

South Central Connecticut Regional Water Authority
Via Remote Access**

AGENDA

Regular Meeting of Thursday, September 17, 2020 at 12:30 p.m.

- A. Safety Moment
- B. RWA Blue Sky Authority Feedback – Including Executive Session: G. Buccini
- C. Meet as Audit-Risk Committee: J. Cermola
 - 1. Approve Minutes – May 21, 2020 meeting
 - 2. Review FY 2020 Audit Results – Including Executive Session: J. Aniskoff and R. Nossek
- D. Meet as Environmental, Health & Safety Committee: K. Curseaden
 - 1. Approve Minutes – June 18, 2020 meeting
 - 2. New Environmental, Health, Safety and Risk Department: A. Schenkle
 - 3. FY 2021 Business Continuity Work Plan: T. Norris
 - 4. AWIA Emergency Response Plan submission: T. Norris
 - 5. Invasive Species Control Update: J. Tracy
- E. Consent Agenda
 - 1. Approve Minutes – August 20, 2020 meeting
 - 2. Capital Budget Authorization - October 2020
 - 3. Capital Budget Transfer Notifications (no action required) – October 2020
 - 4. Key Performance Indicators
 - 5. Accounts Receivable Update – August 2020
 - 6. RPB Dashboard Report
 - 7. Derby Tank Update
 - 8. North Cheshire Update
- F. Finance: R. Kowalski
 - 1. Quarterly Financial Reports
- G. RPB Committee Assignments and Reports on RPB Committee Meetings
- H. Updates: L. Bingaman
 - 1. COVID-19: B. Nesteriak and R. Kowalski
 - 2. Other: L. Bingaman
 - 3. North Cheshire Diversion Permit – Including Executive Session: T. Norris
- I. Land Use Plan Amendment for modifications of the Procedure for Future Renewable Energy Resource Projects: T. Norris and A. Velasquez
- J. Meet as Non-core Business Committee: D. Borowy
 - 1. Approve Minutes – June 11, 2020 meeting
 - 2. Non-core update – Including Executive Session: B. Nesteriak and P. Singh
 - 3. Non-core White Paper – Including Executive Session
- K. Act on matters arising from Committee meetings

L. Executive Session to discuss personnel matters

******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 member (N. Campbell) should be excused at Item H.3*

Topic: Authority September Meeting (Including Environmental, Health & Safety Meeting)

Time: Sep 17, 2020 12:30 PM Eastern Time (US and Canada)

Join 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 (Germantown)

+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: 860 9584 1819

Passcode: 955591

Find your local number: <https://us02web.zoom.us/j/keaOcFZ8d7>

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

**Minutes of the June 18, 2020 Meeting
Via Remote Access**

A regular meeting of the Environmental, Health & Safety Committee of the South Central Connecticut Regional Water Authority (“RWA”) took place on Thursday, June 18, 2020, via remote access. Chair Curseaden presided.

Present: Committee –Messrs. DiSalvo, Borowy, Cermola, Curseaden, and Ms. Sack
Management – Mss. Discepolo, Kowalski, Nesteriak, and Messrs. Bingaman, Hudak, and Norris
RPB – Mr. Rescigno
Staff – Mrs. Slubowski

The Chair called the meeting to order at 12:31 p.m.

On motion made by Ms. Sack, seconded by Mr. DiSalvo, the Committee voted unanimously to approve the minutes of the its meeting held on March 19, 2020.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Mr. Hudak, RWA’s Environmental Planning Manager, provided an update of the Former Hamden Middle School Remediation Project, which included:

- Background
- Contamination Report
- DEEP Consent Order
- Non-RWA Projects
- RWA Remediation & CT Remediation Regulations
- Action Plans and Focused Remediation
- Phases of Remediation
- Costs and Savings
- Final Steps

At 12:55 p.m., Mr. Hudak withdrew from the meeting.

The Committee reviewed its FY 2021 work plan.

At 1:00 p.m., on motion made by Mr. Cermola, seconded by Mr. Borowy, and unanimously carried, the Committee voted to adjourn.

