

**South Central Connecticut Regional Water Authority**  
Via Remote Access\*\*

**AGENDA**

**Regular Meeting of Thursday, May 26, 2022 at 12:30 p.m.**

- 
- A. Safety Moment
  - B. Meet as Audit-Risk Committee: C. LaMarr
    - 1. Approve Minutes – February 24, 2022 meeting
    - 2. Risk Management Update: D. Verdisco and A. Schenkle
    - 3. 2023 Committee Work Plan
  - C. Meet as Environmental, Health & Safety Committee: K. Curseaden
    - 1. Approve Minutes – March 31, 2022 meeting
    - 2. New Streamflow Standards: W. Henley
    - 3. Health & Safety Initiatives Update: D. Verdisco and A. Schenkle
    - 4. Environmental Compliance Update: D. Verdisco and A. Schenkle
  - D. Act on matters arising from Committee meetings
  - E. Consent Agenda
    - 1. Approve Minutes – April 28, 2022
    - 2. Capital Budget Authorization - June 2022
    - 3. Capital Budget Transfer Notifications (no action required) – June 2022
    - 4. Consider and act on exemptions from public bid for FY 2023
    - 5. Monthly Financial Report –April 2022
    - 6. Accounts Receivable Update – April 2022
    - 7. Derby Tank Update
  - F. Finance: R. Kowalski
    - 1. Consider and act on resolution authorizing interim funding obligations and project loan obligations for the West River Water Treatment Plant Improvements
  - G. Updates: L. Bingaman
    - 1. COVID Update: D. Verdisco
    - 2. Monthly Board Letter Highlights: L. Bingaman
  - H. Reports on RPB Committee Meetings
  - I. \*RPB Project Application – Application for Approval to the Representative Policy Board for a Project to Implement a Comprehensive Customer Information System Solution: D. Bochan
    - 1. Presentation and discussion regarding Application – Including Executive Session
    - 2. Consider and act on Application approval for submission to Representative Policy Board (RPB)
    - 3. Affidavit of Mr. Singh regarding confidential information within said Application
    - 4. Motion for Protective Order for confidential information within said Application
    - 5. Protective Order concerning confidential information within said Application for submission to the RPB

[RECESS AUTHORITY MEETING TO ATTEND RPB MEETING]

- J. Approve FY 2023 Budget and authorize filing with Trustee

*\*RPB Member (J. Jaser) will be excused at item I*

**\*\*** Members of the public may attend the meeting via remote access. For information on attending the meeting and to view meeting documents, please visit <https://tinyurl.com/3mp2h37x>. For questions, contact the board office at [jslubowski@rwater.com](mailto:jslubowski@rwater.com) or call 203-401-2515.

**South Central Connecticut Regional Water Authority**  
*(Including Audit-Risk and Environmental, Health & Safety Committee Meetings)*  
Regular Meeting  
Thursday, May 26, 2022 at 12:30 p.m.

**Call in (*audio only*)**

[+1 469-965-2517,,775517640#](tel:+14699652517775517640) United States, Dallas

Phone Conference ID: 775 517 640#

For questions contact the board office at 203-401-2515 or by email at [jslubowski@rwater.com](mailto:jslubowski@rwater.com)

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

**Minutes of the March 31, 2022 Special Meeting**

A special meeting of the Environmental, Health & Safety Committee of the South Central Connecticut Regional Water Authority took place on Thursday, March 31, 2022, at 90 Sargent Drive, New Haven, Connecticut and via remote access. Chairman Curseaden presided.

Present: Committee – Messrs. Curseaden and Borowy, and Mss. LaMarr and Sack  
Management – Mss. Kowalski, Smith, Verdisco and Vitagliano, and Messrs. Barger, Bingaman, Courchaine, and Singh  
RPB – Mr. Slocum  
Staff – Mrs. Slubowski

The Chair called the meeting to order at 12:40 p.m.

On motion made by Ms. Sack, seconded by Mr. Borowy, and unanimously carried, the Committee approved the minutes of its meeting held on November 18, 2021.

|           |        |
|-----------|--------|
| Borowy    | Aye    |
| Curseaden | Aye    |
| DiSalvo   | Absent |
| LaMarr    | Aye    |
| Sack      | Aye    |

Mr. Barger, the RWA's Water Quality Manager, provided a Lead & Copper update, which included current activities, next steps, and proposed timeline and discussed funding with Authority members.

Ms. Smith, the RWA's Natural Resources Analyst, provided a Deer Management program summary for 2021. She reported that the RWA received 304 applications. Due to the level of interest, participants were selected randomly through a lottery. Interest is already high for the 2022 program. The hunt occurred over four properties. Totals reported 34 deer in all, with nine being does. The highest percentage of bucks were from the Lake Gaillard property. Ms. Smith also discussed the safety protocols and additional modification to add an emergency descent device for the 2022 program. At 12:50 p.m., Ms. Sack withdrew from the meeting.

Ms. Vitagliano, the RWA's Government and Public Relations Specialist, provided an update of the 2022 Legislative Session outlook, which included:

- Legislative landscape
- Meeting format
- Executive summary and key topics
- RWA, relevant water utility, and other priority bills

At 1:21 p.m., Mss. Smith and Vitagliano, and Mr. Barger withdrew from the meeting.

The committee reviewed its FY 2023 work plan.

At 1:24 p.m., on motion made by Ms. LaMarr, seconded by Mr. Borowy, and unanimously carried, the meeting adjourned.

South Central Connecticut Regional Water Authority  
Environmental, Health & Safety Committee  
March 31, 2022

**UNAPPROVED DRAFT**

|           |        |
|-----------|--------|
| Borowy    | Aye    |
| Curseaden | Aye    |
| DiSalvo   | Absent |
| LaMarr    | Aye    |
| Sack      | Absent |

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Kevin Curseaden, Chairman

A close-up photograph of a person's hand holding a small, spotted fish, likely a trout or salmon, in clear water. The fish has a brownish-gold body with numerous yellow and orange spots. The hand is positioned behind the fish, with fingers spread. The background shows the ripples of the water and some green foliage.

