

South Central Connecticut Regional Water Authority
Via Remote Access*

REVISED
AGENDA

Regular Meeting of Thursday, June 18, 2020 at 12:30 p.m.

- A. Safety Moment
- B. Meet as Environmental, Health & Safety Committee: K. Curseaden
 - 1. Approve Minutes - March 19, 2020 meeting
 - 2. Hamden Middle School Update: J. Hudak
 - 3. Review Committee FY 2021 Work Plan
- C. Act on matters arising from Committee meeting
- D. Consent Agenda
 - 1. Approve Minutes – May 21, 2020 meeting
 - 2. Capital Budget Authorization - July 2020
 - 3. Key Performance Indicators
 - 4. Accounts Receivable Update – May 2020
 - 5. Receive FY 2021 RPB Weighted Vote Calculation
 - 6. FY 2021 RPB Application Schedule
 - 7. RPB Dashboard Quarterly Report
 - 8. Derby Tank Update
 - 9. North Cheshire Development Update
- E. Finance: R. Kowalski
 - 1. Fiscal Year-End Financial Report
 - 2. Allocation of Year-end Revenue Balance
 - 3. Proposed revisions (Carryovers) to FY 2021 Capital Budget Projects
- F. Reports on RPB Committee Meetings and RPB Committee Assignments
- G. Updates: L. Bingaman and B. Nesteriak
 - 1. COVID-19
 - 2. Key Metrics Dashboard
- H. **Executive session to discuss COVID-19 related concessions

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

****RPB (T. Rescigno) is excused at item H**

Topic: Authority Meeting (and Environmental, Health & Safety Committee)

Time: Jun 18, 2020 12:30 PM Eastern Time (US and Canada)

Join Meeting (*via conference call*)

Dial by your location

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+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: 844 5815 1892

Password: 833595

Find your local number: <https://us02web.zoom.us/j/khi0uPwO8>

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

Minutes of the March 19, 2020 Meeting

A regular meeting of the Environmental, Health & Safety Committee of the South Central Connecticut Regional Water Authority took place on Thursday, March 20, 2020. Due to the Coronavirus, the meeting was held via teleconference. Chairman Curseaden presided.

Present: Committee – Messrs. Curseaden, Borowy, Cermola, DiSalvo and Ms. Sack
Management – Mss. Discepolo, Kowalski, Nesteriak, Reckdenwald, Velasquez and
Messrs. Antinozzi, Bingaman, Norris, and Singh
RPB – Messrs. Havrda and Ricozzi
Gradient Planning – Ms. Novick
Staff – Mrs. Slubowski

The Chair called the meeting to order at 12:32 p.m.

On motion made by Mr. Cermola, seconded by Ms. Sack, and unanimously carried, the Committee approved the minutes of its meeting held on December 19, 2019.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Chair Curseaden recognized Mr. Norris, RWA's Vice President of Asset Management, who stated that the meeting would include a COVID-19 Plan update, a Health and Safety Initiative update and an Environmental Compliance update.

Mr. Norris introduced Ms. Novick of Gradient Planning, who provided a presentation on the RWA's COVID-19 Plan update, which included:

- Pandemic frequency
- COVID-19 current status
- Future impact
- RWA's Implementation Plan

Mr. Norris discussed:

- Prevention & response
- Critical functions
- Incident and alert levels
- Essential functions and policies
- Incident command team and responsibilities
- Company-wide operations
- Communication strategies
- Social distancing actions

Authority members discussed long-term planning, preventative gear, worst case scenario, emergency contact information, and Authority and RPB roles.

At 1:15 p.m., Ms. Novick withdrew from the meeting.

