

South Central Connecticut Regional Water Authority
Via Remote Access**

AGENDA

Regular Meeting of Thursday, May 20, 2021 at 12:30 p.m.

-
- A. Safety Moment
 - B. Meet as Sole Member of the Claire C. Bennitt Watershed Fund: B. Stone
 - 1. Consider and act on CCB WSF recommendation for appointment of directors
 - C. Meet as Audit-Risk Committee: A. DiSalvo
 - 1. Approve Minutes – February 18, 2021 meeting
 - 2. Cybersecurity Update – Including Executive Session: B. Nesteriak and P. Singh
 - 3. FY 2022 Committee Work Plan
 - D. Meet as Environmental, Health & Safety Committee: K. Curseaden
 - 1. Approve Minutes – March 18, 2021 meeting
 - 2. Hamden Middle School Remediation Update: J. Hudak
 - 3. Legislative Update: L. Vitagliano
 - 4. Sustainability Activities: A. Velasquez
 - E. Act on matters arising from Committee meetings
 - F. Consent Agenda
 - 1. Approve Minutes – April 15, 2021 meeting
 - 2. Capital Budget Authorization - June 2021
 - 3. Capital Budget Transfer Notifications (no action required) – June 2021
 - 4. Consider and act on exemptions from public bid for FY 2022
 - 5. Monthly Financial Report – April 2021
 - 6. Accounts Receivable Update – April 2021
 - G. Updates: L. Bingaman
 - 1. COVID & Return to Work Update: B. Nesteriak and R. Kowalski
 - 2. Monthly Board Letter Highlights: L. Bingaman
 - H. Reports on RPB Committee Meetings
 - I. *Proposed Land Use Plan Amendment – Lake Chamberlain Fishing Trails: J. Triana

[RECESS AUTHORITY MEETING TO ATTEND RPB MEETING]

- J. Approve FY 2022 Budget and authorize filing with Trustee

**RPB Member (V. Marino) will be excused at item I*

******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 meeting will be held remotely. 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=2021&category=1422&meettype=&page=>. For questions, contact the board office at jslubowski@rwater.com or call 203-401-2515.

Topic: Authority Regular Meeting (including Audit-Risk and Environmental, Health & Safety Committee meetings)

Time: May 20, 2021 12:30 PM Eastern Time (US and Canada)

Join Zoom Meeting (*via conference call*)

Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

Meeting ID: 873 7774 3908

Passcode: 336163

Find your local number: <https://us02web.zoom.us/j/kczDW7t6kF>

[AUTHORITY MEETING IS SCHEDULED TO RECONVENE TO VOTE ON THE FY 2022 CAPITAL AND OPERATING BUDGET IMMEDIATELY FOLLOWING THE REPRESENTATIVE POLICY BOARD MEETING. DETAILS TO JOIN THAT MEETING ARE BELOW]:

Topic: RPB Regular Meeting

Time: May 20, 2021 06:30 PM Eastern Time (US and Canada)

Join Zoom Meeting (*via conference call*)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 890 0622 3263

Passcode: 464356

Find your local number: <https://us02web.zoom.us/j/khagVgJg1>

SAFETY MOMENT

WORKSTATION ERGONOMICS

Please review the following information on body positioning at your computer workstation. This is especially important if you are working from home and may not have the ideal workstation configuration.

General Guidelines:

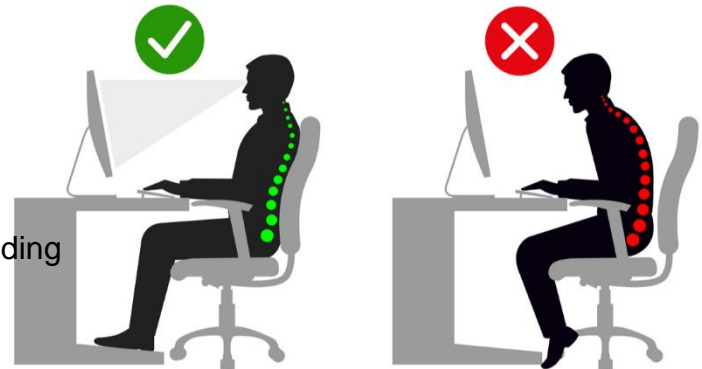
- Head and neck to be upright and forward facing
- Shoulders, upper arms, and elbows in-line with the torso and close to body
- Wrists and hands should be straight
- Feet rested flat on the floor or supported by a stable footrest

Seating:

- Backrest to provide support for lower back
- Seat does not press against back of knees or lower legs

Monitor:

- Screen is at or below eye level and at a sufficient distance for reading
- Positioned directly in front you
- Close shades to avoid glare on the screen



**Tap Into
Safety**



Regional Water Authority

Service – Teamwork – Accountability – Respect – Safety



Date: May 14, 2021

To: South Central Connecticut Regional Water Authority

From: Claire C. Bennitt Watershed Fund Board of Directors

Re: Director Recommendations

At its meeting on Wednesday, May 5, 2021, the Board of Directors of the Claire C. Bennitt Watershed Fund ("CCB WSF"), at the recommendation of its Nominating Committee, voted unanimously to recommend to the South Central Connecticut Regional Water Authority ("Authority"), Scott M. Jones and Marco Mutonji for appointment to the board of the CCB WSF.

The Committee adopted selection guidelines and interviewed both candidates. After discussion, the committee voted to recommend both candidates to the CCB WSF.

Scott Jones currently works as a Senior Assistant Public Defender at the State of Connecticut Division of Public Defender Services. His bar memberships include the Supreme Court of the United States, Connecticut and Pennsylvania. Scott has also served in the army reserves. He currently serves on the CT Commission on Racial & Ethnic Disparities Criminal Justice Section, the CT Judicial Statewide Grievance Committee, the New Haven Legal Assistance Association, Inc., and the International Association of New Haven.

Scott is also the Executive Board Recording Secretary for the AFSCME, Council 4, Local 381 Union, Associate Fellow at the Yale University Saybrook College and a Barrister member of the New Haven Inn of Court. His associations include the National Defense Investigators Association, National Association for Public Defense, New Haven County Bar Association and CT Criminal Defense Lawyers Association.

Marco Mutonji, is currently the Grants and Finance Administrator of the Women's Health Research and Yale. He previously worked as an accountant, assurance associate, senior portfolio accountant, staff accountant and accounts payable administrator.

Marco is currently a Certified Public Accountant in the State of New York and is fluent in French and Swahili.

After the Nominating Committee's interviews with both candidates, it was determined that their qualifications met the requirements in the selection criteria. Both resumes are enclosed for your reference.

The Claire C. Bennitt Watershed Fund Board of Directors strongly recommends the appointment of Attorney Jones and Mr. Mutonji at the Authority's meeting on May 20, 2021.

/js

Enclosures

cc: Brian M. Stone, Esq., President, CCB WSF
Larry L. Bingaman, President & CEO, RWA

**South Central Connecticut Regional Water Authority
Minutes of the April 15, 2021 Meeting**

The regular meeting of the South Central Connecticut Regional Water Authority (“RWA” or “Authority”) took place on Thursday, April 15, 2021, via remote access. Chairman Borowy presided.

Present: Authority – Messrs. Borowy, Cermola, Curseaden, DiSalvo, and Ms. Sack
Management – Mss. Bochan, Gonzalez, Kowalski, Nesteriak, Reckdenwald, Valentin, and Messrs. Bingaman, Norris, Singh, and Triana
RPB – Mr. Havrda
Staff – Mrs. Slubowski

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

Ms. Reckdenwald, RWA’s Senior Vice President of Corporate Services, reviewed the Safety Moment distributed to members.

At 12:31 p.m., on motion made by Mr. Curseaden, seconded by Mr. Cermola, and unanimously carried, the Authority voted to recess the regular meeting to meet as the Pension & Benefit Committee.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

At 1:28 p.m., the Authority reconvened.

Ms. Sack reported that the Pension and Benefit Committee recommended the following resolutions, as discussed at the Pension & Benefit Committee meeting. Mr. Curseaden stated the importance of having a plan, explaining the plan, conducting due diligence, and having valid reasons for changes in the plan. Mr. Curseaden further stated his support for the proposed recommendations and appreciates the guidance and input from management and the consultants. He moved for approval of the following resolutions:

RESOLVED, that the Authority approves a contribution of \$1,077,926 to the South Central Connecticut Regional Water Authority’s Union Employees’ Retirement Plan, effective for the actuarial valuation of January 1, 2021; and

FURTHER RESOLVED, that the Authority approves the South Central Connecticut Regional Water Authority’s Union Employees’ Retirement Plan be changed from the PubG-2010 Total Employee and Annuitant with Scale MP-2019 generational improvements (M/F) to the PubG-2010 Total Employee and Annuitant with Scale MP-2020 generational improvements (M/F), effective for the actuarial valuation of January 1, 2021.

RESOLVED, that the Authority approves a contribution of \$2,142,513 to the South Central Connecticut Regional Water Authority’s Salaried Employees’ Retirement Plan, effective for the actuarial valuation of January 1, 2021; and

FURTHER RESOLVED, that the Authority approves the South Central Connecticut Regional Water Authority’s Salaried Employees’ Retirement Plan be changed from the PubG-2010 Above Median Employee and Annuitant with Scale MP-2019 generational improvements (M/F) to the

PubG-2010 Above Median Employee and Annuitant with Scale MP-2020 generational improvements (M/F), effective for the actuarial valuation of January 1, 2021.

RESOLVED, that the Authority approves a contribution of \$1,734,198 to the South Central Connecticut Regional Water Authority's Retired Employees' Contributory Welfare Trust, effective for the actuarial valuation of January 1, 2021; and

FURTHER RESOLVED, that the Authority approves that the mortality table for the South Central Connecticut Regional Water Authority's Retired Employees' Contributory Welfare Trust be changed from the PubG.H.-2010 Employee and Healthy Annuitant with Scale MP-2019 generational improvements (M/F) to the PubG.H.-2010 Employee and Healthy Annuitant with Scale MP-2020 generational improvements (M/F), effective as of the actuarial valuation of January 1, 2021.

RESOLVED, that based, on the recommendation of its Pension & Benefit Committee, the South Central Connecticut Regional Water Authority authorizes an increase of \$1,094,561 as a combined contribution to the South Central Connecticut Retirement Plan and the South Central Connecticut Regional Water Authority Salaried Employees' Retirement Plan during fiscal year 2021.

Ms. Sack seconded the motion. The Chair called for the vote and the resolutions were adopted unanimously.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

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

1. Minutes March 18, 2021 and April 1, 2021 meetings
2. Capital budget authorization for May 2021

RESOLVED, that the Vice-President of Financial Reporting and Analysis is authorized to submit to the Trustee one or more requisitions in an aggregate amount not to exceed \$6,000,000 for the month of May 2021 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.

3. Capital Budget Transfer Notifications for May 2021
4. Monthly Financial Report – March 2021
5. Accounts Receivable Update - March 2021
6. Derby Tank Update
7. North Cheshire Update

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Ms. Nesteriak, RWA's Executive Vice President and Chief Operating Officer, reported on activities over the past month, which included:

- Employee health metrics
- Vaccination clinic at the RWA
- Return to work schedule

Mr. DiSalvo noted that the Authority should receive a draft protocol for the return to work plan for discussion at its May meeting.

Mr. Bingaman, RWA's President and Chief Executive Officer:

- Reported on the RWA's efforts to acquire a commercial business. He stated that a letter of intent, including a deal structure, was sent to a local company. Efforts to advance the PipeSafe product extension are advancing and currently undergoing feature and pricing validation with an actuarial firm.
- Provided a recruitment update. The RWA is currently searching for candidates to fill the positions of Vice President of Financial Services, Director of Engineering and Environmental Services, and Director of Employee Relations. Interviews are underway.
- Highlighted an opinion article he submitted to the CT Mirror in honor of World Water Day last month. The article discussed the importance of reliable, high quality drinking water and the need to protect it. It also identified the value of investing in drinking water infrastructure for social, environmental and economic benefits and called upon individuals and lawmakers to support legislation for water infrastructure improvements.
- Provided an update on the status of his letter to Congresswoman DeLauro to request her support to include water authorities in the stimulus funding. He also stated that management is working with a professional grant writer to apply for federal grants to assist with funding for infrastructure projects.
- Reported that in March he and Ms. Reckdenwald met with officials of the e Greater New Haven Chamber of Commerce ("GNHCC") and received an update on the Business Retention and Growth initiative during 2020. The program is designed to connect with small and medium sized businesses to understand needs and respond with resources. Despite efforts ceasing in mid-March and not resuming until August 2020, the Chamber's business retention and growth program specialist has visited with 136 area companies, provided almost 300 resources for information, education, and advocacy and discovered more than 340 new job potentials.
- Highlighted his status as Founding Member of the Conscious Capitalism Senior Leader Network, whose purpose is to make life better for people.

At 1:34 p.m., Mss. Bochan, Gonzalez, and Valentin entered the meeting.

Mr. Singh, the RWA's Chief Information Digital Officer and Vice President of Customer Care, Ms. Bochan, the RWA's Business Transformation Director, and Ms. Gonzalez, the RWA's Director of Service, provided a 3-year Customer Care Realignment Transformation Update, which included:

- Customer care vision & experience strategy
- Current landscape and impacts on service
- Journey & roadmap
- RWA & Customer opportunities
- Customer portal & mobile application
- Key transformation themes & potential benefits
- Digital enablement
- Virtual assistants

Mss. Bochan and Gonzalez provided an AMI Benefits Realization Walk, which included:

- Key points
- Cost/benefit realization

At 3:02 p.m., Mss. Bochan, Gonzalez and Valentin withdrew from the meeting and Mr. Triana entered the meeting.

Authority members reported on recent Representative Policy Board ("RPB") committee meetings.

Mr. Norris, the RWA's Vice President of Asset Management, and Mr. Triana, the RWA's Real Estate Manager, held a discussion regarding the transfer of option to purchase land at 475 Putnam Avenue in Hamden.

Chair Borowy stated his support of the transfer.

After discussion, Mr. DiSalvo moved for approval of the following resolution:

Resolved, that the Authority hereby approves the transfer of an Option to purchase 88.8 acres south of between Treadwell St. in Hamden to the Hamden Land Conservation Trust. This Option was created by an Agreement between the Olin Mathieson Chemical Corporation and the New Haven Water Company on May 7, 1964 and is filed on the Town of Hamden Land Records in Volume 484, pages 384-389 on May 14, 1964; and

Further Resolved, that the President and CEO and the Executive VP and Chief Operating Officer are authorized to take any and all actions necessary to complete the transfer.

Ms. Sack seconded the motion. The Chair called for the vote:

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Chair Borowy acknowledged Mr. Cermola and stated that this may be his last meeting as Authority member. The Representative Policy Board Nominating Committee will recommend one of the candidates, referred by Mayor Elicker, at the Representative Policy Board meeting tonight to fill Mr. Cermola's expired term.

He thanked Mr. Cermola for his years of service, since before the formation of the Regional Water Authority. His experience with engineering and finance have contributed greatly to the organization. Other members thanked Mr. Cermola for his service.

Mr. Cermola stated that it has been an honor and privilege to work with the board members and management and he wished the Regional Water Authority success in the future.

At 3:10 p.m., Messrs. Havrda, Norris, Singh, and Triana, withdrew from the meeting and on motion made by Mr. DiSalvo, seconded by Ms. Sack, and unanimously carried, the Authority voted to go into executive session to discuss personnel matters. Present in executive session were the Authority members, Mr. Bingaman and Mss. Nesteriak, Kowalski, Reckdenwald and Slubowski.

At 3:36 p.m., the Authority came out of executive session and the meeting adjourned.


Respectfully submitted,

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: David J. Borowy
Kevin J. Curseaden
Anthony DiSalvo
Catherine LaMarr
Suzanne C. Sack

FROM:  Rochelle Kowalski
Vice-President of Financial Reporting and Analysis

DATE: May 17, 2021

SUBJECT: Capital budget authorization request for June 2021

Attached for your meeting on May 20, 2021 is a copy of the resolution authorizing expenditures against the capital improvement budget for June 2021. The amount of the requested authorization, for funds held by the trustee, is \$1,850,000.

In addition, from the Growth Fund, approximately \$56,000 is expected to be used for the Non-Core Billing project.

This would result in projected expenditures through June 2021 of \$1,906,000 or 4.4% of the total 2022 fiscal year capital budget, including State and Redevelopment and Growth Fund.

Attachment

RESOLVED That the Vice-President of Financial Reporting and Analysis is authorized to submit to the Trustee one or more requisitions in an aggregate amount not to exceed \$1,850,000 for the month of June 2021 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 2022 for all Capital Improvement Projects to be exceeded.

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

TO:

David J. Borowy
 Kevin J. Curseaden
 Anthony DiSalvo
 Catherine LaMarr
 Suzanne C. Sack

FROM: *Rochelle Kowalski* Rochelle Kowalski

DATE: May 14, 2021

SUBJECT: Capital Budget Transfers

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
Ansonia Derby Tank	\$5,000	Laboratory Equipment
Ansonia Derby Tank	\$6,000	Field Operations Safety Equipment
LGWTP Clarifiers & Recycle Building	\$45,000	WRWTP Improvements
WRWTP Chemical Systems Improvements	\$45,000	WRWTP Improvements
Raynham Hill Pump Station	\$50,000	WRWTP Improvements
Sanford Street Pump Station	\$50,000	WRWTP Improvements
LGWTP Structural Improvements	\$65,000	WRWTP Improvements
WRWTP Backwash & Surface Wash Pump Replacement	\$95,000	WRWTP Improvements
West Avenue Tank Painting	\$115,000	WRWTP Improvements
Beach Avenue R.O.W. East Haven Capital Water Main Replacement	\$50,000	Oakland Ave/Bayshore Ave, Milford Capital Water Main Replacement
SAP SQL Upgrade	\$190,000	NSG Wellfield Facility Improvements
Monthly Billing	\$255,000	NSG Wellfield Facility Improvements
System-Wide RTU Upgrades	\$205,000	LGWTP Chemical Feed System Improvements

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-28	Apr/21
Requested By:	Amy Velazquez			

Transfer From:	
Account Number:	01-0000-107142-170301
Project Description:	Ansonia Derby Tank
A) Original Budget	1,000,000
B) Total Previous Transfers (In or Out)	786,034
C) This Transfer	5,000
D) Revised Budget (A+/-B-C)	208,966
E) Estimated Project Costs	150,000
F) Remaining Funds Available for Transfer, if any (D-E)	58,966
Explanation why funds are available: As a result of protracted delays associated with the rendering of a legal opinion, the project schedule has been significantly altered. Expenditures in FY 2021 will be under budget.	