Borowy	Aye
Cermola	Aye
Curseaden	Aye
DiSalvo	Aye
Sack	Aye

Kevin Curseaden, Chairman

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

September 17, 2020

Update on Environmental Health and Safety Initiatives



**Amanda Schenkle
Manager of Environmental Health, Safety and Risk**

Agenda

- Review of new department
- Key Focus Areas FY21
- Philosophy of Safety
- Strategic Roadmap



Environmental Health, Safety and Risk Department



Key Focus Areas of EHS&R



Safety as a Philosophy

- Prevention of all work place injuries and accidents are obtainable (Zero Injury Goal)
- We strive to be better than compliant
- Our employees are the largest and greatest asset to the Authority
- Proper and thorough training is necessary to do the job right
- All levels of the organization are responsible for safety
- Every job should be done safely, or not at all

Safety First is Safety Always

Strategic Initiative Roadmap

Tell the Story

Share safety wins and near misses throughout the organization.

Improve our Near Miss reporting to proactively address potential hazards.

Prioritize Safety

Increase employee and supervisor safety dialogue

Continually improving on our Risk Mitigation efforts



Strategic Initiative Roadmap (Continued)

Hazardous Materials Awareness

New Renovation Policy to address potential Environmental safety hazards in building materials (HBMs)

Update staff on HBMs through education materials and post compliance notices

HazWOPER at WTPs

Add HazWOPER 24 hour training to Treatment staff to improve RWA response to spills

Strategic Initiative Roadmap (Continued)

Improved Training

Focus on the right training at the right time in a variety of formats

Foundations of Safety Leadership, LMS training, FEMA training

Project Management

Risk- Benefit decision making in project management

Environmental practices and sustainability in all major operation decisions

Focus on compliance and safety of contractors.

Questions?



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

September 17, 2020

FY2021 Business Continuity Work Plan



Ted Norris
Vice President Asset Management

Business Continuity Training and Exercise Update – FY2021

Activities Planned for FY2020

- AWIA Emergency Response Plan Certification
- Lake Gaillard WTP Table Top On-Site Exercise
- Division/Departmental Level Table Top Exercises
- Planning Activities
- Consultant: Kate Novick, P.E., C.S.P.

Lake Gaillard WTP Table Top On-Site Exercise

- Testing Simulation: WTP is down, raw water bypass implementation
- Table Top:
 - Ensure Staff Readiness
 - Incident Command
 - Review Documents
- Field Exercise:
 - Review Start to Finish Activation of Raw Water
 - Review Disinfectant Implementation
- Evaluation and Lessons Learned/Actions Needed

Division/Departmental Level Table Top Exercises

- Testing: Up to Five Division or Large Department Business Continuity Plans
- Exercise Response Actions
- Review Incident Command Procedures
- Evaluation and Lessons Learned/Actions Needed

Planning Activities

- Business Continuity Subcommittee typically meets 3 to 4 times per year for training and review of plans and assessments.
 - Meetings suspended until Fall.
- Smaller Training and Exercise Team meets as needed to support training and exercises.

Questions

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

September 17, 2020

AWIA Emergency Response Plan Submission



Ted Norris
Vice President Asset Management

America Water Infrastructure Act of 2018

Community Water systems that serve more than 3,300 people required to complete a Risk and Resilience Assessment and Develop and Emergency Response Plan

Risk and Resilience Assessment

- Completed December 2019 – March 2020
- Certification Submitted to EPA March 2020
- Natural Hazards and Malevolent Acts (All Hazards)
- Resilience of Water Facility Infrastructure
- Monitoring Practices
- Financial Systems
- Chemical Storage and Handling
- Over 250 Asset-Threat Pairs Identified, Top Risks Identified

Emergency Response Plans

- Work is ongoing
- Certification to EPA by September 30, 2020
- Plans and procedures for responding to natural hazards and malevolent acts
- Actions and equipment to lessen impacts of hazards and acts
- RWA approach – A Plan of Many Plans

Plan of Many Plans Approximately 100 Plans

- Business Continuity Plan including sub-plans
- Incident Management Plan
- Critical Component Failure Response Plans,
over 40
- Cyber Security Plan
- Drought and Flood Response Plans
- Dam Emergency Operations Plans,

Plan of Many Plans

- HAZWOPER Emergency Response Plan for spills
- Sabotage Prevention and Response Plan
- Risk Register
- Emergency Equipment
- BCP Training and Exercise Plan
- Others: Job Site Incident, Medical Emergency, Shelter-in-Place, Elevator Emergency, Severe Weather

Plans Under Review and Being Updated

- Critical Component Failure
- Dam Emergency Operations
- HAZWOPER
- Water Quality Incident
- SCADA Security

