

2ND ANNUAL
CAPE COASTAL
CONFERENCE

JUNE 5, 2014



Linking Science with Local Solutions and Decision-Making

Town-Wide Strategies For Protecting And Restoring Fresh Water Ponds In Brewster

Mark Nelson, P.G

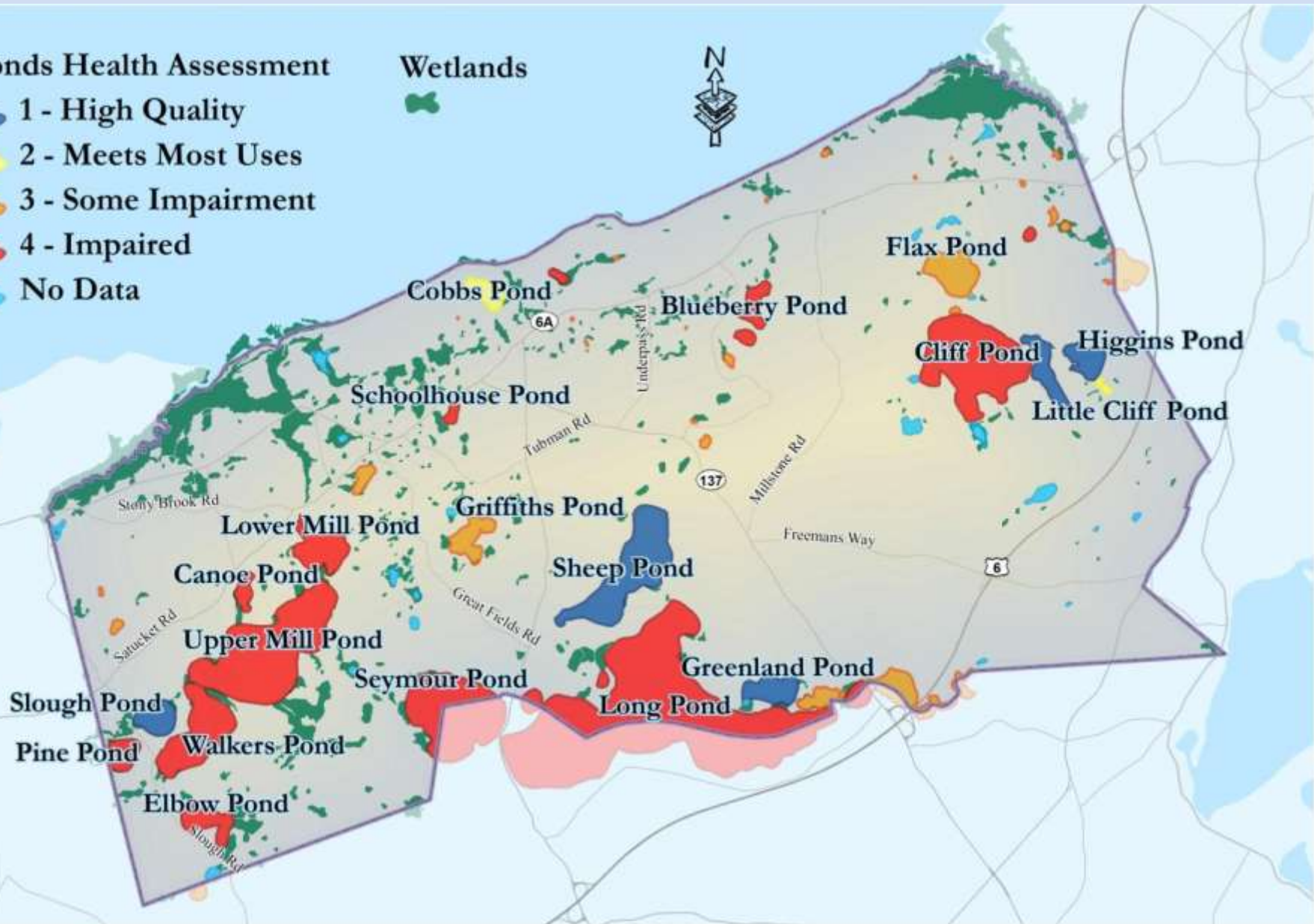
Sue Leven, AICP

Status of Brewster's Ponds

Ponds Health Assessment

- 1 - High Quality
- 2 - Meets Most Uses
- 3 - Some Impairment
- 4 - Impaired
- No Data

Wetlands





What's Happening Now?