Transfer To:	
Account Number:	001-000-107195-104634
Project Description:	Laboratory Equipment
A) Original Budget	0
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	0
D) Amount to be Transferred	5,000
E) Proposed Revised Budget (C+D)	5,000
Explanation why funds are needed: This amendment will provide funding for the purchase of a secondary containment unit for hazardous waste generated by the laboratory. The existing storage location is unsuitable due to its proximity to personnel and the HVAC systems. This new containment unit is rated for outdoor use and be located outside the overhead door of the executive garage. It will increase storage capacity. Total cost of the unit is estimated at \$5,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	Edward O. Norris, III	4/9/21 (at CMC)
2) Donor Vice President/Director	Edward O. Norris, III	4/9/21 (at CMC)
3) Vice President - Finance	Rochelle Kowalski	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	Beth Nesteriak	4/9/21 (at CMC)
5) Chief Executive Officer		
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Corporate Services	B1	21-27	Apr/21
Requested By:	Joseph Antinozzi			

Transfer From:	
Account Number:	01-0000-107142-170301
Project Description:	Ansonia Derby Tank
A) Original Budget	1,000,000
B) Total Previous Transfers (In or Out)	780,034
C) This Transfer	6,000
D) Revised Budget (A+/-B-C)	213,966
E) Estimated Project Costs	150,000
F) Remaining Funds Available for Transfer, if any (D-E)	63,966
Explanation why funds are available: As a result of protracted delays associated with the rendering of a legal opinion, the project schedule has been significantly altered. Expenditures in FY 2021 will be under budget.	

Transfer To:	
Account Number:	001-000-107198-103200
Project Description:	Field Operations Safety Equipment
A) Original Budget	0
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	0
D) Amount to be Transferred	6,000
E) Proposed Revised Budget (C+D)	6,000
Explanation why funds are needed: This amendment will provide funds for the acquisition of a portable ozone monitor to enhance personnel safety. In addition to the detection and reporting of ozone, this equipment will also detect the presence of other harmful gases, including carbon dioxide, carbon monoxide, ammonia and nitrogen dioxide. Total cost of the unit is estimated at \$6,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Jeanine Reckdenwald</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer		
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-32	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107132-116116
Project Description:	Lake Gaillard Water Treatment Plant Clarifiers & Recycle Building Improvements
A) Original Budget	80,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	45,000
D) Revised Budget (A+/-B-C)	35,000
E) Estimated Project Costs	35,000
F) Remaining Funds Available for Transfer, if any (D-E)	0
Explanation why funds are available: Project work for FY 2021 will complete under budget.	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	215,000
C) Revised Budget (A+/-B)	315,000
D) Amount to be Transferred	45,000
E) Proposed Revised Budget (C+D)	360,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-34	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107132-166029
Project Description:	West River Water Treatment Plant Chemical Systems Improvements
A) Original Budget	50,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	45,000
D) Revised Budget (A+/-B-C)	5,000
E) Estimated Project Costs	3,640
F) Remaining Funds Available for Transfer, if any (D-E)	1,360
Explanation why funds are available: Project work incorporated into the West River Water Treatment Plant Improvements project.	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	325,000
C) Revised Budget (A+/-B)	425,000
D) Amount to be Transferred	45,000
E) Proposed Revised Budget (C+D)	470,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-30	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107125-101212
Project Description:	Raynham Hill Pump Station
A) Original Budget	50,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	50,000
D) Revised Budget (A+/-B-C)	0
E) Estimated Project Costs	0
F) Remaining Funds Available for Transfer, if any (D-E)	0
Explanation why funds are available: Project was deferred in FY 2021.	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	115,000
C) Revised Budget (A+/-B)	215,000
D) Amount to be Transferred	50,000
E) Proposed Revised Budget (C+D)	265,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-31	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107125-060080
Project Description:	Sanford Street Pump Station
A) Original Budget	0
B) Total Previous Transfers (In or Out)	270,000
C) This Transfer	50,000
D) Revised Budget (A+/-B-C)	220,000
E) Estimated Project Costs	216,000
F) Remaining Funds Available for Transfer, if any (D-E)	4,000
Explanation why funds are available: Project work completed under budget	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	165,000
C) Revised Budget (A+/-B)	265,000
D) Amount to be Transferred	50,000
E) Proposed Revised Budget (C+D)	315,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B1	21-33	Apr/21
Requested By:	Orville Kelley			

Transfer From:				
Account Number:	001-000-107132-116115			
Project Description:	Lake Gaillard Water Treatment Plant Structural Improvements			
A) Original Budget				66,000
B) Total Previous Transfers (In or Out)				0
C) This Transfer				65,000
D) Revised Budget (A+/-B-C)				1,000
E) Estimated Project Costs				844
F) Remaining Funds Available for Transfer, if any (D-E)				156
Explanation why funds are available: Project work for FY 2021 was deferred.				

Transfer To:				
Account Number:	001-000-107132-163599			
Project Description:	West River Water Treatment Plant Improvements			
A) Original Budget				100,000
B) Previous Transfers (In or Out)				260,000
C) Revised Budget (A+/-B)				360,000
D) Amount to be Transferred				65,000
E) Proposed Revised Budget (C+D)				425,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.				

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Engineering & Environmental Services	B1	21-35	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107132-166002
Project Description:	West River Water Treatment Plant Backwash & Surface Wash Pump Replacement & Energy Improvements
A) Original Budget	700,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	95,000
D) Revised Budget (A+/-B-C)	605,000
E) Estimated Project Costs	575,000
F) Remaining Funds Available for Transfer, if any (D-E)	30,000
Explanation why funds are available: Project work will complete under budget.	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	370,000
C) Revised Budget (A+/-B)	470,000
D) Amount to be Transferred	95,000
E) Proposed Revised Budget (C+D)	565,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	04.09.21	Type	Log	Mo/Yr
Requesting Division:	Asset Management	B2	21-29	Apr/21
Requested By:	Orville Kelley			

Transfer From:	
Account Number:	001-000-107142-090023
Project Description:	West Avenue Tank
A) Original Budget	1,054,000
B) Total Previous Transfers (In or Out)	473,300
C) This Transfer	115,000
D) Revised Budget (A+/-B-C)	465,700
E) Estimated Project Costs	460,000
F) Remaining Funds Available for Transfer, if any (D-E)	5,700
Explanation why funds are available: Project work completed under budget	

Transfer To:	
Account Number:	001-000-107132-163599
Project Description:	West River Water Treatment Plant Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	100,000
D) Amount to be Transferred	115,000
E) Proposed Revised Budget (C+D)	215,000
Explanation why funds are needed: This amendment is to cover budget overruns related to the acceleration of the project, as well as increased design fees related to the incorporation of chemical and electrical improvements into the dissolved air flotation (DAF) project. Total anticipated project expenditures for FY 2021 are \$565,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
2) Donor Vice President/Director	<i>Edward O. Norris, III</i>	4/9/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	4/9/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	4/9/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	4/9/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	05.13.21	Type	Log	Mo/Yr
Requesting Division:	Engineering & Environmental Services	B2	21-39	May/21
Requested By:	Thomas Adamo			

Transfer From:	
Account Number:	001-000-107143-040007
Project Description:	Beach Avenue Right-of-Way Capital Water Main Replacement
A) Original Budget	205,000
B) Total Previous Transfers (In or Out)	135,000
C) This Transfer	50,000
D) Revised Budget (A+/-B-C)	20,000
E) Estimated Project Costs	0
F) Remaining Funds Available for Transfer, if any (D-E)	20,000
Explanation why funds are available: Project work was deferred in FY 2021 due to the need to obtain easements across several properties in the project area.	

Transfer To:	
Account Number:	001-000-107143-090027
Project Description:	Oakland Avenue/Bayshore Drive, Milford Capital Water Main Replacement
A) Original Budget	500,000
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	500,000
D) Amount to be Transferred	50,000
E) Proposed Revised Budget (C+D)	550,000
Explanation why funds are needed: Expenditures for this project were higher than anticipated as a result of unanticipated subsurface conditions in the project area. This amendment will fund the necessary permanent pavement restoration for the project. Total estimated project cost is \$550,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	Edward O. Norris, III	5/13/21 (at CMC)
2) Donor Vice President/Director	Edward O. Norris, III	5/13/21 (at CMC)
3) Vice President - Finance	Rochelle Kowalski	5/13/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	Beth Nesteriak	5/13/21 (at CMC)
5) Chief Executive Officer	Larry L. Bingaman	5/13/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	05.13.21	Type	Log	Mo/Yr
Requesting Division:	Engineering & Environmental Services	B2	21-36	May/21
Requested By:	Orville Kelly			

Transfer From:	
Account Number:	001-000-107181-066014
Project Description:	SAP SQL Upgrade
A) Original Budget	190,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	190,000
D) Revised Budget (A+/-B-C)	0
E) Estimated Project Costs	0
F) Remaining Funds Available for Transfer, if any (D-E)	0
Explanation why funds are available: Project start has been deferred until FY 2022	

Transfer To:	
Account Number:	001-000-107132-066014
Project Description:	North Sleeping Giant Wellfield Facility Improvements
A) Original Budget	800,000
B) Previous Transfers (In or Out)	0
C) Revised Budget (A+/-B)	800,000
D) Amount to be Transferred	190,000
E) Proposed Revised Budget (C+D)	990,000
Explanation why funds are needed: This amendment will cover increased budget costs related to the acceleration of the project work in FY 2022. Total estimated FY 2021 project expenditures are \$1,245,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	5/13/21 (at CMC)
2) Donor Vice President/Director	<i>Premjith Singh</i>	5/13/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	5/13/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	5/13/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	5/13/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	05.13.21	Type	Log	Mo/Yr
Requesting Division:	Engineering & Environmental Services	B2	21-37	May/21
Requested By:	Orville Kelly			

Transfer From:	
Account Number:	001-000-107181-100032
Project Description:	Monthly Billing
A) Original Budget	900,000
B) Total Previous Transfers (In or Out)	350,000
C) This Transfer	255,000
D) Revised Budget (A+/-B-C)	295,000
E) Estimated Project Costs	0
F) Remaining Funds Available for Transfer, if any (D-E)	295,000
Explanation why funds are available: Project schedule shifted due to timing of Strategic Partner selection and contract execution. Project expenditures for FY 2021 will be under budget.	

Transfer To:	
Account Number:	001-000-107132-066014
Project Description:	North Sleeping Giant Wellfield Facility Improvements
A) Original Budget	800,000
B) Previous Transfers (In or Out)	190,000
C) Revised Budget (A+/-B)	990,000
D) Amount to be Transferred	255,000
E) Proposed Revised Budget (C+D)	1,245,000
Explanation why funds are needed: This amendment will cover increased budget costs related to the acceleration of the project work in FY 2022. Total estimated FY 2021 project expenditures are \$1,245,000.	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	5/13/21 (at CMC)
2) Donor Vice President/Director	<i>Premjith Singh</i>	5/13/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	5/13/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	5/13/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	5/13/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

CAPITAL BUDGET AMENDMENT REQUEST

Request Date:	05.13.21	Type	Log	Mo/Yr
Requesting Division:	Engineering & Environmental Services	B2	21-38	May/21
Requested By:	Orville Kelly			

Transfer From:	
Account Number:	001-000-107181-104202
Project Description:	System Wide RTU Upgrades
A) Original Budget	1,000,000
B) Total Previous Transfers (In or Out)	0
C) This Transfer	205,000
D) Revised Budget (A+/-B-C)	795,000
E) Estimated Project Costs	795,000
F) Remaining Funds Available for Transfer, if any (D-E)	0
<p>Explanation why funds are available:</p> <p>Project schedule was affected as a result of the pandemic. As a result, project work for FY 2021 will complete under budget.</p>	


Transfer To:	
Account Number:	001-000-107132-116110
Project Description:	Lake Gaillard Water Treatment Plant Chemical Feed System Improvements
A) Original Budget	100,000
B) Previous Transfers (In or Out)	280,000
C) Revised Budget (A+/-B)	380,000
D) Amount to be Transferred	205,000
E) Proposed Revised Budget (C+D)	585,000
<p>Explanation why funds are needed:</p> <p>This amendment will cover increased budget costs related to the acceleration of the project work in FY 2022. Total estimated FY 2021 project expenditures are \$585,000.</p>	

Approvals As Required By Type	Signature	Date
1) Requesting Vice President/Director	<i>Edward O. Norris, III</i>	5/13/21 (at CMC)
2) Donor Vice President/Director	<i>Beth Nesteriak</i>	5/13/21 (at CMC)
3) Vice President - Finance	<i>Rochelle Kowalski</i>	5/13/21 (at CMC)
4) Executive Vice President & Chief Operating Officer	<i>Beth Nesteriak</i>	5/13/21 (at CMC)
5) Chief Executive Officer	<i>Larry L. Bingaman</i>	5/13/21 (at CMC)
6) Authority Members	Copy of minutes attached if required	

South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020
<http://www.rwater.com>

To: David J. Borowy
Kevin J. Curseaden
Anthony DiSalvo
Catherine E LaMarr
Suzanne C. Sack

From:  Rochelle Kowalski
Vice President Financial Reporting & Analysis

Date: May 14, 2021

Subject: Exemption from Public Bidding

Attached are requests for the approval of exemptions from the public bidding requirement of Section 16 of Special Act No. 77-98 as amended.

- Programmable Logic Controllers
- John Deere Equipment
- Variable Frequency Drives
- Pick Up of Patch, Sand, Gravel, Stone and Topsoil
- Polymers
- Fire Hydrants
- GHP Media Inc.
- Cla-Val Hydraulic Control Valves
- Associated Electro-Mechanics (AEM)
- Val Matic Air and Water Valves
- Johnson Controls HVAC Software and Hardware

Attachments

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

PROGRAMMABLE LOGIC CONTROLLERS

AS REQUESTED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 the purchase of programmable logic controllers (PLC) for FY 2022.

REASON FOR REQUEST

PLC equipment from different manufacturers is not interchangeable and requires different programming software and interfaces in order to communicate with each other. To improve efficiency, limit training and spare parts inventory the Authority has standardized on PLC's manufactured by the Allen-Bradley Company. As a result of our commitment to this vendor and our local distributor, Hartford Electric Supply Company (HESCO) we have received pricing that is very competitive with other manufacturers of programmable logic controllers along with unlimited technical support. HESCO is the only authorized Allen-Bradley supplier in Connecticut.

SUMMARY

The result of this exemption would benefit the Authority by reduced capital and operating costs thorough the continued standardization of PLC equipment.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

JOHN DEERE EQUIPMENT

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 a continued request in effect since 2005 for an exemption from competitive bidding for the purchase of John Deere equipment for FY 2022

HISTORY OF EQUIPMENT PURCHASES

Since formation of the South Central Connecticut Regional Water Authority the SCCRWA purchased its construction and lake equipment through the public bidding process. During that time, the primary equipment bidders were John Deere, Volvo and JCB.

REASON FOR REQUEST

In recent years it has become increasingly difficult to obtain multiple bids for equipment. This is because many construction equipment businesses have either downsized or moved their operations out of state. The two manufacturers used in recent years are John Deere and Volvo/JCB. Tyler Equipment (Volvo/JCB) has restructured its organization and as a result has moved its repair facility out of state. Other equipment manufacturers have not been competitive and for a number of years their vendors have not bid on SCCRWA equipment.

Due to the fact that Clark has consistently been the low bidder and with the move out of state of Tyler Equipment, 95% of SCCRWA equipment is presently John Deere. As a result, it seems logical and cost effective to standardize on one manufacturer. All John Deere equipment can be purchased under the State bid and this would be the procurement method in FY 2022 if this exemption is approved. John Deere supplies training for SCCRWA mechanics and due to the mechanics' familiarity with the equipment there are both reduced labor costs and a proven history of low downtime of equipment for repairs.

Finally, John Deere equipment stands out in terms of its safety features. All John Deere equipment is set up ergonomically, and all of their machines operate with the same style equipment operators control/joy sticks. Due to standardization on one type of equipment, moreover, employees have the benefit of the continued experience of operating the same types of equipment, controls, buckets, and attachments. This familiarity helps to create a safer working environment.

SUMMARY

A bid exemption for John Deere equipment would enable the SCCRWA to continue the trend of standardizing on John Deere equipment for the reasons noted above.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

VARIABLE FREQUENCY DRIVES

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 request is for an exemption from competitive bidding for the purchase of variable frequency drives (VFD) for the fiscal year 2022.

REASON FOR REQUEST

The Authority has been upgrading pumping facilities, utilizing variable frequency drives with check valves instead of traditional starters and electric control valves. This modernization minimizes the risk of damaging hydraulic surges during the starting and stopping of pumps. Variable frequency drives also reduce electrical and mechanical stresses placed on equipment, reduce maintenance requirements and provide improved pumping output control. Variable frequency drives, as manufactured by Allen-Bradley, a world wide leader in the manufacture of VFD's, have been used exclusively over the previous fifteen years pumping control upgrades. The Allen-Bradley VFD's, regardless of their size, utilize the same operating devices which are programmed in similar fashion. This uniformity reduces training requirements, making troubleshooting problems standard. The cost of this variable frequency drive is competitive to that of other manufactures. Our local distributor, Hartford Electric Supply Company (HESCO) is the only Allen-Bradley supplier in Connecticut and has provided favorable pricing over the years. Additionally their technical support has been excellent.

