



**ABB INC. (COMBUSTION ENGINEERING)
WINDSOR, CONNECTICUT
STEWARDSHIP PERMIT [MODIFICATION]
PUBLIC INFORMATION MEETING**

July 16, 2026
Presented by: Jade Barber, DEEP Remediation Division,
Nelson Walter; Amberlee Clark, WSP

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

- Jade Barber, Environmental Analyst, Remediation Division
- Sarah McQuade, RCRA Hazardous Waste Program Coordinator, Remediation Division
- Geeta Dahal, RCRA Hazardous Waste Program, Remediation Division

Facility

- Zachery Pedersen, ABB Inc.
- Nelson Walter, LEP, PE, WSP
- Amberlee Clark, LEP, PG, WSP

OVERVIEW

Why we are here:

- To discuss the property's cleanup progress- 300 Groton Road parcel (Fifth Portion, 5.103 acres)
- Removal of a portion Fifth Portion from the obligations associated with the Stewardship Permit issued to the facility

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

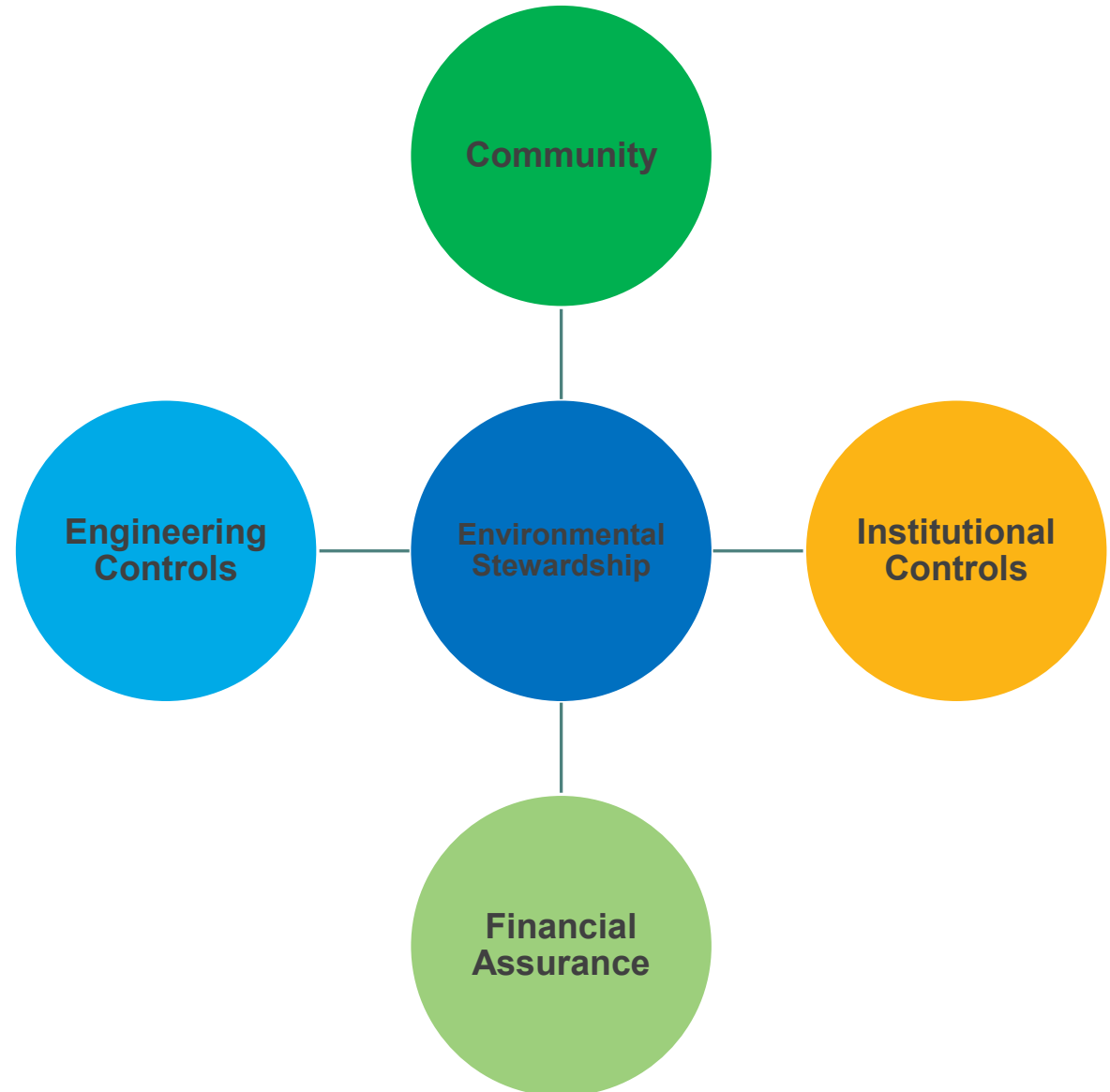


Preserve cultural & historic resources



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

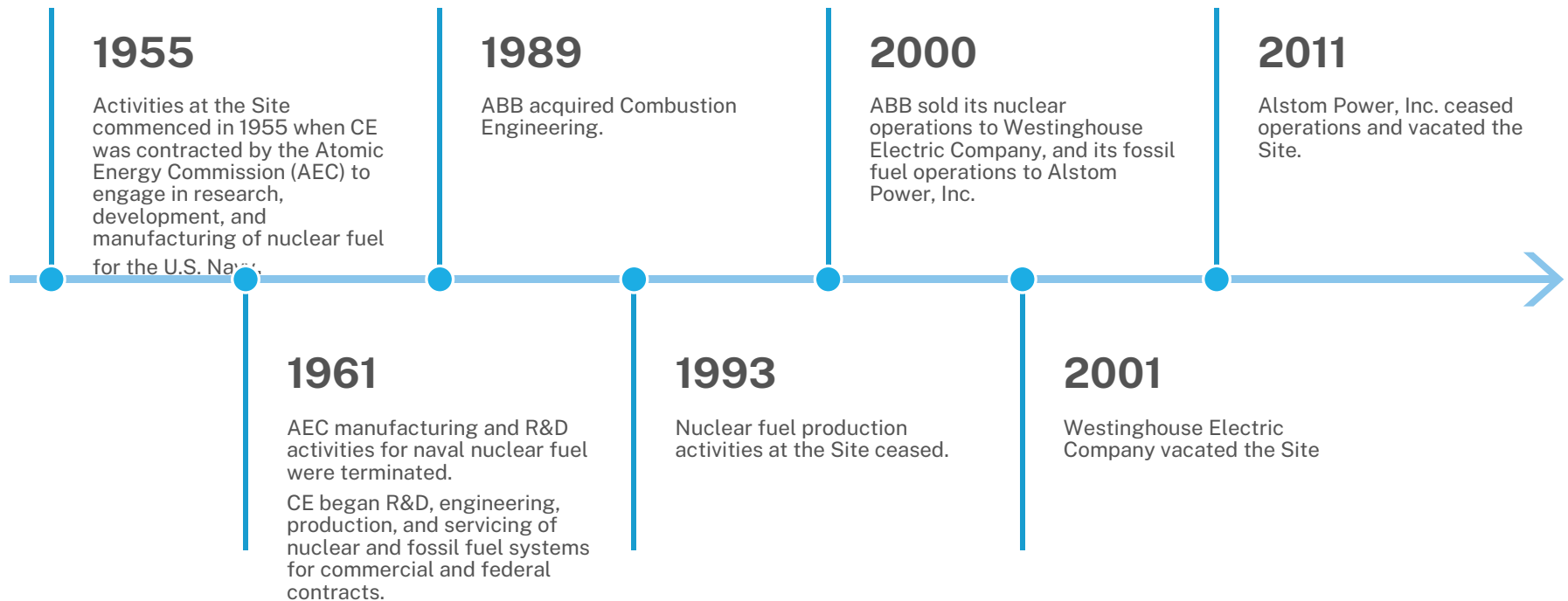
FACILITY OVERVIEW - PROPERTY LOCATION

- The original Combustion Engineering (CE) Site comprised approx. 600-acres
- Industrial operations from the 1950s until their cessation in 2011
- The current property owned by CE comprises approx. 230-acres
- Property is served by public water
- Nearby land uses are primarily commercial, residential, agricultural, and industrial
- Within the “Great Pond Improvement District” municipal special taxing district