Mr. Antinozzi, RWA's Safety Administrator, provided a health and safety initiatives update, which included:

- Key performance indicators
- Performance comparison
- Injury frequency rate
- Monthly safety information
- Strategic short-term goals
- Safe and sound week
- Safety related improvements
- Health and wellness

Ms. Velasquez, RWA's Environmental Compliance Analyst, provided an environmental compliance update and discussed:

- RWA's Regulatory compliance program
- Environmental Protection Agency Prevention Control and Countermeasure Regulations
- Emergency Planning and Community Right-to-know Act
- Generator regulations and requirements
- Waste storage & disposal
- Compliance status
- CT Department of Energy and Environmental Protection Agency Wastewater discharge permitting
-
- Future outlook

At 1:34 p.m., on motion made by Mr. Borowy, seconded by Ms. Sack, and unanimously carried, the meeting adjourned.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Kevin Curseaden, Chairman

Former Hamden Middle School Remediation Update



Aug 2019 Google Earth

John Hudak
Environmental Planning Manager
June 18, 2020

History

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



1934

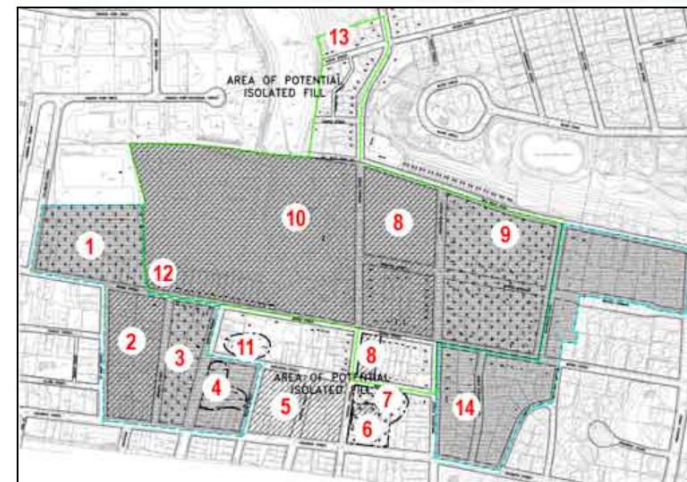
History



- Late 1800s – 1950
 - Mosquitos, malaria
 - Rapid urban development
 - Waste generation
- Public health officials encouraged filling of swamps
- Landfills throughout neighborhood
 - Winchester Repeating Arms
 - Automotive waste
 - Domestic and municipal waste
- Height of dumping 1920s – 1950s; 1976 on the middle school site
- New Haven Water Co. property sold to state in 1950; transferred to town in 1954
- Middle School built 1956



WINCHESTER REPEATING ARMS CO.