SUMMARY

The results of this exemption would benefit the Authority by reduced capital and operating costs through the standardization of equipment.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

PICK UP OF PATCH, GRAVEL AND STONE

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 request is for an exemption from competitive bidding for the purchase of hot and cold patch, gravel, stone and processed aggregate necessary for maintenance and construction of the Authority's distribution system and sources of supply for Fiscal Year 2022.

REASON FOR REQUEST

In the course of its daily business, the SCCRWA performs excavation work in a variety of locations within the twenty towns comprising the Regional Water District. This work consists of repairing, maintaining, installing and reconstructing water mains, water services, fire hydrants and other distribution appurtenances as well as other excavation work at our sources of supply. The nature of the work requires use of a variety of materials to backfill excavations and restore suitable surfaces.

Prices of a variety of vendors for these materials have been compared to insure that the Authority is paying a fair price. Our 2021 price comparison is included below. Although there is a difference in price between materials from different vendor sites, it has remained fairly constant over the years and is dependent upon how far the material is transported to the vendors stockpile site. The major suppliers of the aforementioned material are located throughout the District. Processed aggregate is a product resulting from the recycling of pavement and excavation spoils and is presently available from nine vendors within the district. The Authority uses processed aggregate whenever possible on projects requiring the backfilling of an excavation.

At a rate of approximately \$129.61 an hour for the Authority's dump truck and driver, it would not be practical or cost effective to limit the Authority to one vendor.

Purchases of these materials for FY 2021 to-date amount to approximately \$191,583.00

SUMMARY

The result of this exemption would benefit the Authority, its customers and its contributory developers and contractors by reduced capital, operating and reimbursable costs through reducing the time and expense required to pick up these materials from a single vendor.

<u>VENDOR</u>	<u>COLD PATCH</u>	<u>HOT PATCH</u>	<u>3/4" PROCESSED AGGREGATE</u>	<u>3/4" PROCESSED</u>	<u>3/4" STONE</u>	<u>1 1/4" STONE</u>
Tilcon Tomasso - No. Branford	\$111.00	\$87.00	N/A	\$13.30	\$22.50	\$21.60
Tilcon Tomasso - North Haven	\$125.00	\$86.26	N/A	\$13.05	\$22.50	\$21.60
Beard - Milford ¹ Out OF Busines:	N/A	N/A	NA	NA	NA	NA
Valley Sand & Gravel - North Haven	\$155.00	N/A	\$5.00	\$17.45	\$23.35	\$22.35
Davis Co - Milford	N/A	N/A	\$9.00	\$18.44	\$22.75	\$23.00
Elm City Materials - West Haven	\$152.50	N/A	\$7.22	\$19.11	\$24.00	\$18.45
JJ Brennan - Shelton ¹	\$150.00	\$153.50	\$9.45	\$16.80	\$19.95	\$14.18
Laydon Industries - New Haven	\$105.00	\$79.61	\$7.25	\$14.01	\$21.55	\$20.55

27-Apr-21

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

POLYMERS

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO.77-98 AS AMENDED

MAY 2021

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

Management requests an exemption from competitive bidding for the purchase of polymers (polyelectrolytes) for the West River Water Treatment Plant (WTP), Lake Gaillard WTP, Lake Saltonstall WTP and Lake Whitney WTP for the fiscal year 2022.

REASON FOR REQUEST

The four WTPs utilize polymer in the water treatment process as either a coagulant aid, filter aid or floc settling aid. The polymers improve turbidity and organics removal, while reducing the production of alum residuals. In addition, polymers are also applied to our WTP residuals in order to thicken the solids. Numerous polymers are available for water treatment, however, due to the many variations in chemical composition and proprietary blends, only specific polymers react as desired in a given water supply. Only through extensive laboratory, pilot scale and full-scale in-plant testing can the effectiveness of the specific polymers be evaluated. The latest full scale pilot study RWA performed cost in excess of \$180,000.00.

Treatment Staff continue ongoing evaluations of polymers which have lead to several changes in the manufacturer's used at our various WTPs. These changes have provided improvements in the quality of water produced while controlling chemical cost.

Future evaluations are anticipated as different polymer blends become available. Since Polymers are proprietary, competitive bidding on an exact product equivalent comparison is not possible. In addition, providing the highest water quality can require a product that has a higher price/lb. The bid exemption will give RWA the flexibility to test and pilot new products as they become available and change products seasonally if needed to maintain adequate water quality while controlling cost.

Projected Polymer Costs for FY2022:

All Treatment Facilities

\$444,000.00

SUMMARY

Management recommends that purchases of polymers be negotiated directly with the suppliers of products that have been proven effective based upon pilot tests or full-scale in-plant use tests for our specific applications.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

FIRE HYDRANTS

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 request is for an exemption from competitive bidding for the purchase of fire hydrants for the FY 2022. We currently have an agreement with Ferguson Water Works for fiscal year 2021. The purpose for this request is to continue the exemption through fiscal year 2022.

REASON FOR REQUEST

The Authority maintains fire hydrants in seven municipalities. The remaining municipalities own and maintain their own fire hydrants. The Authority installs and replaces hydrants in all the communities in our service territory.

The standardization of one style fire hydrant within the Authority's service territory results in the reduction of the number of parts required in inventory as well as reducing training and maintenance costs. The cost of this hydrant is competitive to that of other manufacturers

Throughout its history, the Regional Water Authority, (previously the New Haven Water Company) standardized the purchase of fire hydrants through one manufacturer. Over the previous 70 years the Manufacturer has changed only two times, once in 1960, due to a business failure and in 1997 due to product discontinuation.

The Metropolitan 250 fire hydrant, manufactured by the U. S. Pipe & Foundry Company and is now owned by the Mueller Company, was the standard selected in 1997 and remains the hydrant of choice today. Since 2012, hydrants have been purchased through an existing materials agreement that is with the Ferguson Water Works Company.

Since 2012 we have been able to maintain the same pricing on our hydrant stock. Ferguson Water Works has agreed to hold pricing through FY22. Bidding this out would give the Distributors the opportunity to increase their price.

The value of fire hydrants purchased for fiscal year 2021 will be approximately \$250,000. In fiscal year 2022 we anticipate hydrant purchases to remain consistent.

SUMMARY

This exemption, through the continued standardization on one fire hydrant will benefit the Authority by reducing our inventory and, capital and operating costs.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

GHP Media, Inc.

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 a FY2022 request for an exemption from competitive bidding for the purchase of printing and mailing from West Haven-based GHP Media, Inc. In FY2021, Harty Integrated Solutions, which had been the printing and mailing vendor used by the Communications and Outreach Department, merged with GHP Media, Inc. After this merger, the RWA continued to receive the same pricing and high level of quality and service from GHP that we relied on from Harty.

HISTORY OF EQUIPMENT PURCHASES

For several years, printing was acquired through the public quote process. As we are printing more collateral, the amount of printing has risen to the public bid process. When seeking quotes for individual print jobs, GHP Media, Inc. has consistently come in as the lowest.

REASON FOR REQUEST

There are six chief reasons why Communications and Outreach would like an exemption to the public bid process:

1. GHP works very closely with our primary graphic designer, Paul Kazmercyk, making the process of design to print seamless. This is especially important when collateral needs to be mailed. As a printer and mailing house, GHP helps our designer create pieces that keep the cost of mailing as low as possible for both corporate and PipeSafe work.
2. GHP knows our strict requirements for sourcing sustainable paper for the many different projects we print, and can order in bulk, thus saving money, rather than having to purchase paper for each

project as it comes up.

3. When we put out projects for quotes, GHP consistently comes in with the lowest cost except when a new company takes a loss to get our business. That usually results in an inferior product and a lot more work for us as we have to work through a learning curve and other issues.
4. GHP is able to meet strict deadlines that are sometimes unavoidably tight. Their turnaround on projects is very fast, and the quality does not suffer when we need to get something out in a relatively short period of time.
5. During the COVID-19 crisis, GHP was on call for the RWA and worked with us as an essential business to ensure business continuity and the printing of our consumer billing newsletters and the distribution of regularly scheduled PipeSafe mailings.

SUMMARY

A bid exemption for GHP Media, Inc. would enable the RWA to continue to save some money by having paper for printing purchased in bulk and provide the Communications and Outreach department with the knowledge and comfort that we can maintain meeting tight deadlines in printing and mailing.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

CLA-VAL HYDRAULIC CONTROL VALVES

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 request is for an exemption from competitive bidding for the purchase of Hydraulic Control Valves for FY 2022.

REASON FOR REQUEST

The Authority has been replacing control valves in key areas for many years now, utilizing diaphragm designed valves increases durability, longevity, and accuracy. Standardizing on a single proven manufacturer such as Cla-Val allows us to reduce the inventory of replacement parts and improve the response time for repairs. The unique design of the valve allows for much smoother operation reducing pressure spikes and increasing the responsiveness of the valve. All Cla-Val basic valves are identical in design with only one moving part, the diaphragm, this advantage to a traditional hydraulic control valve that has many and some very heavy moving parts that tend to wear out more frequently hence making repairs more difficult and expensive.. Additionally their technical support is local and always has been excellent.

SUMMARY

The results of this exemption would benefit the Authority by reduced capital and operating costs through the standardization of equipment.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

Associated Electro-Mechanics (AEM)

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2021

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 request is for an exemption from competitive bidding for the purchase or repairs of pumps, motors, and appurtenances from Associated Electro-Mechanics (AEM) for FY 2022.

REASON FOR REQUEST

The Authority uses AEM for pump and motor repairs and replacement for pump stations and water treatment facilities. When these services were previously bid, AEM was the sole bidder. They are the only local (Springfield, MA) service shop is able to provide factory certification of repairs by the manufacturers; emergency services; and full-service rigging, installation, laser-aligning, master electrical troubleshooting, and recondition/repair. AEM is ISO9001 compliant and adheres to the highest safety standards including OSHA 10 & 30 Hour and UL. Additionally, their services are available 24/7 which is very important during emergency situations.

SUMMARY

The results of this exemption would benefit the Authority by increasing ability to more quickly repair critical mechanical and electrical water system infrastructure.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR

VAL MATIC Air and Water Valves

AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED

MAY 2022

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 request is for an exemption from competitive bidding for the purchase of Val Matic brand valves for the fiscal year 2022.

REASON FOR REQUEST

The Authority has been specifying and purchasing Val Matic brand valves for many years and we have these valves in all of our Treatment Plants and Pump Stations. The Val Matic Company has been in business for over fifty years and is the leading supplier of air release valves in North America. While the RWA has received many years of reliable service from these products, we do occasionally need to purchase repair parts or complete new valves. The local distributor for Val Matic is A & N Valves and Controls, in New Windsor, New York. They have provided reliable service and technical support.

SUMMARY

The results of this exemption would benefit the Authority by reduced capital and operating costs through the standardization of equipment.

REQUEST FOR EXEMPTION FROM PUBLIC BIDDING FOR
JOHNSON CONTROLS HVAC SOFTWARE AND HARDWARE
AS REQUIRED BY CONNECTICUT SPECIAL ACT NO. 77-98 AS AMENDED
MAY 2021

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 request is for an exemption from competitive bidding for the purchase of Johnson Controls HVAC Software and Hardware (Systems) for FY 2022.

REASON FOR REQUEST

The Authority has Johnson Control Systems for HVAC installed in all our buildings and Treatment Plants with the exception of the Lake Whitney Treatment Plant which is run by a Siemens system (which will be converted to Johnson Controls). Standardizing on a single proven manufacturer such as Johnson Controls allows us to reduce the inventory of replacement parts and improve the response time for repairs. Most of the existing software and equipment has been in place for many years and has reached the end of its useful life. By standardizing on Johnson Controls much of the existing hardware can be reused thus reducing costs and time, as opposed replacing every component in the buildings. Additionally their technical support is local and always has been excellent.

SUMMARY

The results of this exemption would benefit the Authority by reduced capital and operating costs through the standardization of equipment.

REGIONAL WATER AUTHORITY
REVIEW OF FINANCIAL DATA
April 30, 2021 (FY 2021)

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

Operating Revenues

FY21 revenue for water, including wholesale and fire service, is over budget by \$3,835k (approx. 3.6%) primarily due to higher than anticipated consumption. Metered water revenue is over budget by \$3,831k (approx. 4.1%)

Total net other revenue is \$641k above budget primarily due to higher other water revenue and lower other water expense.

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.	\$ (879,000)
Administrative Building is over budget primarily due to custodial services and other higher than anticipated costs.	123,000
Utilities & Fuel is over budget primarily due to electric service and communications.	204,000
Pump Power is under the budget primarily due to timing.	(100,000)
Road Repairs is under budget due to lower than anticipated costs and timing.	(95,000)
Postage is under budget primarily due to lower than anticipated costs.	(70,000)
Business Improvement is under budget. However, this under run is largely offset in other proprietary expenses.	(112,000)
Public/Customer Information is under budget due to timing and lower than anticipated expenses.	(75,000)
Outside Services are above budget primarily due to the use of external resources to help cover key vacancies and other initiatives.	55,000
Training and continued education is under budget primarily due to lower tuition reimbursement.	(76,000)
RPB Fees are under budget due to lower than anticipated consulting and meeting fees.	(64,000)
Central Lab/Water Quality is under budget primarily due to the mix between internal and outside lab services.	(78,000)
Info. Technology Licensing & Maintenance Fees are under budget primarily due to lower than anticipated costs.	(185,000)
Maintenance & Repairs are over budget due to tornado and COVID-19 expenditures, valve repairs, and other higher than anticipated costs.	303,000
All Other	(149,000)
	<u>\$ (1,198,000)</u>

Interest Income

Interest Income is under budget due to lower investment earnings and interest in arrears.

PROJECTED MAINTENANCE TEST

The projected coverage is 1.21 without a shortfall. The budgeted shortfall is \$12.045 million.

REGIONAL WATER AUTHORITY
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE MONTHS ENDING APRIL 30, 2021

Page 2

	FY 2020 Actual	FY 2021 Budget	FY 2021 Actual	(Under)Over Budget
Operating revenues				
Metered water revenues	\$ 95,017	\$ 94,545	\$ 98,376	\$ 3,831
Fire service	11,051	11,068	11,141	72
Wholesale	800	776	708	(68)
Other revenue - water	2,967	2,592	3,064	472
Other revenue - proprietary	9,333	8,505	8,929	424
Total operating revenues	119,169	117,486	122,217	4,731
Operating expenses				
Operating and maintenance expense	49,748	51,162	49,964	(1,198)
Expense associated with other revenue - water	1,502	1,738	1,556	(181)
Expense associated with other revenue - proprietary	3,617	3,155	3,592	437
Provision for uncollectible accounts	922	899	905	6
Depreciation	23,100	23,100	23,104	4
Payment in lieu of taxes	7,700	7,985	7,827	(158)
Amortization Pension Outflows/Inflows	388	1,528	1,526	(2)
Amortization OPEB Outflows/Inflows	(331)	(500)	(500)	-
Total operating expenses	86,645	89,066	87,973	(1,093)
Operating income	32,525	28,420	34,244	5,825
Nonoperating income and (expense)				
Interest income	3,843	1,662	249	(1,413)
(Loss) Gain on disposal of assets	124		(303)	(303)
Realized and unrealized (losses) gains on investments	-		-	-
Interest expense	(22,245)	(20,516)	(20,402)	114
Amortization of bond discount, premium, issuance cost and deferred losses	3,104	2,460	2,441	(19)
Intergovernmental revenue	180		825	825
Total nonoperating income and (expense)	(14,995)	(16,394)	(17,190)	(796)
Income (expense) before contributions	17,530	\$ 12,026	17,054	\$ 5,029
Capital contributions	884		1,693	
Change in net assets	18,414		18,747	
Total net assets - beginning of fiscal year	188,331		211,589	
Total net assets - end of reporting month	\$ 206,745		\$ 230,336	

	Budget FY 2021 @114%	Projected FY 2021 @114%	(Under)Over FY 2021 @114%	(Under)Over FY 2021 Original Budget
FY 2021 MAINTENANCE TEST (Budget vs. Projected)				
Revenue Collected:				
Water sales	101,381	116,131	\$ 14,750	(1,071)
Interest Income	986	265	(721)	(1,058)
BABs Subsidy	656	656		
Other Net	6,302	6,802	500	(236)
Common Non-Core	(200)	(235)	(35)	(35)
Total	109,124	123,619	14,494	(2,400)
Less:				
Operating and maintenance expenses	(56,200)	(56,200)	-	4,851
Common Non-Core	100		(100)	(100)
Depreciation	(6,500)	(6,500)	-	
PILOT (A)	(8,700)	(8,550)	150	150
Net Avail for Debt Service (B)	\$ 37,824	\$ 52,369	\$ 14,544	\$ 4,901
Debt Service Payments (C)	\$ 43,745	43,262	\$ (483)	\$ (506)
Debt Service @ 114% (D)	\$ 49,869	49,319	\$ (551)	\$ (577)
Difference (B-D)	\$ (12,045)	\$ 3,050		
RSF, Growth and/or General Fund (D)	12,045			
Coverage (A+D/C)	114%	121%		