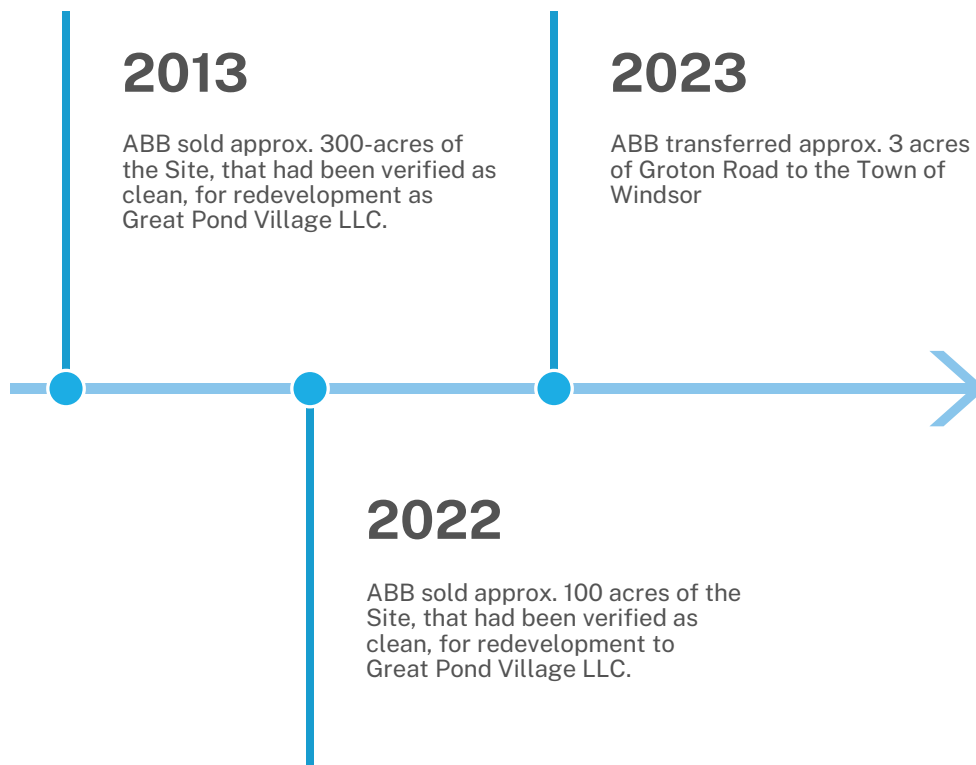
Combustion Engineering, Inc. Former Industrial Site



FACILITY HISTORY



FACILITY HISTORY



- The remaining 234-acres of the Site have been divided into four separate parcels known as 2000 Day Hill Road, 45 Huckleberry Road, 100 Groton Road, and 300 Groton Road, and is under consideration for future development while groundwater remediation and monitoring is ongoing on portions of the Site in accordance with the state-issued Stewardship Permit.
- **Approximately 30 buildings were demolished and removed. There are no manufacturing buildings present.**

REMEDIATION CLEAN-UP GOALS AND TARGETS

- ABB has received approval from all regulatory agencies including the US EPA, NRC, ACOE, and CT DEEP documenting completion of remediation of soil contamination to applicable residential greenfield standards.
- In September 2009, CT DEEP issued a Stewardship Permit for the Site. The Stewardship Permit and subsequent revisions acknowledge that Corrective Actions are complete for applicable portions of the property.
- Current and future remedial actions at the Site are governed under the Stewardship Permit.



ENVIRONMENTAL CONCERNS

Soil

- Contaminants of concern:
 - Volatile Organic Compounds (VOCs),
 - Metals, and
 - Petroleum hydrocarbons (ETPH)
- 17 clean up actions (interim corrective measures) were completed between 1998 and 2017
 - Soil remediation has been completed
 - All soils meet the most stringent state cleanup standards for residential use (CT RSRs)

Groundwater

- Contaminants of concern:
 - VOCs
 - Metals (iron and manganese), and
 - Petroleum hydrocarbons (ETPH)
- Two on-site groundwater plumes remain
 - Groundwater plumes are on-site (no off-site groundwater impacts)
 - Site and surrounding area served by public water
 - No streams, ponds, rivers are impacted
- Cleanup (Remedial Action) was conducted at each plume
- Groundwater remediation planned for one groundwater plume where contaminant levels are stable
- Groundwater continues to be monitored at the second groundwater plume to document that contaminant levels continue to decrease

