many of the meeting attendees had been on the property and touted its abundance of bird and wildlife habitat. It is unknown when Olin will commence remediation or what their intentions are for future use or disposition of the property. The group RWA met with fear that the town's desire for additional revenue may favor development of at least a portion of the property. They also believe, based on their discussions with DEEP, that the remediation may not be as extensive as once believed (consent order versus RSR's). We discussed the 1964 agreement with the option to purchase the 88.8 acres and noted that we would have no interest in exercising the option due to the need for remediation of the contamination on the property. At the meeting HLCT expressed interest in acquiring the option from us.

While RWA could retain the option, there is potential future liability if we were to ever own the property. Thresholds, limits, and standards change and once you are in the chain of title for a property, you become equally responsible for the cleanup. What may be an acceptable risk today, may later be seen as contamination that needs to be remediated at substantial cost. If we are out of the chain of title, the risk is zero.

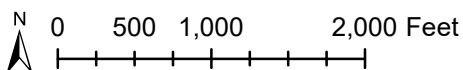
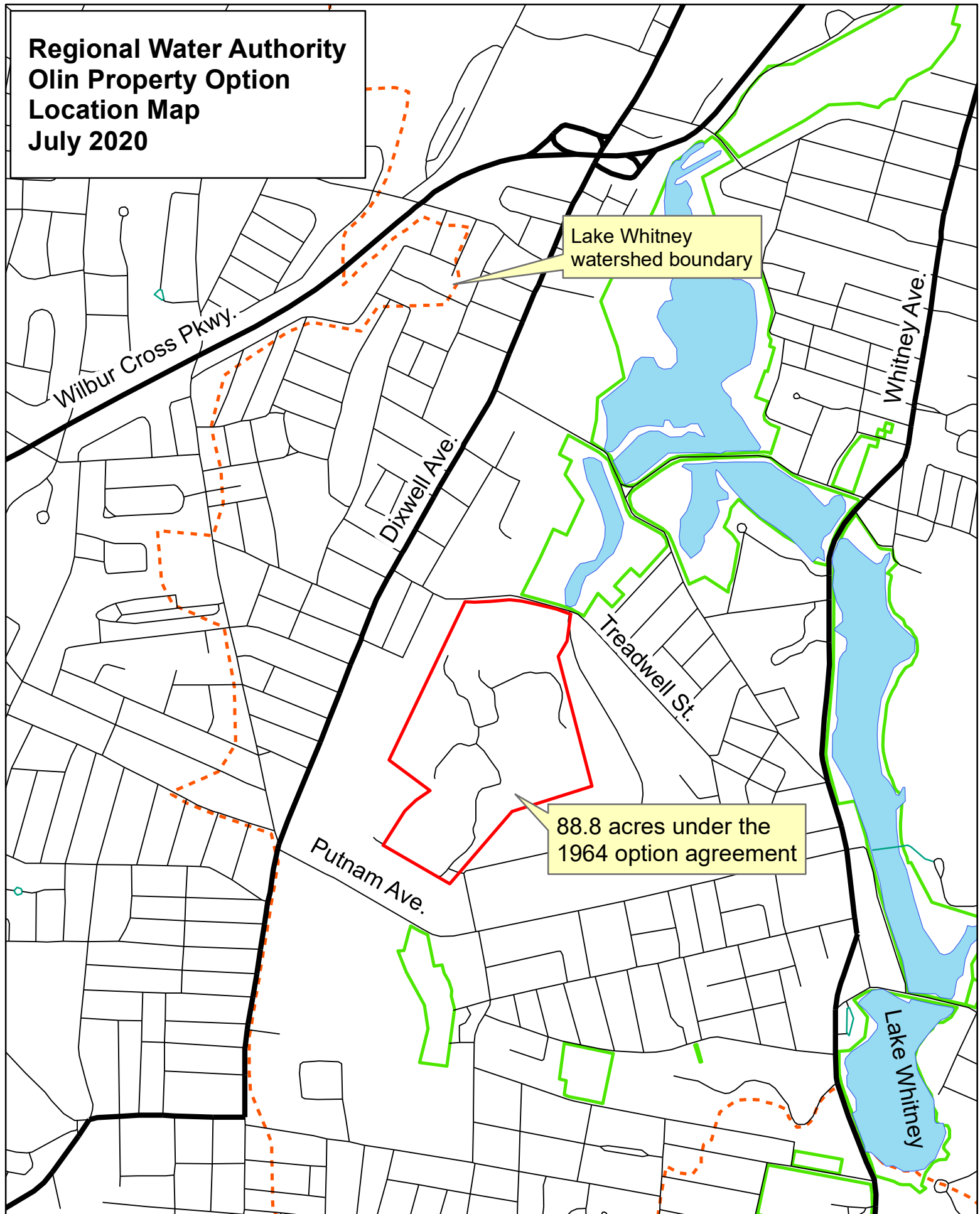
We contacted Murtha Cullina about two aspects of the option. First, we wanted to know if the option was transferable and, second, if it would be considered an interest in real property that would trigger our RPB disposition process. Murtha's opinion, based on Connecticut case law is that we can assign the option to another party. Murtha also stated that options to purchase property are not interests in real property and, therefore, would not have to go through our disposition process or otherwise to the RPB. The Authority, if it chooses to, can approve the transfer of the purchase option.

Unless you have any objections we will begin discussions with the HLCT. The next steps would be to develop a memorandum of understanding with them discussing the requirements that the land be held in perpetuity as open space, potentially adding an easement to construct and maintain a biologically active wetlands filter and sedimentation basin, and the legal release of RWA from any responsibilities or future liabilities for environmental contamination or remediation. Our thought is that should we reach agreement with the HLCT on the MOU that we would consider giving the option to them for no monetary remuneration considering that the option cost us nothing and the community service that would be accomplished. Also, in order to keep the RPB informed we plan to advise the Land Use Committee of this matter at their August 12, 2020 meeting.

Attached are a location map of the property and a copy of the 1964 agreement between Olin and the NHWC.