**REGIONAL WATER AUTHORITY
OPERATING AND MAINTENANCE EXPENSE
APRIL 30, 2021**

Pg 3

PERIOD ENDING APRIL 30, 2021

	FY 2020 Actual	FY 2021 Budget	FY 2021 Actual	(Under) Over
1 Payroll	\$ 20,193	\$ 21,152	\$ 20,273	\$ (879)
2 Employee Benefits	7,019	7,489	6,600	(889)
Pension Contributions	3,604	2,439	3,325	886
3 Administrative Building	1,017	855	978	123
4 General & Administrative	1,156	1,220	1,194	(26)
5 Transportation	560	615	619	4
6 Tools & Stores	304	280	300	20
7 Utilities & Fuel	1,159	1,152	1,356	204
8 Material From Inventory	209	217	207	(10)
9 Pump Power Purchased	2,362	2,720	2,620	(100)
10 Chemicals	1,562	1,698	1,688	(10)
11 Road Repairs	175	183	88	(95)
14 Postage	292	264	194	(70)
15 Printing & Forms	87	79	64	(16)
17 Collection Expense	549	559	524	(35)
18 Business Improvement	245	267	155	(112)
19 Public/Customer Information	242	277	202	(75)
20 Outside Services	2,140	2,135	2,190	55
21 Insurance Premiums	1,176	1,409	1,413	4
22 Worker's Compensation, pre-Churchill	231	50	14	(35)
23 Damages	37	55	67	12
24 Training & Cont. Education	167	182	106	(76)
25 Authority Fees	121	143	121	(23)
26 Consumer Counsel	22	57	24	(33)
27 RPB Fees	79	155	91	(64)
28 Organizational Dues	150	99	78	(21)
29 Donations	23	16	23	7
34 Central Lab/Water Quality	390	396	318	(78)
40 Environmental Affairs	72	85	102	17
44 Info. Technology Licensing & Maintenance Fees	1,826	2,098	1,913	(185)
45 Maintenance and Repairs	2,580	2,427	2,729	303
46 Regulatory Asset Amortization		387	386	(1)
	<u>\$ 49,747</u>	<u>\$ 51,162</u>	<u>\$ 49,964</u>	<u>\$ (1,198)</u>

South Central Regional Water Authority

Analysis of Accounts Receivable ("A/R")
(\$000 omitted)

Denotes City of New Haven Invoicing

Total Accounts Receivable Aging (in days)

	April	March	Feb	Jan	Dec	Nov	Oct	Sept	Aug	July	June	May	April
	2021	2021	2021	2021	2020	2020	2020	2020	2020	2020	2020	2020	2020
Under 30	\$ 6,227	\$ 6,251	\$ 5,782	\$ 6,802	\$ 7,363	\$ 6,472	\$ 8,208	\$ 7,633	\$ 6,229	\$ 7,433	\$ 6,146	\$ 5,547	\$ 5,921
31-60	2,185	1,433	2,112	2,527	2,041	2,444	2,710	1,892	2,125	2,295	1,444	1,651	2,527
61-90	891	990	1,666	972	1,103	1,594	913	990	1,405	838	713	1,575	953
91-180	2,016	2,112	2,195	2,118	2,127	1,969	1,975	1,918	1,777	1,775	1,992	1,787	1,640
181-360	2,331	2,443	2,353	2,286	2,109	1,934	1,921	1,893	1,821	1,646	1,543	1,312	1,440
More than 1 year	4,998	4,969	4,720	4,621	4,576	4,408	4,388	4,449	4,207	4,266	4,331	4,207	4,333
Sub Total	18,648	18,198	18,828	19,326	19,319	18,821	20,115	18,775	17,564	18,253	16,169	16,079	16,814
Interest due	1,171	1,216	1,229	1,265	1,310	1,354	1,388	1,448	1,476	1,515	1,559	1,610	1,634
Total Gross A/R plus interest	\$ 19,819	\$ 19,414	\$ 20,057	\$ 20,591	\$ 20,629	\$ 20,175	\$ 21,503	\$ 20,223	\$ 19,040	\$ 19,768	\$ 17,728	\$ 17,689	\$ 18,448

Aged Accounts Receivable Focus of Collection Efforts

	April	March	Feb	Jan	Dec	Nov	Oct	Sept	Aug	July	June	May	April
	2021	2021	2021	2021	2020	2020	2020	2020	2020	2020	2020	2020	2020
Greater than 60 days:													
A/R	\$ 11,386	\$ 11,710	\$ 12,143	\$ 11,242	\$ 11,208	\$ 11,235	\$ 10,585	\$ 10,677	\$ 10,659	\$ 10,011	\$ 10,114	\$ 10,470	\$ 9,930
Less: Multi-Tenants	(2,641)	(2,847)	(3,127)	(2,676)	(3,039)	(3,419)	(2,949)	(3,289)	(3,109)	(3,084)	(2,864)	(3,075)	(2,594)
Receiverships	(2,048)	(2,023)	(2,018)	(1,976)	(2,105)	(2,084)	(2,091)	(2,141)	(2,080)	(2,163)	(2,169)	(2,190)	(2,251)
Liens	(2,304)	(2,410)	(2,296)	(2,165)	(1,858)	(1,775)	(1,464)	(1,500)	(1,739)	(1,705)	(1,721)	(1,724)	(1,731)
Total	\$ 4,393	\$ 4,430	\$ 4,702	\$ 4,425	\$ 4,206	\$ 3,957	\$ 4,081	\$ 3,747	\$ 3,731	\$ 3,059	\$ 3,360	\$ 3,481	\$ 3,354
	39%	38%	39%	39%	38%	35%	39%	35%	35%	31%	33%	33%	34%

Collection Efforts

	April	March	Feb	Jan	Dec	Nov	Oct	Sept	Aug	July	June	May	April
	2021	2021	2021	2021	2020	2020	2020	2020	2020	2020	2020	2020	2020
Shuts *	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Red Tags **	-	-	-	-	-	-	-	-	-	-	-	-	-
Receivers	9	5	6	13	20	17	7	21	4	5	8	5	4
Top 100 Collection Calls	242	108	191	99	257	108	187						
Other ⁽¹⁾	1,222	1,104	1,093	1,425	1,290	1,163	1,319	1,544	1,192	1,338	1,282	1,159	989
Total	\$ 1,473	\$ 1,217	\$ 1,290	\$ 1,537	\$ 1,567	\$ 1,288	\$ 1,513	\$ 1,565	\$ 1,196	\$ 1,343	\$ 1,290	\$ 1,164	\$ 993
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-

* Number of shuts

** Number of Red tags

⁽¹⁾ Includes: Notices and letters and legal initiatives.

March 2021 multi AR over 60 days reflects an adjustment from the March report

RPB COMMITTEE MEETINGS

Month	Meeting	Will Attend
April 2021	<i>Finance Committee</i> Monday, Apr 12 at 5:00 p.m.	Suzanne
	<i>Land Use Committee</i> Wednesday, Apr 14 at 5:30 p.m.	Kevin
	<i>Consumer Affairs Committee/LUC</i> <i>(Special Joint Meeting to rev. FY 22 Budget)</i> Monday, Apr 19 at 5:30 p.m.	David
	<i>Finance Committee (Special Meeting to rev. FY 22 Budget)</i> Tuesday, Apr 20 at 5:00 p.m.	David
May 2021	<i>Finance Committee</i> Monday, May 10 at 5:00 p.m.	Tony
	<i>Land Use Committee</i> Wednesday, May 12 at 4:30 p.m.	Kevin
	<i>Consumer Affairs Committee</i> Monday, May 17 at 5:30 p.m.	Suzanne
June 2021	<i>Finance Committee</i> Monday, June 14 at 5:00 p.m.	Suzanne
	<i>Land Use Committee</i> Wednesday, June 9 at 5:30 p.m.	Kevin?
	<i>Consumer Affairs Committee</i> Monday, June 21 at 5:30 p.m.	Tony

South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020

<http://www.rwater.com>

DATE: May 13, 2021

TO: David Borowy, Chair
Kevin J. Curseaden
Anthony DiSalvo
Catherine LaMarr
Suzanne C. Sack

FROM: Beth Nesteriak

SUBJECT: Land Use Plan Amendment – Creation of new trails on Authority property in
Bethany at Lake Chamberlain for Anglers

Enclosed for your review is an application to the Representative Policy Board (RPB) for the approval of a non-substantial amendment to the Land Use Plan. Also enclosed are a resolution for adoption by the Authority and a letter to the RPB from the Authority for the application.

We are proposing to add eight short trails at Lake Chamberlain to increase and formalize anglers' access to the water. The proposed trails total 0.37 miles and are entirely on Class I land due to their nature and the objective. A Change-in-Use permit for the trails has been approved from the Department of Public Health.

The amendment is proposed as non-substantial (not requiring a public hearing by the RPB) for the following reasons: (1) There are no expected impacts to the public water supply; (2) there are no conflicts with the trail and the existing Land Use Plan designations; (3) there will be no financial impact on the Authority.

John Triana and I are available to discuss this application with you at your May 20, 2021 meeting. If you have any questions prior to your meeting, please contact John Triana or me.

CC: Larry Bingaman
Ted Norris
John Triana

South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020

<http://www.rwater.com>

**RESOLUTION FOR ADOPTION
BY REGIONAL WATER AUTHORITY**

Authority Meeting May 20, 2021

Resolved, That the Authority hereby accepts the Application to the Representative Policy Board (RPB) for the non-substantial Land Use Plan Amendment to create new trails for anglers on Authority property in Bethany at Lake Chamberlain (Land Unit BE 1), as a completed Application, substantially in the form submitted to this meeting, and authorizes filing said Application with the Representative Policy Board for approval.

South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020

<http://www.rwater.com>

Date: May 20, 2021

To: Members of the Representative Policy Board
South Central Connecticut Regional Water Authority

Subject: Land Use Plan Amendment – Creation of new trails on Authority property in
Bethany at Lake Chamberlain for Anglers

Ladies and Gentlemen:

The South Central Connecticut Regional Water Authority requests that the Representative Policy Board ("RPB") accept the following enclosed document as complete:

Application for non-substantial amendment to the Land Use Plan to create
new trails on Authority property at Lake Chamberlain in Bethany

Based on our conclusion that the proposed Land Use Plan amendment is in support of the goals of the South Central Connecticut Regional Water Authority and is in the public interest, we are further requesting that the RPB approve this action.

Any questions regarding this Application may be directed to Beth Nesteriak, Executive Vice President and Chief Operating Officer or John Triana, Real Estate Manager.

Sincerely,

South Central Connecticut Regional Water Authority

David Borowy, Chair
Kevin J. Curseaden
Anthony DiSalvo
Catherine LaMarr
Suzanne C. Sack

Enclosures

Request for Approval of Land Use Plan Amendment

Portion of BE 1 Lake Chamberlain, Bethany

Application to the Representative Policy Board (RPB) From the Regional Water Authority

May 2021

Application for an Amendment to Land Use Plan

The Regional Water Authority (Authority) requests that the Representative Policy Board approve the Land Use Plan amendment described in this application, in accordance with the provisions of Connecticut State Act No. 77-98, as amended. This application and its annexed materials meet the requirements set forth in Connecticut State Act No. 77-98, as amended, and the Rules of Practice of the RPB.

I. Proposed Amendment

A. Type of Amendment

Creation of eight new trails at the Lake Chamberlain recreation area to allow additional access to the lake for anglers. The trails will only be for the passive recreational use of anglers and hikers. Approximately 0.37 miles total of trail will be created. Most of the trails are on Class I land as would be the case in order to provide access to the water for anglers. Many of the proposed trails are being used informally now. Part of the purpose of this Land Use Plan amendment is to formalize these trails and limit where anglers access outside of the recreation program. Because there will be no impact to the public water supply, this amendment is being submitted as a non-substantial amendment.

B. Location

Town in which property is located: Bethany
Land Unit Number: BE 1
Land Use Plan System: West River System
(See Attachment A)

C. Objectives of Amendment

- 1) Create trails on Authority property on BE 1 to allow anglers greater access to Lake Chamberlain.
- 2) Limit the places where anglers now access the lake outside of the recreation program.
- 3) Add value to the recreation program to solicit new permit holders and increase the likelihood that existing permit holders renew their permits.

D. Watershed Classification of Affected Areas

Class I (acres): 0.37 acres
Class II (acres): 0.00 acres
Class III (acres): 0.00 acres

The entirety of the proposed trails is on Class I land.

E. Land Use Plan Classification

Land within the affected area falls under the Forest or Recreation designation. The entire edge of the lake is designated as Recreation. However, trails are not specifically designated in these areas.

F. Description of Proposed Amendment

The proposed amendment is to create eight trails across the Authority's property as noted above. Currently, the trails around the lake do not come close to the water over much of their lengths, though anglers have made unauthorized trails in several locations to get to the water at some locations. We are proposing to formalize these trails so that we can control where anglers get close to the water. See 'Attachment A' for a map showing the proposed trail.

II. Existing Environment

A. Watershed function

The area with the proposed trails are on Class I land. All of this drains into Lake Chamberlain, which is a storage reservoir in the West River System.

B. Physical/Biological

The subject area is covered by a forest of mixed hardwoods and conifers between the lake road and the waterbody. While some brush, trees, and limbs will be removed to facilitate casting by anglers, no root systems will be disturbed. The area's physical and biological resources are further explored in the Preliminary Assessment prepared by Evans Associates Environmental Consulting, Inc. See Attachment B - "Preliminary Assessment – Lake Chamberlain Fishing Spur Trail Improvements".

C. Present land use

The Land Use Plan designates the subject areas as Forest and Recreation. All of the Authority's property in this vicinity is forested.

D. Social/Political environment (including surrounding land use)

The land uses surrounding the Authority's affected parcel are residential and protected open space. The closest private property from any of the trails is 250 feet away. The closest house to any of the trails is over 500 feet away. The Bethany Land Trust holds easements over the properties to the north of Lake Chamberlain.

E. Cost of maintaining the land in its present use

The land unit in question has a total annual cost to the RWA of approximately \$164,752. Security and maintenance of the property accounts for approximately \$18,250 of the annual costs and, and PILOT accounts for \$146,502 which includes the Lake Chamberlain dam.

III. Environmental Impact Statement

A. Summary of potential impact

As noted in the Preliminary Assessment (Attachment B), the potential impact to the environment is expected to be negligible and therefore this amendment is being submitted as a non-substantial amendment. The areas with the proposed trails are forested and will not be affected by the proposed trail. Proper placement and construction of the trails by the Authority will avoid any negative impacts.

B. Impact on public water supply

The addition of the trails will not affect the public water supply. Several trails are already on the property and encircle Lake Chamberlain. We have not seen any impact to the public water supply due to their existence.

C. Financial impact on the RWA

There will be no financial impact to the Authority due to the proposed amendment. The security, maintenance, and PILOT costs will remain the same as before the trail creation. The Authority has spent funds to prepare this Land Use Plan Amendment. Construction costs of the trails is also minimal. These costs are expected to be equal to the added revenue from new and renewing recreation permit holders.

IV. Land Use Controls

A. Conformity with Authority land use policies

The Land Use Plan states that the subject area is Forest and Recreation. There is no conflict in having a trail go through these areas.

B. Conformity with other applicable plans

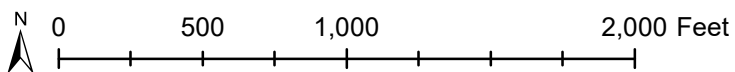
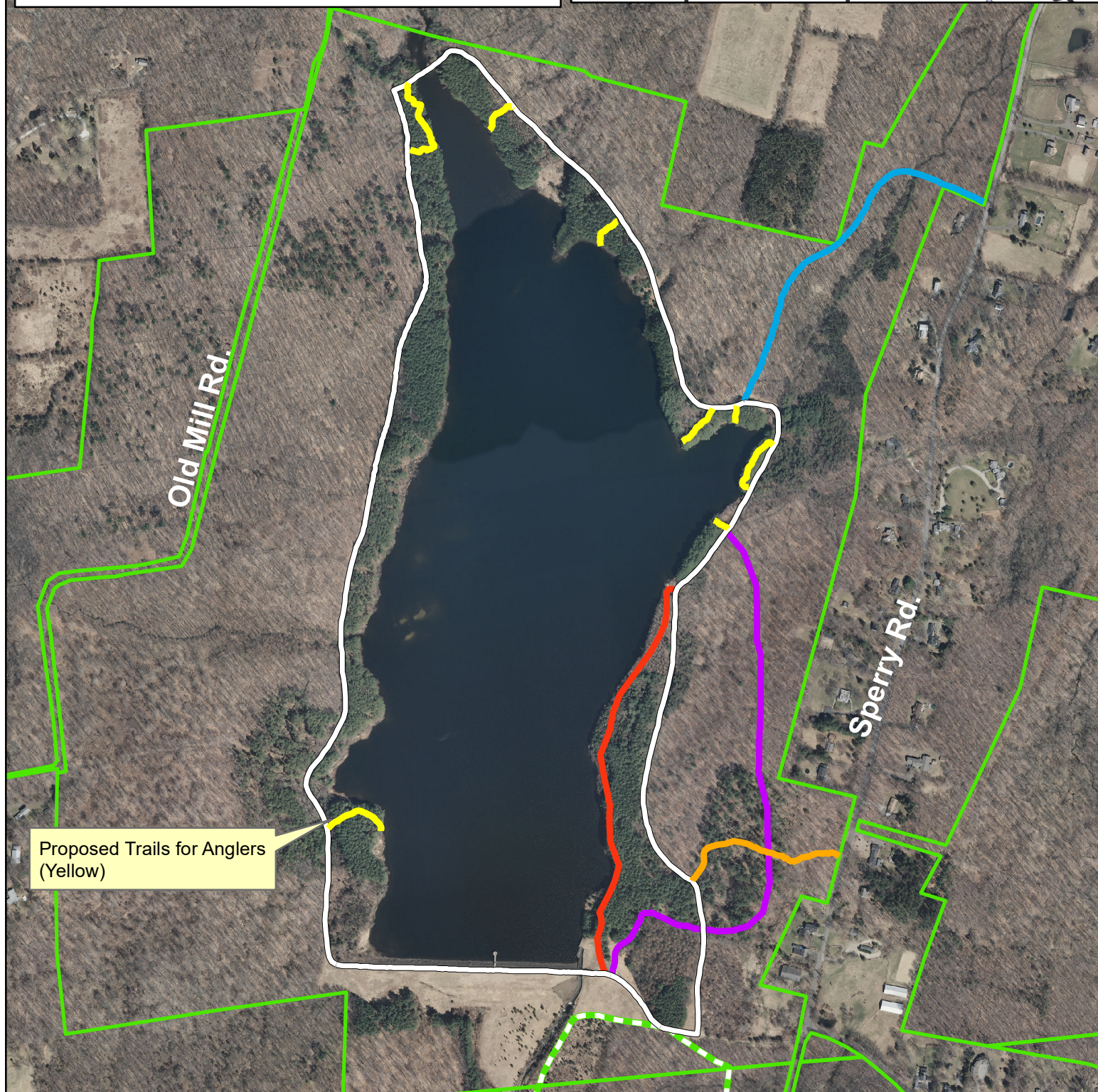
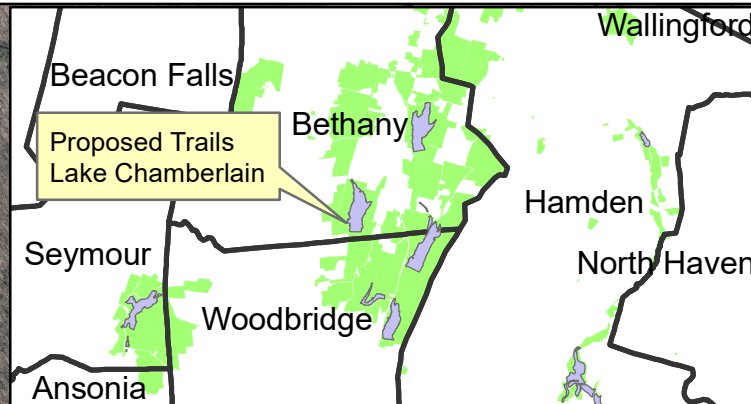
As noted in the Preliminary Assessment - Section H, the proposed trail conforms to the Conservation and Development Policies Plan for Connecticut, 2013-2018, the South Central Region: Plan of Conservation and Development 2018-2028, and the Bethany 2010 Plan of Conservation and Development.