TIMELINE OF INVESTIGATIONS & REMEDIATION

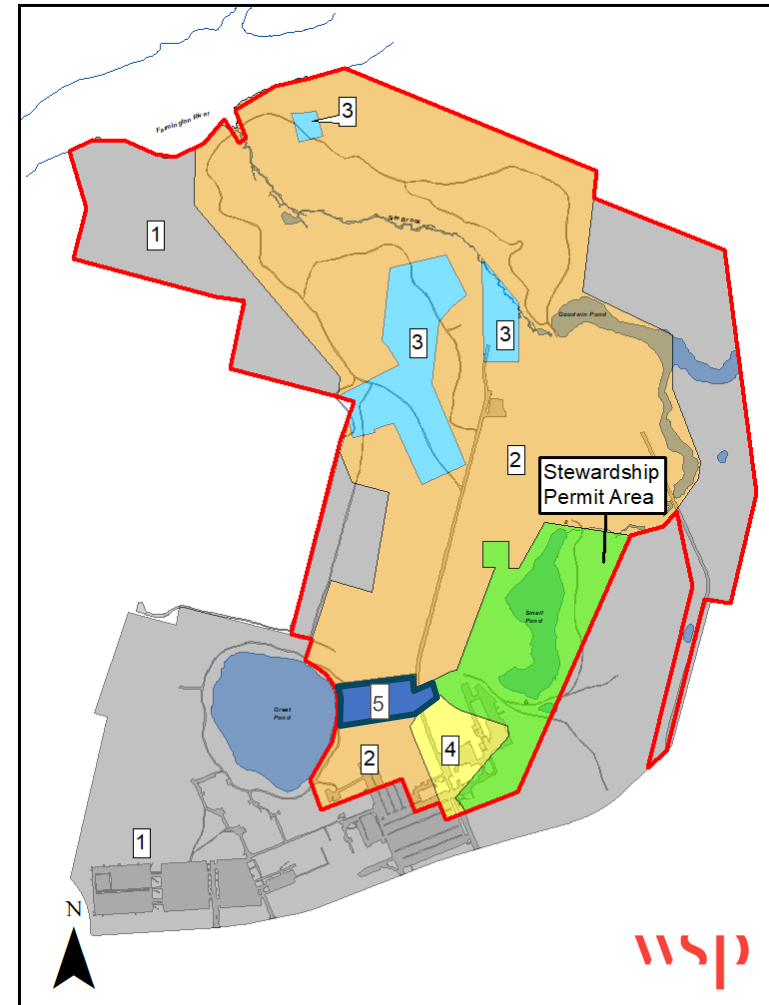
- 1992: Initial characterization activities were conducted
- 1997: ABB entered into an agreement with the USEPA to perform a Resource Conservation and Recovery Act (RCRA) Voluntary Corrective Action
- 1998-1999: Historical Review Report (HRR) and Limited Field Investigation (LFI) completed
- 1999-2001: RCRA Facility Investigation (RFI) completed
- 2001: A groundwater monitoring program was initiated
- 2002: Final RFI Report submitted
- 2003 - 2009: Human Health Risk Assessment (HHRA) and Ecological Risk Assessments submitted
- 1998 – 2017: Remedial actions completed for impacted soil
- 2012 - 2016: Remedial actions conducted to address groundwater contamination in three groundwater plumes
- Groundwater plumes are stable and continue to be monitored/additional remediation is planned