# **New Streamflow Standards: DEEP Requirements & Path to Compliance**

**William Henley**  
***Senior Aquatic Resource Scientist***

# Regulatory Goals

- Release water below dams to maintain downstream ecosystems
  - Oxygenate downstream areas
  - Maintain habitat availability
  - Critical for periods where reservoirs are not spilling
- Match flow characteristics of incoming watercourses





# New Regulations



- Existing regulations implemented in 1979
- New regulations adopted 2011
  - Utilize scientific advances since 1979 to guide regulations
  - Protracted negotiations 2006-2011



# New Regulations

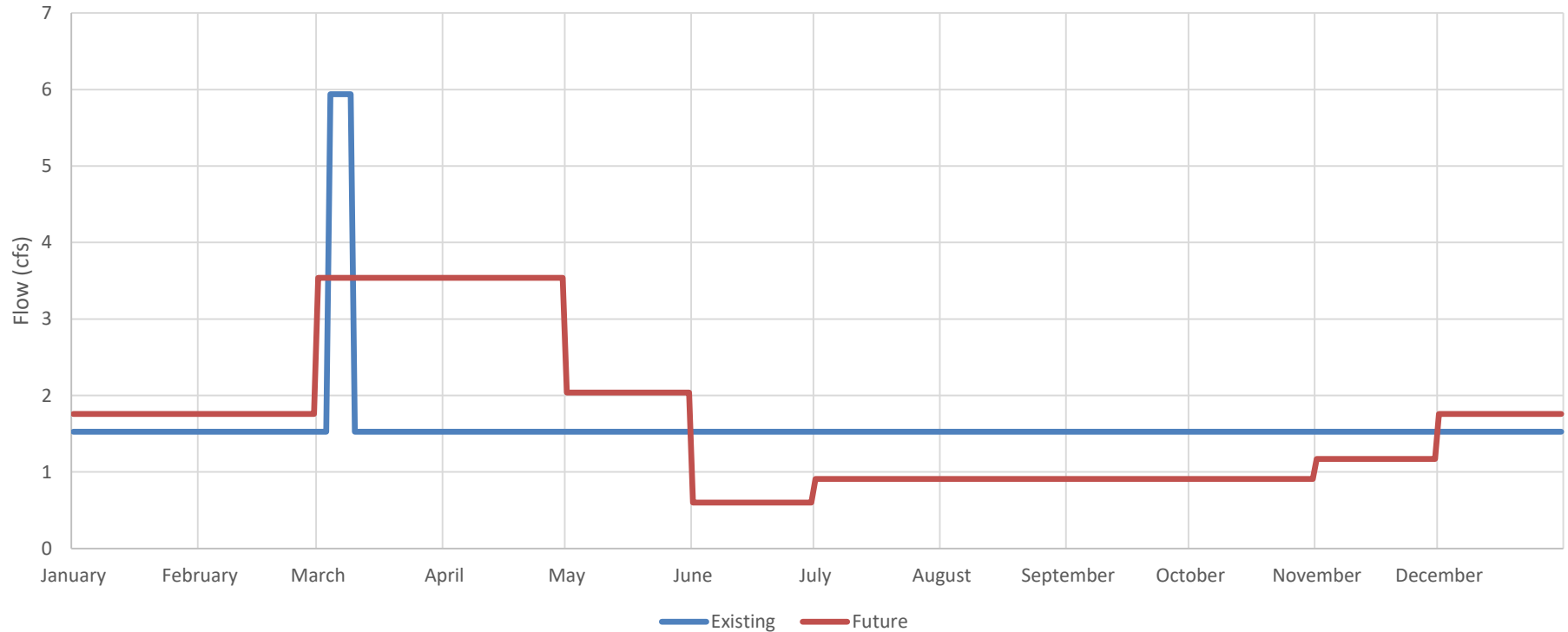


- New regulations designed to better balance human-ecosystem needs
  - Large Reservoirs: seasonal variability in release
  - Small reservoirs: consistent baseline release
  - Small impoundments: exception
  - Drought “off ramps”