Cc: Larry Bingaman  
Linda Discepolo  
Beth Nesteriak  
John Triana

**Regional Water Authority  
Olin Property Option  
Location Map  
July 2020**



AGREEMENT

This AGREEMENT, made this 7<sup>th</sup> day of May, 1964, by and between OLIN MATHIESON CHEMICAL CORPORATION, a corporation organized under the laws of the State of Virginia and having an office and place of business in the Town and County of New Haven in the State of Connecticut (hereinafter referred to as "Olin"), and NEW HAVEN WATER COMPANY, a corporation chartered by the General Assembly of the State of Connecticut and located in said Town (hereinafter referred to as "New Haven");

WITNESSETH

WHEREAS, Olin is the successor corporation to Western Cartridge Company ("Western"), a corporation organized under the laws of the State of Delaware; and

WHEREAS, by a written Agreement ("the 1939 Agreement") dated June 29, 1939, and recorded in the Land Records of the Town of Hamden, Connecticut, in Volume 198 at page 189, Western granted to New Haven the option and privilege of purchasing on the terms and conditions set forth in the 1939 Agreement a tract of land at Pine Swamp consisting of two (2) parcels situated in the Town of Hamden, County of New Haven and State of Connecticut, more fully described in the 1939 Agreement and shown on a map referred to therein and on file in the Hamden Town Clerk's Office, entitled, "Western Cartridge Company - Map of Pine Swamp and Vincinity - Town of Hamden, Conn., - Scale 1" - 500' - April 6, 1939," which map was prepared by Clarence M. Blair, Inc. ("Blair") Civil Engineers & Surveyors, New Haven, Conn.; and

WHEREAS, said tract of land at Pine Swamp has been recently re-surveyed and revised boundaries have been established, as shown on a map to be filed in the Hamden Town Clerk's Office ("the 1964 Pine Swamp Map") dated February 1964, Scale 1" - 200', prepared by Clarence Blair Associates, Inc., Civil Engineers, and entitled, "Olin Mathieson Chemical

Corporation, Map Showing Revised Boundary Lines of Parcel Under Option to New Haven Water Co., Hamden, Conn.;" and

WHEREAS, by a written instrument dated June 28, 1939 entitled "Option" (the "1939 Option") and recorded in the Hamden Land Records in Volume 198 at page 195, New Haven granted to Western, its successors and assigns, as a part of the transaction of which the 1939 Agreement was the other part, (a) an exclusive option and privilege of purchasing on the terms and conditions set forth in the 1939 Option a tract of land ("Sherman Tract") situated in said Town of Hamden, bounded in part northerly by Sherman Avenue, more fully described in the 1939 Option and shown on a map referred to in the 1939 Option, and (b) an exclusive option and privilege of leasing from New Haven on terms and conditions set forth in the 1939 Option a tract of land situated north of Lake Wintergreen in said Town of Hamden, more fully described in the 1939 Option and shown on a map referred to in the 1939 Option; and

WHEREAS, New Haven has conveyed the Sherman Tract pursuant to the 1939 Option to an assignee of Olin in reliance upon the agreement of Olin to release the 1939 Option and to amend the 1939 Agreement in certain particulars by terminating the 1939 Agreement and agreeing upon a substitute therefor;

NOW, THEREFORE, in consideration of the foregoing and the mutual agreements hereinafter contained, Olin and New Haven hereby agree as follows:

A. The 1939 Option is hereby terminated and hereafter shall not have any force or effect whatsoever.

B. The 1939 Agreement is hereby terminated and hereafter shall not have any force or effect whatsoever.

C. Parts A and B of this Agreement shall be binding upon and inure to the benefit of Olin and New Haven and their respective successors and assigns.

D. The following is hereby agreed upon as a substitute for the 1939 Agreement:

1. Olin agrees that for the period beginning at the date hereof and ending twenty years after the death of the survivor of those now living of the following named persons:

Thomas I. S. Boak, Jr.	Born January 19, 1917
Charles E. Boak	" July 26, 1919
John Boak	" June 11, 1927
Elizabeth Pugsley	" January 2, 1917
Dorothy Pugsley	" August 26, 1918
Edwin Pugsley, Jr.	" November 25, 1922
Edgar B. Taft	" November 16, 1916
Barrett L. Taft	" October 26, 1918
Caleb S. Taft	" July 4, 1922
John E. Taft	" October 26, 1925.

Olin will not sell Pine Swamp or any portion thereof to any person or company other than to a corporation engaged in the manufacture of arms or ammunition or to a subsidiary or successor of Olin, without first giving written notice at any time and from time to time to New Haven that it desires to sell Pine Swamp, or a portion or portions thereof, as the case may be, whereupon New Haven shall have the privilege and option of purchasing within sixty (60) days from the date of giving of each such notice, at the price of One Hundred Dollars (\$100) per acre, so much of Pine Swamp as may be described in such notice. The giving of such notice or notices shall not exhaust the privilege herein defined of Olin of giving a further notice or notices. "Pine Swamp" as used in this Part D of this Agreement, means a tract of land situated on Treadwell Street in said Town of Hamden, containing 88.8 acres, shown on the 1964 Pine Swamp Map, bounded easterly, southerly and westerly by other land of Olin, northwesterly by land of the N. Y., N. H. & H. R. R. Co., and northerly by Treadwell Street, and more particularly described as is set forth in the Description attached hereto and made a part hereof.



2. Olin agrees not to pollute the water on Pine Swamp and agrees that New Haven may in a reasonable manner enter any part of Pine Swamp for purposes of inspection and preservation of the purity of the water.
3. Olin agrees to assume and perform so long as Olin or its successors owns Pine Swamp or any portion thereof, such obligations to the Town of Hamden as may rest upon it or upon New Haven with regard to the maintenance of a culvert under Treadwell Street at the point where the water from Pine Swamp flows northerly under such street.
4. New Haven agrees that it will not raise, or reduce the length of, the spillway of its dam at the outlet of Lake Whitney beyond or below its present height and length, that is: height - Elevation 33, New Haven City Datum, length - 250 feet.
5. Paragraph 1 to 4 inclusive, above, shall be binding upon and shall inure to the benefit of the successors and assigns of each of Olin and New Haven.