VERIFIED CLEAN-UP AREA

555-Acres have been cleaned up to residential standards

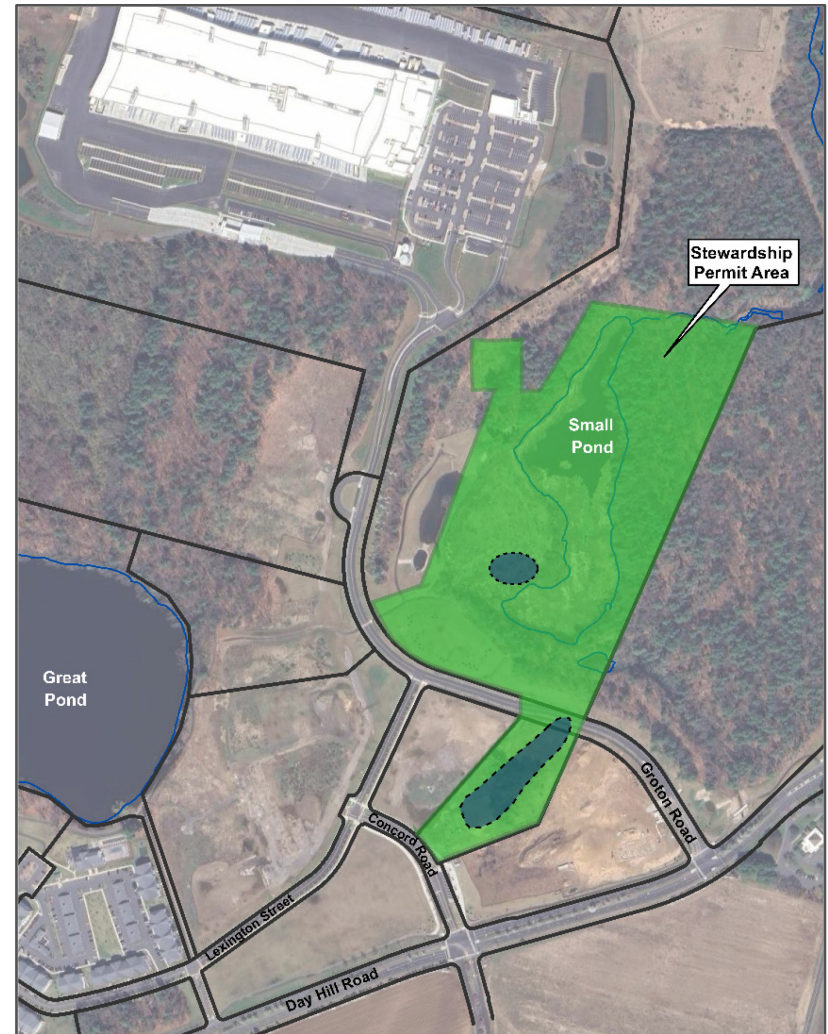
Portion Verification #	# of Acres Cleaned Up	Date
1	297.8	2009
2	220.3	2012
3	23.7	2013
4	8.5	2021
5	5.1	2025

Remaining area to be cleaned up – 35.4 Acres



REMAINING MONITORING AREA (SUBJECT TO STEWARDSHIP PERMIT)

- Stewardship Permit Area – 35.4-Acres
- Planned Remediation at 1 Groundwater Plume
- Continued Monitoring of 1 Groundwater Plume
- All soils already meet residential cleanup standards



ACTIONS REQUIRED IN STEWARDSHIP PERMIT

Permit applies to the remaining 35.4 acres that have not yet been verified as cleanup complete

Primary activity is groundwater monitoring to document that contaminant levels continue to decrease

Activities are to be in accordance with Connecticut General Statutes (CGS) Sections 22a-6, 22a-449(c), and Section 22a-449(c)-110 of the Regulations of Connecticut State Agencies (RCSA)

STEWARDSHIP PERMIT PUBLIC COMMENT PERIOD

Opportunity to Comment on Statement of Basis for the Removal of Fifth Portion

- **June 15, 2026-Draft Statement of Basis available for public review**
 - Notice of tentative determination to issue a permit renewal was published, beginning the Public Comment period
 - Information published in Hartford Courant (Zone 6)
 - Radio announcements on WTIC 1080 AM
- **July 16, 2026- Public Informational Meeting held in hybrid virtual format**
- **July 30, 2026-End of Public Comment period**
- **Next: CT DEEP will review comments, consider if changes needed, then issue final decision**

PUBLIC COMMENT PROCESS

All comments must be received by July 30, 2026

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 \(ct.gov\)](https://www.ct.gov/deep/proposed-individual-permits)



Comments may be emailed to:

Jade.Barber@ct.gov

With a copy to
DEEP.REMStewardship@ct.gov



Comments may be mailed to:

Jade Barber, 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!