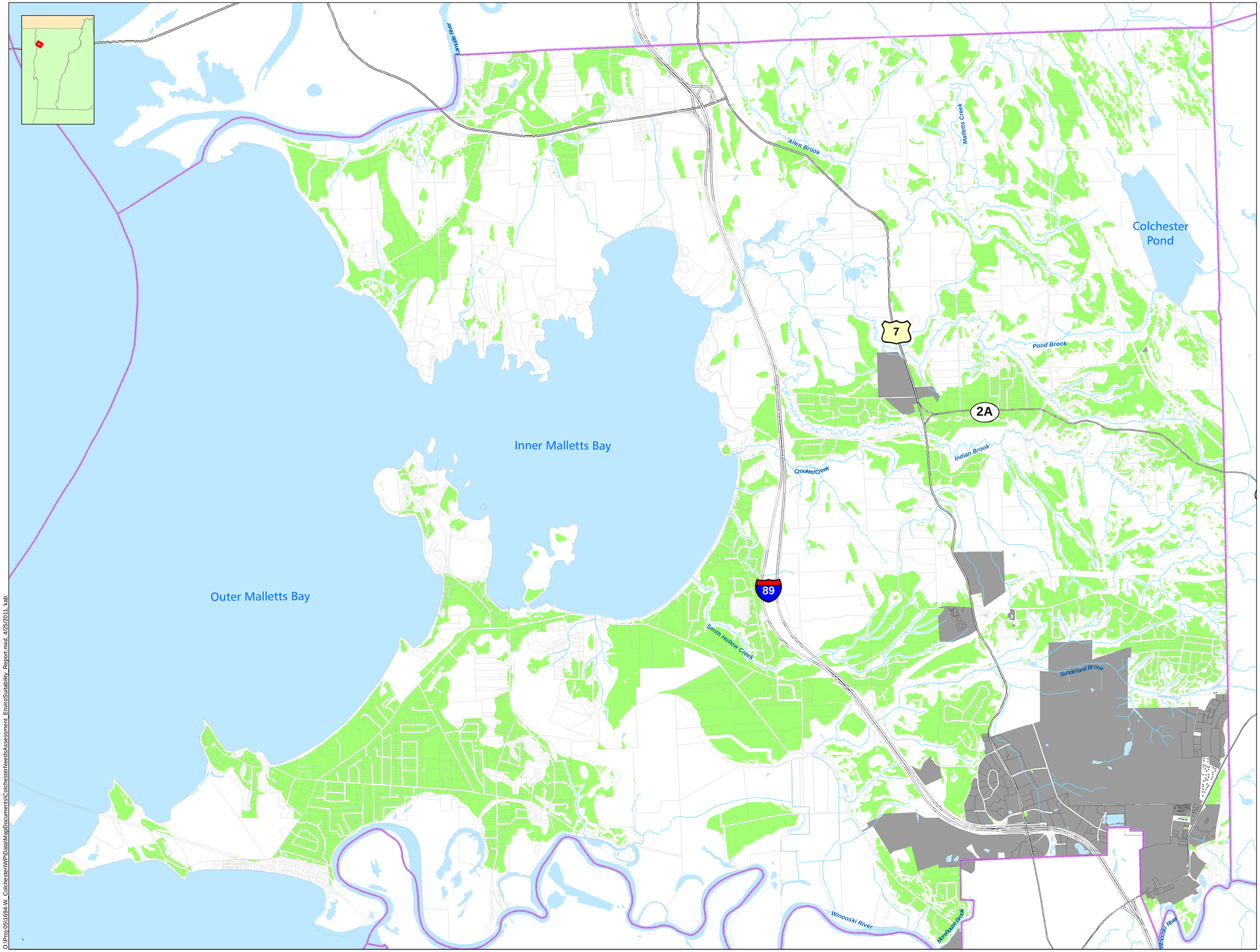

Needs Assessment for Onsite Wastewater Treatment Systems: Land Summary for Onsite System Suitability

Integrated Water Resources Management Program

Town of Colchester, Vermont

Land Summary	Acres	% Acres
Suitable* for Conventional Onsite System	5,797	24%
Not suitable* for Conventional Onsite System	16,752	69%
Sewered with Municipal Service	1,674	7%
TOTAL	24,223	100%

The green represents land that is suitable for an onsite system based on planning level data. The white areas have one or more environmental limitation.

Envionmental limitations inlcude surface waters plus a 50 ft setback, wetlands plus a 50 ft setback, top of embankment of slope greater than 30% with a 25 ft buffer, bedrock escarpments, floodplain, depth to groundwater less than 2 feet, and depth to bedrock less than 2 feet. Land unavailable due to road and other rights of way or conserved lands were also excluded.

In any one location, there may be more than one factor that makes the land unsuitable for a conventional onsite system. For example, there may be areas that have both shallow bedrock and steep soils or areas where there may be surface water, floodplain, and shallow groundwater.

*Based on planning level data and current Vermont Wastewater Supply System and Potable Water Regulations.

0 0.5 1 Miles

Sources: VCGI: Streams, Water Bodies, Roads, Town of Colchester: Parcel Boundaries; Stone: Building Footprints, Suitability for Conventional Onsite System

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