- Community Outreach Successes!
- Watershed Management Strategies
Applicable to All Ponds



Jan. 11th, 2014

**Taking Action to Protect
Brewster's Ponds**

Community Engagement

- 2 Saturday Meetings with 100+ in Attendance at Each
- Strong Interest in Developing a Brewster Ponds Coalition
- Steering Committee Work Underway

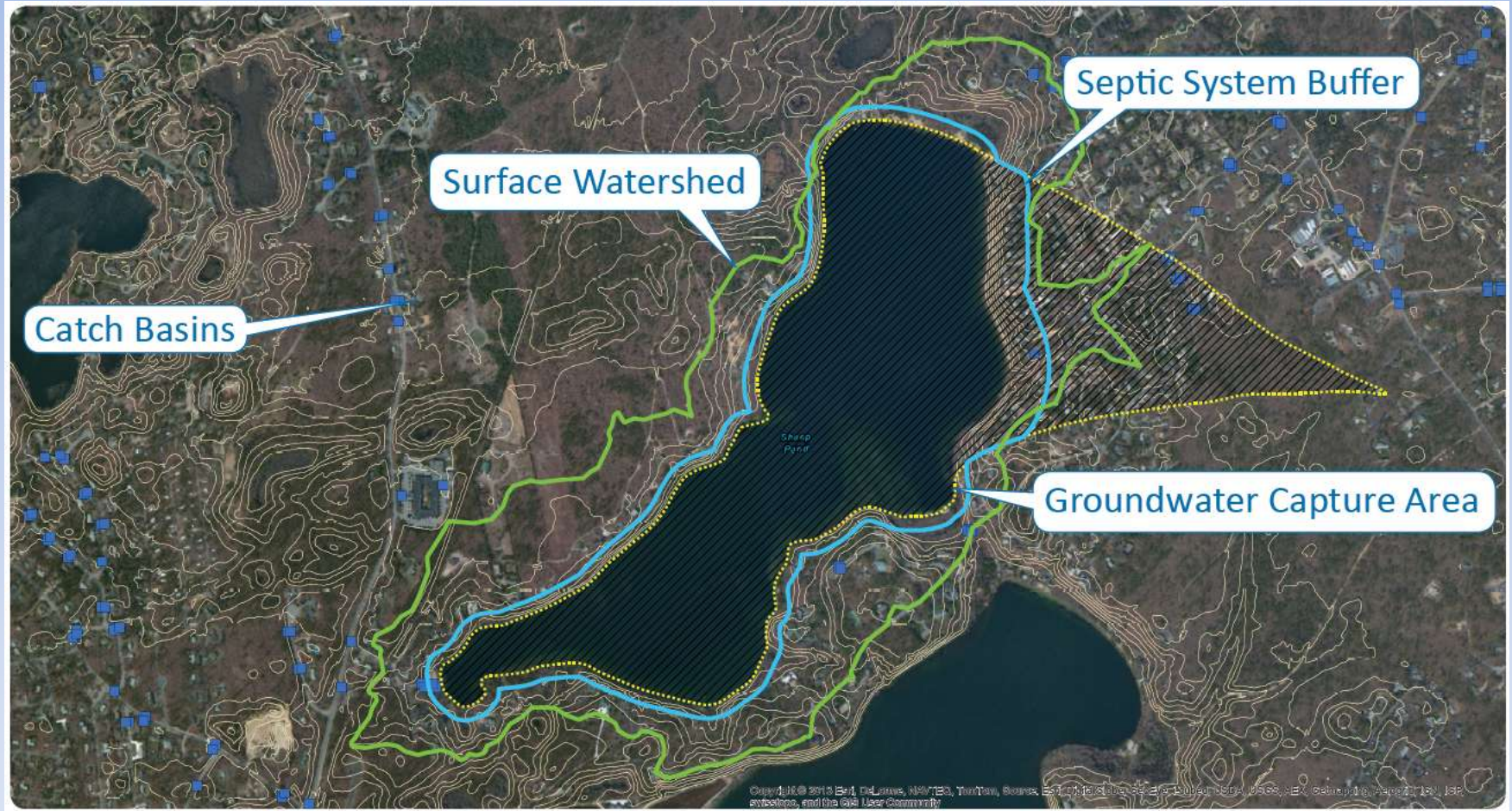
Watershed Management

- What can we do **NOW** to minimize long-term phosphorus inputs to Brewster's Ponds?
- Sources we can manage include stormwater, fertilizer and septic system effluent.

ELBOW POND



SHEEP POND





CAVOSSA DISPOSAL

Proposed Stormwater Management Program

1. Stormwater Management Bylaw
2. Stormwater Management Regulations
3. Amendments to the Zoning Bylaws based on new regulations

Applicability- Draft

- All new development, redevelopment, or activity in the town that will result in a change in rate, volume, or quality of runoff
- Exemptions:
 - Single family development/redevelopment that disturbs or alters < 5,000 sf (Under Debate)
 - Multi-family and non-residential uses that disturb or alter 2,500 sf of property area
 - Normal maintenance/improvements of Agricultural lands
 - Utility maintenance
