

South Central Connecticut Regional Water Authority

90 Sargent Drive, New Haven, Connecticut

or

****Dial in by phone**

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AGENDA

Regular Meeting of Thursday, November 21, 2024 at 12:30 p.m.

- A. Moment of Silence
- B. Safety Moment
- C. Public Comment: Statements limited to the legislative function of the Authority. The time limit granted to each speaker shall be three (3) minutes. Residents may address the Board.
- D. Environmental, Health & Safety Committee: M. Ricoszi
 - 1. Approve minutes – August 22, 2024 meeting
 - 2. HazWaste Central Season End Update - Memorandum
 - 3. Lake Whitney Dam Design and Construction Update – Memorandum
 - 4. Regulatory Updates – PFAS and LSL
- E. Consent Agenda
 - 1. Approve minutes – October 24, 2024, November 7, 2024, and November 11, 2024 meetings
 - 2. Capital Budget Authorization - December 2024
 - 3. Monthly Financial Report – October 2024
 - 4. Accounts Receivable Update – October 2024
 - 5. Adopt schedule of Calendar Year 2025 regular board and committee meetings
- F. Reports on RPB Committee Meetings
- G. Finance: R. Kowalski
 - 1. Consider and act on the Preliminary Official Statement and Supplemental Resolution for the 39th Series Bond & Refunding
 - 2. Fiscal Year 2026 Budget Schedule
- H. Business Updates
 - 1. RWAY CIS Update: P. Singh
 - 2. *Monthly Business Highlights: R. Kowalski and S. Lakshminarayanan
 - a. Blue Drop Acquisition Update - *Upon 2/3 vote, convene in executive session pursuant to C.G.S. Section 1-200(6)(E) to discuss matters covered by Section 1-210(b)(5)(A)(B), pertaining to trade secrets and commercial and financial information.*
 - b. Discussion re personnel – *Upon 2/3 vote, convene in executive session pursuant to C.G.S. Section 1-200(6)(A), pertaining to personnel matters.*
- I. Strategic Planning Committee: S. Sack
 - 1. Approve minutes – June 27, 2024 meeting
 - 2. FY 2026 Strategic Process – *Upon 2/3 vote, convene in possible executive session pursuant to C.G.S. Section 1-200(6)(E) to discuss matters covered by Section 1-210(b)(5)(B), pertaining to commercial and financial information.*
- J. Act on matters arising from Committee meetings

****** Members of the public may attend the meeting in person or via conference call. For information on attending the meeting and to view meeting documents, please visit <http://tinyurl.com/3hhtm38z>. For questions, contact the board office at jslubowski@rwater.com or by calling 203-401-2515.

*RPB member (J. Oslander) will be excused at item H.2.

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

Minutes of the August 22, 2024 Meeting

A regular meeting of the Environmental, Health & Safety Committee of the South Central Connecticut Regional Water Authority (“RWA”) took place on Thursday, August 22, 2024, at 90 Sargent Drive, New Haven, Connecticut and via remote access. Chair Ricozzi presided.

Present: **Committee** – Messrs. Ricozzi, Borowy, Curseaden, and Ms. LaMarr
Management – Mss. Kowalski and Calo(R), and Messrs. Bingaman, Barger(R), Hill(R), Lakshminarayanan, and Singh
RPB – Mr. Levine(R)
Staff – Mrs. Slubowski

D. MEET AS ENVIRONMENTAL, HEALTH & SAFETY COMMITTEE

The Chair called the meeting to order at 12:37 p.m.

D.1 APPROVE MINUTES – MAY 23, 2024 MEETING

On motion made by Ms. LaMarr and seconded by Mr. Curseaden, the Committee voted unanimously to approve the minutes of its meeting held on May 23, 2024.

Borowy	Aye
Curseaden	Aye
LaMarr	Aye
Ricozzi	Aye
Sack	Absent

D.2 LEAD & COPPER RULE REVISIONS UPDATE AND WORK PLAN FOR PHASE 2, INCLUDING FUNDING

Mr. Lakshminarayanan, the RWA’s Vice President of Engineering & Environmental Services, and Mr. Barger, the RWA’s Water Quality Manager, provided an update on the Lead and Copper Rule Revisions, including an update on the inventory development, communications, and funding. They provided a status of the development of the comprehensive service line inventory and associated vacuum excavation.

They discussed the key benefits of drop off containers, including:

- confirmation of the success of the corrosion control program,
- practice of fifth-liter sampling protocols

Mr. Barger reported that updates are ongoing with towns and funding opportunities are being pursued. Communication with consumers continues through various channels.

Mr. Lakshminarayanan noted that they are working with the Drinking Water State Revolving Fund to maximize grant opportunities.