V. Authority's Final Evaluation and Recommendation

The Authority requests that this application, to establish eight new trails at Lake Chamberlain for anglers, be approved by the Representative Policy Board for the following reasons:

The creation of the trails on Authority property will not have an adverse impact on the water supply. Best management practices will be employed to further prevent any potential impact during the trails' construction. Additionally, the proposal should have no financial impact on the Authority. Finally, the new trails will enhance recreation permit holder's experiences and enjoyment at Lake Chamberlain.

**Regional Water Authority
Land Use Plan Amendment -
Attachment A
Creation of Trails for Angler Access
Lake Chamberlain
Bethany
May 2021**



PRELIMINARY ASSESSMENT

Bethany - Lake Chamberlain Fishing Spur Trail Improvements

Location: Regional Water Authority Lake Chamberlain property located in Bethany. The spur trail improvements would occur in 8 areas, adjacent to the lake shore, extending from existing marked and maintained recreational trails.

Proposed Action: The RWA Lake Chamberlain property contains several marked and maintained recreational trails that are open to RWA recreation permit holders. Some additional 'unofficial' spur trails have been created over time by people accessing the lake to fish. Fishing is allowed on this site (with proper permits). The RWA would like to make some of the 'unofficial' fishing spur trails permanent (marked and maintained) for lake access as well as to deter visitors from travelling through other, more sensitive areas near the shore in an attempt to reach the lake.

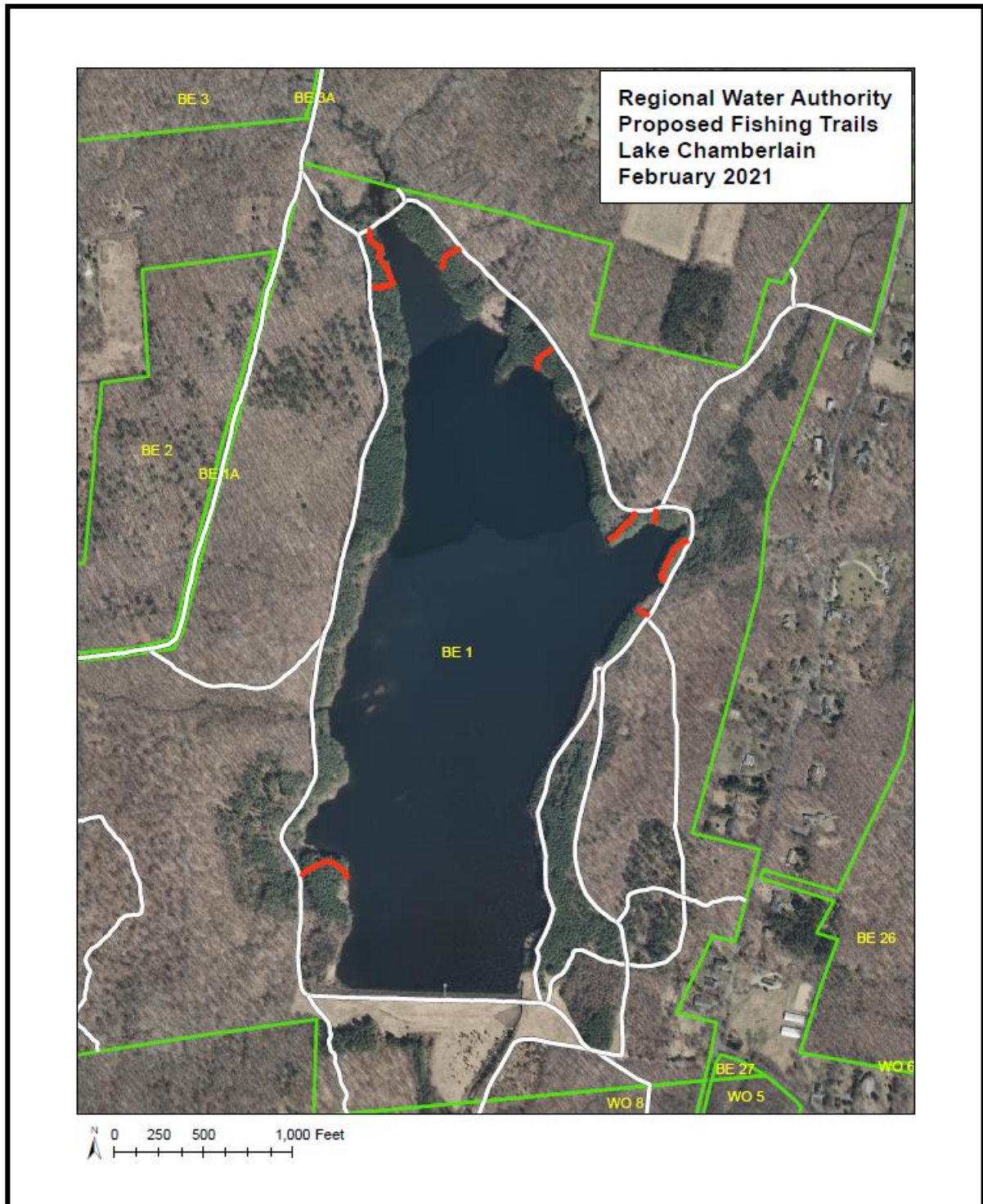
Some selective vegetation removal will occur, including cutting/removal of trees and shrubs (standing and/or fallen), when necessary, in the immediate vicinity of the spur trails. Cutting and/or trimming some live trees is proposed for safety reasons (safe passage/access to the lake) and to help anglers cast without getting lines caught in branches. Trees will be judiciously selected for removal, as it is understood that vegetation is a key component in water quality maintenance. Tree and vegetation removal will occur by hand (hand tools) or with chainsaws or brush saws. No heavy machinery will be used.

Eight spur trails are proposed to be made permanent, each beginning at an existing trail and ending at the lake, or forming a loop that begins and ends on an existing trail. The GPS locations of the proposed 8 spur trails (subject to minor changes) are shown in red on the aerial photo provided (next page). Existing trails are shown in white. Below: example of an unofficial trail to the lake edge.

Study Prepared By: Evans Associates Environmental Consulting, Inc.

Date: February 3, 2021





Approximate locations of unofficial fishing-access spur trails proposed for improvements (in red). The existing marked and maintained trails, where spurs would begin and/or end, are shown in white.

Preliminary Assessment – Bethany - Lake Chamberlain
Fishing Spur Trail Improvements Page 2

Introduction

This Preliminary Assessment form provides for consideration of potential impacts on specific aspects of the environment, subdivided into eight general areas:

- A. Geology, Topography, Soils
- B. Hydrology and Water Quality
- C. Air Quality, Climate, Noise
- D. Biotic Communities
- E. Land Use
- F. Natural Resources and Other Economic Considerations
- G. Public Safety and Health
- H. Community Factors

All phases of the proposed action are considered - planning, construction, and operation - as well as possible secondary or indirect effects. The proposed impacts for this project, although occurring within a large area, would be linear, and therefore minimal.

For each “yes” response, the indicated specific information is provided in the space for notes. Elaborations of negative responses may also be provided if appropriate (e.g., to indicate positive impacts on a given environmental factor); “no” answers for which explanatory notes are provided are indicated by an asterisk. Sources of information, including individuals consulted, are also listed in each section.

A. <u>Geology, Topography, Soils</u>	Yes	No
---------------------------------------------	------------	-----------

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| <p>1. Is the site subject to geologic hazards (e.g., seismic, landslide)?
 If yes, specify type of hazard, extent, relative level of risk, whether or not the proposed action is vulnerable to damage from such hazard, and any measures included in the proposed action to avoid or minimize the risk of damage.</p> | | X |
| <p>2. Will the proposed action create a geologic hazard or increase the intensity of such a hazard?
 If yes, specify the type of hazard, the extent to which it will be increased by the proposed action, and whether or not the proposed action can be modified to reduce the hazard.</p> | | X |
| <p>3. Does the site include any geological features of outstanding scientific or scenic interest?
 If yes, describe the features and their relative importance, the extent to which they will be impacted by the proposed action, and any measures included in the proposed action to avoid or minimize damage to important geologic features.</p> | | X |
| <p>4. Is the site subject to soil hazards (e.g., slump, erosion, subsidence, stream siltation)?
 If yes, specify hazards, their extent, the relative level of risk to the proposed action, and any measures included in the proposed action to avoid or minimize damage from soil hazards.</p> | X | |
| <p>5. Does the site have any topographic or soil conditions that limit the types of uses for which it is suitable (e.g., steep slopes, shallow-to-bedrock soils, poorly drained soils)?
 If yes, specify the conditions, the of limitations on use, the extent to which the proposed action requires the use of such areas, and any measures included in the proposed action to minimize adverse impacts of these uses.</p> | X | |
| <p>6. Does the site include any soil types designated as prime farmland?
 If yes, indicate the area of prime farmland soils and whether the proposed action requires any irreversible commitment of these soils to non-farm uses.</p> | X | |

Notes (including sources of information):

A. Geology, Topography, Soils

A.4. Erosion susceptibility is predicted in Connecticut for terrace escarpment type erosion. This prediction applies to areas of steep slopes, often alongside watercourses or drainageways, that have specific, easily disturbed soils. There are four levels of erosion classification, from most susceptible to least, as follows: Most Susceptible, Highly Susceptible, Surficial Materials Susceptible, and Soils Susceptible. See Attachments for Connecticut Environmental Conditions Online (CTECO) map of Erosion Susceptibility.

Portions of the site contain areas of ‘Soils Susceptible’ to erosion, the lowest class of erosion susceptibility. However, none of the proposed spur trails fall within these areas. In addition, the unofficial spur trails that are proposed for improvement have already been created and most are gently sloping or level, and are in areas dominated by pine trees (which provide a layer of needles on the ground). No areas of erosion were observed along any of the proposed spur trails. The final layout would take into consideration any steep sections, which only occur in a few areas, and for very short distances (mainly while descending down the side slopes from the existing trails). The spur trails will be narrow with minimal vegetation removal, and therefore large, open areas of soil would not be exposed. In addition, the spur trails would be completed in such a way that new areas of erosion and sedimentation, due to soil displacement by people or by concentrated rainfall runoff, are not created. For example, areas of the proposed spur trails that traverse a descent toward the lake could be guided through the woods in such a way that avoids steeply sloped areas. Part of the reason for improving the unofficial spur trails is to encourage users to follow a marked and maintained path, rather than create a path which may be a steep, direct line to the lake. A goal of the spur trail placement is to avoid steep, erodible areas, wetlands, and other sensitive areas, if present nearby.

A.5. Potential limitations to spur trail improvements and use include:

Steep slopes: In most areas, the spur trails are mainly level to gently sloping. A few short areas, however, would pass through steeper areas. As discussed above (Note A.4.), impacts to any remaining steep slopes, mainly erosion and sedimentation, can be avoided with proper spur trail positioning.

Shallow-to-bedrock soils: A few of the soil types on site contain, or may contain, shallow to bedrock soils or rock outcrops, however most soils on site have depth to bedrock of more than 20” (most are more than 200”). A spur trail would not pass directly over any steep, shallow to bedrock, or rock outcrop areas, and no impact would be expected from future passive-recreational use.



Example of short length of spur trail that traverses an incline from the existing trail. This area may need to be avoided (re-routed) or strengthened (with trail enhancements such as steps) to protect it.



An area of rock outcrop located near the northeastern lake shore. The spur trail is proposed in the level area (rear of photo), not along the ridge.

Poorly drained soils: The proposed spur trail improvements avoid all areas of poorly drained soils (wetland soils). See Attachments for CTECO map of Inland Wetland Soils. Spur trail improvements are proposed in order to keep visitors from traversing sensitive areas, including wetlands.

A.6. Some of the proposed spur trails would pass through areas mapped as Prime Farmland Soils. See Attachments for CTECO map of Farmland Soils. These areas are currently wooded and not used for farming, and likely would never be used as such. In addition, passive recreation would not negatively impact farmland soils.

References:

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at <http://websoilsurvey.nrcs.usda.gov/>, Accessed 01/11/2021.

<https://cteco.uconn.edu/viewer/index.html?viewer=advanced> (Erosion Susceptibility, Inland Wetland Soils, and Farmland Soils maps). Accessed 01/14/2021.

B. Hydrology and Water Quality**Yes No**

1. Is the site located on a present or projected public or private water-supply watershed or aquifer recharge area?

X

If yes, specify the location, type, and volume of the water supply, the extent to which the proposed action involves construction or other use of the watershed or recharge area, and any measures included in the proposed action to minimize adverse effects on water supplies.

2. Does the proposed action create a diversion of water from one drainage basin to another or significantly increase or decrease the flow of an existing diversion?

X

If yes, specify the location, watershed area, and flow rates of the diversion, whether it involves a transfer of water between sub-regional drainage basins, the extent to which it will affect any required downstream flow releases and actual downstream flows, and the type and extent of expected impacts on the downstream corridor.

3. Does the site include any officially designated wetlands, areas of soils classified as poorly drained or somewhat poorly drained, or other known wetlands?

X

If yes, specify the extent and type of wetlands on the site and indicate whether the proposed action involves any construction, filling, or other restricted use of wetlands.

4. Will the proposed action seriously interfere with the present rate of soil and subsurface percolation?

X

If yes, specify the nature of the interference (compaction, paving, removal of vegetation, etc.), the extent to which the percolation rate will be hampered, and whether the project can be redesigned to minimize the interference.

5. Is the site located in a floodprone area?

X*

If yes, specify the frequency and severity of flooding, the area of the site subject to inundation, and the relative level of risk; indicate whether the proposed action will be subject to damage from flooding, the anticipated amount and type of damage, and any preventive measures included in the proposed action to minimize flooding damage.

6. Will the proposed action increase the effects of flooding, either on-site or downstream?

X

If yes, specify the anticipated amount and location of increased flooding, the estimated damage from this increase, and any measures included in the proposed action to minimize the risk of flooding.

7. Will the proposed action generate pollutants (pesticides, fertilizers, toxic wastes, surface water runoff, animal or human wastes, etc.)? If yes, specify the type and source of pollutant, amount of discharge by volume, and parts per million, and the relative level of risk to biotic and human communities.

X*

Notes (including sources of information):

B. Hydrology and Water Quality

B.1. The proposed spur trails would be located completely within Class I land within a public water supply watershed, as they are immediately adjacent to the lake. Lake Chamberlain is an upstream storage reservoir on the Sargent River. Recreational activities are limited by the conditions of permits issued pursuant to the regulations of the Department of Public Health (DPH). Approvals by the DPH assure appropriate uses of recreational watershed activities to avoid impacts to the water supply. Currently, permitted uses of the Lake Chamberlain property (for RWA recreation permit holders) include walking/hiking, cross-country skiing, jogging, lake fishing (with a Connecticut fishing license), and horseback riding.¹ The spur trail improvements will need approval by the DPH, as well as by the Representative Policy Board (the board that approved the Land Use Plan adopted by the RWA for making land-use decisions on their properties).

B.3. As noted in response A.5. (above), the proposed spur trails would avoid poorly drained and very poorly drained wetland soils.

B.5. The spur trails are located immediately adjacent to Lake Chamberlain, which is a storage reservoir. The water level in the lake is regulated by the dam and flow structures, so flooding is essentially prevented.

B.7. Increases in surface water runoff would not occur, as most areas proposed for the spur trails are level or gently sloping with good groundcover (including a layer of pine needles). In the few, short, steeper locations (mainly at the intersection with the main trail), surface water runoff from the proposed spur trails will be avoided through proper placement (see Note A.4.). Waste/trash produced during normal trail use would ideally be minimal or non-existent and would not pose a risk to biotic or human communities.

