



Winooski
May, 2019

Preserving Waterfront Properties

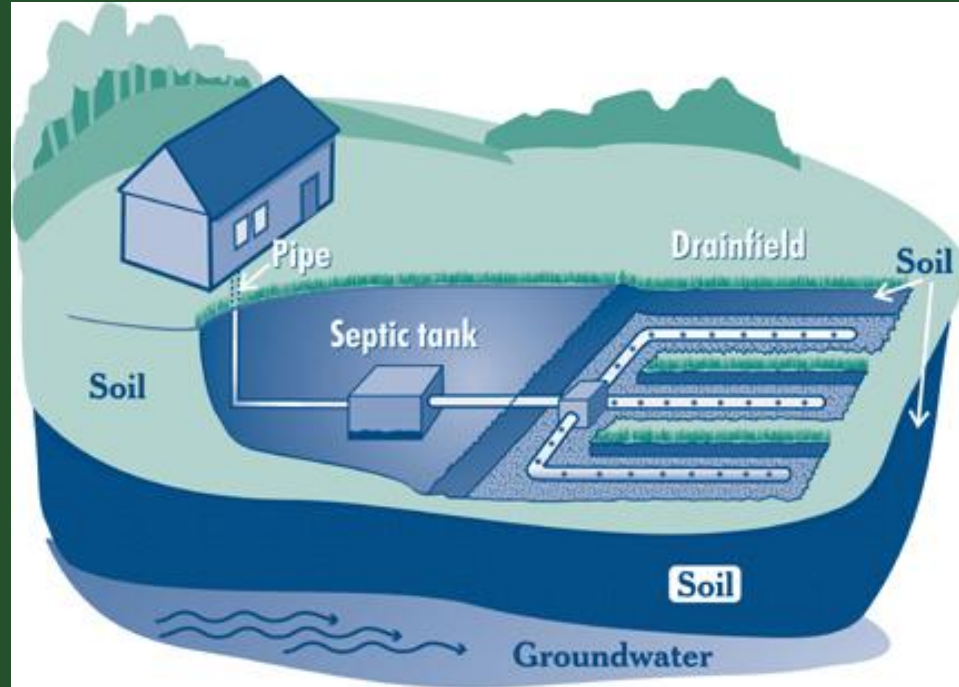
Agenda

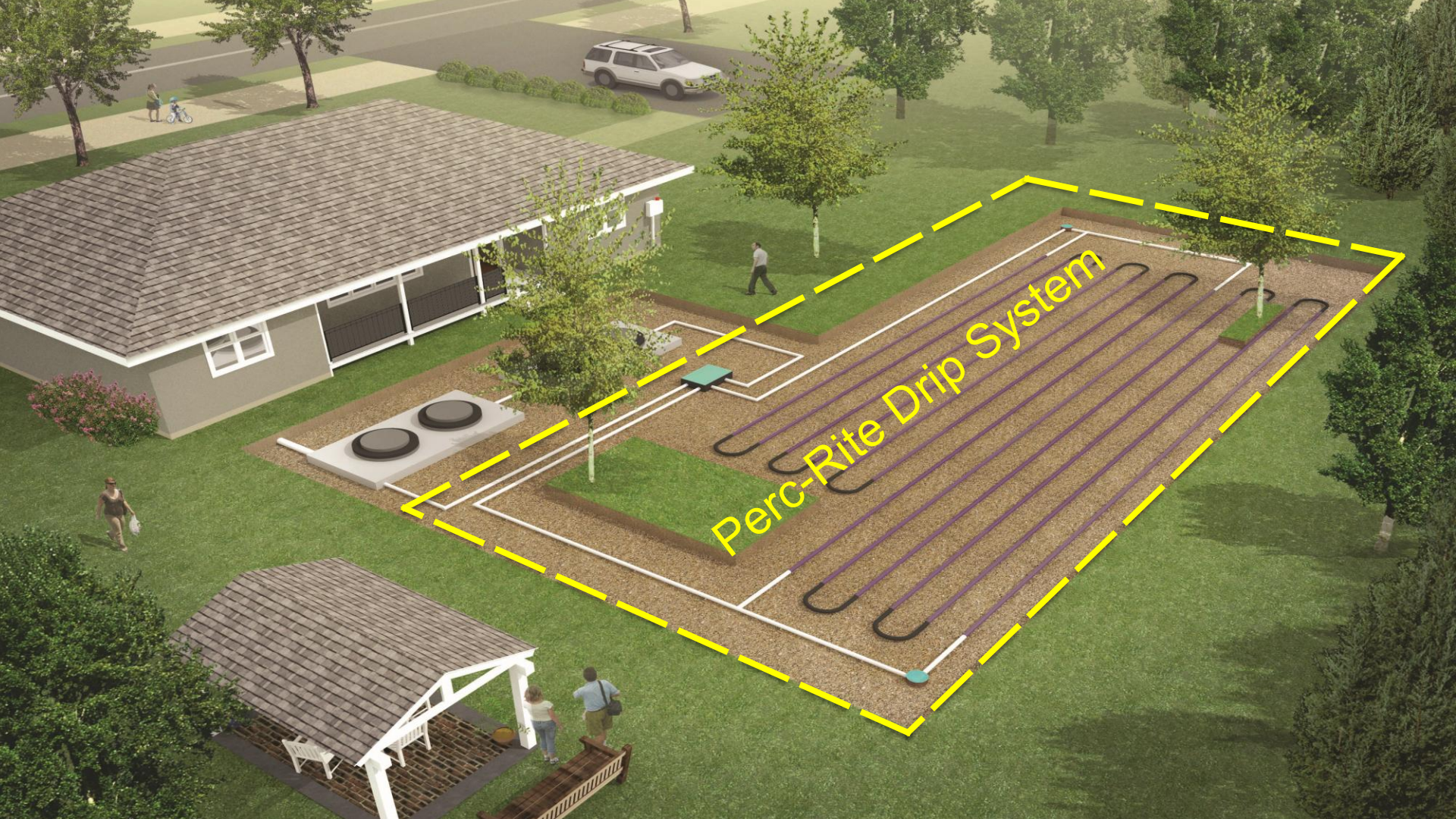
- Concerns with waterfront properties and effluent disposal
- Means to overcome some of these concerns
- Case studies and sample projects