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

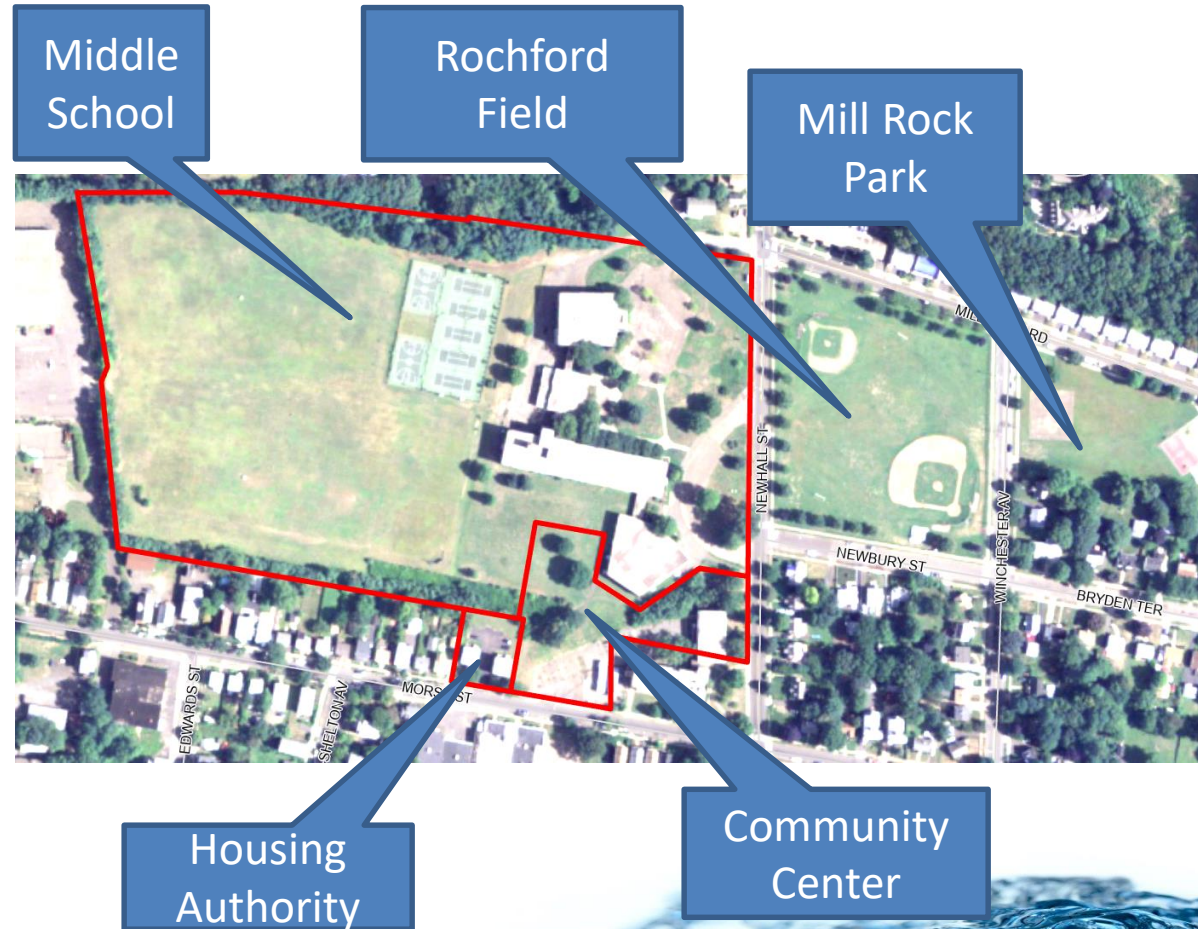


1965

2003 DEEP Consent Order

Newhall neighborhood remediation

- Negotiated Consent Order
 - Olin/State: 240 residential properties
 - Town (partial state funding): Mill Rock Park, Rochford Field
 - RWA – Middle School, Community Center, & two Hamden Housing Authority Properties



Non-RWA Projects

- Olin/State
 - 2012: Completed remediation of 240 residential properties
 - Cost: \$70 million
- Town
 - 2015: Completed Villano (Mill Rock) Park and Rochford Field
 - Cost: \$11 million
 - Demolished middle school auditorium and cafeteria in 2018 with state grant



RWA Remediation

- 2009: Successful reclassification of groundwater from GA to GB (non-drinking water)
- 2013: Successful demonstration groundwater VOC plume meets CT DEEP remediation standards; no remediation required
- 2014: PCB Hotspot Remediation
- 2015: Hamden Community Center
- 2016-2017: Phase 1
- 2017: Phase 2
- 2018-2019: Phase 3
- 2019-2020: Phase 4

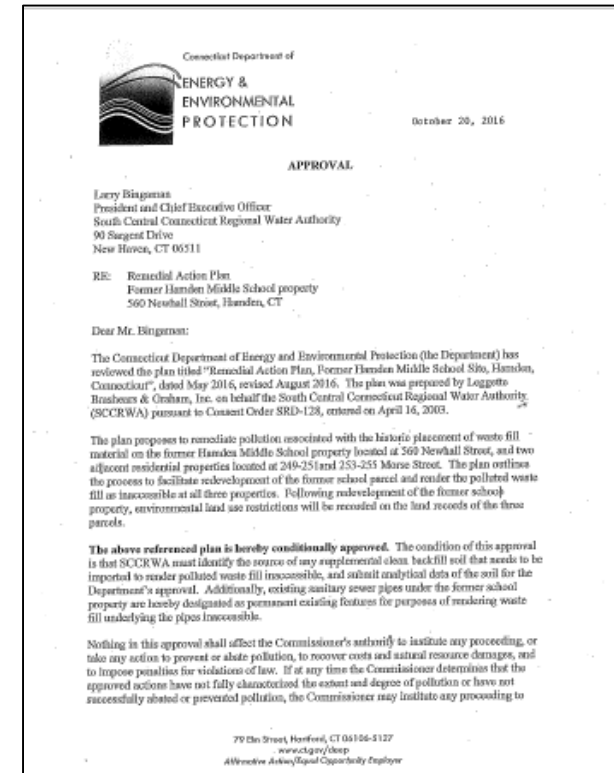
CT Remediation Standards Regulations (RSRs)