On schedule for September 30, 2020 completion

Questions

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

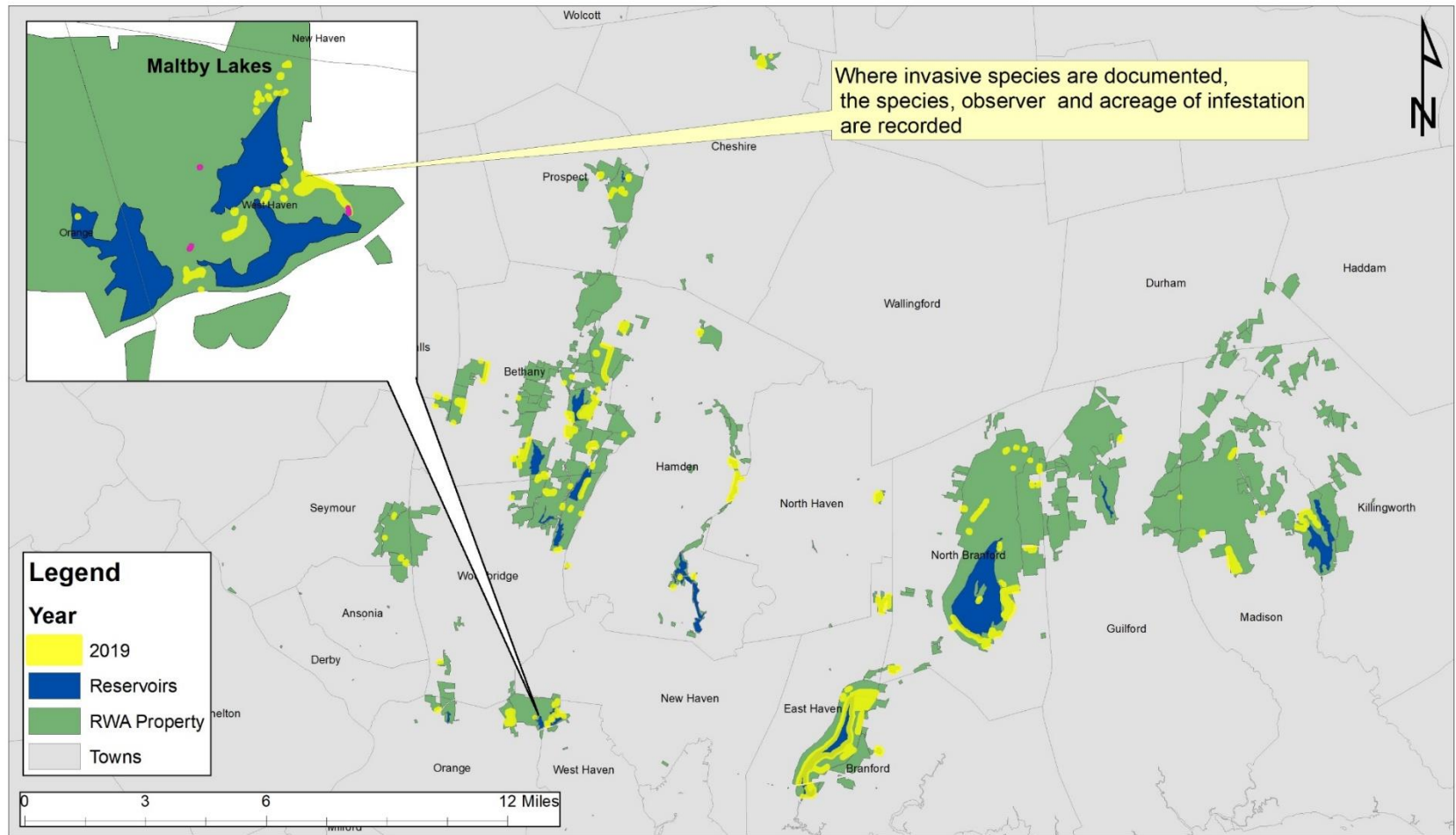
September 17, 2020

Update on Invasive Plant Management

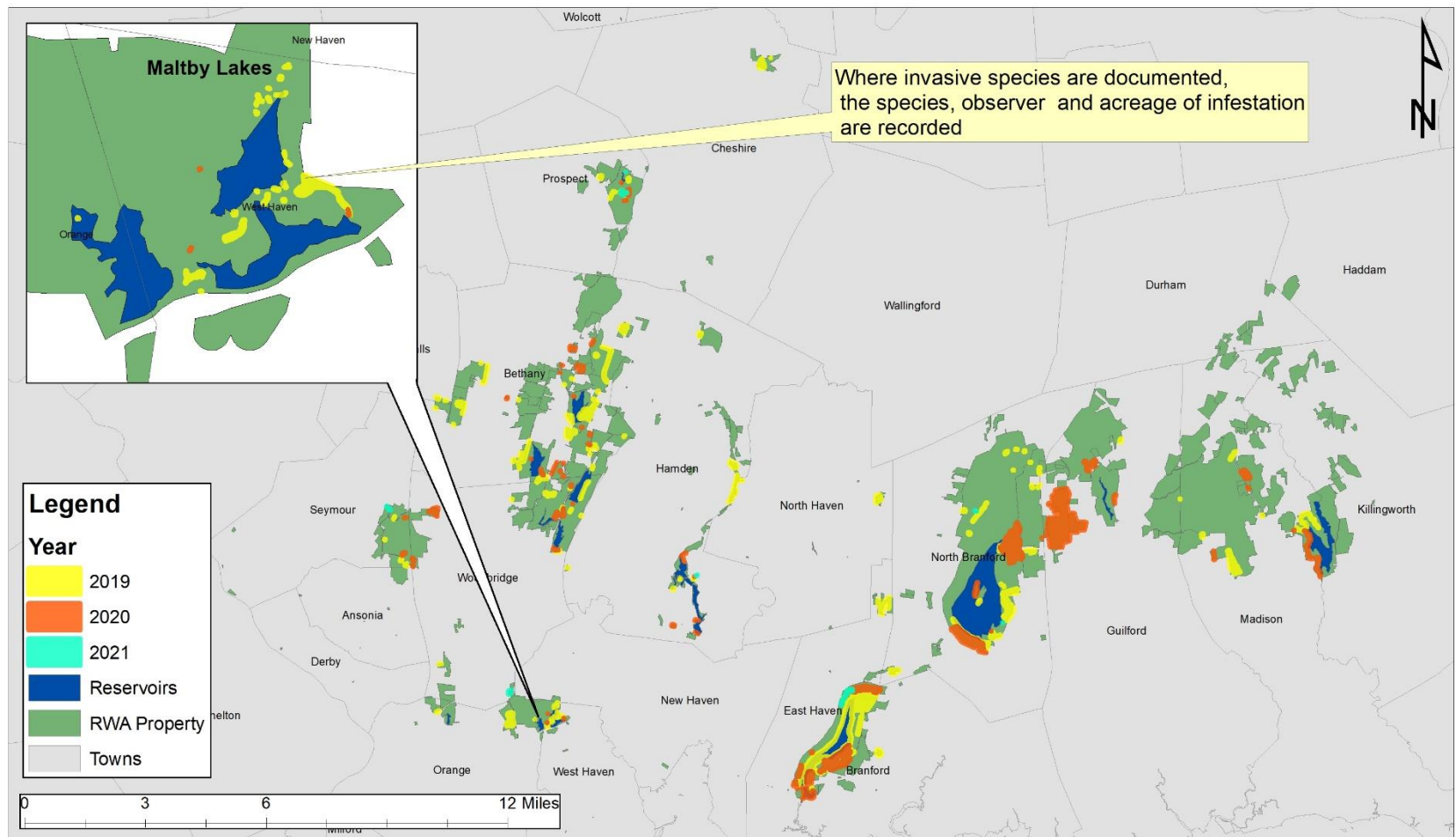