IN WITNESS WHEREOF, the parties have hereunto and to a duplicate of like tenor and date, set their corporate names and caused their corporate seals to be affixed, each acting by an Officer hereunto duly authorized, on the day and year first above written.

Signed, sealed and delivered in the presence of:

H. G. Lake  
H. G. Lake

Esther D. Stickle  
Esther D. Stickle

Helen Lorenzo  
Helen Lorenzo

Elmyra L. Iversen  
Elmyra L. Iversen

OLIN MATHIESON CHEMICAL CORPORATION

By W. L. Wallace  
Title Vice President  
W. L. Wallace

Attest: Maynard H. Motz  
Assistant Secretary  
Maynard H. Motz

NEW HAVEN WATER COMPANY

By Arthur L. Corbin, Jr.  
President

Attest: K. B. Johnson  
Secretary



STATE OF CONNECTICUT )  
SS:  
COUNTY OF NEW HAVEN )

New Haven, May 7,, 1964

Personally appeared W. L. Wallace,

Vice President of Olin Mathieson Chemical Corporation,

signer and sealer of the foregoing instrument and acknowledged the same  
to be the free act and deed of said Olin Mathieson Chemical Corporation,  
and his free act and deed as such Vice President, before me.

  
Eva M. R. O'Hara

Notary Public Eva M. R. O'Hara

My Commission expires April 1, 1967.

STATE OF CONNECTICUT )  
SS:  
COUNTY OF NEW HAVEN )

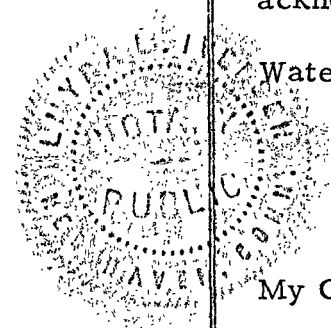
New Haven, Conn. May 7, 1964

Personally appeared Arthur L. Corbin, Jr., President of New Haven

Water Company, signer and sealer of the foregoing instrument, and he

acknowledged the same to be the free act and deed of said New Haven

Water Company and his free act and deed as such President, before me.

  
\_\_\_\_\_  
Notary Public

Elmyra L. Iversen

My Commission expires April 1, 1968

NEW HAVEN WATER COMPANY

and

OLIN MATHIESON CHEMICAL CORPORATIONDESCRIPTION

Beginning at a point marked by a pipe in the southerly street line of Treadwell Street, said point being 321.5 feet northwesterly of the intersection of the extension southwesterly of the southeasterly street line of Martin Terrace with the southwesterly street line of Treadwell Street, when measured along the southwesterly street line of Treadwell Street;

Thence in a straight line bearing S-7°-33'40" W, a distance of 283.86 feet to a pipe;

Thence in a straight line bearing S-29°-27'-40" W, a distance of 179.77 feet to a pipe;

Thence in a straight line bearing S-14°-30'00" E, a distance of 1388.97 feet to a pipe;

Thence in a straight line bearing S-72°-23'-40" W, a distance of 868.71 feet to a pipe;

Thence in a straight line bearing S-40°-35'-30" W, a distance of 991.86 feet to a pipe;

Thence in a straight line bearing N-59°-49'-10" W, a distance of 802.54 feet to a pipe;

Thence in a straight line bearing N-32°-20'30" E, a distance of 419.86 feet to a pipe;

Thence in a straight line bearing N-46°-35'-45" E, a distance of 163.55 feet to a pipe;

Thence in a straight line bearing N-56°-17'-25" E, a distance of 175.17 feet to a pipe;

Thence in a straight line bearing N-53°-08'-05" W, a distance of 532.9 feet to a point marked by a pipe, said point being in the southeasterly right-of-way line of the N. Y., N. H., & H. R. R. Co., said point also being 85 feet perpendicularly distant southeasterly of the monumented center line at station 164 + 25 on the monumented center line of the N. Y., N. H. & H. R. R.;

Thence in a straight line bearing N-25°-40'E along the southeasterly right-of-way line of the N. Y., N. H. & H. R. R. Co., a distance of about 1840 feet to a point in the southerly street line of Treadwell Street;

Thence northeasterly, easterly and southeasterly along the southerly street line of Treadwell Street, a distance of about 1124 feet to the pipe marking the point of beginning.

IN WITNESS WHEREOF On this \_\_\_\_\_ day of July, A.D. 1970, said corporation, The New Haven Water Company has caused this instrument to be executed and delivered, and its corporate seal to be hereto affixed in its behalf by Charles E. Woods its President who is duly authorized and empowered; and said corporation Olin Mathieson Chemical Corporation has caused this instrument to be executed and delivered, and its corporate seal to be hereto affixed in its behalf by \_\_\_\_\_ its \_\_\_\_\_ who is duly authorized and empowered.

Signed, sealed and delivered  
in presence of

Elmyra L. Iversen  
Elmyra L. Iversen

Harry Gow  
Harry Gow

(as to Water Company)

~~THE~~ NEW HAVEN WATER COMPANY

BY Charles E. Woods  
Charles E. Woods  
Its President

OLIN MATHIESON CHEMICAL CORPORATION

BY \_\_\_\_\_

Its

(as to Olin Mathieson)

STATE OF CONNECTICUT)  
NEW HAVEN COUNTY ) SS.

August 10,  
New Haven, ~~July~~ 1970.

Personally appeared Charles E. Woods, President, as aforesaid, one of the signers and sealers of the foregoing instrument and acknowledged the same to be his free act and deed as such President, and the free act and deed of said corporation, before me,

Elmyra L. Iversen, Notary Public  
My Commission Expires April 1, 1973

Elmyra L. Iversen Notary Public.  
Elmyra L. Iversen

STATE OF CONNECTICUT)  
NEW HAVEN COUNTY ) SS.