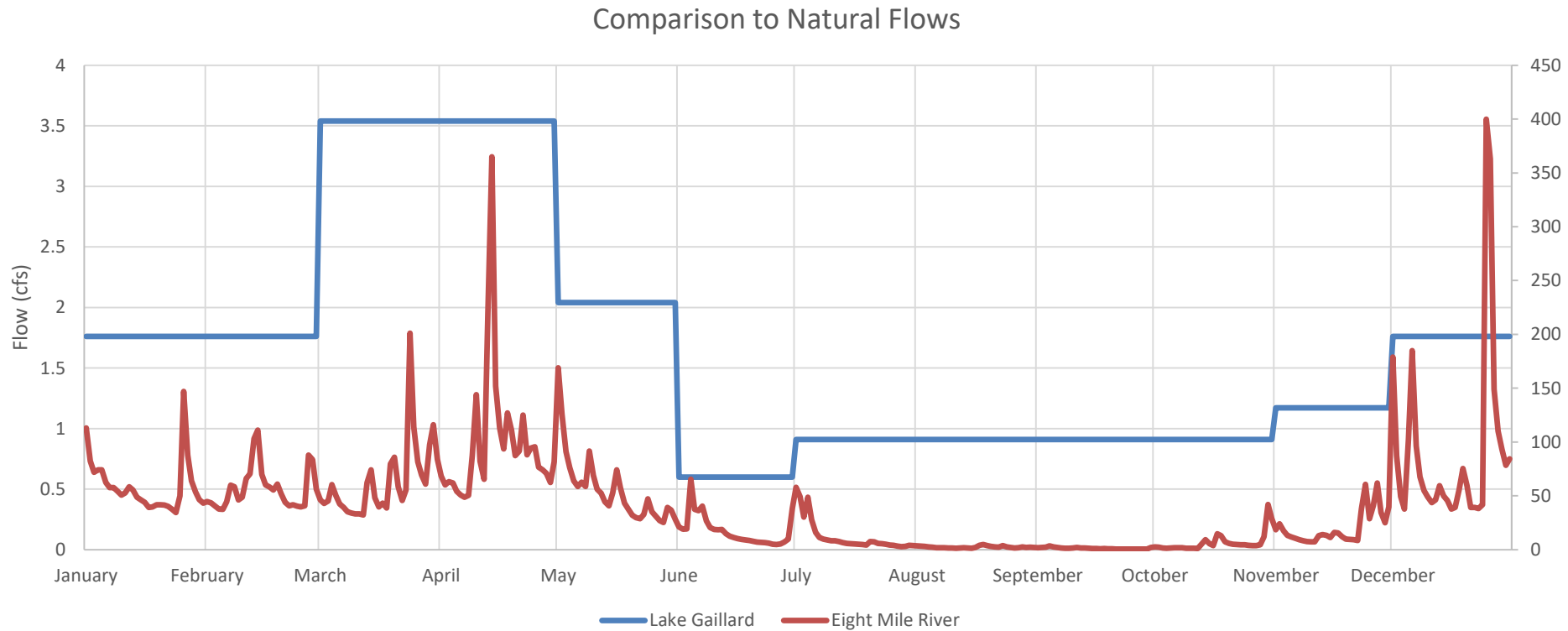
# Purpose: Mimic Natural Flows

Lake Gaillard Downstream Release





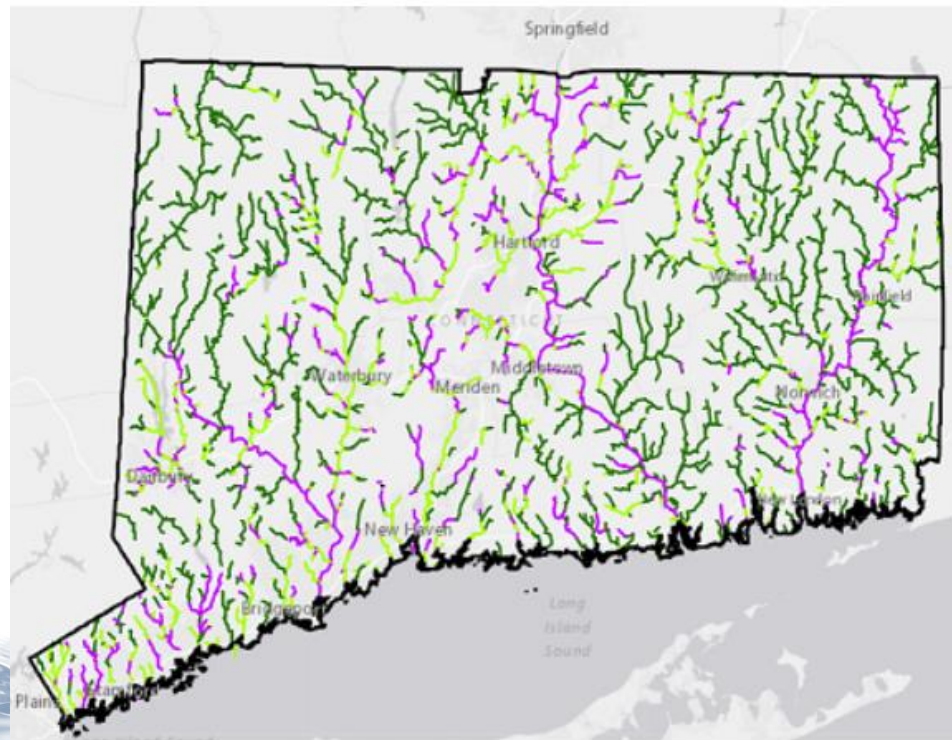
# Purpose: Mimic Natural Flows



# RWA Implementation

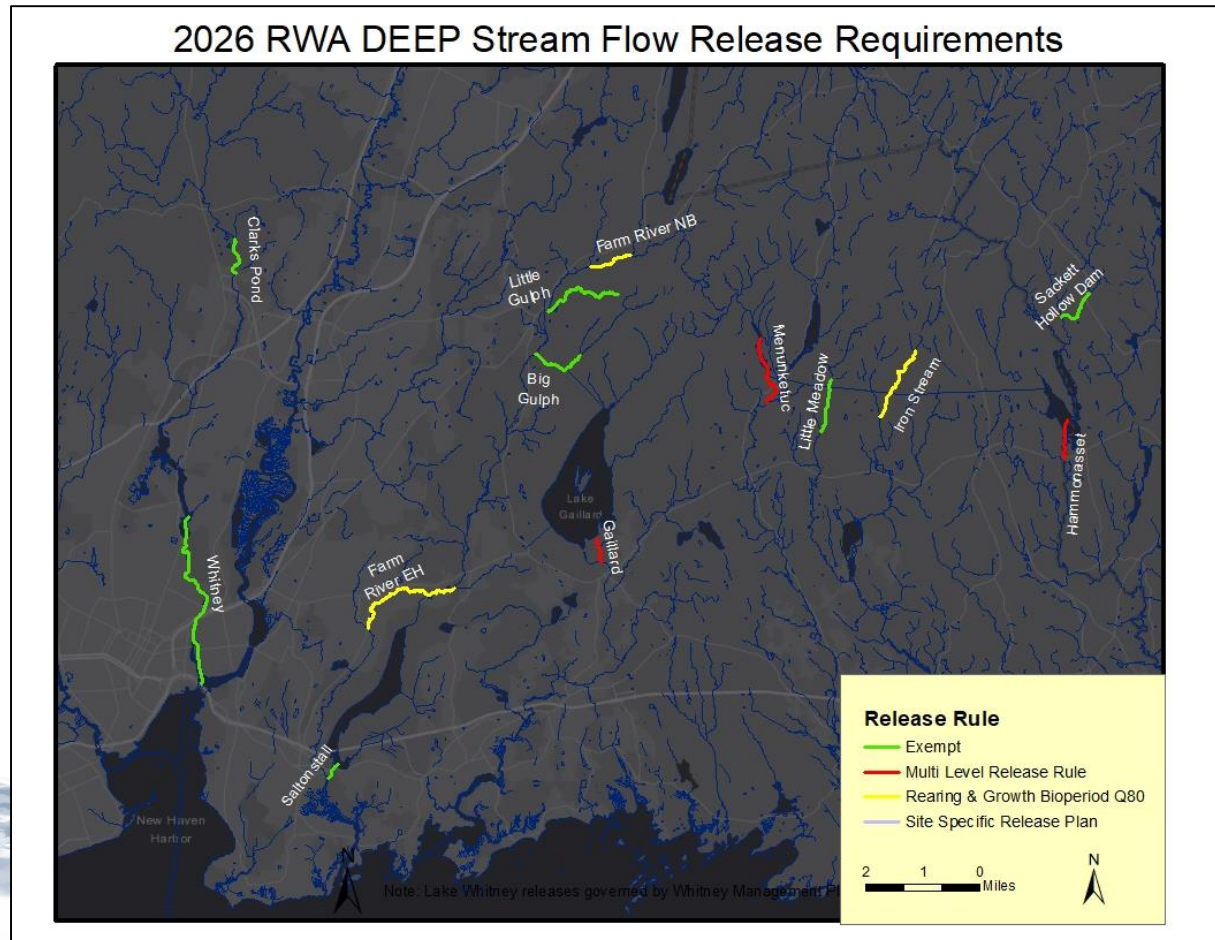
- Stream Classification in 2016