**Joshua Tracy
Invasive Species Management Technician**

Invasive Species on Regional Water Authority Properties

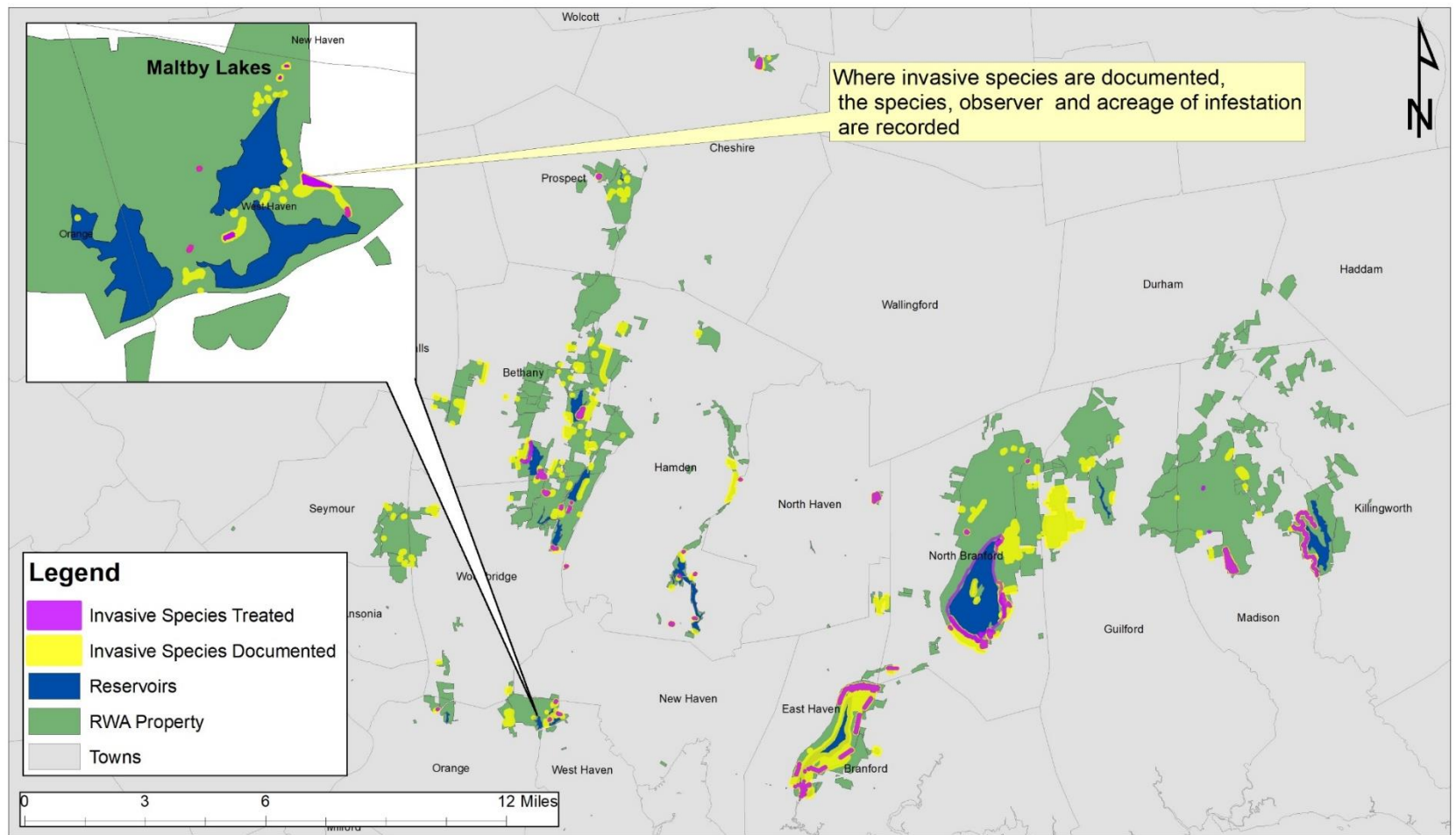


Invasive Species on Regional Water Authority Properties



Map created by:
