

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>

**South Central Connecticut Regional Water Authority
Environmental, Health & Safety Committee**

Minutes of the March 18, 2021 Meeting

A regular meeting of the Environmental, Health & Safety Committee of the South Central Connecticut Regional Water Authority took place on Thursday, March 18, 2021, via remote access. Chairman Curseaden presided.

Present: Committee – Messrs. Curseaden, Borowy, Cermola, DiSalvo and Ms. Sack
Management – Mss. Kowalski, Nesteriak, Reckdenwald, and Messrs. Bingaman, Henley, Norris, Singh, and Tracy
RPB – Mr. Jaser
Staff – Mrs. Slubowski

The Chair called the meeting to order at 1:47 p.m.

On motion made by Mr. Borowy, seconded by Ms. Sack, and unanimously carried, the Committee approved the minutes of its meeting held on December 17, 2020.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Mr. Henley, the RWA's Aquatic Resource Scientist, and Mr. Tracy, the RWA's Invasive Species Management Technician, provided a presentation on the Water Chestnut Infestation and Harvest at Furnace Pond, which included:

- History of the Water Chestnut
- Pre and Post Harvest
- Prevention
- Summer 2020 Harvest
- Equipment, Disposal, Monitoring
- Future and Drone Mapping Initiatives
- Project Costs

At 2:03 p.m., Messrs. Henley and Tracy withdrew from the meeting.

The committee reviewed its FY 2022 work plan.

At 2:04 p.m., on motion made by Mr. Cermola, seconded by Ms. Sack, and unanimously carried, the meeting adjourned.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Kevin Curseaden, Chairman

South Central Connecticut Regional Water Authority
Environmental, Health & Safety Committee
March 18, 2021

UNAPPROVED DRAFT

Presentation to the Regional Water Authority Environmental, Health, and Safety Committee

May 20, 2021

Former Hamden Middle School Remediation Update



Aug 2019 Google Earth

John Hudak
Environmental Planning Manager

History

- 1900 – ~25 acres purchased by NHWCo
- Newhallville (Highwood) section of Hamden



1934

Waste Filling

- Late 1800s – 1950: Public policy to fill swamps
 - Mosquito breeding/disease
 - Dispose of industrial & domestic waste (Winchester Repeating Arms)
 - Create usable land
- Landfills throughout neighborhood
- 1950: New Haven Water Co. property sold to town of Hamden
- 1956: Middle School constructed. Dumping continued as late as 1976



Contamination

A School on a Dump Site Divides Hamden

By Richard Weisel

June 30, 2002



- Various reports of contamination 1979 – 1990s
- Athletic field soil cap installed 1995
- 2000: Environmental study for school expansion confirms contamination
- Primary contaminants: lead, arsenic, PAHs
- School ultimately abandoned