New Haven, July 1970

Personally appeared \_\_\_\_\_ as aforesaid, one of the signers and sealers of the foregoing instrument and acknowledged the same to be his free act and deed as such \_\_\_\_\_ and the free act and deed of said corporation, before me,

\_\_\_\_\_  
Notary Public.







**SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY  
RESOLUTION REGARDING PROJECT LOAN OBLIGATION FOR AMI PROJECT**

**WHEREAS**, on July 17, 2014, the Authority adopted and on November 20, 2014, the Representative Policy Board (the “RPB”) approved the resolutions which established the general terms and provisions of the Authority’s bonds which may be issued as project loan obligations in one or more series delivered to the State of Connecticut in the aggregate principal amount not to exceed \$28,425,000 to finance, among other things, the cost of certain capital improvements to the Authority’s water system, specifically the purchase and installation of advanced meter reading infra structure (the “AMI Project”); and

**WHEREAS**, the Authority has issued PLO No. 2018-7063, PLO No. 2019-7071 and PLO No.2018-7063 each to finance a portion of the AMI Project; and

**WHEREAS**, the Authority wishes to provide for the issuance, sale and delivery of the Authority’s Project Loan Obligation for the fourth portion of the AMI Project (the “PLO”) and approve the Project Loan and Subsidy Agreement by and between the State of Connecticut and the Authority related to such portion of the AMI Project (the “AMI Loan Agreement”).

**NOW THEREFORE,**

**BE IT RESOLVED**, that the President/Chief Executive Officer and the Vice President of Financial Services and any Vice President or any one of them may apply to the State Department of Public Health for eligibility and funding of the AMI Project and sign such application and any other documents which may be necessary or desirable to apply for eligibility of and to apply for and obtain financial assistance for the AMI Project from the State’s Drinking Water Fund Program and that any such action taken prior hereto is hereby ratified and confirmed.

**BE IT FURTHER RESOLVED**, that the Chairperson or Vice Chairperson and President/Chief Executive Officer or Vice President of Financial Services be authorized (i) to issue, sell and deliver the PLO in an amount not to exceed \$7,000,000, and (ii) to determine the principal amount, date, date of maturity, interest rate, form and other details of the PLO, pursuant to the Act and the Water System Revenue Bond Resolution, General Bond Resolution as amended and supplemented (the “General Bond Resolution”) or any other provisions of law thereto enabling.

**BE IT FURTHER RESOLVED**, that the Authority hereby approves the Supplemental Resolution authorizing the issuance of the PLO substantially in the form attached hereto as Exhibit A, with such changes, omissions, insertions and revisions as the Chairperson or Vice Chairperson and President/Chief Executive Officer or Vice President of Financial Services shall deem advisable and which shall be as set forth in a Certificate of Determination attached thereto.

***BE IT FURTHER RESOLVED***, that for the purposes of providing to the Authority the loan and grant from the State, the Authority hereby approves the AMI Loan Agreement substantially in the form as the President/Chief Executive Officer or Vice President of Financial Services shall deem advisable and the approval of the Authority shall conclusively be determined from any of their signatures thereon.

***BE IT FURTHER RESOLVED***, that the Chairperson, Vice Chairperson, President/Chief Executive Officer and Vice President of Financial Services , or any one of them, are hereby authorized to execute and deliver such documents as may be necessary or desirable to issue and deliver the PLO, including but not limited to, the AMI Loan Agreement, and to take such actions or to designate other officials or employees of the Authority to take such actions and execute such documents in connection with the issuance, sale and delivery of the PLO as are determined necessary or advisable and in the best interests of the Authority and that the execution of such documents shall be conclusive evidence of such determination.

***BE IT FURTHER RESOLVED***, that the Chairperson, Vice Chairperson, President/Chief Executive Officer or Vice President of Financial Services or any one of them are hereby authorized to accept such grants from the State for the AMI Project as set forth in the AMI Loan Agreement and to apply the proceeds of the grant to the AMI Project.

**EXHIBIT A**

**SUPPLEMENTAL RESOLUTION**

**SEE ITEM 6**

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

WATER SYSTEM REVENUE BOND RESOLUTION  
GENERAL BOND RESOLUTION

PROJECT LOAN OBLIGATION  
SUPPLEMENTAL RESOLUTION

Authorizing the Issue of

PROJECT LOAN OBLIGATION FOR THE AMI PROJECT  
Dated \_\_\_\_\_, 2020



SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

PROJECT LOAN OBLIGATION FOR THE AMI PROJECT

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## SUPPLEMENTAL RESOLUTION

### Authorizing the Issuance of the Project Loan Obligation for the AMI Project

#### RECITALS

WHEREAS, the South Central Connecticut Regional Water Authority (the “Authority”) is authorized pursuant to Connecticut Special Act No. 77-98, as amended (the “Act”), and the Water System Revenue Bond Resolution, General Bond Resolution, adopted July 31, 1980 as amended and supplemented (the “Resolution”), to issue bonds of the Authority from time to time; and

WHEREAS, the Resolution provides that such bonds shall be issued subject to the terms, conditions and limitations established by the Resolution and one or more supplemental resolutions authorizing each series of bonds; and

WHEREAS, under the Resolution bonds are defined to mean, inter alia, project loan obligations delivered to evidence the Authority’s obligation to repay the financing of a loan from the State of Connecticut (the “State”) under its Drinking Water State Revolving Fund Program (“DWSRF”); and

WHEREAS, the Representative Policy Board of the South Central Connecticut Regional Water District (the “RPB”) approved the issuance of bonds or project loan obligations on November 20, 2014 in the maximum principal amount of \$28,425,000 to finance the purchase and installation of advanced meter reading infrastructure (the “AMI Project”); and

WHEREAS, on February 22, 2018 the Authority issued its Project Loan Obligation No. 2018-7063 in the amount of \$7,588,217.94 to partially finance the costs of the AMI Project; and

WHEREAS, on August 21, 2018 the Authority issued its Project Loan Obligation No. 2019-7071 in the amount of \$3,258,240.26 to partially finance the costs of the AMI Project; and