Joshua Tracy
Inv. Spec. Mgt. Tech.
09/09/2020

Invasive Species on Regional Water Authority Properties



Invasive Management Progress

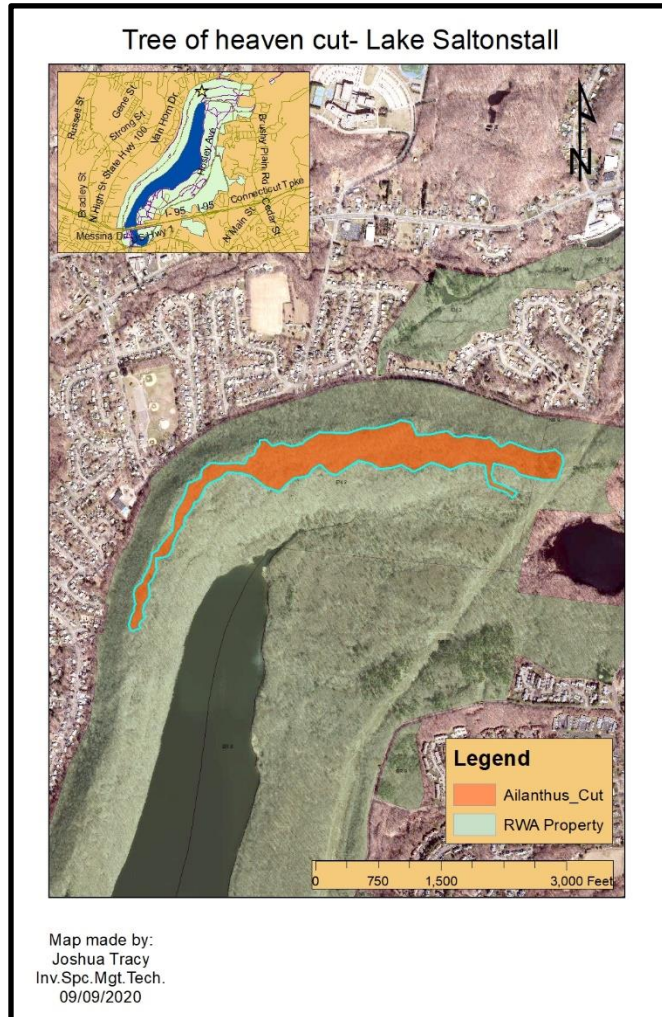
Year	Acres Documented	Percentage of property documented	Acres Treated	Percentage of property treated