- §22a-133k RCSA
- Numeric and narrative standards for the remediation of soil and groundwater
- Goals for RWA remediation:
 - Render soils “inaccessible”
 - Four feet of clean soil OR pavement OR buildings



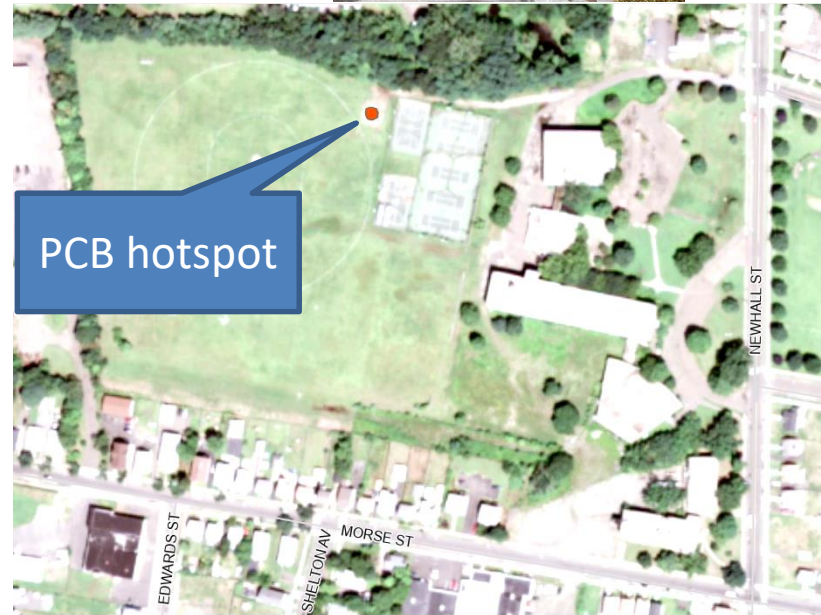
Three Remedial Action Plans (RAPs)

Project	DEEP Approval
PCB Focused Remediation	September 2013
Former Community Center	January 2015
Site-wide (Middle School & Housing Authority)	October 2016



PCB Focused Remediation

- Apr-May 2014
- 112 tons PCB contaminated soil excavated
- Transported to licensed landfill in upstate NY



Summer 2014 NAIP

Former Hamden Community Center

- Apr–May 2015
- Remedial design conformed to proposed HEDC site redevelopment footprint
- Paving by HEDC in 2019 completed remediation
- Grand opening of BOROUGH496 business center and incubator held Dec 2019