WHEREAS, on February 22, 2019 the Authority issued its Project Loan Obligation No. 2019-7078 in the amount of \$3,912,957.51 to partially finance the costs of the AMI Project; and

WHEREAS, on February 26, 2019, the Authority issued its \$3,650,000 bond anticipation note to temporarily finance the costs of a portion of the AMI Project (the “Webster Bond Anticipation Note”); and

WHEREAS, on February 27, 2019, the Authority issued its \$3,750,000 bond anticipation note to temporarily finance the costs of a portion of the AMI Project (the “Citizens Bond Anticipation Note” and together with the Webster Bond Anticipation Note, the Bond Anticipation Note”); and

WHEREAS, the Authority hereby determines that it is necessary and desirable that the Authority issue its Project Loan Obligation (the “PLO”) to refund the Bond Anticipation Note and permanently finance (i) the costs of certain capital improvements to the water system of the Authority including specifically a portion of the cost of the AMI Project, (ii) funds for deposit to certain reserve funds held under the Resolution, if necessary and (iii) the costs of issuance related to the PLO.

NOW, THEREFORE, BE IT RESOLVED BY THE SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY AS FOLLOWS:

## ARTICLE I

### AUTHORITY AND DEFINITIONS

#### Section 101. Authority for Supplemental Resolution.

This supplemental resolution (the “Supplemental Resolution”) to the Resolution in substantially the form presented at this meeting with such changes, omissions, insertions and revisions as the Chairperson or Vice Chairperson and President/Chief Executive Officer or Vice President of Financial Services shall deem advisable and as set forth in the Certificate of Determination (as hereinafter defined) is adopted in accordance with the provisions of Article II and Article IX of the Resolution and pursuant to the authority contained in the Act.

#### Section 102. Definitions.

A. All terms defined in Section 102 of the Resolution shall have the same meanings, respectively, in this Supplemental Resolution.

B. In addition, as used in this Supplemental Resolution, unless the context otherwise requires, the following term shall have the following meaning:

“Certificate of Determination” means a certificate of determination required by Section 701 hereof, signed by the Chairperson or Vice Chairperson and the President/Chief Executive Officer or Vice President of Financial Services setting forth the terms of the PLO and attached hereto as **Exhibit A** and made a part hereof.

C. Unless the context otherwise requires, in this Supplemental Resolution words of the masculine gender shall mean and include correlative words of the feminine and neuter genders; words importing the singular number shall mean and include the plural number and vice versa; words importing persons shall include firms, associations and corporations; and the terms, “hereby”, “hereof”, “hereto”, “herein”, “hereunder” and any similar terms refer to this Supplemental Resolution.

## ARTICLE II

### AUTHORIZATION OF PLO

#### Section 201. Principal Amount, Designation and Series.

A series of bonds entitled to the benefit, protection and security of the Resolution is hereby authorized in the maximum amount not to exceed \$7,000,000. Such series of bonds shall be designated as, and shall be distinguished from, the Bonds of all other series by the title of Project Loan Obligation with the number assigned to it by the State. The principal amount of the PLO shall be as set forth in the Certificate of Determination.

#### Section 202. Purpose.

The purposes for which the PLO are being issued are to permanently finance (i) the costs of certain capital improvements to the water system of the Authority specifically, a portion of the cost of the purchase and installation of advanced meter reading infrastructure, (ii) funds for deposit to the Capital Contingency Fund, the Debt Reserve Fund and the Operating Reserve Fund, as necessary and (iii) the costs of issuance related to the PLO. The amount of the PLO being issued for Other Corporate Purposes is as set forth in the Certificate of Determination.

#### Section 203. Date, Maturity and Interest Rates.

The PLO shall be dated the Date of Delivery.

The PLO shall be issued as a term bond which shall mature in the aggregate principal amount as established by the Certificate of Determination. The PLO shall bear interest at a rate of 2% per year on the unpaid principal balance calculated on the basis of a 360-day year consisting of twelve 30-day months.

#### Section 204. Interest Payment Dates.

The PLO shall bear interest from its dated date, payable monthly as set forth in the Certificate of Determination.

#### Section 205. Reserved.

#### Section 206. Method of Payments.

The principal of, premium, if any, and interest on the PLO shall be payable by check, draft or wire transfer payable to the Treasurer, State of Connecticut at: State of Connecticut, Office of the Treasurer, 55 Elm Street, Hartford, CT 06106, Attn: DWSRF Financial Administrator, or to such other place as the State shall designate in writing to the Authority. Such payments to the Treasurer are in lieu of payments to the Trustee required by Section 404 C1 and Section 404 C2 of the Resolution for the principal and interest payments due on the PLO.

Section 207. Redemption.

A. The PLO shall be subject to optional redemption as set forth in the Certificate of Determination.

B. The PLO shall be subject to mandatory sinking fund redemption at 100% of the principal amount thereof plus accrued interest to the date of redemption, from sinking fund payments in the amounts as established by the Certificate of Determination.

C. The PLO is subject to mandatory redemption in whole at 100% of the principal amount thereof plus accrued interest to the date of redemption if all or substantially all of the Water System is taken by the State or any municipality in the State with general governmental powers and duties as more particularly described in Section 507 of the Resolution.

Section 208. Delivery of PLO.

The PLO shall be delivered to the State to evidence the Authority's obligation to repay the financing of a loan from the State's DWSRF.

### **ARTICLE III**

#### **DISPOSITION OF PROCEEDS OF PLO**

Section 301. Refunding.

Upon delivery of the PLO and receipt of payment therefor, the Authority shall pay from the net proceeds thereof, after the payment of certain Costs of Issuance, the amounts necessary to refund the Bond Anticipation Note as established by the Certificate of Determination.

Section 302. Other Funds.

The Trustee or the Authority shall deposit such other proceeds in such other funds as set forth in the Certificate of Determination.

### **ARTICLE IV**

#### **FORM AND EXECUTION OF PLO**

Section 401. Form of PLO and Trustee's Certificate of Authentication.