FY 2019	1,175	4%	110	0.4%
FY 2020	1,006	3.6%	78	0.28%
FY 2021	14	0.05%	24	0.086%
Total	2,195	7.65%	212	0.766%



Removing invasive trees.



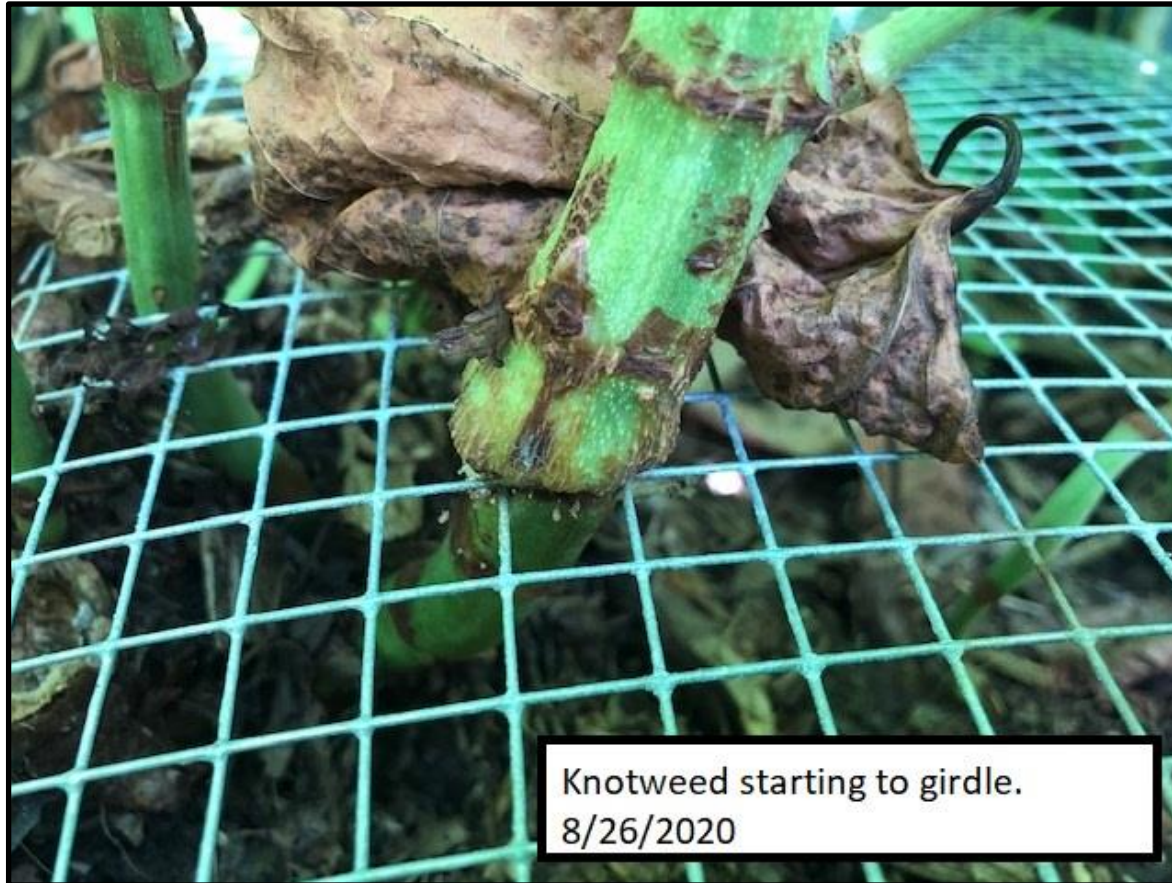
Removing invasive trees.