Introduction



Conventional Onsite System

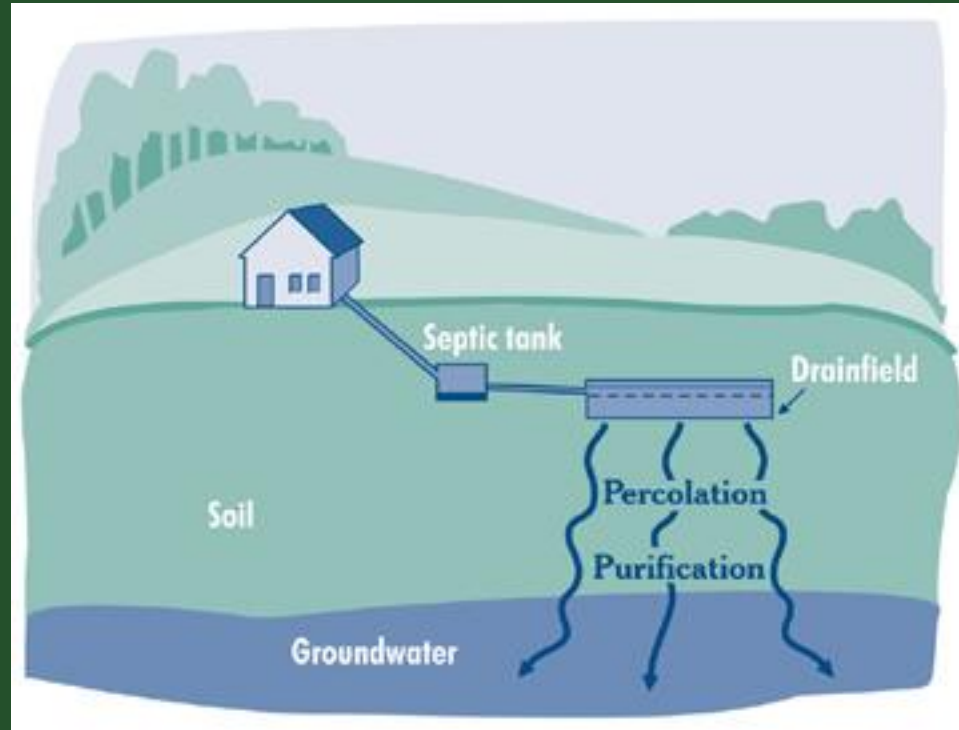




Perc-Rite Drip System

Concerns of Effluent Disposal with Water in Proximity

1. Not Complete Effluent Treatment



Not Complete Effluent Treatment

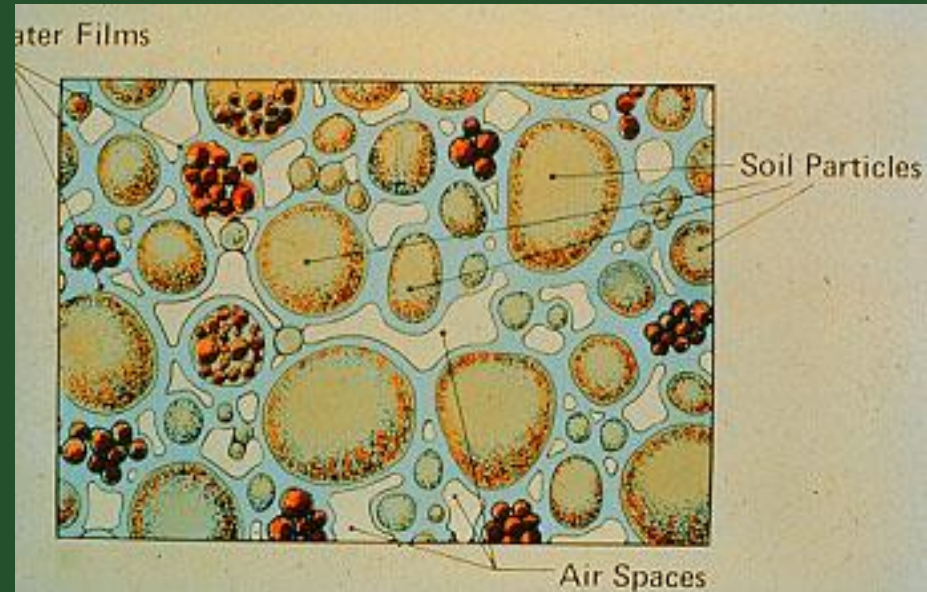
- Conventional onsite systems not always perform uniformly due to:
 - Loading
 - Settling
 - Temperature
 - Soil type
 - Wastewater strength

Not Complete Effluent Treatment



Not Complete Effluent Treatment

- Uniform distribution and timed application provide best treatment
- “Soil Treatment Unit”



2. Poor Soils and High Water Table



Poor Soils and High Water Table



3. Limited Access to Islands



4. Storm Damage

- Waterfront properties more susceptible to impacts than inland ones

Storm Damage



5. Preserving Property Values

- Frequently, water front properties are high value properties
- Owners usually do not like to change the look of the land