They reported that the compliance deadline for the submission of the inventory is October 14th, 2024. The inventory spreadsheet is on track to be submitted to the Department of Public Health by the deadline.

South Central Connecticut Regional Water Authority
Environmental, Health and Safety Committee
August 22, 2024

At 12:48 p.m., on motion made by Mr. Curseaden and seconded by Ms. LaMarr, the Committee voted to adjourn.

Borowy	Aye
Curseaden	Aye
LaMarr	Aye
Ricozzi	Aye
Sack	Absent

Mario Ricozzi, Chair

(R) = Attended remotely.

UNAPPROVED

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

To: Authority Environmental, Health & Safety Committee
 David J. Borowy
 Kevin J. Curseaden
 Catherine E. LaMarr
 Mario Ricoszi
 Suzanne C. Sack

Cc: Larry Bingaman, President & CEO
 Sunny Lakshminarayanan, VP, EES

From: Kevin Watsey, Director of Public Affairs

Date: November 1, 2024

Subject: 2024 Hazardous Waste Central Report

The 2024 HazWaste season opened on May 18th and concluded on October 26th. The season had a total of 7,610 households that utilized the program. That is a 7.66% increase from the 2023 season which had a total of 7068 households. This year’s satellite collection had an increase of 28.01% compared to 2023. Below is a chart representing the last five years of collections by household participation and by the amount of waste collected though the Conditionally Exempt Small Quantity Generator (CESQG) process.

Year	CESQG Waste Summary (lbs)	Number of Residential Households
2024	1,405	7610
2023	3,095	7068
2022	2,360	8555
2021	1,321	8850
2020	1,450	6743
2019	4,358	5727

*Household participation is calculated in increments of 15 gallons or 20 pounds of collected materials

Satellite collections were held in the following towns: Guilford, Orange, Fairfield, Woodbridge, Milford, and Meriden. Each satellite includes a single day collection event located at the corresponding municipal location, which makes household hazardous waste collection even easier for local residents.

HazWaste Satellite Participation by Town						
Town	2024	2023	2022	2021	2020	2019
Guilford	329.0	294.0	369	NA	NA	NA
Orange	267.5	147.5	222	NA	NA	NA
Woodbridge	67.5	18.5	46.5	NA	NA	NA
Meriden	102.0	135.5	36.5	NA	NA	NA
Fairfield	635.0	540.0	459.0	NA	NA	NA
Milford	123.0	55.0	115.0	NA	NA	NA
Madison	0.0	0.0	160.0	NA	NA	NA

*Prior to 2022, records for satellite collections were not distinguished from collections in New Haven

Each season we are audited for environmental compliance as part of our operating permit. The result of last year’s audit indicated that our three above-ground oil storage tanks had reached the end of their useful life and needed replacement. Using the program’s Capital Reserve Fund, all three were replaced in the Spring of 2024.

The audit also noted the need for significant repairs or full replacement of the roof that covers HazWaste Central’s collection infrastructure. With consultation from the program’s Municipal Planning Committee, a decision whether to repair or replace will be made in the offseason. Like the oil storage tank replacement project, all work on the roof will be paid for using funds from the Capital Reserve Fund.

Looking ahead, in order to increase the usefulness of our program 2025, we plan to discuss with our vendor, Clean Harbors, the expansion of the types of materials we collect, including prescription drugs. We will also evaluate the feasibility of additional satellite collections.

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To: Authority Environmental, Health & Safety Committee
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Kevin J. Curseaden
Catherine E. LaMarr
Mario Ricoszi
Suzanne C. Sack

Cc: Larry Bingaman, President & CEO
Sunny Lakshminarayanan, VP, EES
Rochelle Kowalski, VP & CFO

From: Larry Marcik, Capital Program Lead
Cody Savoy, Senior Project Engineer

Date: November 21, 2024

Subject: Lake Whitney Dam Update

The design has been advanced to 90% incorporating the upstream option and both internal and ECI (Early Contractor Involvement) contractor reviews have been completed. Currently, the design team is incorporating the input from these meeting to advance the design to 100% as well as getting submission ready for regulatory review.

In parallel, the RWA is also working with Integrated Delivery Services, the alternative delivery mechanism consultant, to update the contract documents as required to aid in the contractor selection processes, and once the documents are finalized, legal review of the documents is scheduled.

Regarding permits, the RWA has initiated discussions with the National Diversity Database (NDDDB) Dam Safety, Fisheries, and other agencies. One observation that was noted during the NDDB permit request was to conduct a plant survey of the project site. This survey was conducted, and it identified a plant, *Rumex maritimus*, which is a State-protected species. To protect it, the plant is to be grown in a greenhouse and subsequently replanted at an appropriate location.