Japanese knotweed experiments.



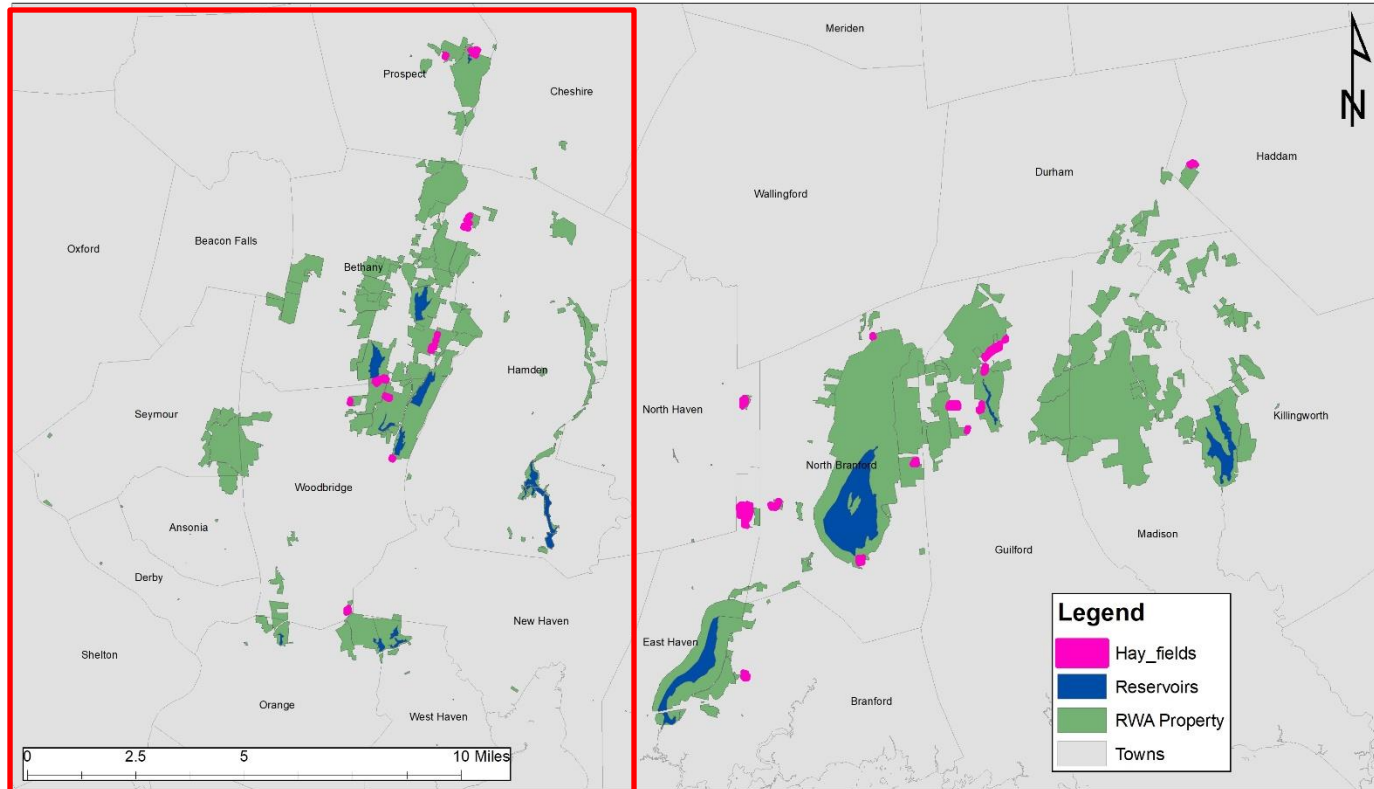
Japanese knotweed experiments.



Knotweed starting to girdle.
8/26/2020

Rental field management.

Rental Fields on Regional Water Authority Properties



Rental field management.



