



WATERTOWN LANDFILL WATERTOWN, CONNECTICUT STEWARDSHIP PERMIT RENEWAL PUBLIC INFORMATION MEETING

9/10/2024

Presented by: Kelsey Shields, DEEP Remediation Division,
Robert Danielson, Fuss & O'Neill

AGENDA

- **Welcome from CT DEEP and Introductions**
- **Permit Overview**
 - Explanation of the Stewardship Permit Program
 - Goals of Stewardship Permits
 - How Stewardship Permits Connect the Community
- **Facility Overview**
 - Property Location
 - Facility History
 - Environmental Concerns
- **Timeline of Investigations and Remediation**
- **Actions to be Completed Under Renewed Stewardship Permit**
- **Opportunity for public comments and questions**

Note: All participants will be muted until the meeting is open to public participation. Please note that all or portions of the meeting may be recorded.

INTRODUCTIONS

Connecticut DEEP

- Kelsey Shields, Environmental Analyst, Remediation Division

Facility

- Robert Danielson, LEP, Vice President, Fuss & O'Neill
- Jerry Lukowski, Director of Public Works, Town of Watertown

PERMIT OVERVIEW

Why we are here:

- To continue the property's cleanup progress and
- Set a path for redevelopment of the property

Why is a Stewardship Permit Required?

- Regulatory basis:
 - Federal and state laws require that this type of facility has an enforceable cleanup schedule in place to advance site cleanup and ensure remedies remain effective into the future.

PERMIT OVERVIEW

What is a Stewardship Permit?

- Cleanups at some sites require long-term monitoring and care to ensure that the remedy remains protective of human health and the environment.
- There is a need to keep our promise to the future by having a transparent process that tracks those obligations.
- A Stewardship Permit issued by the State of Connecticut is an enforceable mechanism to help keep that promise

GOALS OF STEWARDSHIP PERMITS



Protect human health and the environment and ensure remedy remains effective into the future