- Plan of release in 2025
- Begin new release regime in 2026

Connecticut Stream Flow Classifications



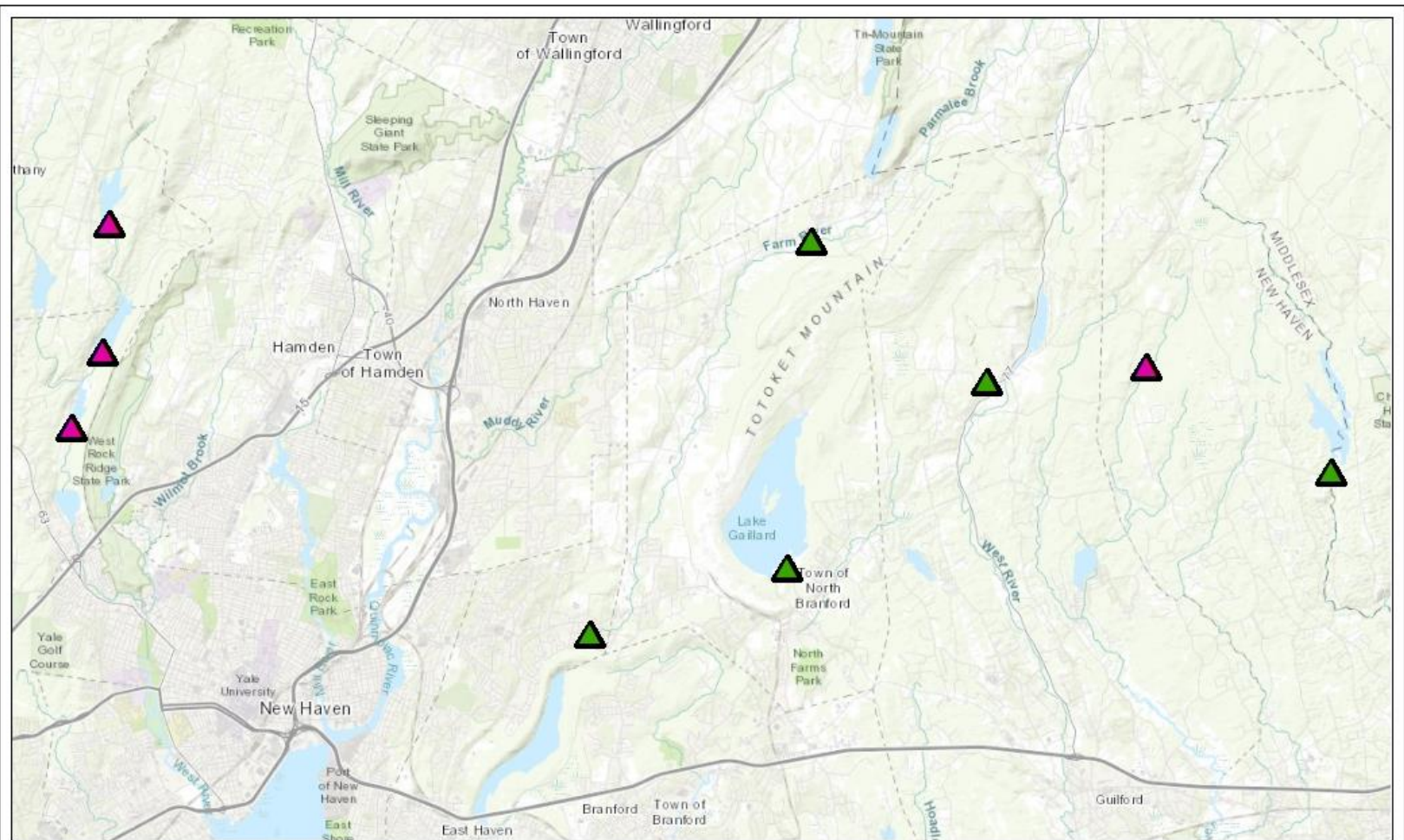
# RWA Implementation

- 9 Dams requiring release in 2026
- 5 Dams currently making release under existing regulations