¹ Horseback riding is permitted on designated trails under a public program administered by the Bethany Horsemen Association, subject to conditions required by the RWA and the DPH.

C. Air Quality, Climate, Noise	Yes	No
---------------------------------------	------------	-----------

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|
| <p>1. Is the present on-site air quality below applicable local, state, or federal air quality control standards?</p> <p>If yes, specify the extent to which the air quality fails to attain such standards and the potential effects of sub-standard air quality on the proposed action.</p> | <p>X*</p> | |
| <p>2. Will the proposed action generate pollutants (hydrocarbons, thermal, odor, dust, or smoke particulates, etc.) that will impair present air quality on-site or in surrounding area?</p> <p>If yes, specify the type and source of pollutants, the peak discharge in parts per million per 24-hour period, and the relative level of risk to biotic and human communities.</p> | <p>X</p> | |
| <p>3. Is the site located in a high wind hazard area?</p> <p>If yes, specify the range and peak velocity and direction of high winds; identify any features of the proposed action subject to damage from high winds, the relative level of risk, and any measures included in the proposed action to minimize wind damage.</p> | <p>X</p> | |
| <p>4. Will the proposed action involve extensive removal of trees or other alteration of the ecosystem that may produce local changes in air quality or climate?</p> <p>If yes, describe the nature and extent of the changes, potential adverse effects, areas likely to be affected, possible cumulative effects of removal of natural vegetation and addition of new pollutant sources, and any measures that could be included to reduce the adverse effects.</p> | <p>X*</p> | |
| <p>5. Is the site subject to an unusually high noise level?</p> <p>If yes, specify the sources of noise, the noise levels, and any measures included in the proposed action to minimize the effects of noise.</p> | <p>X</p> | |
| <p>6. Will the proposed action generate unusually high noise levels?</p> <p>If yes, specify the source of noise, the range of noise levels, and any measures incorporated into the project to minimize generation of, or exposure to, excessive noise levels.</p> | <p>X</p> | |

Notes (including sources of information):

C. Air Quality, Climate, Noise

C.1. In accordance with the Clean Air Act, the Environmental Protection Agency (EPA) Office of Air Quality Planning and Standards (OAQPS) has set national Ambient Air Quality Standards for six principal pollutants, which are called "criteria" pollutants. These pollutants are ozone (O₃); particulate matter (<10 micrometers in diameter-PM₁₀ or < 2.5 micrometers in diameter-PM_{2.5}); sulfur dioxide (SO₂); nitrogen dioxide (NO₂); carbon monoxide (CO); and lead (Pb). Locations throughout Connecticut are not in attainment with the standards set for ozone.² Therefore, the subject site also does not meet these standards. Current site use does not contribute to the ozone pollutants, however, and improvements to the spur trails also would not have any impact upon air quality.

C.4. A limited number of individual trees will be removed and/or trimmed to allow use of the proposed spur trails. However, the tree removal will be minimal and will not negatively impact air quality.

² Air quality information and reports found at: <https://portal.ct.gov/DEEP/Air/Monitoring/Air-Quality-Summary-and-Trends> and <https://portal.ct.gov/DEEP/Air/Monitoring/Air-Monitoring-Network>

D. Biotic Communities**Yes No**

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1. Are there any rare or endangered plant or animal species on the site?
If yes, specify the species, the degree of rarity, and the estimated population on the site; indicate the extent to which the proposed action will disturb the species and its habitat, and specify any measures included in the proposed action to minimize such disturbance. | X* |
| 2. Are there unusual or unique biotic communities on the site?
If yes, specify type of community and its relative significance; indicate the extent to which the proposed action will destroy significant biotic communities and specify any measures included in the proposed action to minimize such damage. | X |
| 3. Is the site used as a nesting site by migrating waterfowl, or is it critical to the movement of migratory fish or wildlife species?
If yes, specify the species, the extent to which nesting or migration will be disturbed as a result of the proposed action, and any measures included in the proposed action to minimize disturbance. | X* |
| 4. Does the proposed action significantly reduce the amount, productivity, or diversity of the biotic habitat?
If yes, specify the amount and types of habitat lost, types of wildlife or plants likely to be seriously affected by the proposed action, and any measures to mitigate impacts on biotic communities. | X |

Notes (including sources of information):**D. Biotic Communities**

D.1. The CT Department of Energy and Environmental Protection (DEEP) maintains a Natural Diversity Data Base (NDDDB), depicted on a set of maps that indicate the presence of Endangered, Threatened, and species of Special Concern. The NDDDB map for Bethany³ was reviewed, and one area of the subject site was depicted with hatching, indicating that listed species are present within or near the area. See Attachments for CTECO map of the Natural Diversity Database results. The proposed spur trails are not located within the hatching shown on the NDDDB map. However, because this hatching is located within the site boundaries, a request was made to DEEP for more information.

There are no rare or endangered species on site, however, the response letter from DEEP (NDDDB Determination Number: 202100560),⁴ dated January 27, 2021, states that according to their records, there is a State-listed, Special Concern species (RCSA Sec. 26-306)

³ Department of Energy and Environmental Protection – Natural Diversity Data Base: <https://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp> (*Natural Diversity Data Base Areas, Bethany, CT, map updated December 2020*); also found at: <https://cteco.uconn.edu/viewer/index.html?viewer=advanced> (Natural Diversity Database map). Accessed 01/14/2021.

⁴ The DEEP determination is good for 2 years.

documented on site: Eastern Box Turtle (*Terrapene carolina carolina*). The DEEP letter (included in the Attachments) details the habitats of these species, threats to their survival, and protective measures to follow to safeguard the species. DEEP recommendations include consulting with biologists to plan the recreational trail paths so they minimize the effect on this species. Additionally, the following best management practices along trails need to be considered:

- To avoid collection by the public, do not post signs alerting the public to the presence of this species.
- Litter from recreation can pose a choking hazard. Ensure there is a plan for how garbage will be managed.
- It is very important to route recreational trails away from **nesting areas**.

Turtle nesting areas are often fields or residential yards, areas where the nest will get sunlight throughout the day to incubate the eggs. Female turtles prefer patches of bare sandy soil when available.⁵ However, for nesting, Eastern Box Turtles may also utilize early successional fields, meadows, utility right of ways, woodland openings, roadsides, cultivated gardens, residential lawns, mulch piles, beach dunes, and abandoned gravel pits.⁶

Because the spur trails are already unofficially established (through existing use), and are wooded (with the exception of where they meet the very edge of the lake), it is unlikely that turtles would choose to nest along the trails. If sunny areas of loose sand or soil are noted along or near the spur trails, the trails can be re-routed away from any potential nesting areas. No motorized vehicles will be permitted on the spur trails, visitors are limited to RWA recreation permit holders, and picnicking is prohibited. These regulations will reduce potential impacts to Eastern Box Turtles, should they be found in the vicinity of the spur trails. In addition, a biologist (Beth Evans of Evans Associates) is familiar with the site and has walked the trails. No potential nesting habitat was observed near the proposed spur trails.

D.3. Birds and other wildlife likely use the site for nesting and/or migration. Waterfowl nesting is likely limited to areas north of the causeway, however, where the vegetation offers better protection. No spur trails are proposed north of the causeway. Improving the spur trails should not negatively impact the wildlife species on site.

⁵ <https://www.mass.gov/guides/turtles-of-massachusetts#-turtle-nesting->

⁶ <https://www.mass.gov/files/documents/2016/08/uw/terrapene-carolina.pdf>



**Area north of causeway, with better vegetative cover for waterfowl (above).
Area south of causeway with limited protective cover for waterfowl nesting (below).**



E. Land Use	Yes	No
--------------------	------------	-----------

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|
| <p>1. Does the site include any officially designated historic or archaeological sites, or other sites of known historic, archaeological, or cultural significance?</p> <p>If yes, specify their type and significance, the extent to which they will be disturbed by the proposed action, and any measures to reduce such disturbance.</p> | | X* |
| <p>2. Does the site have any outstanding scenic or aesthetic characteristics, especially as viewed from public highways or recreation areas?</p> <p>If yes, specify the type and significance of scenic features, the extent to which they will be disturbed by the proposed action, and any measure to reduce the extent of such disturbance.</p> | | X* |
| <p>3. Is the site presently used for recreation?</p> <p>If yes, indicate the type of recreation, the amount of use, and the extent to which the proposed action will interfere with present recreational uses or limit recreation options on the site.</p> | X | |
| <p>4. Is the site presently used for residence or business?</p> <p>If yes, specify the type of use and the extent to which the proposed action will displace present occupants, especially disadvantaged persons or businesses, and any measures included in the proposed action for relocation of such occupants.</p> | | X |
| <p>5. Will the proposed action break up any large tracts or corridors of undeveloped land?</p> <p>If yes, specify the area of undeveloped land surrounding the site, the amount of development the proposed action will involve, and the distance to the nearest developed land.</p> | | X |
| <p>6. Does the proposed action include features not in accord with the Authority's Land Use Plan or land disposition policies?</p> <p>If yes, specify the nature and extent of conflict.</p> | | X |
| <p>7. Is the proposed action part of a series of similar or related actions that might generate cumulative impacts?</p> <p>If yes, specify the type and extent of related actions, implemented or planned, and the general nature of potential cumulative impacts; indicate whether a generic or programmatic impact assessment has been or will be prepared for this series of actions.</p> | | X |

Notes (including sources of information):

E. Land Use

E.1. There are no standing structures in the vicinity of the proposed spur trail improvements; the spurs would traverse short lengths of natural wooded areas. These areas are not listed in the National Register of Historic Places⁷ or the State Register of Historic Places database.⁸ No buildings are located on site (the only structures are in association with the dam or causeway), and accordingly no listings were found on the Historic Buildings of Connecticut website.⁹ In addition, according to the CT Trust for Historic Preservation,¹⁰ the property is not located in a local historic district, and the RWA's Land Use Plan¹¹ does not list any historic sites.

E.2. The area is mainly forested, with some scenic water views of Lake Chamberlain. No impacts would occur to these features from the proposed activity.

E.3. The site is RWA property that allows passive recreation, fishing, and horse-back riding (all permissible with appropriate permits). Currently, the spur trails proposed for improvements are 'unofficial' and were created by visitors accessing the edge of the lake (presumably mainly for fishing). These areas are proposed to be marked and maintained similar to the existing trails on site. The proposed activity would improve the current recreational opportunities on site by providing safer access to the edge of the lake for fishing. In addition, the habitats surrounding the lake will be better protected by directing visitors to areas via marked paths, rather than allowing people to wander and potentially enter sensitive areas such as wetlands.

⁷ <https://npgallery.nps.gov/NRHP/SearchResults/>, accessed January 19, 2021

⁸ https://portal.ct.gov/DECD/Content/Historic-Preservation/03_Technical_Assistance_Research/Research/Historic-Property-Database, accessed January 19, 2021

⁹ <http://historicbuildingsct.com/category/towns/bethany/>, accessed January 19, 2021

¹⁰ <http://lhdct.org/maps/state>, accessed January 19, 2021

¹¹ Land Use Plan of the South Central Connecticut Regional Water Authority, Approved by the Representative Policy Board January 21, 2016

F. <u>Natural Resources and Other Economic Considerations</u>	Yes	No
----------------------------------------------------------------------	------------	-----------

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|
| <p>1. Does the proposed action involve any irreversible commitment of natural resources?</p> <p>If yes, specify the type of resource, the importance and scarcity of the resource, the quantity that will be irreversibly committed, and any measure that could be included in the proposed action to reduce irreversible commitments of resources.</p> | | X |
| <p>2. Will the proposed action significantly reduce the value and availability of timber or other existing economic resources?</p> <p>If yes, specify the type and extent of resources affected, the estimated revenue loss, and any measures that could be included in the proposed action to improve the efficiency of resource utilization.</p> | | X |
| <p>3. Will the proposed action require expenditures greater than the projected revenues to the Authority?</p> <p>If yes, specify the estimated difference.</p> | | X* |
| <p>4. Will the proposed action require any public expenditure (e.g., provision of municipal services) that might exceed the public revenue it is expected to produce?</p> <p>If yes, specify the estimated difference.</p> | | X |
| <p>5. Will the proposed action cause a decrease in the value of any surrounding real estate?</p> <p>If yes, estimate the amount and distribution of altered real estate values.</p> | | X |

Notes (including sources of information):

F. Natural Resources and Other Economic Considerations

F.3. The spur trail improvements will be implemented and maintained by RWA personnel, so no additional costs would be incurred. No extra revenue is expected.

G. Public Safety and Health**Yes No**

1. Is the site subject to unusual fire hazard (from flammable vegetation, difficulty of access, lack of water for fire fighting, or other causes)?

X

If yes, specify the type of hazard, the extent to which the proposed action might increase the fire hazard, the extent to which it is subject to damage from such fires, and any measures included in the proposed action to reduce the risk of fire damage.

2. Does the site include any features that present potential safety hazards under the proposed conditions of use, or will the proposed action create any hazards to public safety?

X*

If yes, specify the hazards, the extent to which the public, workers, or others will be exposed to the hazard, the degree of risk, and any measures that will be included in the proposed action to eliminate hazards or reduce the risk of injury.

3. Does the proposed action have the potential to create increased risks to public health?

X

If yes, specify the nature of the health hazards, population at risk, the degree of risk, and any measures that will be incorporated in the proposed action to avoid adverse impacts on public health.

Notes (including sources of information):

G. Public Safety and Health

G.2. The proposed spur trail improvements support lake access and fishing at the reservoir. These activities, which are currently permitted and occurring at Lake Chamberlain, are potentially hazardous, as they involve access to open water. No increase in safety hazards would occur due to the proposed activity.

H. Community Factors

Yes No

1. Does the proposed action include any features that are not in conformity with local, regional, or state plans of conservation and development?

X*

If yes, specify the plan(s), the nonconforming features, and the extent of the nonconformity, and any measures that could be incorporated into the proposed action to improve conformity.

2. Does the proposed action differ from the established character of land use in the surrounding area?

X

If yes, specify the nature and extent of the conflict and any actions that might be taken to resolve it.

3. Will the proposed action require any service by public facilities (streets, highways, schools, police, fire) or public utilities that are expected to exceed capacity within 5 years?

X

If yes, specify the type of facility or utility, its capacity, present and projected use, the additional capacity required to implement the proposed action, any public plans to increase the capacity, and any measures that can be incorporated into the proposed action to reduce excessive demands on public facilities.

4. Will the proposed action produce any substantial increase in nonresident traffic to the area (construction or other temporary workers, permanent workers, recreational users, etc.)?

X

If yes, specify the amount and type of traffic, its potential impact on the surrounding neighborhood, and any measures included in the proposed action to reduce adverse effects from increased traffic.

5. Will the proposed action produce an increase in projected growth rates for the area?

X

If yes, specify the extent to which growth will be increased, the project ability of the community to cope with higher growth rates, and any measures include in the proposed action to reduce anticipated adverse effects from increased growth.

6. Is there any indication that the proposed action can be expected to generate public opposition or conflict over environmental concerns?

X

If yes, indicate the type and source of conflict, whether it is limited to immediate neighbors of the site or extends to the larger community, and any measures that have been taken or could be taken to resolve the conflict.

Notes (including sources of information):

H. Community Factors

H.1. State, regional, and local conservation and development plans have similar principles with regard to open space and recreational activities. The proposed spur trail improvements do not contradict these principles, and may even benefit their causes by enhancing the accessibility of the property for recreational activities such as fishing. The principles supporting, or not contradicting, the spur trail improvements are discussed below for the Conservation and Development Policies Plan for Connecticut, 2013-2018¹² (CT C&D Plan), the South Central Region: Plan of Conservation and Development 2018-2028 (Regional POCD),¹³ and the Bethany 2010 Plan of Conservation and Development (Bethany POCD).¹⁴ Note that the CT C&D Plan, although dated ending in 2018, is current. A Revised Draft 2018-2023 State C&D Plan is under consideration by the General Assembly in the 2021 legislative session.¹⁵

The CT C&D Plan Growth Management Principle #4 (Conserve and Restore the Natural Environment, Cultural and Historical Resources, and Traditional Rural Lands), State Agency Policy 4.13 is: “Manage water resource conflicts by balancing the competing needs of water for human consumption, waste assimilation, habitat sustainability, recreation, power production, agriculture and transporting people and goods...” Improvement of the spur trails will support this policy by balancing recreation (fishing) with water supply and habitat sustainability. The paths chosen for improvement would avoid areas of sensitive habitat.

In the Regional POCD, a goal/strategy within the Natural Environment chapter is to “Encourage resident access to open spaces and recreational assets within the region through the expansion of existing bike/pedestrian network connecting open spaces and other existing/proposed regional trail connections.” The proposed activity would improve and expand access to fishing at the lake, which is substantially in agreement with the Regional POCD goal.

The Bethany POCD, within the Open Space Policies and Measure discussion, states that “water quality shall be protected by preserving watersheds,” and the Town should “work collaboratively with the Regional Water Authority.” The Bethany POCD does not make specific recommendations or suggestions for the Lake Chamberlain property, as it is RWA property and not considered available to the public (a RWA recreation permit is required to use the property). However, the proposed project does not contradict the policies of the Bethany POCD.