Restore and revitalize urban centers



Guide growth to preserve open land

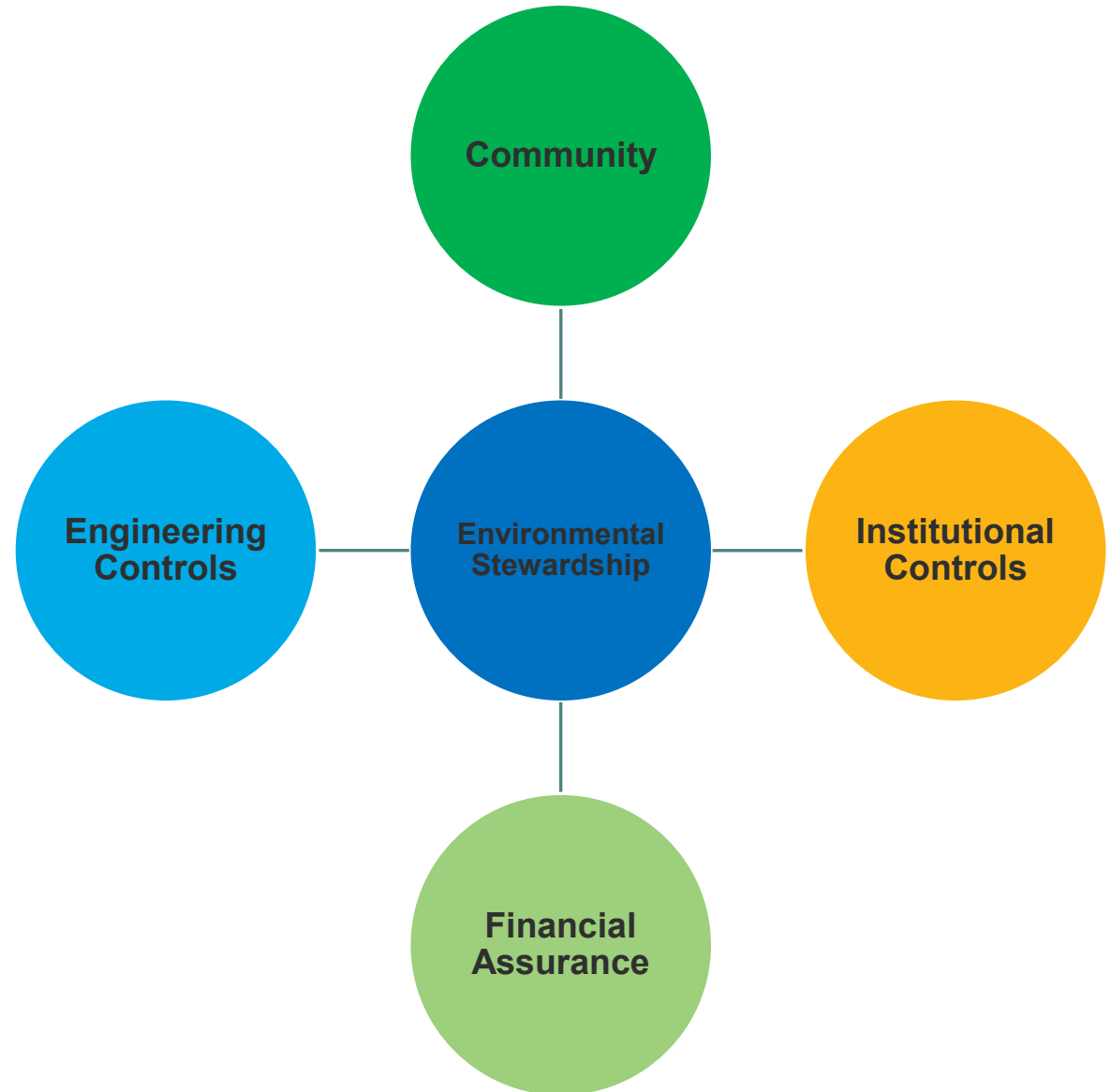


Preserve cultural & historic resources



Promote and maintain a sustainable economy

A Stewardship Permit creates a link between the property and the community and ensures remedies remain effective into the future