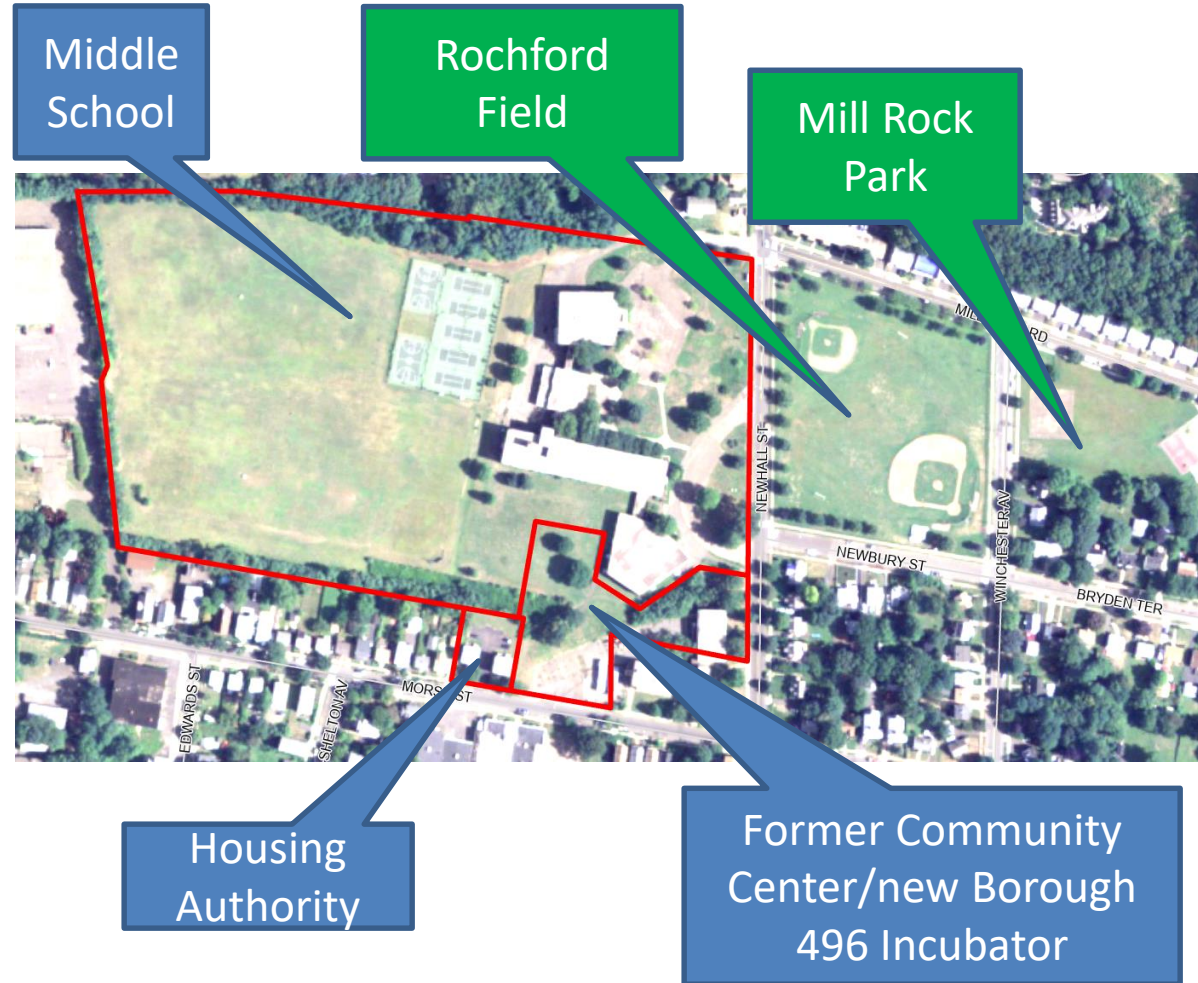


1965

2003 DEEP Consent Order

Newhall neighborhood remediation

- Olin/State: 240 residential properties
- Town: Mill Rock Park, Rochford Field
- RWA
 - Former Hamden Middle School (HMS)
 - Former Community Center (HCC)
 - Two Hamden Housing Authority (HHA) residential properties



Non-RWA Projects

- Remediation of properties assigned to Olin, State of Connecticut, and the Town of Hamden fully remediated by 2015



RWA Remediation 2014-2020

- Phased Remediation
 - PCB “hotspot” removal in 2014
 - Five projects from 2015-2020 rendered soils “inaccessible”
 - Remedial Action & Closure Costs ~\$4.3M



Post-Remediation Closure

- Four Environmental Land Use Restrictions (ELURs)
 - DEEP application & approval
 - Property owners sign-off
 - Subordination agreements
 - Recording on land records
 - Notifications to local agencies, Mayor
- Closure Report
- Groundwater Monitoring

ELUR Status

- HHA properties (2): Recorded Nov 2020
- HMS: Application submitted Feb 2021
 - Subordination agreements:
 - GNHWPCA
 - Frontier Communications
- HCC: Application submitted Oct 2020
 - Property sold Apr 2021
 - Multiple liens settled
 - Application being amended for change in ownership
 - Subordination agreements:
 - GNHWPCA
 - US Economic Development Administration (EDA)



Closure Reporting/Groundwater Monitoring

- Closure report/proposed groundwater monitoring plan submitted Feb 2021
 - Sporadic past exceedances of Groundwater Protection Criteria for barium in GAA portion of site.
- Approved by DEEP as submitted Mar 2021
- Two monitoring wells installed Apr 2021
- Quarterly sampling until compliant



wsp

**GROUNDWATER MONITORING PLAN AND SOIL REMEDIATION CLOSURE REPORT
FORMER NEW HAVEN WATER COMPANY PROPERTIES
HAMDEN, CONNECTICUT**

PROJECT NO.: 770115.SCOHAM.00
DATE: FEBRUARY 2021

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PHONE: +1 (203) 935-9939
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Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION
79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Alternative Action/Equal Opportunity