# Downstream Release Sites



Location and Status of  
SCCRWA Downstream  
Release Sites

## Status



No Improvements



Capital Improvements

2.5

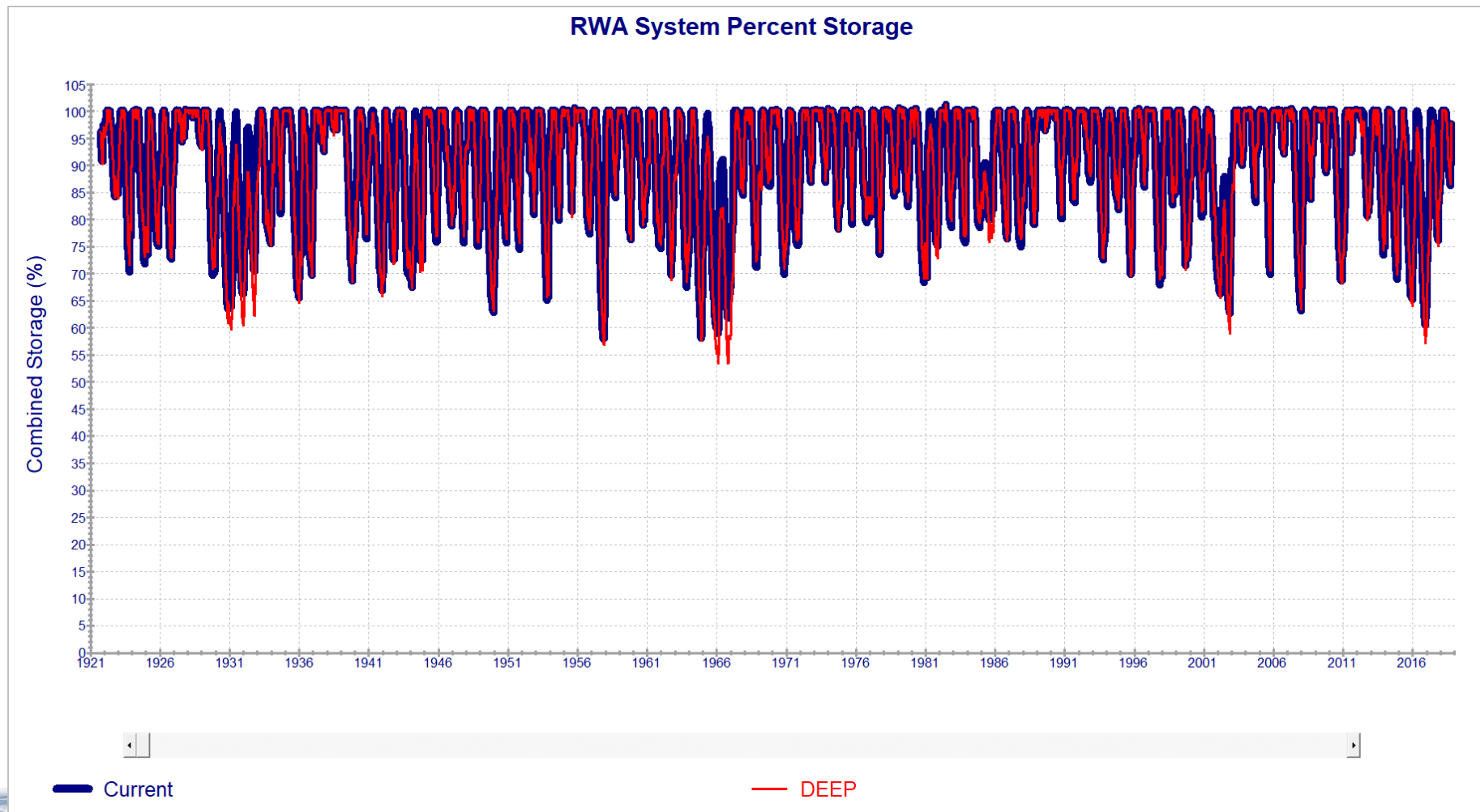
Miles



Regional Water Authority

Utilizes USGS Topographic Base Layer. Map intended for planning purposes only. contains no authoritative data.

# Study of Impact on System Reliability





# Capital Improvements





# Capital Improvements





# Conclusions

- Full Implementation September 2026
- Capital improvements completed FY22
- Forward looking approach allows for significant lead time
- Adequate supply to meet future demands