Subject to the provisions of the Resolution, the PLO and the Trustee's certificate of authentication shall be, respectively, in substantially the form as set forth in **Exhibit B** to this supplemental resolution, with such insertions or omissions, endorsements and variations as may be required or permitted by the Resolution.

Section 402. Execution of PLO.

The Chairperson, Vice Chairperson, President/Chief Executive Officer or Vice President of Financial Services, or any one of them is hereby authorized and directed to execute the PLO and the Secretary, Chairman, Vice Chairperson, President/Chief Executive Officer or Vice President of Financial Services, or any one of them is hereby authorized to sign and attest the Authority's seal on the PLO, each by their manual or facsimile signatures.

Section 403. Continued Exemption from Federal Income Taxation.

The Authority hereby agrees and covenants that it shall at all times perform all acts and things necessary or appropriate under any valid provision of law or in order to ensure that interest or amounts treated as interest, as applicable, paid on the PLO shall not be includable in the gross income of the owners thereof for Federal income tax purposes under the Code. Further, the Chairman, Vice Chairperson, President/Chief Executive Officer or Vice President of Financial Services, or any one of them are hereby authorized to execute all instruments and documents necessary to take such action.

Section 404. No Recourse on PLO.

No recourse shall be had for the payment of the principal or Redemption Price, if any, of or interest or amounts treated as interest, as applicable, on the PLO or for any claim based thereon or on the Resolution against any member or officer of the Authority or any person executing the PLO and neither any member or officer of the Authority nor any person executing the PLO shall be liable personally on the PLO by reason of the issuance thereof.

## ARTICLE V

### MISCELLANEOUS

Section 501. Delegation of Authority to Chairperson or Vice Chairperson and President and Chief Executive Officer or Vice President of Financial Services

The Chairperson or Vice Chairperson and President/Chief Executive Officer or Vice President of Financial Services are hereby delegated the authority to (i) determine with respect to the PLO the amount, issue date, date of maturity, denominations, redemption provisions, interest rate and mode, and other details of the PLO, (ii) determine whether the PLO shall be sold by competitive or negotiated sale and if such sale is negotiated, the purchaser of the PLO, and (iii) accept and incorporate into the PLO Supplemental Resolution any terms or provisions which they deem necessary or appropriate, all in accordance with the Act, the Resolution and any other provision of law applicable thereto. The Chairperson or Vice Chairperson and President/Chief Executive Officer or Vice President of Financial Services shall prepare a Certificate of Determination prior to the date of delivery of the PLO to be attached hereto as **Exhibit A** and incorporated in this PLO Supplemental Resolution setting forth such details and particulars of the PLO as determined in accordance with this delegation. Should the details and particulars of

the PLO conflict with such details and particulars set forth in this PLO Supplemental Resolution, the Certificate of Determination shall control.

Section 502. Effective Date.

This Supplemental Resolution shall take effect immediately.

**EXHIBIT A**

**CERTIFICATE OF DETERMINATION**

**SEE ITEM 7**



## EXHIBIT B

### FORM OF PROJECT LOAN OBLIGATION

U.S. \$ \_\_\_\_\_, 20 \_\_\_\_\_

**UNITED STATES OF AMERICA  
STATE OF CONNECTICUT  
SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY**

#### **Project Loan Obligation**

The South Central Connecticut Regional Water Authority, New Haven, Connecticut (the "Municipality"), for value received, hereby unconditionally promises to pay to the STATE OF CONNECTICUT (the "State") pursuant to the terms and conditions of a \_\_\_\_\_ and Project Loan and Subsidy Agreement dated \_\_, 20\_\_\_\_ between the Municipality and the State, (the "Agreement"), the principal sum of:

\_\_\_\_\_  
(\$ \_\_\_\_\_)

together with interest on the aggregate unpaid principal balance thereof. Unless otherwise required by law, the aggregate unpaid principal amount of this Project Loan Obligation and the interest thereon shall be payable in the amount of \_\_\_\_\_, with final payment due and owing on \_\_\_\_\_. Such installments shall be comprised of principal and interest as shown on the Schedule of Payments attached hereto, subject to the Municipality's rights to prepay this Project Loan Obligation in whole or in part without premium or penalty as set forth in the Agreement. If the Municipality should exercise such right of prepayment, the schedule of remaining principal and interest payments, if any, shall be adjusted accordingly by the State.

Interest on the aggregate unpaid principal amount of this Project Loan Obligation shall be payable at the rate of two percent (2%) per annum. Interest on this Project Loan Obligation shall be computed on the basis of a year of three hundred sixty (360) days and twelve 30-day months.

The Municipality agrees to make all payments in lawful money of the United States, to pay interest at the rate specified above and to pay all costs including reasonable attorneys' fees incurred by the State in the collection of this Project Loan Obligation. Both the principal of and interest on this Project Loan Obligation shall be payable in lawful money of the United States of America to the Treasurer, State of Connecticut, at: State of Connecticut, Office of the Treasurer, 55 Elm Street, Hartford, Connecticut 06106, Attn: Clean Water Fund Financial Administrator or to such other place as the State shall designate in writing to the Municipality.

This Project Loan Obligation has been executed and delivered subject to the terms and conditions of the Agreement to which reference is hereby made for the terms and conditions upon which it shall be and may be prepaid in whole or in part without premium or penalty and generally as to the rights and duties of the State and as to the rights and duties of the Municipality.

Any capitalized terms used herein shall have the meanings ascribed to them in the Agreement.