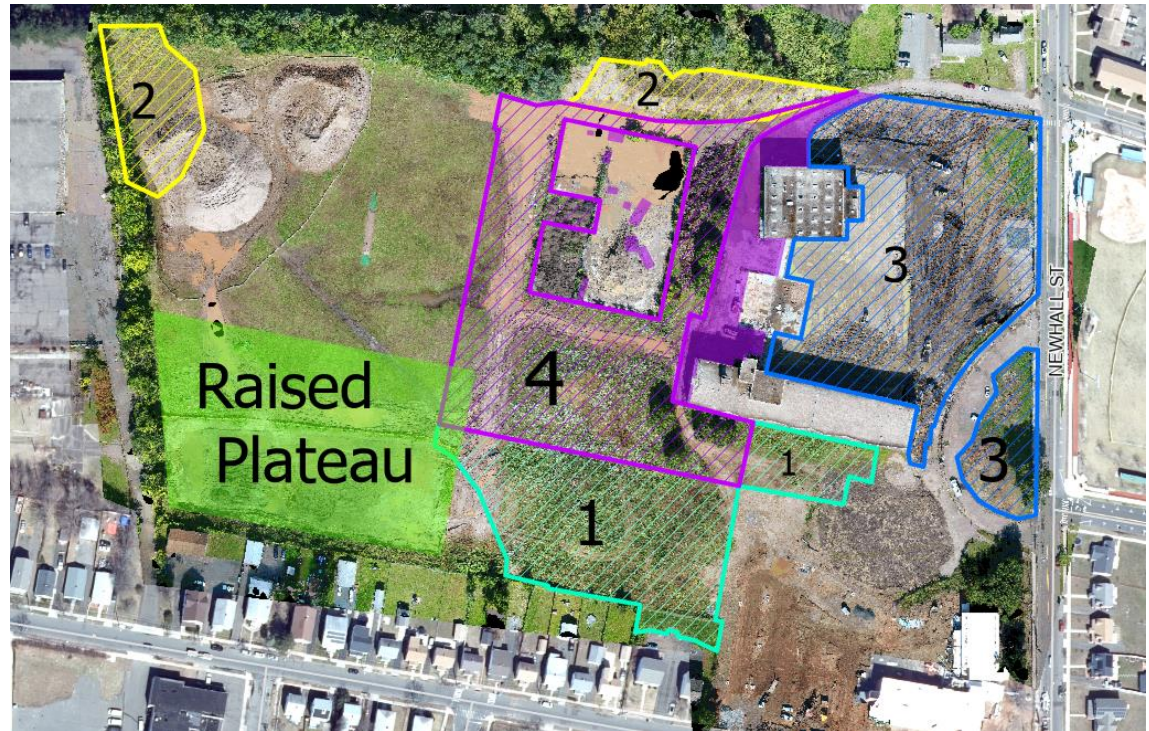
Spring 2016 CT ECO



Phased Site Wide Remediation

Dec 2017- May 2020

- Four phases
- Four contractors
- “Soccer Field”
- Imported:
 - ~44K cy clean fill
 - ~3.5K cy topsoil
 - ~5K cy water treatment residuals



Oct 2018 drone image

Phase 4: Final completion at last!



August 2019 drone image



May 2020

Remedial Costs

Fiscal Year	Cost	Tasks
FY2014*	\$162,300	PCB Focused remediation, AC/APS & VOC submittals, remedial investigations & Community Center RAP
FY2015	\$289,000	Community Center RAP & remediation, reporting
FY2016	\$115,000	Site-wide RAP and field investigations
FY2017	\$561,000	Phase 1 remediation
FY2018	\$651,000	Phase 2 remediation, clean fill, Phase 3-4 preparation,
FY2019	\$1,516,000	Clean fill, Phase 3 remediation, ELUR
FY2020	\$856,000	Phase 4 remediation, paving, ELURs
FY2021 (projected)	\$120,000	ELURs, Groundwater monitoring, reporting
TOTAL	\$4,270,300	

*FY2014 \$162,300 recognized as an expense. Balance of \$4,108,000 as reserve.

Estimated Savings



- 2009 Groundwater classification change GA to GB
 - GA more costly remedy, financial assurance required, long-term monitoring obligations
- 2013 DEEP approval of VOC compliance demonstration
 - \$500,000 +/- savings
- Authority bid waiver for clean fill & topsoil (based on prices paid vs. comparison with remedial contractor quotes):
 - Clean fill: \$1,200,000
 - Top soil: \$92,000
- RWA treatment residuals (topsoil blending): \$215,000



What's Left?

- Environmental Land Use Restrictions (ELURs)
 - Four properties, three owners
 - Executed by owners
 - Subordination agreements with easement holders
 - DEEP approval required
 - Filed on town land records
- Final Closure Report with groundwater monitoring plan (DEEP approval required)
- Post-remediation groundwater monitoring

Acknowledgments

- Michael Manolakas
- Amy Velasquez, RWA
- Dale Kroop



RWA Environmental, Health, and Safety Committee FY2021 Work Plan

The Committee shall review, provide oversight of and monitor (a) the RWA's environmental, health and safety policies, practices and actions; (b) trends and emerging issues at the legislative, regulatory and judicial levels concerning environmental, health and safety issues that affect the RWA, along with its positions and responses with respect thereto; and (c) Maintain an explicit, visible and communicated commitment to Business Continuity/Emergency Preparedness.

June 2020

Hamden Middle School remediation update
FY21 EHS Committee Work Plan

December 2020

Emerging Issues and Updates (TBD)
Deer Management Program Update
2021 Legislative Session Outlook

September 2020

AWIA Emergency Response Plan submission
FY20 Business Continuity Work Plan
Invasive Species Control Update

March 2021

Emerging Issues and Updates (TBD)
Health and Safety Initiatives Update
Environmental Compliance Update