The project anticipates having a temporary signal at the intersection of Whitney Avenue and Armory Street to improve safety for construction access and the traveling public. The initial design is being reviewed with the Town of Hamden and the CT DOT.

As part of other coordination activities, the RWA has been engaged in discussions with the various utilities regarding existing buried infrastructure to avoid potential conflicts and damage. Also, the team is working with electric and gas utilities to relocate/raise gas and power lines. Prior to construction, the

selected contractor will conduct pre-construction surveys to protect and relocate appropriate utilities as deemed necessary.

Also, the project team has identified the need for a potential permanent easement that runs through a portion of East Rock Park to access the side channel spillway on the eastern side of the dam. This land is owned by the City of New Haven. This will initially involve inventorying and cataloging potentially affected trees and developing a compensation plan to address any losses due to the construction of this access road. Meetings have been held with the city of New Haven officials to discuss this work and review the impacts.

Lead and Copper Rule & PFAS Updates

Environmental Health & Safety Committee

November 21, 2024



Lead & Copper Rule Improvements

- Published October 30, 2024 replacing the LCRR
- Compliance date for the LCRI is October 30, 2027
- Initial Service Line Inventory submitted on time (October 16, 2024)
- @ 8,000 Notification Letters sent within required 30-day time frame
 - Lead, Galvanized Requiring Replacement, Unknown

Primary Focus Areas

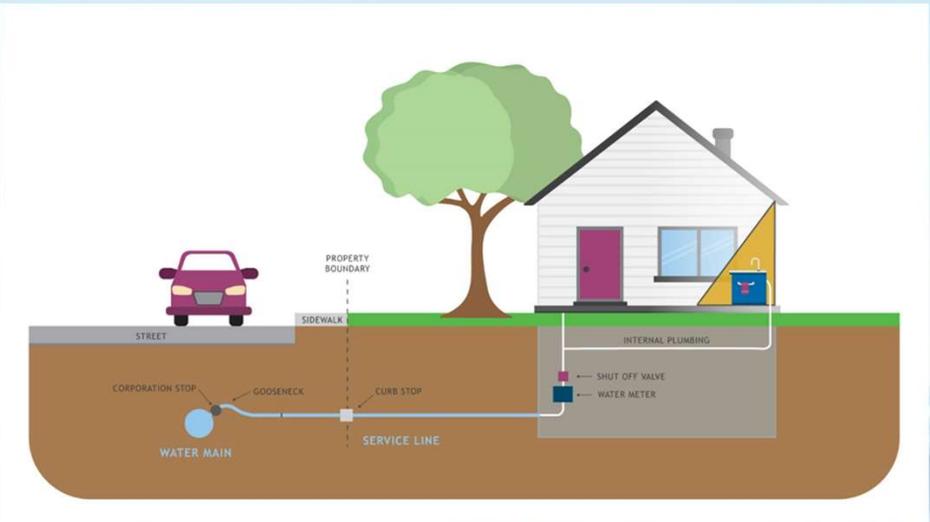
- Verify & Remove Lead service lines
- Further classify Galvanized Requiring Replacement Lines
- Convert Unknowns to Knowns and re-categorize
 - Self-assessment/QR code
 - Neighborhood canvassing with consultants/partners
 - Field Service Dept. in-home service line identification assistance
 - Continued identification via in-house departmental activities
 - Cross Connections, Metering, Construction

Focus Areas, continued

- Focus on New Haven and Milford
- Schools & Day Cares
 - Identify facilities whose service lines need verification – prioritize replacement
- Municipal Buildings & Yale
 - Will continue to self-identify their service lines to contribute to the Inventory

Lead Connectors (formerly Goosenecks)