Courtesy of John Triana

- Tanev will mow invasives such as mugwort, multiflora rose and bittersweet.
- These fields will be used to grow hay.

Hay field management.



- Urbano will mow invasives such as autumn olive, multiflora rose and bittersweet.
- This field will be used to grow Christmas trees.

Second year herbicide plots.



Black and Pale Swallow-wort biological control.



H. Opulenta Adult.



Furnace pond water chestnut harvest.



Equipment for harvesting.



Contractor:

SOLitude.

Capacity:

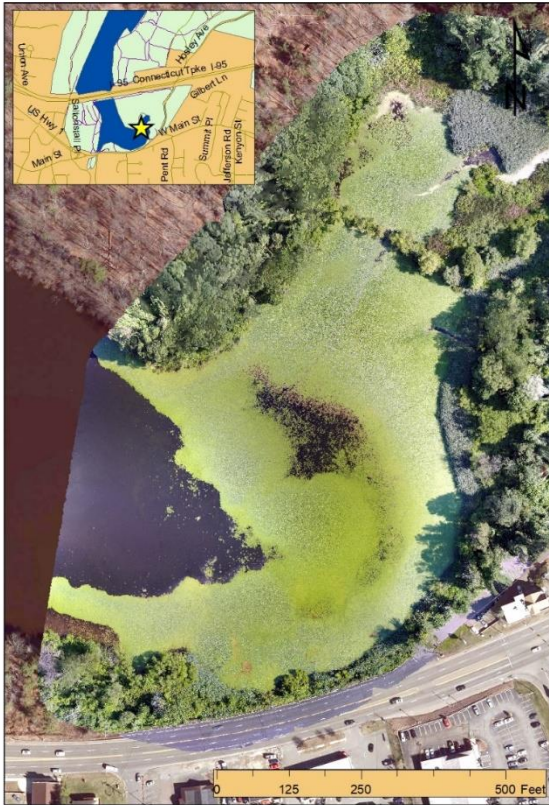
Holds ~435 cubic feet of material.

Time between off-loadings:

~25 minutes.



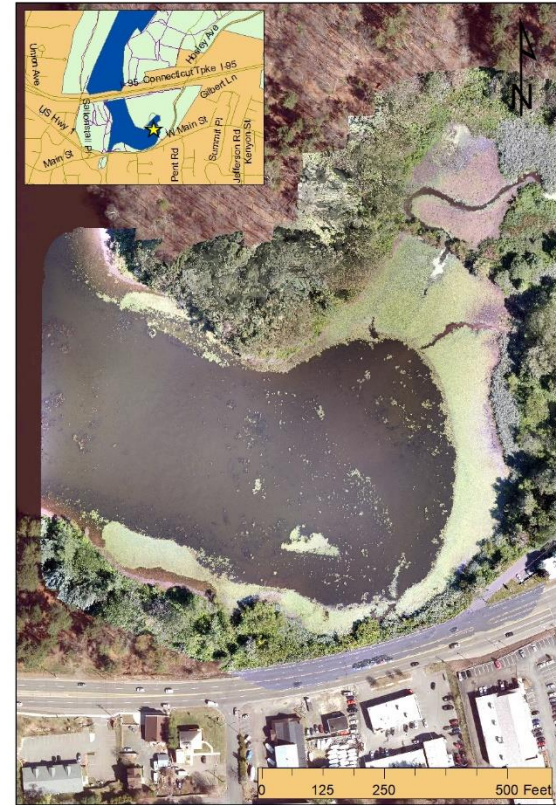
Water Chestnut Harvest- Pre Harvest



Map made by:
Joshua Tracy
Inv. Spc. Mgt. Tech.
08/31/2020

07/06/2020

Water Chestnut Harvest- Post Harvest



Map made by:
Joshua Tracy
Inv. Spc. Mgt. Tech.
08/31/2020

08/20/2020



Water Chestnut Harvest- Post over Pre Harvest



Trappa_Natans_Pre_2020				
OBJECTID *	SHAPE *	SHAPE_Length	SHAPE_Area	Acreage
1	Polygon	4599.025279	367033.26831	8.425958

Trappa_Natans_Post_2020				
OBJECTID *	SHAPE *	SHAPE_Length	SHAPE_Area	Acreage
1	Polygon	5527.499739	196092.199497	4.501676
4	Polygon	288.139721	2909.051446	0.066783