APPROVAL
March 17, 2021

John Hudak
Environmental Planning Manager
South Central Connecticut Water Authority
90 Sargent Drive
New Haven, CT 06511

RE: Groundwater Monitoring Plan and Soil Remediation Closure Report
Former New Haven Water Company Properties
496 & 560 Newhall Street, 251-253 & 253-255 Morse Street, Hamden, CT
Consent Order No. SRD-128 B.1. (Submission of Monitoring Plan) and I. (Performance of Remedial Actions)

Dear Mr. Hudak:

The Remediation Division of the Bureau of Water Protection and Land Reuse (the "Department") has reviewed the document entitled "Groundwater Monitoring Plan and Soil Remediation Closure Report" ("GWMP & SRCR") for the Former New Haven Water Company Properties (Consent Order No. SRD-128, 496 & 560 Newhall Street, 251-253 & 253-255 Morse Street, Hamden, Connecticut, WSP USA Project No.: 770115.SCOHAM.00), dated February 2021 and received electronically by the Department in February 2021. The Proposed Revisions to the GWMP & SRCR were prepared by WSP USA (Formerly Leggett, Brashers & Graham, Inc.) for the South-Central Connecticut Water Authority pursuant to Consent Order No. SRD-128 issued on April 16, 2003 (the "CO").

The GWMP & SRCR describes the soil and groundwater investigation performed at the above described properties, the remedial measures and the post remedial groundwater monitoring program implemented in accordance with steps B.7. and B.1. of the CO.

The GWMP & SRCR is hereby approved. The next step under Consent Order No. SRD-128 will include the groundwater monitoring and the completion of the process of implementing the environmental land use restriction (ELUR).



Questions



**Presentation to the Regional Water Authority
Environmental, Health & Safety Committee**

May 20, 2021

Government Affairs: 2021 Legislative Outlook



**Lori Vitagliano
Government and Public Relations Specialist**

State Legislative Landscape

Regular Session

- January 6 – Session Began
- June 9 – Sine Die

New Format

- Remote Public Hearings
- In-Person Session Days for Legislators



RWA Priority Bills

SB 837: PFAS in Firefighting Foam

- Would ban firefighting foams that contain PFAS and require that DEEP develop a take-back program for firefighting foams that contain PFAS.

SB 887: Capital Improvements, Transportation and Other Bonds

- Would authorize funding for DEEP's open space and trail grant programs.

SB 926: PFAS In Packaging

- Would prohibit PFAS from being used in consumer packaging.

SB 1031: Sodium Chloride to Mitigate Ice and Snow Accumulations

- Would establish training standards for road salt applicators.

RWA Priority Bills

HB 6384: Effects of Aquatic Invasive Species on Lakes

- Would address invasive aquatic species on the state's lakes. The House passed the bill with an amendment that would make trout fishing season year round.

HB 6386: Extended Producer Responsibility

- Would improve disposal and recycling options for tires, smoke detectors and certain gas cylinders.

HB 6443: Governor's Budget Revenue Items

- Would make changes to the Safe Drinking Water Assessment Fee.

HB 6441: Climate Change Adaptation

- Would expand investments in environmental infrastructure, such as water.

Priority DPH Bills

HB 6615: Safe Drinking Water

- Would require water companies to provide an alternate source of water to customers during an extended water service interruption.
- Would require that water science laboratories inform DPH, in addition to the lab's customer, when certain contaminants are detected in a customer's water samples.

HB 6666: Public Health Statutes Revisions

- Would make changes to qualifying conditions that would allow water companies to install a replacement well.
- Would require an applicant or petitioner of a development project to electronically notify DPH if a development proposal would include work within an aquifer protection area or the watershed of a water company.

Other Industry Issues

HB 6100: Department of Consumer Protection Licensing

SB 969: Water Lines and Hydrant Installations (died)

HB 6523: Virtual Net Metering in Distressed Municipalities (died)

HB 6498: Citing Solar Facilities on Farmlands and Core Forests (died)

Questions?