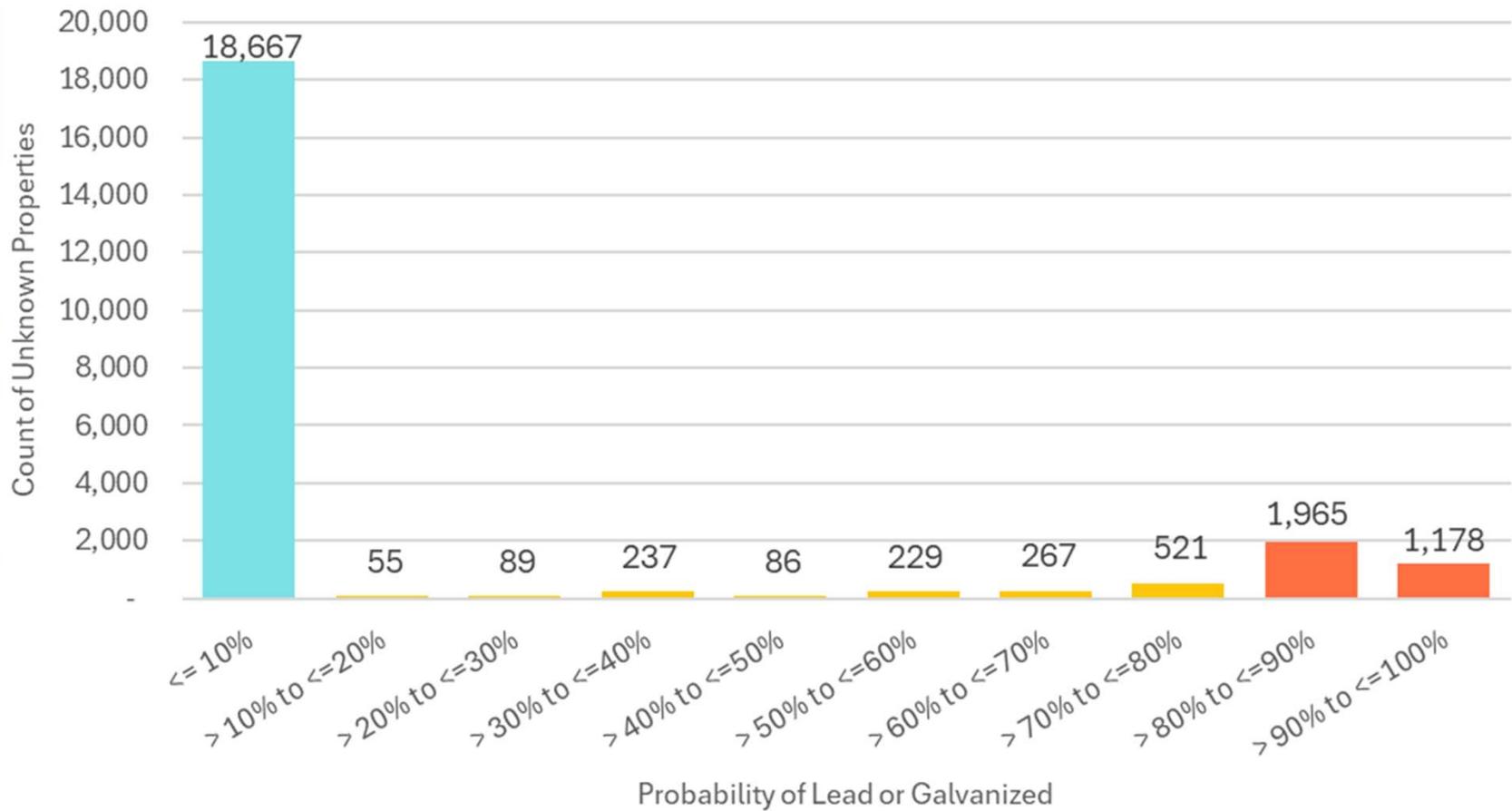
- LCRI categorizes Lead Connectors as lead lengths 36” or less
- Over 36 inches funding eligible



Machine Learning - Predictive Analysis

- Machine Learning uses known data to provide insights on what to expect in areas of data gaps
- As known data expands, machine learning data confidence is strengthened

Count of Unknown Properties (Including prior material conversions)



Final Lead & Copper Rule Challenges

- Validation of accuracy of machine learned service line identification required
- Issue of access/control related to service replacements on private property
 - Service line replacements - not contingent on compliance with Action Level
 - Service replacements required within 10 years
 - Action level reduced from 15 ug/L to 10 ug/L
- Sampling:
 - Compliance sampling pool based on verified lead services in a descending degree of urgency (lead > galvanized > copper)
 - Lead and Copper sampling requires 1st & 5th liter – higher lead value counts toward compliance – frequency of every 6 months for 2 year minimum
 - Potential corrosion control treatment changes
- Many expanded communication requirements – directed to residents

Next Steps

- Customer Interactions:
 - Evaluating additional scope of service
 - Ease impact on RWA staff
 - Maximizes DWSRF funding opportunities
- Use multimedia approach to reach maximum number of customers to promote inventory development
- Prioritize service line replacement for qualifying service lines
- Initiate activities in New Haven and expand to other municipalities
- Continue to seek out funding opportunities to reduce financial impact to RWA customers.

PFAS - Update

- UCMR 5 Sampling completed June 2024
- Current monitoring follows compliance cadence with data posted to website
- Piloting treatment options and sources
- Class Action Suit Continues
- Lab working on additional PFAS certifications