# Thanks!



# **Regional Water Authority Board Environmental, Health & Safety Committee**

Health & Safety Update  
May 26, 2022



**Donna Verdisco**  
CHRO & Head of Corporate Services

**Amanda Schenkle**  
Manager, Environmental Health, Safety & Risk

# AGENDA

FY2022 Goals & Objectives Update

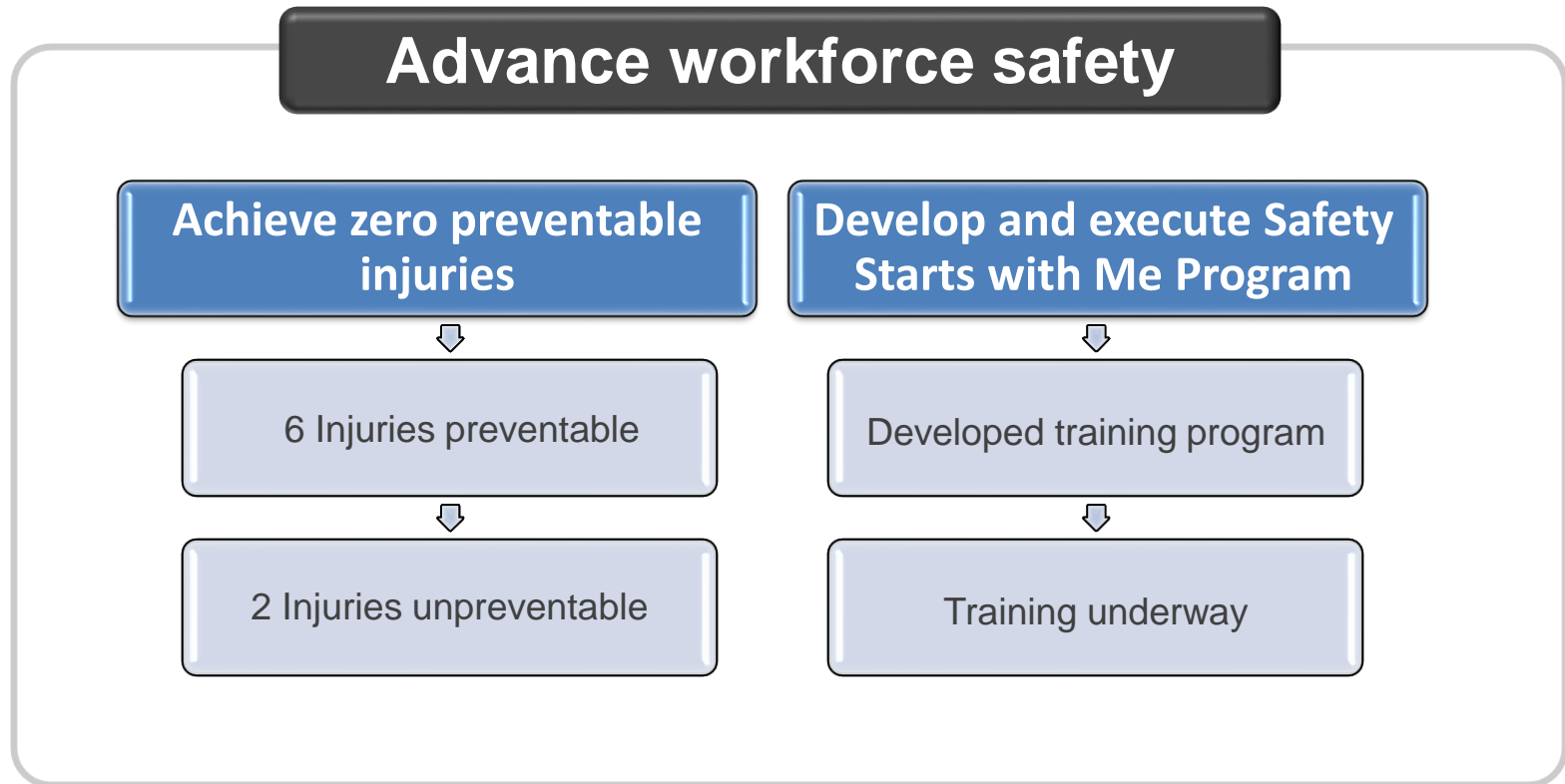
Overview of Safety Starts with Me

Zero Injury Goal & Injury Statistics

COVID-19 Update

Summary & Next steps

# Goals & Objectives Update





# Overview “Safety Starts with Me” Program

**Safety Starts with Me** provides practical training to help employees avoid injuries caused by human factors that are involved in the majority of incidents and injuries. This training has stressed that safety is everyone’s responsibility at the RWA and can be achieved by thinking about our own safety and the safety of those around us.

## **At the end of the training employees are able to**

- Prevent workplace injuries and illnesses
- Improve compliance with OSHA
- Increase awareness of the importance of a “safety culture”
- Address workplace safety concerns

## **Key progress / deliverables**

- Piloted training with Corporate Services Division March 2022
- Rolled out to all RWA employees in April with a goal of 100% participation
- Currently achieved 125 participation representing 48% completion



# Zero Injury Goal

## 6 out of 8 Injuries Preventable in FY2022

### Cause of Preventable Injuries:

- Strain/Sprain (3)
- Slip and Falls (2)
- Hand Tool Safety (1)