 - Emergency road and drainage repairs

Implications

- Town Road Improvements
- Single Family Homes
- Extent of Redevelopment

ELBOW POND





Scott's
APPLY IN
EARLY SPRING
February - April

Prevents Crabgrass!
Greener Lawn - Guaranteed!

More Greening Power
Turf Builder that builds with Halts

Scott's
Super Turf Builder
Halts Crabgrass Preventer

EARLY SEASON LAWN FERTILIZER AND CRABGRASS PREVENTER

- Delivers pre- and early post-emergent crabgrass control
- Prevents crabgrass, foxtail, oxalis and spurge all season long
- Exclusive timed-release formula builds thick, green lawns from the roots up without burning your lawn

Apply in Early Spring
FERTILIZER & CRABGRASS PREVENTER

Scott's
Lawn Pro
KILLS WEEDS!
GREENER LAWN - GUARANTEED!

APPLY ANYTIME
WEEDS ARE ACTIVELY GROWING

Scott's
SUPER TURF BUILDER
PLUS 2 WEED CONTROL

LAWN FERTILIZER AND BROADLEAF WEED CONTROL

GROWS YOU A THICKER, GREENER LAWN THAN REGULAR TURF BUILDER® WITH PLUS 2® WEED CONTROL

- KILLS Dandelion AND OTHER MAJOR LAWN WEEDS
- NO MOWING IN YOUR LAWN - GUARANTEED!

Scott's
Lawn Pro
COVERS 5,000 SQ. FT.
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Scott's
Lawn Pro
KILLS WEEDS!
GREENER LAWN - GUARANTEED!

