CT0810234

SOURCE WATER ASSESSMENT SUMMARY

Quassy Field Well

Well Location	Town	Well Type	Source Water Area (acres)
Route 64	Middlebury	Drilled	18

Factor	Source Water Assessment Ratings For This Well	Rating
I	Environmental Sensitivity	Moderate
II	Potential Risk Factors	Low
Overall Susceptibility to Potential Sources of Contamination		**Low**
This rating is intended to indicate susceptibility to potential sources of contamination that may be in the wellfield source water area and does not necessarily imply poor water quality.		

Assessment Factors		Initial Assessment Findings	Recommendations for Enhanced Source Protection
I	**Contaminants Detected in Source Water**	None	Maintain monitoring levels specified in the Connecticut Public Health Code Section 19-13-B102
I	**General condition of well and related equipment**	Observation of this well and well site suggests a need for structural improvements	Public water system should verify that the well is constructed and maintained according to State of CT Public Health Code Sections 19-13-B51c through j and notify the State Dept. of Public Health if improvements are needed
II	**Number of DEP-inventoried Contaminant Release Points in Source Water Area**	None	
II	**Number of Potential Sources of Contamination in Source Water Area**	None	
II	**Land Use/Land Cover on the Well's Source Water Area** *(Based on Satellite Imagery developed by University of Conn.)*	Commercial/Industrial 0.51% Residential 11.62% Agricultural 52.42% Open or Undeveloped 35.45%	Proactively work with local officials and developers to insure that only low risk development occurs within the source water area. Support and encourage the acquisition of open space land within the source water area.

General Recommendations For All Non-community Public Water Systems

Land Area Around Wellhead	Water system owner should provide information about the amount of land it owns or controls within a 200 foot radius around this well
Water System Source Protection Initiatives	Water system owner should provide information about basic practices employed to protect its drinking water sources
Local Government Source Protection Initiatives	Water system owner should support the development of local zoning or aquifer protection regulations to enhance the protection of public drinking water sources

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Keeping Connecticut Healthy

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