It is hereby certified that every requirement of law relating to the issue hereof has been duly complied with and that this Project Loan Obligation is within every debt and other limit prescribed by law or by the Municipality. **This Project Loan Obligation is a special obligation of the Municipality issued pursuant to and secured by its Water System Revenue Bond Resolution, General Bond Resolution adopted on July 31, 1980 as amended and supplemented to date including as supplemented by its \_\_\_\_\_ Supplemental Resolution (collectively, the “General Bond Resolution”) and payable solely from the revenues derived from the Water System as that term is defined in the General Bond Resolution, and the full faith and credit of the Municipality is pledged to the payment of the principal of and interest on this Project Loan Obligation as the same may become due.**

*[Remainder of page intentionally left blank]*

**IN WITNESS WHEREOF, the \_\_\_\_\_, Connecticut, has**  
caused the seal of the \_\_\_\_\_ to be affixed hereto and this Project Loan Obligation to be signed in  
its name by the manual signature of the \_\_\_\_\_ of \_\_\_\_\_ and the  
seal of the Authority to be attested by the manual signature of the \_\_\_\_\_ of the Authority as of  
the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**SOUTH CENTRAL CONNECTICUT  
REGIONAL WATER AUTHORITY**

By: \_\_\_\_\_

Its

(SEAL)

Attested

By: \_\_\_\_\_

CERTIFICATION OF BANK

This is to certify that the within Project Loan Obligation is one of the particular issues described therein; that the signatures and seal thereto affixed are genuine; and that an opinion approving the legality of this issue has been rendered by \_\_\_\_\_ Attorney-at-Law, of \_\_\_\_\_, Connecticut.

By: \_\_\_\_\_

(Bank Officer)

## SCHEDULE OF PAYMENTS

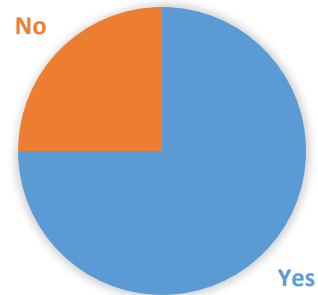
## Board Report and Meeting Material Survey Results | July 7, 2020

*Tell us your thoughts on the monthly board report.*

### Do you currently read the monthly board report?

(Four Responses)

- Yes (3)
- No (1)

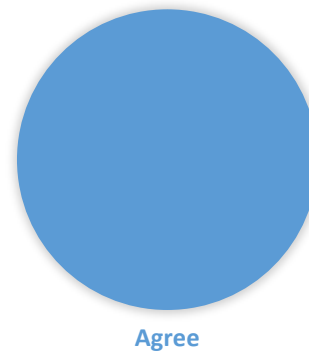


*Please indicate how strongly you agree or disagree with the following statements:*

### I use the monthly board report as my primary source for important information about the RWA's business, financial and operational highlights.

(Three Responses)

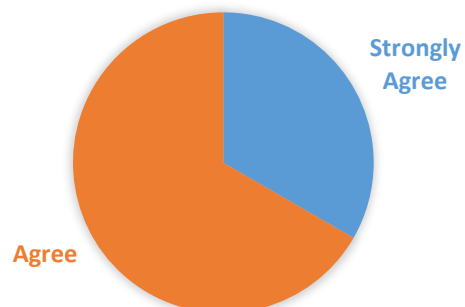
- Strongly Agree (0)
- Agree (3)
- Disagree (0)
- Strongly Disagree (0)



### The monthly board report communicates clear and important information I need to know as a board member.

(Three Responses)

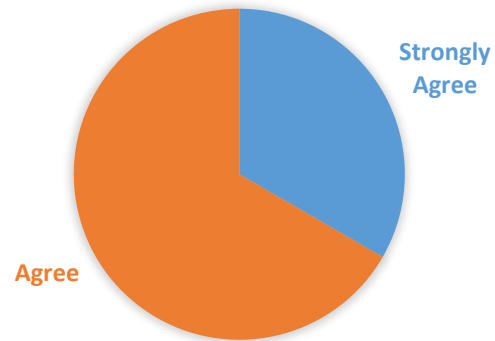
- Strongly Agree (1)
- Agree (2)
- Disagree (0)
- Strongly Disagree (0)



**The information contained in the monthly board report helps me in fulfilling my role better as a board member.**

(Three Responses)

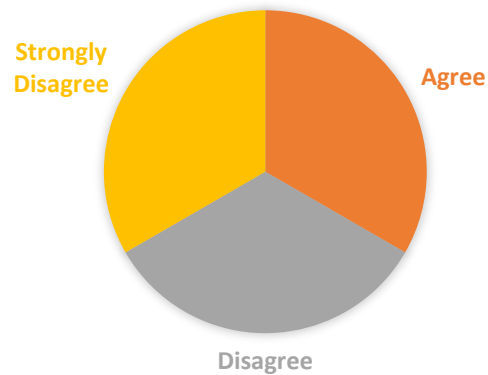
- Strongly Agree (1)
- Agree (2)
- Disagree (0)
- Strongly Disagree (0)



**The monthly board report is too long and hard to read.**

(Three Responses)

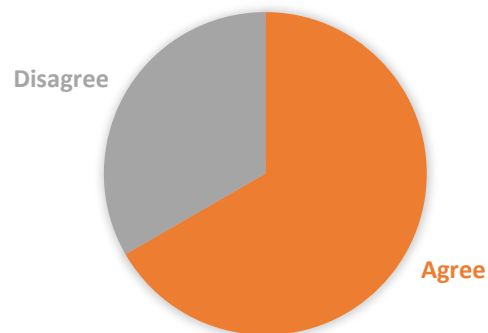
- Strongly Agree (0)
- Agree (1)
- Disagree (1)
- Strongly Disagree (1)



**The monthly board report is just the right length and easy to read.**

(Three Responses)

- Strongly Agree (0)
- Agree (2)
- Disagree (1)
- Strongly Disagree (1)





*Tell us your thoughts on board meeting materials and discussions.*

**Do you find the materials for the board meetings helpful to understanding a topic for discussion?**

(Three Responses)

- Yes (3)
- No (0)

**How could we improve the materials to make them more useful to you?**

(One Response)

- The PPT's are good, the information appears to be the right level of depth.

**Do you feel the board discussions are too “in the weeds?”**

(Three Responses)

- Yes (0)
- No (3)

**What could management do to help raise the level of discussion?**

(Two Responses)

- Topics should include presentations that keep info to top level and board will likely follow.
- Highlight issues of importance contained in the material that should be focused upon.