APPLY ANYTIME
WEEDS ARE ACTIVELY GROWING

Scott's
SUPER TURF BUILDER
SUMMERGUARD

LAWN FERTILIZER AND INSECT CONTROL

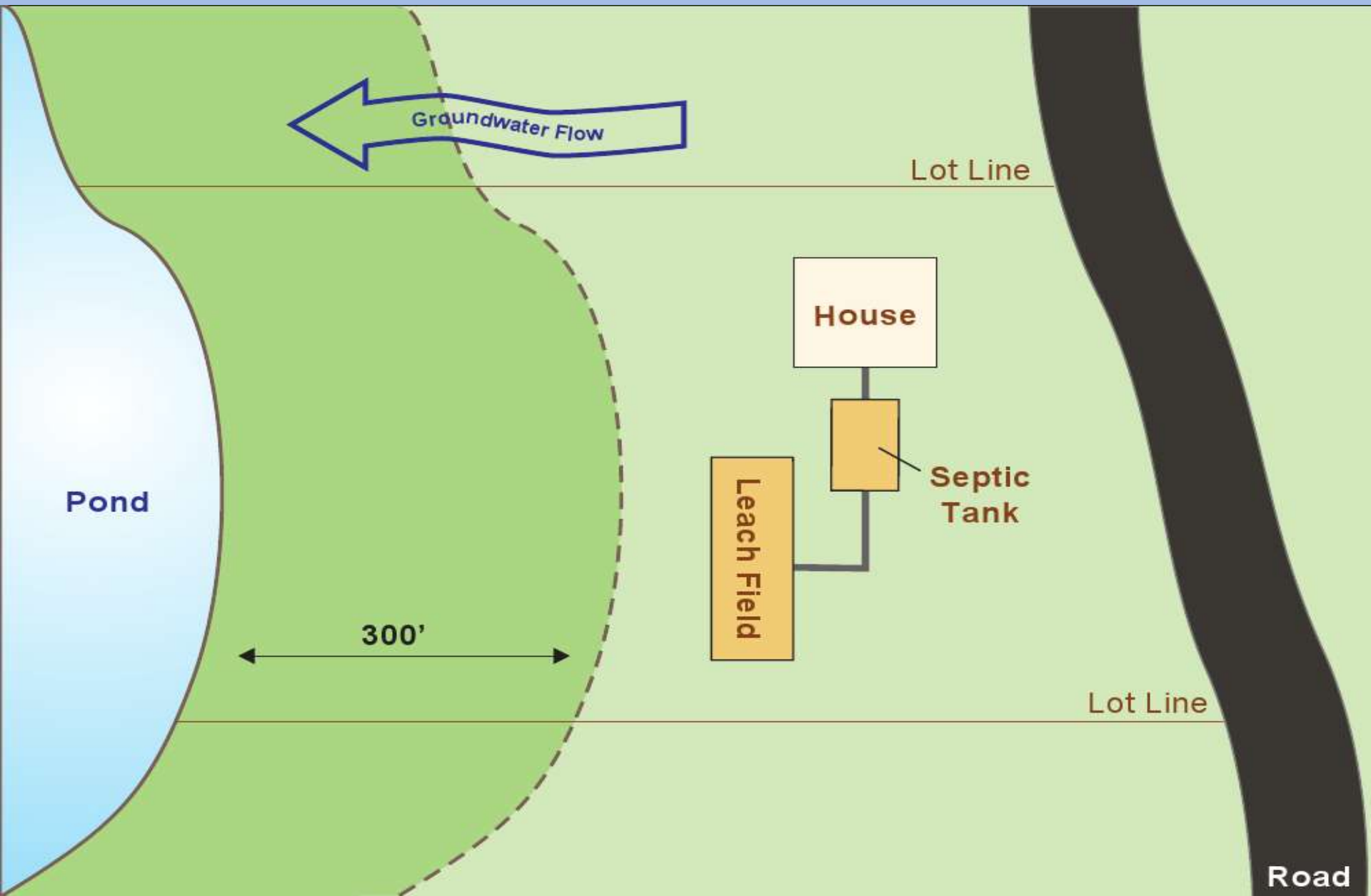
GROWS YOU A THICKER, GREENER LAWN THAN REGULAR TURF BUILDER® WITH SUMMERGUARD®

- KILLS CRABGRASS, FOXTAIL, OXALIS AND SPURGE
- KILLS INSECTS - GUARANTEED!