¹²<https://portal.ct.gov/OPM/IGPP-MAIN/Responsible-Growth/Conservation-and-Development-Policies-Plan/2018-2023-POCD-Update>

¹³ <https://scrcog.org/wp-content/uploads/2018/07/2018-07-SCRCOG-POCD-report-online.pdf>

¹⁴ https://bethany-ct.com/download/conservation_commission/2010-Plan-of-Conservation-and-Development-see-pg-48-for-Open-Space-Plan.pdf

¹⁵ <https://portal.ct.gov/OPM/IGPP-MAIN/Responsible-Growth/Conservation-and-Development-Policies-Plan/Conservation-and-Development-Policies-Plan> (also see reference 9, above)

ATTACHMENTS

DEEP letter (NDDDB Determination Number: 202100560)

CTECO Maps: *Natural Diversity Database*

Erosion Susceptibility

Inland Wetland Soils

Farmland Soils

January 27, 2021

Eva Szigeti
Evans Associates Environmental Consulting, INC
162 Falls Rd
Bethany, CT 06524
eva@eaec-inc.com

NDDB DETERMINATION NUMBER: 202100560

Project: Installation of permanent trails for previously used unofficial pathways to lake; LAKE CHAMBERLAIN FISHING TRAILS, 48 OLD MILL RD (WEST OF SPERRY RD), BETHANY, CT

Expiration: January 27, 2022

I have reviewed Natural Diversity Database (NDDB) maps and files regarding this project. According to our records, there are State-listed species (RCSA Sec. 26-306) that may be influenced by activities within the proposed project area.

- **Eastern box turtle (*Terrapene carolina carolina*)- State Special Concern**

In Connecticut, these turtles are found in well-drained forest bottomlands and a matrix of open deciduous forests, early successional habitat, fields, gravel pits, and or powerlines. Turtles are dormant between November 1 and April 1 and hibernate in only a few inches from the surface in forested habitat.

The greatest threat to this species is habitat loss, fragmentation, and degradation due to development. This species is very sensitive to adult mortality because of late maturity (10 years old) and long life span (50-100years). Vehicular traffic, heavy equipment used for farming, and ATV use in natural areas are implicated specifically in adult mortality through collisions. Illegal collection by the pet trade and unknowing public for home pets exacerbates mortality rates and removes important individuals from the population. Predation rates are also unnaturally high because of increased predator populations (e.g. skunks, foxes, raccoons, and crows) that surround developed areas.

Recreational activities can increase incidental collection, may negatively impact nesting behavior, and can contribute to local turtle population decline. Most often turtles collected are adult females traveling to and from nesting. These turtles of reproductive age are the most valuable individuals in the population to maintain population persistence. Due to slow maturity and low reproductive success, even infrequent collection poses a long-term conservation problem.

- To avoid collection by the public, do not post signs alerting the public to the presence of this species.
- Litter from recreation can pose a choking hazard. Ensure there is a plan for how garbage will be managed.
- I recommend you consult with biologists to plan your recreational trail paths so they minimizes the effect on this species.

- It is very important to route recreational trails away from nesting areas.

Your project is located in a large block of suitable habitat for this species, as a land manager, you can benefit this species through landscape planning beyond your project area.

- Landscape Planning: Use partnerships and landscape scale planning to protect important conservation areas for this species

This determination is valid for two years. Please submit an updated NDDB Request for Review if the scope of the proposed work changes or if work has not begun by expiration date.

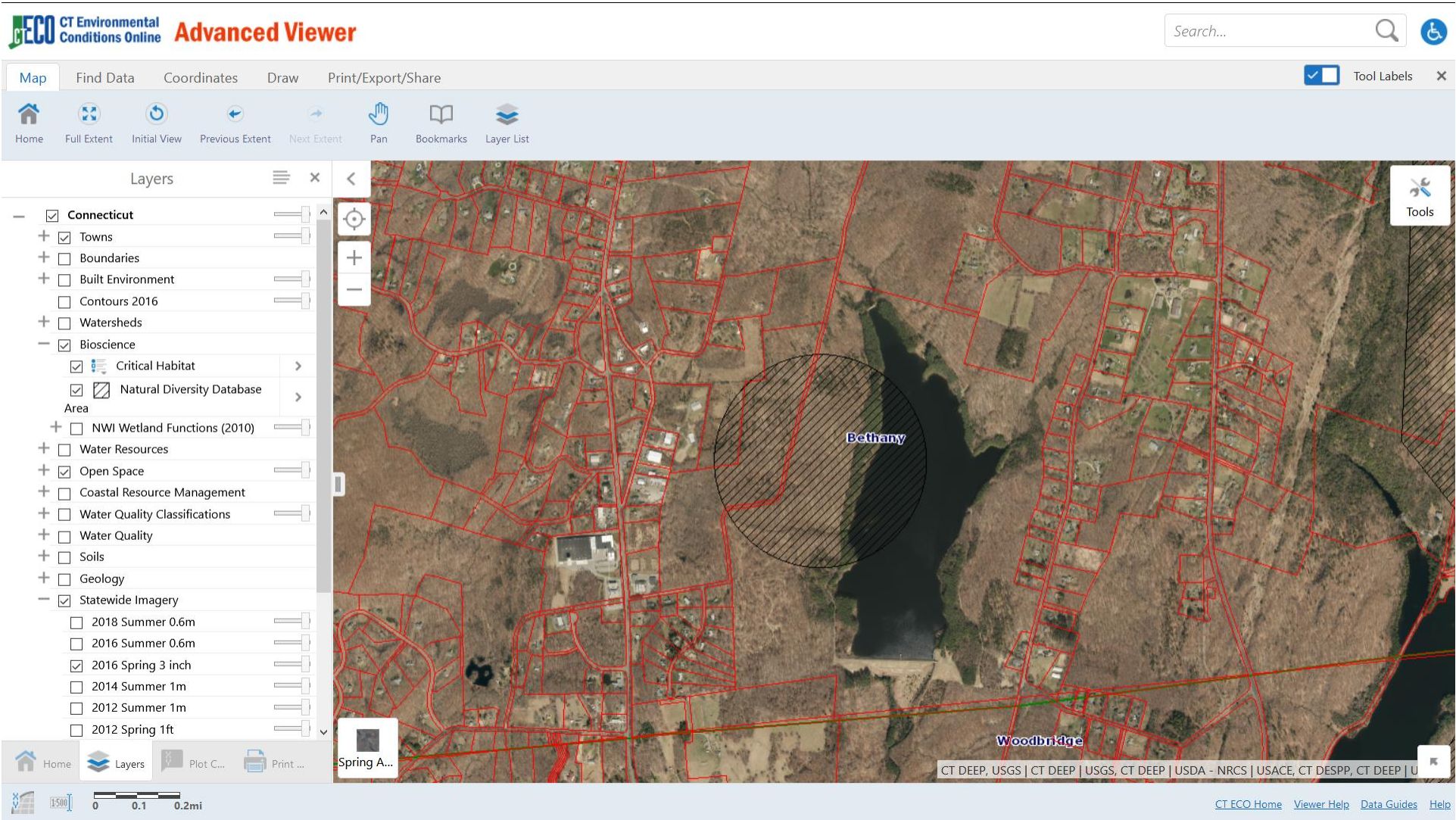
Natural Diversity Database information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Bureau of Natural Resources and cooperating units of DEEP, independent conservation groups, and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDB should not be substituted for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated in the NDDB as it becomes available.

Please contact me if you have any questions (shannon.kearney@ct.gov). Thank you for consulting with the Natural Diversity Database and continuing to work with us to protect State-listed species.

Sincerely,

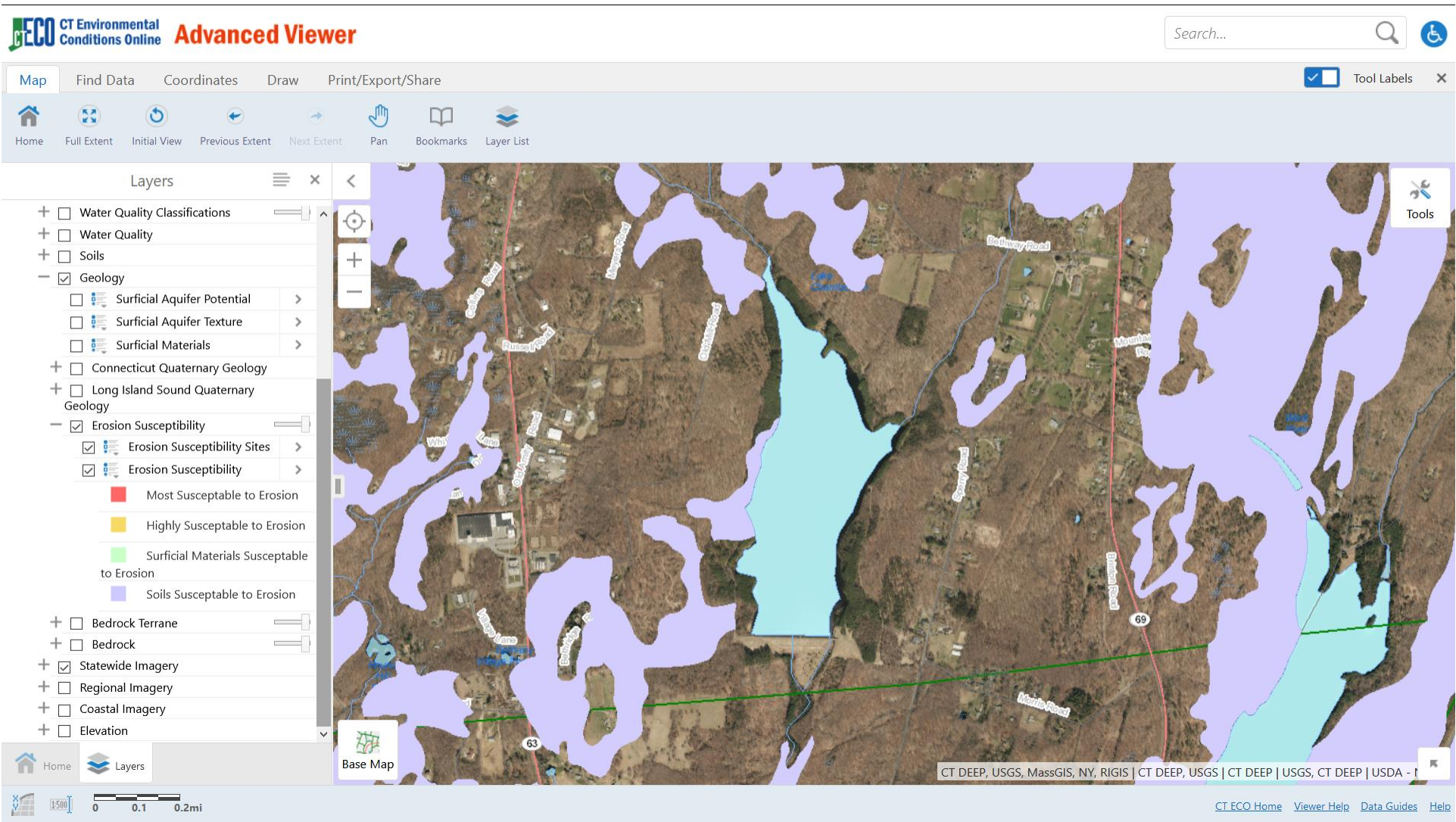
/s/ Shannon B. Kearney
Wildlife Biologist

Natural Diversity Database

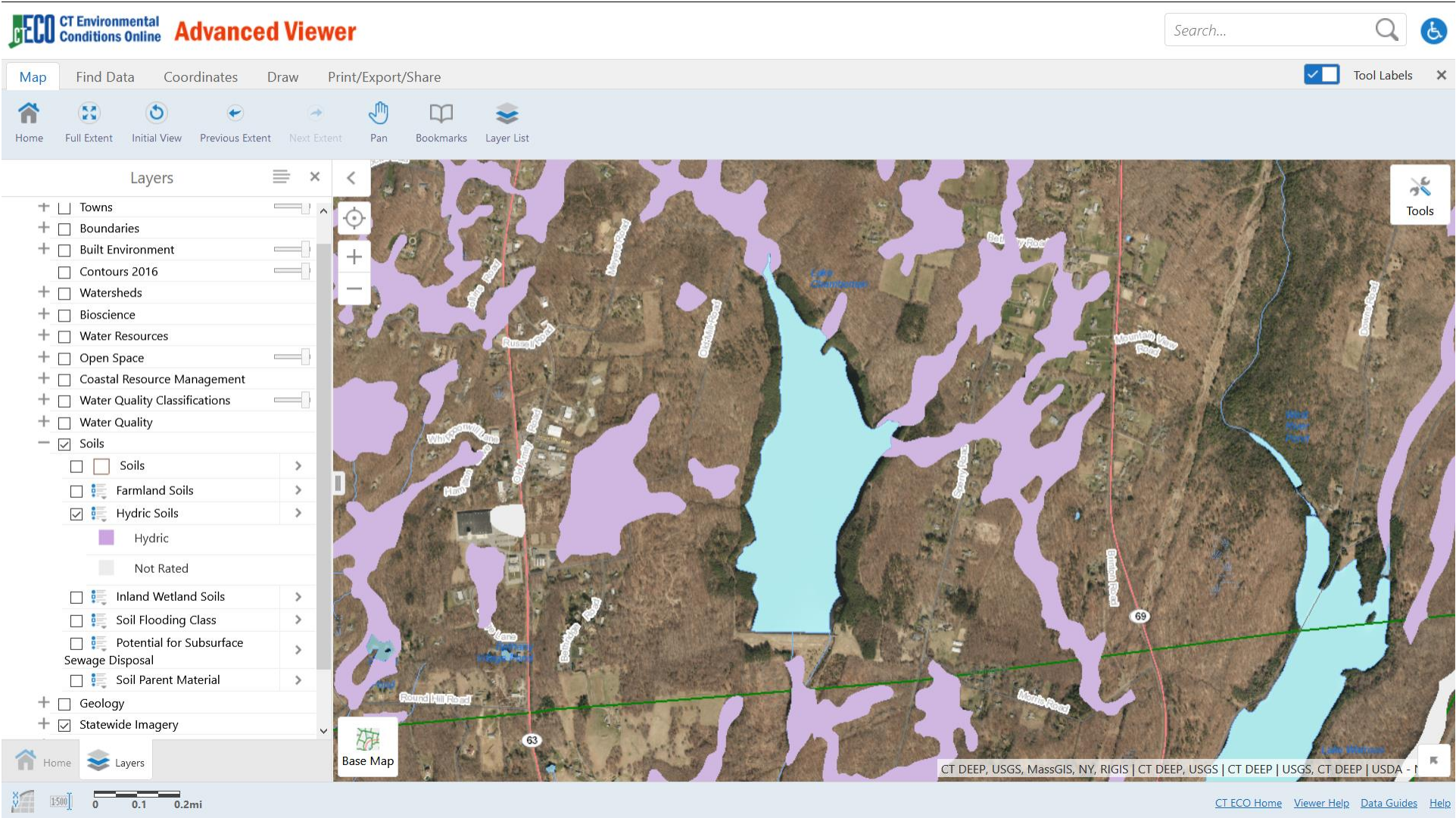


Hatch represents represent approximate location of endangered, threatened, or special concern species and/or significant natural communities.

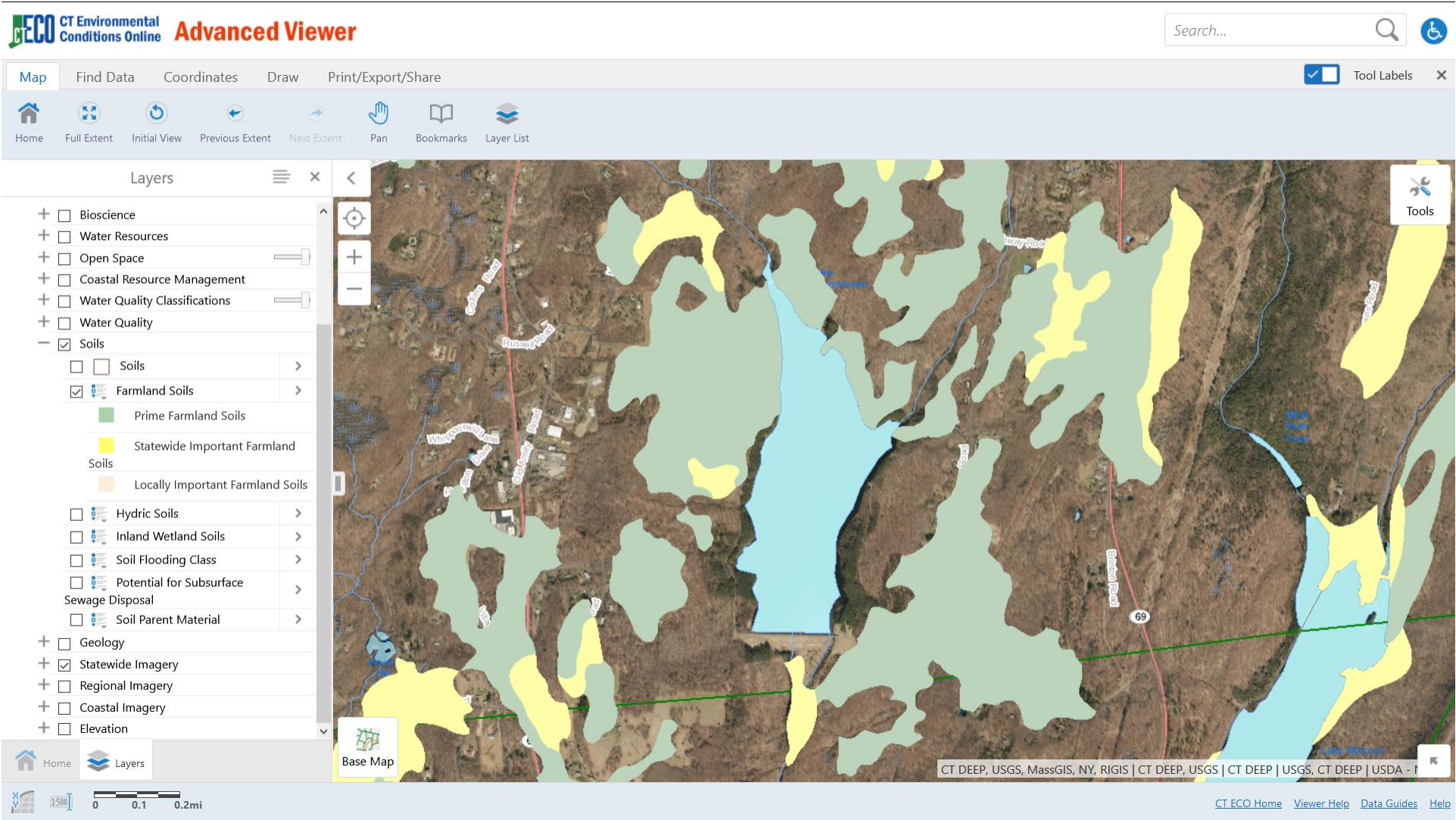
Erosion Susceptibility



Inland Wetland Soils



Farmland Soils




South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut 06511-5966 203.562.4020

<http://www.rwater.com>

TO: David J. Borowy
Kevin J. Curseaden
Anthony DiSalvo
Catherine E. LaMarr
Suzanne C. Sack

FROM:  Rochelle Kowalski
Vice President of Financial Reporting & Analysis

DATE: May 14, 2021

SUBJECT: Filing the budgets for Fiscal Year 2022 with the Authority's Trustee

Sections 613 and 614 of the Authority's General Bond Resolution require that the Authority adopt and file the annual operating and capital budgets with the Trustee prior to the start of the approaching fiscal year (June 1, 2021).