6. Views & Water Access

- Conventional systems often tall and large
- Can impact views and water access

Solutions Using Perc-Rite Drip Dispersal

1. Preserve Trees and Site Conditions











2. Provide Better Treatment in Soil



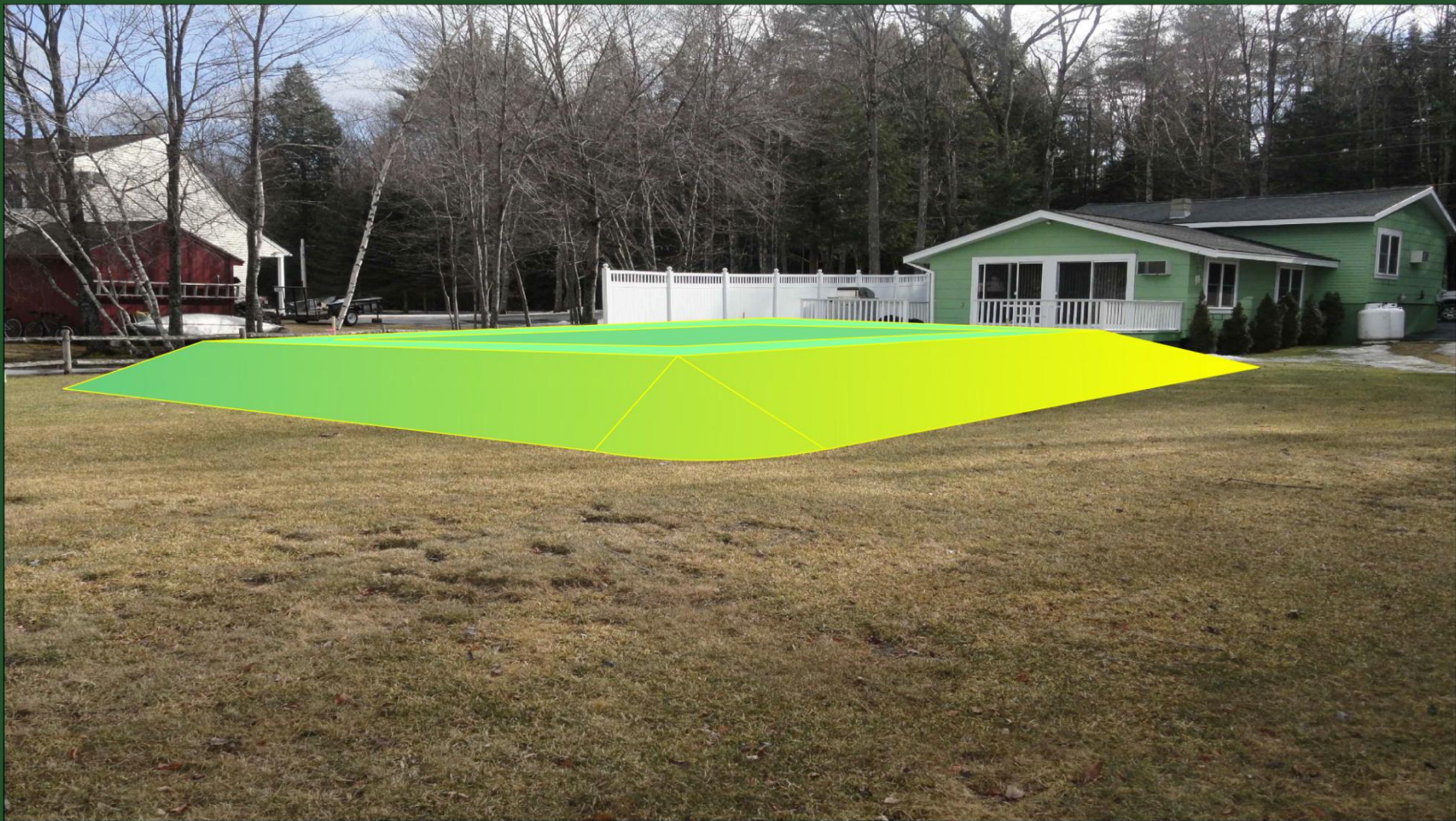






3. Lower Finished Height







4. Can be Transported by Boat





5. Can Pump to Area Away from Water



6. Not Limited to Rectangular Shape



7. Can Follow Slope of Land







Perc-Rite Drip Dispersal Case Study and Vermont Projects

Connecticut River

- Pumped away from water
- Preserved trees
- Followed slope of land
- Lower finished height preserved appearance

Connecticut River



Connecticut River



Connecticut River



Connecticut River



Connecticut River



Connecticut River



Vermont Projects







Thank You