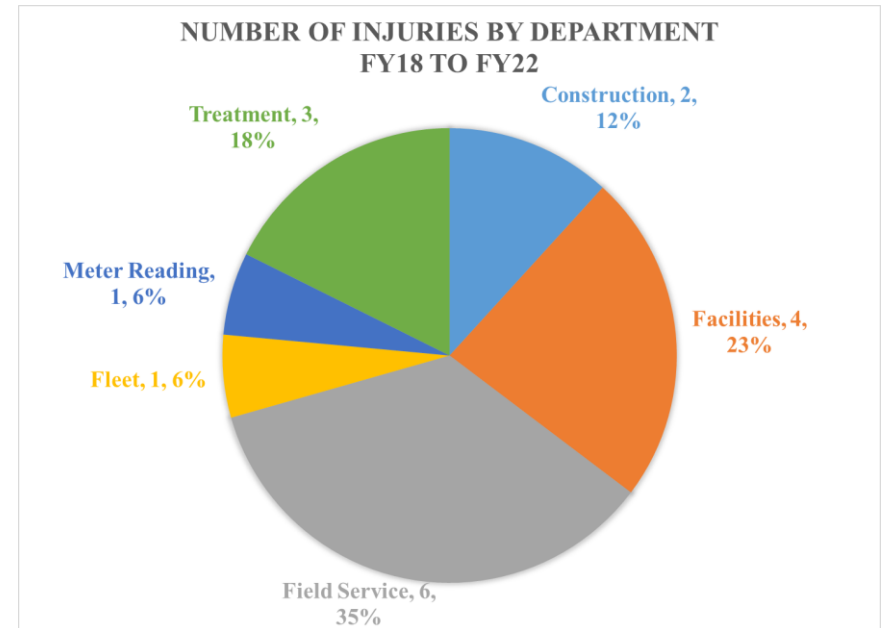
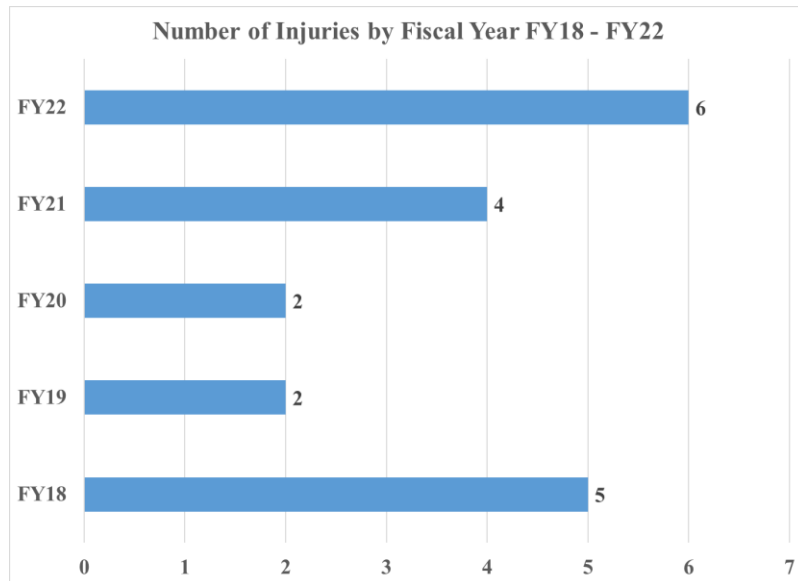
### Cause of Non-Preventable Injuries:

- Strain (MVAs) (2)

### Ongoing plans and correction actions

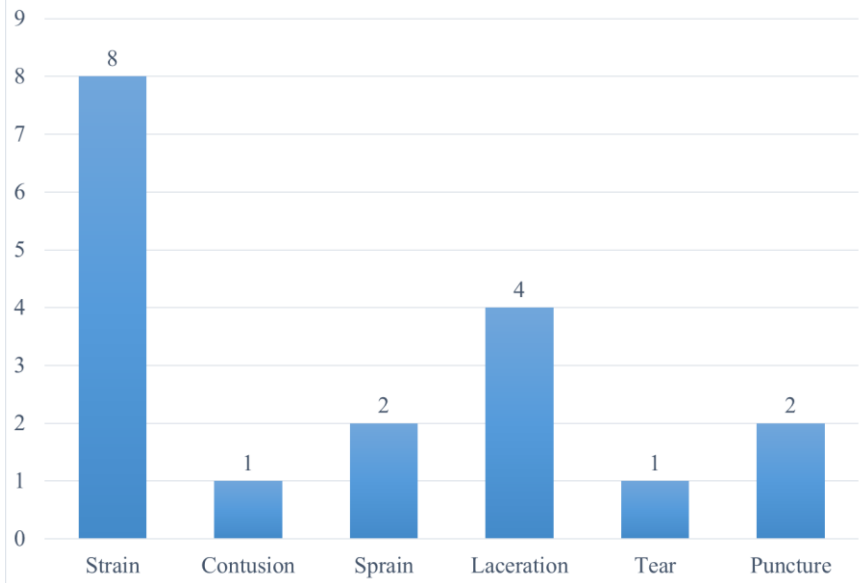
- Continue to deliver ongoing **Safety and Compliance training** curriculum
- Conducted **Winter walking safety training** to Water treatment & Facilities
- **Toolbox Talks** to all departments at risk
- Conducted **PPE** checks
- Developed SOPs for heated front walk ways