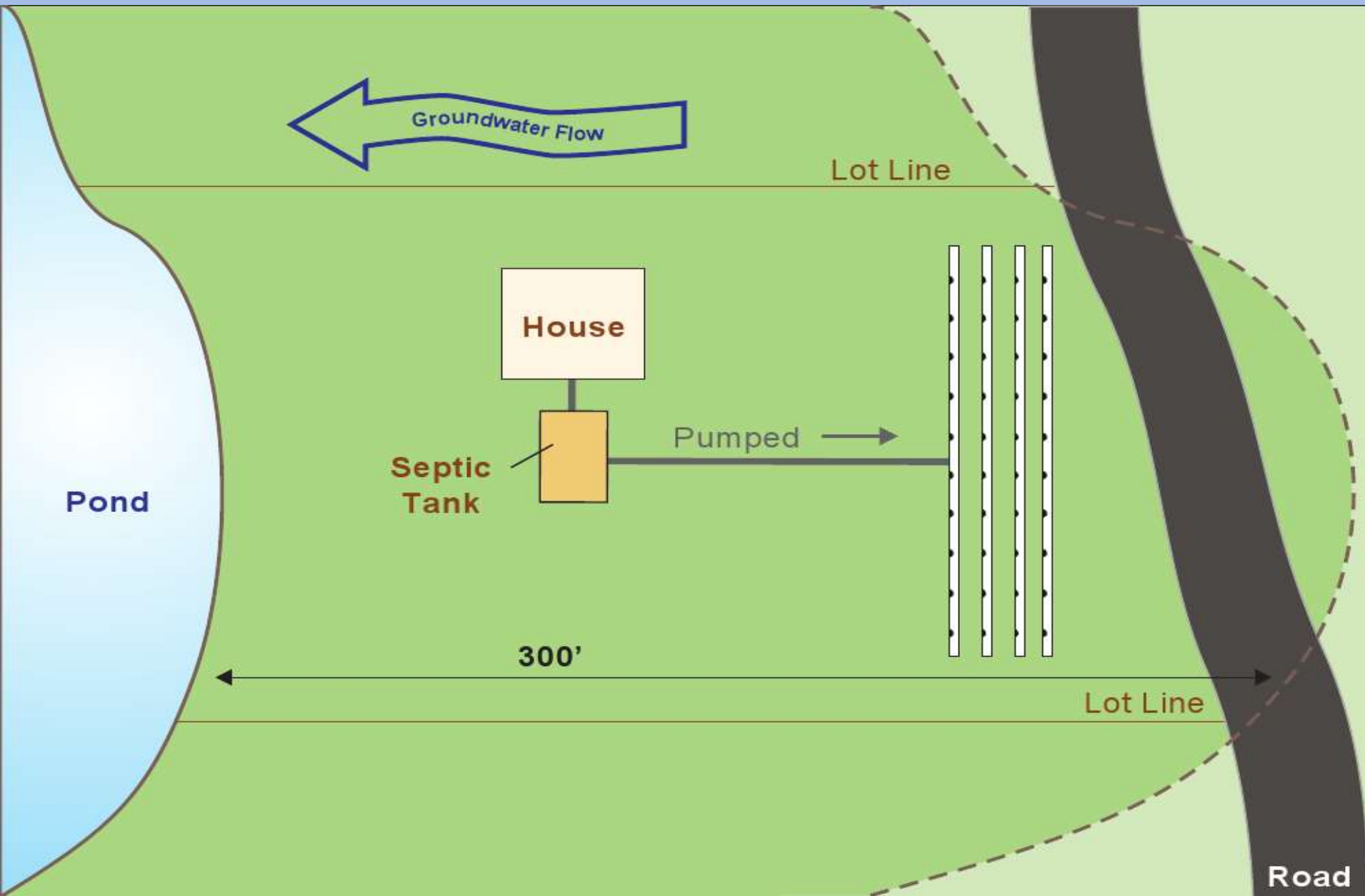
Scott's
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COVERS 5,000 SQ. FT.
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Septic Management Near Ponds



Septic Management Near Ponds



THANK YOU!

Mark Nelson, P.G.

mnelson@horsleywitten.com

Sue Leven, AICP

sleven@brewster-ma.gov