Enclosed for your review and approval are the filings to be submitted in accordance with the sections referenced above. The capital budget for FY 2022 does not include all carry-over items from FY 2021 to FY 2022. Additional carry-over items will be submitted to you next month (June).

FY 2022 OPERATING REVENUE

(000 omitted)

	FY 2021	FY 2021	FY 2021	FY 2022	FY 2022 Budget less FY 2021	% over /	FY 2022 Budget less FY 2021	% over /
	"Original" Budget	"Revised" Budget	Projected	Budget (a)	"Original" Budget	(under)	"Revised" Budget	(under)
Revenue:								
Water Sales	\$ 117,202	\$ 101,381	116,131	\$116,629	\$ (573)	(0.5)	\$ 15,248	15.0
Investment Income	1,323	986	265	150	(1,173)	(88.7)	(836)	(84.8)
BABs Subsidy	656	656	656	657	1	0.2	1	0.2
Other - net	7,038	6,302	6,802	7,154	116	1.6	852	13.5
Common Non-Core Investment (b)	(200)	(200)	(235)	(250)	(50)	25.0	(50)	25.0
Total Revenue (c)	126,019	109,125	123,619	124,340	(1,679)	(1.3)	15,215	13.9
Less:								
Operating & Maintenance Expenses	61,051	56,200	56,200	59,741	(1,310)	(2.1)	3,541	6.3
Common Non-Core Investment	(100)	(100)	-		100	(100.0)	100	(100.0)
Debt service transfers	44,272	44,249	43,766	44,337	65	0.1	88	0.2
PILOT transfers	8,841	8,841	8,622	9,115	274	3.1	274	3.1
Deductions from revenue	114,064	109,190	108,588	113,193	(871)	(0.8)	4,003	3.7
Net revenue	\$ 11,955	\$ (65)	\$15,031	\$ 11,147	\$ (808)	(6.8)	\$ 11,212	(17,249.2)

(a) Does not reflect a planned rate application and therefore does not include debt service transfers associated with funding the FY 2022 capital program.

(b) FY2022 Budget includes an additional \$250k not included in O&M.

(c) Revenue does not include draws to meet coverage and depreciation requirements.

South Central Connecticut
Regional Water Authority
Fiscal Year 2022 Budget (\$000 omitted)
Allocated by Month

	June	July	August	September	October	November	December	January	February	March	April	May	Total
Revenues:													
Water sales	\$ 8,296	\$ 11,972	\$ 9,980	\$ 10,240	\$ 9,665	\$ 9,526	\$ 9,457	\$ 13,036	\$ 9,996	\$ 8,644	\$ 8,317	\$ 7,501	\$116,629
Investment income	12	13	14	9	10	15	11	12	13	11	13	17	150
BABs subsidy	-	-	328	-	-	-	-	-	329	-	-	-	657
Other, net	574	597	578	554	571	566	543	573	535	654	543	617	6,904
Total revenue	8,881	12,581	10,900	10,803	10,246	10,106	10,010	13,621	10,873	9,310	8,873	8,135	124,340
Less:													
Operating and maintenance expenses incurred	4,754	4,979	5,016	4,975	4,949	4,887	4,979	5,165	4,914	5,064	4,978	5,078	59,741
Depreciation	542	542	541	542	542	541	542	542	541	542	542	541	6,500
Debt service transfers RWA Bonds	2,163	-	4,224	4,224	4,224	4,224	4,224	2,148	4,224	4,224	4,224	4,224	42,322
State of CT Clean Water Fund	151	156	162	162	162	162	162	162	162	162	207	207	2,015
PILOT transfers	750	742	742	742	742	742	742	782	782	782	782	782	9,115
Revenue deductions	8,360	6,419	10,685	10,645	10,619	10,556	10,648	8,799	10,623	10,774	10,733	10,832	\$119,693
Net revenue	522	6,162	215	158	(372)	(450)	(638)	4,822	250	(1,465)	(1,860)	(2,697)	\$ 4,647
Balance at beginning of month (a)	0	522	6,684	6,898	7,056	6,684	6,234	5,596	10,418	10,668	9,203	7,343	
Balance at end of month (a)	\$ 522	\$ 6,684	\$ 6,898	\$ 7,056	\$ 6,684	\$ 6,234	\$ 5,596	\$ 10,418	\$ 10,668	\$ 9,203	\$ 7,343	\$ 4,647	
Add Back Depreciation:	542	1,084	1,625	2,167	2,709	3,250	3,792	4,334	4,875	5,417	5,959	6,500	
Revised Balance at end of month (a)	\$ 1,064	\$ 7,768	\$ 8,523	\$ 9,223	\$ 9,393	\$ 9,484	\$ 9,388	\$ 14,752	\$ 15,543	\$ 14,620	\$ 13,302	\$ 11,147	

(a) Does not represent cash balance

FY 2022 PROJECTED MAINTENANCE TEST

(000 omitted)

	Original FY 2021 <u>Budget</u>	Revised FY 2021 <u>Budget</u>	FY 2021 <u>Projected</u>	FY 2022 <u>Budget (a,b)</u>
Revenue:				
Water Sales	\$ 117,202	\$ 101,381	\$ 116,131	\$ 116,629
Investment Income	1,323	986	265	150
BABs Subsidy	656	656	656	657
Other - net	7,038	6,302	6,802	7,154
Common Non-Core Investment	(200)	(200)	(235)	(250)
Total Revenue	126,019	109,125	123,619	124,340
Less:				
Operating & Maintenance Expenses	61,051	56,200	56,200	59,741
Common Non-Core Investment	(100)	(100)	-	-
Depreciation	6,500	6,500	6,500	6,500
PILOT	8,700	8,700	8,550	8,950
Net revenue available for Debt Service (A)	\$ 49,868	\$ 37,825	\$ 52,369	\$ 49,149
Debt service payments (C)	\$ 43,768	\$ 43,745	\$ 43,262	\$ 43,922
Debt service x 114% (B)	\$ 49,896	\$ 49,869	\$ 49,319	\$ 50,071
Difference (A-B) - Revenue Shortfall	\$ (28)	\$ (12,045)	\$ 3,050	\$ (922)
Revenue from Rate Stabilization Fund (D)	\$ 28	\$ 12,045	\$ -	\$ 922
Coverage (A+D/C)	114%	114%	121%	114%
Required Coverage	114%	114%	114%	114%

(a) Does not reflect a planned rate application and therefore does not include add'l depreciation or debt service for capital program.

(b) FY2022 Budget includes an additional \$250k not included in O&M.

South Central Connecticut
Regional Water Authority
Fiscal Year 2022 Budget (\$000 omitted)
Activity within other funds

	June	July	August	September	October	November	December	January	February	March	April	May	Summary
<u>Debt Service Fund - Interest</u>													
Balance - Beginning	\$ 8,651	\$ 10,814	\$ 10,814	\$ 2,076	\$ 4,152	\$ 6,228	\$ 8,304	\$ 10,380	\$ 10,380	\$ 1,928	\$ 4,004	\$ 6,080	\$ 8,651
Additions	2,163	-	2,076	2,076	2,076	2,076	2,076		2,076	2,076	2,076	2,076	20,847
Withdrawals	-	-	10,814	-	-	-	-	-	10,528	-	-	-	21,342
Balance - Ending	<u>\$10,814</u>	<u>\$ 10,814</u>	<u>\$ 2,076</u>	<u>\$ 4,152</u>	<u>\$ 6,228</u>	<u>\$ 8,304</u>	<u>\$ 10,380</u>	<u>\$ 10,380</u>	<u>\$ 1,928</u>	<u>\$ 4,004</u>	<u>\$ 6,080</u>	<u>\$ 8,156</u>	<u>\$ 8,156</u>
<u>Debt Service Fund - Principal</u>													
Balance - Beginning	\$20,565	\$ 20,565	\$ 20,565	\$ 2,148	\$ 4,296	\$ 6,444	\$ 8,592	\$ 10,740	\$ 12,888	\$ 15,036	\$ 17,184	\$ 19,332	\$ 20,565
Additions	-	-	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	2,148	21,475
Withdrawals	-	-	20,565	-	-	-	-	-	-	-	-	-	20,565
Balance - Ending	<u>\$20,565</u>	<u>\$ 20,565</u>	<u>\$ 2,148</u>	<u>\$ 4,296</u>	<u>\$ 6,444</u>	<u>\$ 8,592</u>	<u>\$ 10,740</u>	<u>\$ 12,888</u>	<u>\$ 15,036</u>	<u>\$ 17,184</u>	<u>\$ 19,332</u>	<u>\$ 21,480</u>	<u>\$ 21,475</u>
<u>PILOT Fund</u>													
Balance - Beginning	\$ 3,748	\$ 4,498	\$ 742	\$ 1,484	\$ 2,226	\$ 2,968	\$ 3,710	\$ 4,453	\$ 782	\$ 1,565	\$ 2,347	\$ 3,130	\$ 3,676
Additions	750	742	742	742	742	742	742	782	782	782	782	782	9,115
Withdrawals	-	4,498	-	-	-	-	-	4,453	-	-	-	-	8,950
Balance - Ending	<u>\$ 4,498</u>	<u>\$ 742</u>	<u>\$ 1,484</u>	<u>\$ 2,226</u>	<u>\$ 2,968</u>	<u>\$ 3,710</u>	<u>\$ 4,453</u>	<u>\$ 782</u>	<u>\$ 1,565</u>	<u>\$ 2,347</u>	<u>\$ 3,130</u>	<u>\$ 3,912</u>	<u>\$ 3,840</u>
<u>Operating Reserve Fund</u>													
Balance - Beginning	\$10,185												\$ 10,185
Additions	-												-
Balance - Ending	<u>\$10,185</u>												<u>\$ 10,185</u>
<u>Capital Contingency Fund</u>													
Balance - Beginning	\$ 6,061												\$ 6,061
Additions	-												-
Balance - Ending	<u>\$ 6,061</u>												<u>\$ 6,061</u>

Note: Balances may not total due to rounding.

-CAUTION-

THE DISCLOSURE OF CERTAIN INFORMATION ON PAGES, MAPS OR OTHER MATERIALS STAMPED HEREIN MAY POSE A SAFETY AND SECURITY RISK TO PERSONS AND/OR PROPERTY. THE DETERMINATION TO DISCLOSE THIS INFORMATION SHALL ONLY BE MADE PURSUANT TO C.G.S. SECTION 1-210.

**South Central Connecticut Regional Water Authority
5-Year Plan of Capital Improvements
(000's omitted)**

	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026	TOTAL
NATURAL RESOURCES (1)						
Land Management	\$ 20	\$ 20	\$ 20	\$ -	\$ 50	\$ 110
Watershed Protection	125	100	100	100	100	525
Improvements to Reservoir Intakes	325	-	-	190	810	1,325
Improvements to Reservoir Dams & Spillways	-	20	20	525	4,300	4,865
Lake Whitney Dam & Spillway Improvements	600	10,500	18,800	8,700	-	38,600
Bridge Refurbishments	-	-	-	300	-	300
Tunnel Repairs & Improvements	480	400	100	550	100	1,630
Miscellaneous	185	85	60	65	338	733
	1,735	11,125	19,100	10,430	5,698	48,088
TREATMENT (2)						
Lake Saltonstall WTP Process Improvements	1,870	2,340	1,462	500	200	6,372
Lake Gaillard WTP Process Improvements	2,626	5,475	7,425	2,894	2,410	20,830
West River WTP Process Improvements	7,250	7,000	1,400	150	150	15,950
Lake Whitney WTP Process Improvements	680	150	375	500	100	1,805
Improvements to Groundwater Treatment Facilities	3,240	1,185	1,105	1,525	1,650	8,705
Filter Media Replacement	500	500	500	500	500	2,500
Miscellaneous	375	673	200	650	600	2,498
	16,541	17,323	12,467	6,719	5,610	58,660
TRANSMISSION & PUMPING (3)						
Pipe and Transmission Main	7,625	5,825	6,575	7,175	9,100	36,300
Cleaning and Lining	-	-	100	3,000	1,000	4,100
Valve Replacements	300	250	250	250	400	1,450
Service Connections & Hydrants	2,125	2,425	2,425	2,525	2,525	12,025
Meters	105	50	50	50	50	305
AMI Meters	610	-	-	-	-	610
Tank Painting & Improvements	-	100	60	1,150	2,050	3,360
Tank Construction/Replacement	2,750	1,300	2,700	11,500	9,000	27,250
Motor Control Center Replacements/Electrical Improvements	-	-	-	-	250	250
Critical Pump Station & Transmission Facilities Upgrades	350	750	900	900	2,000	4,900
Variable Frequency Drive Replacements	150	60	150	150	200	710
Pump Station Generator Replacements	125	700	-	-	-	825
Burwell Hill Pump Station Equipment Replacement	488	-	-	-	-	488
Spring Street Pump Station Replacement	305	4,000	5,000	-	-	9,305
Miscellaneous	1,050	860	575	985	1,605	5,075
	15,983	16,320	18,785	27,685	28,180	106,953
GENERAL PLANT (4)						
Information Systems	2,395	3,755	2,361	1,712	2,287	12,510
SAP Customer Channels Sales & Marketing	225	250	250	200	75	1,000
Data Center Life Cycle Replacements	550	650	650	650	650	3,150
System-Wide RTU Upgrade	700	-	-	-	-	700
Equipment	522	822	937	1,065	920	4,266
90 Sargent Drive	60	100	125	300	315	900
	4,452	5,577	4,323	3,927	4,247	22,526
CONTINGENCY	500	500	547	488	437	2,472
TOTAL	\$ 39,211	\$ 50,845	\$ 55,222	49,249	44,172	\$ 238,698
ESCALATED TOTAL (5)	\$ 39,211	\$ 52,370	\$ 58,585	53,815	49,716	\$ 253,697
CONSTR. FUND STATE & REDEV REVOLV. ACCT	\$ 3,000	\$ 3,000	\$ 3,000	3,000	3,000	\$ 15,000
NON CORE BILLING, PSW, PSS, HP, MIGRATION (6)	\$ 745	\$ 325	\$ 360	40	40	\$ 1,510

(1) Projects required to provide for present and future water requirements as well as protection of existing water supplies.

(2) Projects which are necessary to maintain compliance with all Federal and State regulations as well as provide an adequate supply for future expansion of water demand.

(3) Projects necessary to correct deficiencies in the system and provide for current and future demands needed for both consumption and fire protection, as well as modify and upgrade pumping facilities.

(4) Expenditures for specific items including information systems, equipment, vehicles and plant modifications.

(5) Escalated at 3% per year.

(6) To be funded out of the Growth Fund

South Central Connecticut Regional Water Authority
Fiscal Year 2022 Five-Year Capital Improvement Plan
Sources of Financing
(\$000 omitted)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Debt Proceeds	\$ 16,079	\$ 39,194	\$ 46,099	\$ 37,775	\$ 33,250	\$ 172,396
Internally Generated Funds	23,132	11,651	9,123	11,474	10,922	\$ 66,302
Total Budget	\$ 39,211	\$ 50,845	\$ 55,222	\$ 49,249	\$ 44,172	\$ 238,698

Notes:

- 1) Debt proceeds includes all anticipated debt financing of five year capital program (e.g., RWA bonds, Connecticut Drinking Water State Revolving Funds, Bond Anticipation Notes).
- 2) Internally generated funds are estimated based on a combination of year-end FY 2021 and FY 2022 projections and the Financial Model.
- 3) Source of funds projections to be further refined with 2021 Financial Model update.
- 4) Total budget does not include State and Redevelopment.
- 5) Total budget does not include capital funding from the Growth Fund.

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

PROPOSED RESOLUTIONS

MAY 20, 2021

(Adopt FY 2022 Capital and Operating Budgets and Authorize filing with Trustee)

RESOLVED, that the Authority's Capital Improvements budget for Fiscal Year ("FY") 2022 from June 1, 2021 – May 31, 2022, including a plan of capital improvements for the FY 2022 through FY 2026 and the additional information required by Section 614 of the *General Bond Resolution*, is hereby adopted and ordered to be filed with US Bank, Trustee, pursuant to Section 614 of the *General Bond Resolution*; and

FURTHER RESOLVED, that the Authority's Operating budget for FY 2022 from June 1, 2021 – May 31, 2022, showing on a monthly basis projected Operating Expenses and deposits and withdrawals from the several Funds required by the General Bond Resolution, is hereby adopted and ordered to be filed with US Bank, Trustee, pursuant to Section 613 of the *General Bond Resolution*.