# Injury Statistics FY 2018 - 2022

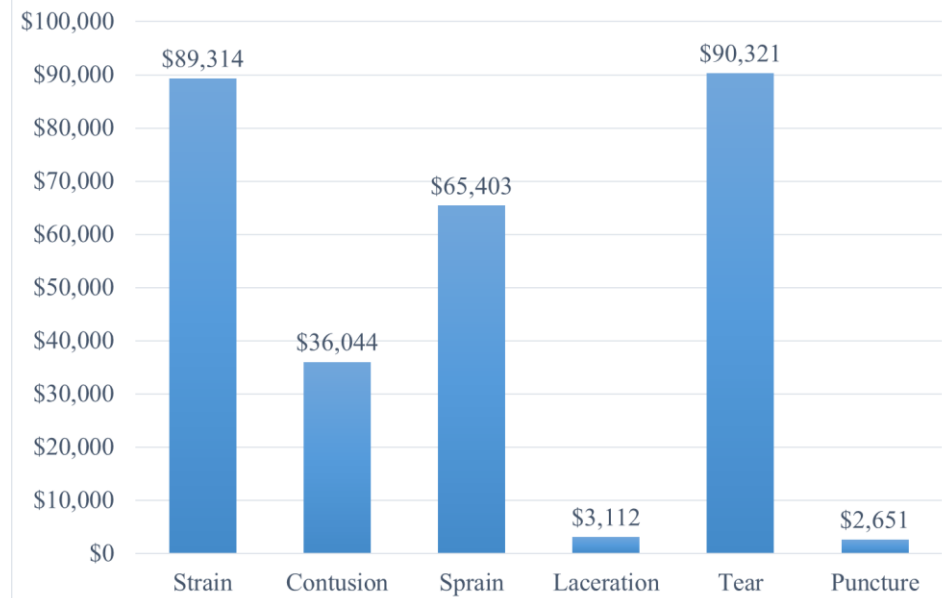


# Injury Statistics FY 2018 - 2022

Number of Injuries by Type FY18 to FY22

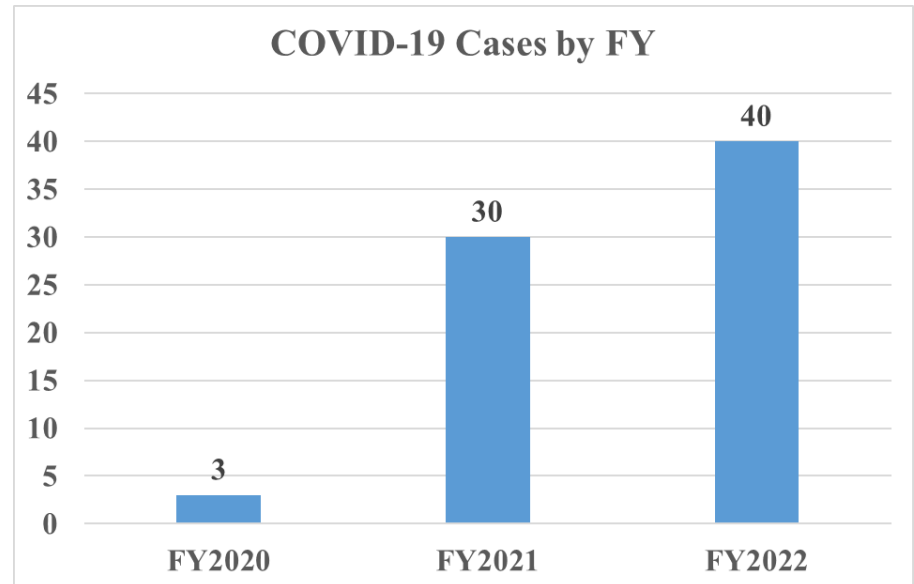


Costs Incurred by Injury Type  
FY18 to FY22



# COVID-19 Update

- Uptick in positive cases in workforce with most recent wave
- 1 customer impact case
- Work from home has aided in isolating exposures
- Sanitizing still priority in facilities
- Vaccination rate 85%
- Hybrid Model 3-2 as of 2/7/22
- Masks removed as of 3/7/22



# Summary & Next Steps

On track to complete Safety Starts with Me Training for FY2022

Continuing prevention measures to reach zero preventable injuries goal for 2025

FY2023 plan: Introducing Near Miss reporting program improvement

- Providing access to digital reporting
- Increasing communication of Near Miss reports
- Corrective Action improvement



# QUESTIONS?



# **Regional Water Authority Board Environmental, Health & Safety Committee**

Environmental Compliance Update  
May 26, 2022



**Donna Verdisco**  
CHRO & Head of Corporate Services

**Amanda Schenkle**  
Manager, Environmental Health, Safety & Risk

# AGENDA

Overview of RWAs Environmental Compliance

Significant Industrial User Permit

Beneficial Use Determination Permit

Ozone Monitoring Whitney WTP

Summary & Next steps



# Overview of RWAs Environmental Compliance

Keep the company safe through strong Risk and Compliance controls

- **Chemical storage reporting** is provided to the state on a monthly basis
- **Site remediation plans** to clean up spills and remediate contaminations in the ground
- Ensure correct permitting for **wastewater discharges** and reporting to DEEP
- **Ozone notification** adhering to DEEP requirements
- Ongoing planning, testing, notification and disposal of **hazardous building materials**
- Comply with Resource Conservation and Recovery Act (RCRA) in recording **hazardous waste management**
- **Compliance with new regulations** such as DEEPs “Salt Applicator Training and Commercial Applicator Registration Program”
- Ongoing review of **RWA projects** for all environmental compliance concerns

# Significant Industrial User Permit

The Significant Industrial User GP (SIU GP) authorizes discharges of metal finishing wastewater, process wastewater, or non-process wastewater to a Publicly Owned Treatment Works. CT DEEP made changes to the permitting process in 2020 which effected Gaillard Water Treatment Plant.

- Site Visits for application process completed April 2021
- Submitted permit application in May 2021
- Pending DEEP approval

## Discharge updates

- Sewer flows have been increasing at Gaillard due to the conditions of the clarifiers
- Requested an increase in our sewer discharge limit from North Branford WPCA



# Beneficial Use Determination Permit

Beneficial use means using a solid waste from a manufacturing process as an effective substitute for a commercial product.

- RWA has had a Beneficial Use Determination (BUD) from DEEP since 2012
- BUD allows us to distribute alum residuals to local landscapers to be blended with soil or compost as a topsoil amendment
- RWA has received tentative approval for renewal of our BUD (currently in comment period, no comments expected)
- BUD saves RWA from paying for disposal of this material which would cost over \$100,000 per year



# Ozone Monitoring Whitney WTP

In March 2021, an ozone leak was detected at Whitney WTP. The leak was detected early on preventing any exposures or injuries to employees or suppliers. Corrective actions were implemented and the ozone system was returned to service on April 22, 2022.

## Corrective Actions

- Adding ambient monitors and portable monitors for ozone detection
- Sealing hatches to DAF room deck
- Increasing vacuum pressure in ozone contactors (per Tighe & Bond approval)
- Rebalancing HVAC to create less pull on ozone contactors

## EHS&R Actions

- Upon return to service, a small leak was detected in one of the valves and immediate repairs were made
- Portable monitors were used throughout plant in case of additional leaks
- Air Quality testing completed 5/5/22
- Safety Audit of WTP and ozone system completed 5/5/22

# QUESTIONS?