**What special topics would you like on the agenda to discuss at least quarterly?**

(Two Responses)

- Cyber security, financial (include operating and capital budget updates and changes), workforce, new initiatives and a follow-up, water quality, capacity and usage.
- New strategic directions.

**Any other suggestions to improve the meetings?**

(One Response)

- We have a mix of board members in both talent and personality. Differences in areas of interest and desire to see large and small picture are working well together.

# **Water Distribution System Update**

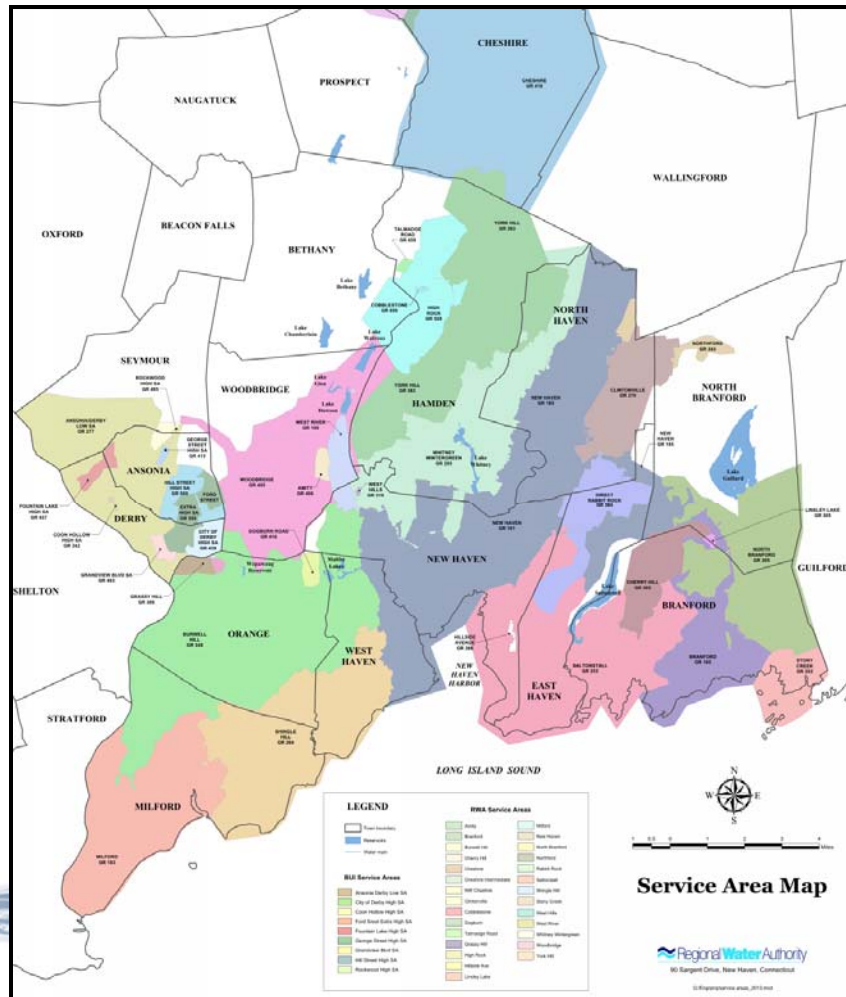
**Regional Water Authority Meeting**

**July 16, 2020**

**Beth Nesteriak, Lisa Burns**



# Water Distribution System: Overview



- 1,700 miles of pipe
- 35 storage tanks
- 26 pump stations
- 1,000s of appurtenances (i.e., valves, hydrants, air releases, meters, etc.)
- 4 surface water treatment plants
- 6 supply wellfields
- 37 pressure zones (service areas)

# Water Distribution System: Operating Strategy

## The 3Rs:

1. Risk
2. Resiliency
3. Redundancy



# Addressing Risk

- Near-term:
  - Review plans & documentation
  - Verify operating status of critical infrastructure
  - Develop plans to restore near-term functionality
  - Communicate findings & expectations
- Long-term vision:
  - Practice long-range master planning in conjunction with financial modeling
  - Eliminate system components
  - Reduce on-going O&M expenses



# Improving Resiliency

- Near-term:
  - Use opportunities to drill & practice
  - Conduct root-cause analyses for system failures
- Long-term vision:
  - Advance asset management system/GIS/hydraulic modeling/CIS/SCADA tools to predict water distribution system responses *before* events occur



# Providing Redundancy

- Near-term:
  - Identify areas where single points of failure & knowledge gaps exist (system & people)
  - Leverage opportunities to include provisions in current repairs and projects underway
- Long-term vision:
  - Provide all service areas (pressure zones) with more than one source of supply
  - Execute system investments in accordance with master planning priorities linked to financial modeling and rate tolerance
  - Address succession planning/cross training





# Operations Summary

- Improve fundamentals
- Take holistic approach to support the core water business: people; process; technology; and investments
- Leverage existing resources (budgets, staffing) and future opportunities to achieve near and long-term goals



# Discussion and Questions



## RPB COMMITTEE MEETINGS

Month	Meeting	Will Attend
<b>July - 2020</b>	<i>Finance Committee</i> Monday, July 13 at 5:00 p.m.	Joe
	<i>Land Use Committee</i> Wednesday, July 8 at 5:30 p.m.	David
	<i>Consumer Affairs Committee</i> Monday, July 20 at 5:30 p.m.	Kevin
<b>August - 2020</b>	<i>Finance Committee</i> Monday, August 10 at 5:00 p.m.	David
	<i>Land Use Committee</i> Wednesday, August 12 at 5:30 p.m.	Suzanne
	<i>Consumer Affairs Committee</i> Monday, August 17 at 5:30 p.m.	Joe
<b>September - 2020</b>	<i>Finance Committee</i> Monday, September 14 at 5:00 p.m.	Kevin
	<i>Land Use Committee</i> Wednesday, September 9 at 5:30 p.m.	Suzanne
	<i>Consumer Affairs Committee</i> Monday, September 21 at 5:30 p.m.	David