STEWARDSHIP PERMITS CONNECT THE COMMUNITY

FACILITY OVERVIEW – SITE MAP



FACILITY OVERVIEW – SITE MAP



WATERTOWN TRANSFER STATION
89 OLD BAIRD ROAD

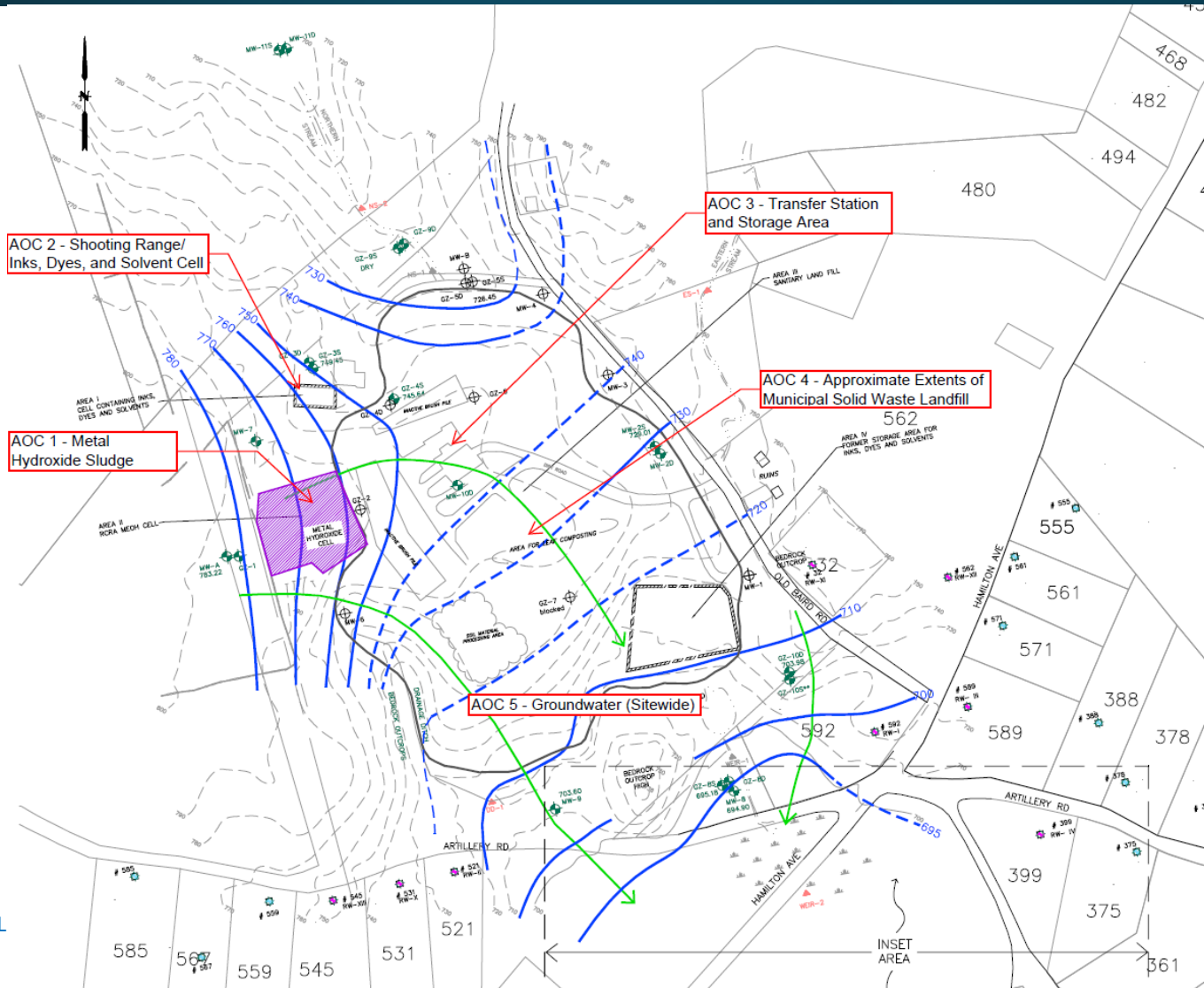
FACILITY HISTORY - LANDFILL

- Landfill Operated from 1940s to ~ 1982 for Disposal of Municipal ~ 500,000 CYs of Solid Waste (MSW)
- Metal Hydroxide Waste Cell Operated from 1977 to 1982 ~ 4,350 CYs of Sludge
- MSW Landfill Closed in ~ 1981 – Two-Foot Thick Earthen Cap
- Hydroxide Cell Closure in 1996 – Geomembrane Cap
- Transfer Station Operated on Former MSW Landfill – Two 10,000 gal double-walled USTs (gasoline and diesel)

TIMELINE OF INVESTIGATIONS

- **Closure/Post Closure Investigations – GZA 1980s**
- **Comprehensive Groundwater Monitoring Plan – Marin Environmental – 1992**
- **Groundwater Impact Evaluation and Water Supply Alternatives Analysis – F&O 2006**
- **Initial DEP Stewardship Signed July 2010**
- **Quarterly Groundwater Monitoring – ACT , 2005 to Present**

ENVIRONMENTAL CONCERNS



MONITORING PROGRAM

- **> 20 Years of Groundwater Monitoring From Extensive Well Network**
- **Sampling of up to 25 Monitoring Wells and 5 Surface Water Locations - ACT**
- **Sampling of 16 Domestic Wells, Includes 12 Wells with Treatment Systems - ACT**
- **Prepare Quarterly Monitoring Reports and Detailed Annual Summary Report – ACT**
- **Zone of Influence of Groundwater Plume Extends from Landfill Southward Towards Lake Winnemaug – Leachate Constituents (Iron, Mn, chloride, sodium etc.)**

ACTIONS REQUIRED IN STEWARDSHIP PERMIT

- **Continue Quarterly Groundwater Sampling and Reporting – 2021 Monitoring Plan**
- **Monitor and Maintain Domestic Well Treatment Systems**
- **Follow Revised 2021 Post-Closure Plan for Inspection and Maintenance of Landfill Cover**
- **Prepare and Implement PFAS Groundwater Monitoring Plan for Initial Assessment – 90 days for Plan, 365 days to Complete**
- **Update Cost Estimates for Monitoring and Maintenance – 90 days**
- **Update and Maintain Financial Assurance – 150 days**
- **Prepare Revised Quality Assurance Project Plan (QAPP) – 270 days**

SUMMARY OF STEWARDSHIP PERMITS

Ensures public participation in on-going maintenance and monitoring

Documents the completion of cleanup

Memorializes phases of completed remediation

Addresses financial assurance obligations

Spells out long-term obligations of permit holder

STEWARDSHIP PERMIT PUBLIC COMMENT PERIOD

Opportunity to Comment on Draft Permit

- **August 8, 2024 - Draft permit available for public review**
 - Notice of tentative determination to issue a permit renewal was published, beginning the Public Comment period
 - Information published in Waterbury Republican-American
 - Radio announcements on WATR 1320 AM
- **September 10, 2024 - Public Informational Meeting held in virtual format**
- **September 22, 2024 - End of Public Comment period**
- **Next: CT DEEP will review comments, consider if changes are needed, then issue final decision**

PUBLIC COMMENT PROCESS

All comments must be received by 9/22/2024

Once all written comments are received, DEEP will review the comments received in writing and verbally at this meeting prior to finalizing the decision regarding the permit renewal.



This presentation will be posted to the DEEP webpage:

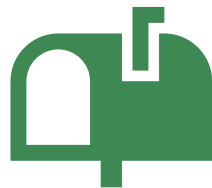
[Proposed Individual Permits \(ct.gov\)](#)



Comments may be emailed to:

Kelsey Shields, Kelsey.Shields@ct.gov

With a copy to
DEEP.REMStewardship@ct.gov



Comments may be mailed to:

Kelsey Shields, Environmental Analyst
Remediation Division
Bureau of Water Protection and Land
Reuse, 2nd Floor
CT Department of Energy and
Environmental Protection
79 Elm Street
Hartford CT, 06106-5127

QUESTIONS AND COMMENTS WELCOME!

- Please note that all or portions of the meeting may be recorded.
- If you wish to speak, please use the “Raise your hand” feature
- The moderator will call your name
- Unmute your phone / computer
- If possible, turn your camera on while making a comment
- State your name and address clearly
- When done, please place your phone / computer back on mute

Thank you!