Lori Vitagliano
Government and Public Relations Specialist
203-889-1981
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Presentation to the Regional Water Authority Environmental, Health & Safety Committee

May 20 , 2021

Sustainability Activity Update

**Amy Velasquez
Environmental Compliance and Sustainability Lead**



Sustainability Activities Since 2018

1. Completion of projects in Strategic Energy Plan
2. Pollinator gardens
3. Looking ahead



Energy Use Reduction Projects

- 2018 –
 - Mt. Carmel Well 2 Pump Rebuild & Motor Replacement: ~100,000 kWh reduction, \$15,773 UI incentive.
 - Spring Street VFD Installation: ~89,000 kWh reduction, \$13,125 UI incentive
- 2019 - Rabbit Rock PS Pump Replacement: ~92,000 kWh reduction, \$10,000 UI incentive
- 2020 – West River Lighting Upgrade: ~38,000 kWh reduction, \$3,809 UI incentive
- 2021 – Gaillard PS VFD installation: ~750,000 kWh reduction, \$116,626 UI incentive



Pollinator Gardens



- What is a pollinator?
Bees, butterflies, hummingbirds and other pollinating insects
- Problem – decline in pollinator populations due to loss of habitat, pesticide use, disease and fragmentation of environment.
- Solution – provide way stations for pollinators on private property and land trusts (pollinator pathway)





What Can Be Done

How to create way station:

- plant native pollinator-friendly trees, shrubs, and perennials!
- provide a source of clean water
- leave some dead wood and dirt patches for nesting bees
- reduce lawn size by adding native plants





Pollinator Pathway

Several RWA region towns have joined pathway – Bethany, Branford, Cheshire, Hamden, New Haven and North Branford

Goal is to de-fragment environment and provide food and habitat for pollinators

Native plants increase the soil's capacity to store water, so native plants can reduce flooding and polluted stormwater runoff.

Reduces maintenance of properties



What RWA is Doing

- Creation of pollinator gardens at Waite St, Lake Gaillard and 90 Sargent Drive



Waite Street

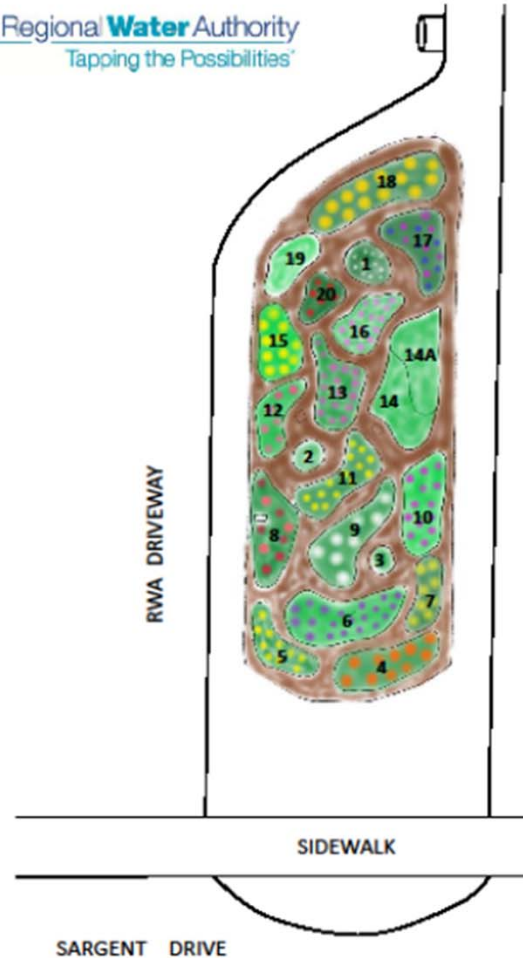


90 Sargent Drive



Expansion of Sargent Drive Garden

Regional Water Authority
Tapping the Possibilities



Planting by Number

1. Serviceberry
2. Bayberry
3. Red Osier Dogwood
4. Butterfly Weed
5. Golden Alexander
6. Anise Hyssop
7. Golden Rod
8. Sedums
9. New Jersey Tea
10. Cone Flower
11. Primrose
12. Phlox
13. Wild Bergmont
14. Pussy Willow 14A. Witch Hazel
15. Partridge Pea
16. Steeple Bush
17. Asters (New England and Blue wood)
18. Black Eyed Susans
19. Blue Stem
20. Penstemon

90 Sargent Drive
Planting Plan
May 2021



Gaillard Traffic Circle



Looking Ahead

- Additional pollinator garden at Lake Whitney Boat Launch
- Wildflower seed mix on hillside near new DAF building
- IT equipment audit for electric use
- Review potential for electric vehicle/equipment pilot



Potential Projects

- Evaluating incentives for West River WTP DAF building construction
- FY22 begin design for HVAC upgrade at Gaillard
- Identify projects within Capital Budget for potential energy efficiencies
- Evaluate possibility for rooftop solar array at Gaillard

