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MELONE PROPERTY NORTH ROAD, SUDBURY, MA





BACKGROUND

The Melone Property is located adjacent to the former Sperry Research Center/Unisys facility that is a documented Massachusetts Department of Environmental Protection (MADEP) hazardous materials release site (the “Former Sperry/Unisys Site”).

The degreasing solvent trichloroethene (TCE) was historically released at the Former Sperry/Unisys Site and created two plumes of volatile organic compounds in groundwater that have migrated onto adjacent properties to the south and east.

The Town is considering reuse and/or redevelopment of the Melone Property, and wishes to evaluate potential environmental conditions and remedial status associated with the Former Sperry Rand/Unisys Site.



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FORMER SPERRY/UNISYS SITE OVERVIEW

- 140-acre property that was a horse farm prior to 1959.
- From early 1960s to 1983, was occupied by Sperry Research Center, and was used for research and development of electronic systems.
- In 1984, solvents (primarily TCE) were detected in groundwater.
- Two release areas: Leach Field and Gravel Pit.
- Remedial systems installed in 1986 for both areas; operated until 1999 (Gravel Pit) and 2002 (Leach Field).
- Current - Temporary Solutions under the MCP; long-term monitoring.



OBJECTIVES

Review existing environmental documentation regarding the Former Sperry/Unisys Site (MADEP Release Tracking Number [RTN] 3-0435) and assist the Town in understanding, documenting, and communicating to its citizenry the following:

- the current regulatory status of the Former Sperry/Unisys Site;
- the constituents of concern (COCs) associated with the
- Former Sperry/Unisys Site;
- the potential presence of Former Sperry/Unisys Site COCs on the Melone Property, in either soil or groundwater;



OBJECTIVES

- likely risk-based constraints to future development of the Melone Property that may result from Former Sperry/Unisys Site COCs;
- evaluate whether sufficient soil and groundwater characterization has been completed on the Melone Property to identify risks to potential future users of the Property (e.g., residential, open space/recreational, industrial/commercial); and
- identify data gaps that would be beneficial for the Town to address in assessing the Melone Property for reuse and/or development.





PROJECT TASKS

- Review of historical documents associated with the Former Sperry/Unisys Site;
- Environmental Database Review;
- Site Visit;
- Review of Sudbury Well No. 5 Information;
- Review of Concord White Pond Well Information; and
- Summary Report



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COMMENTS AND QUESTIONS

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