

Stanley Brook Watershed Survey

Mount Desert Island
Water Quality Coalition

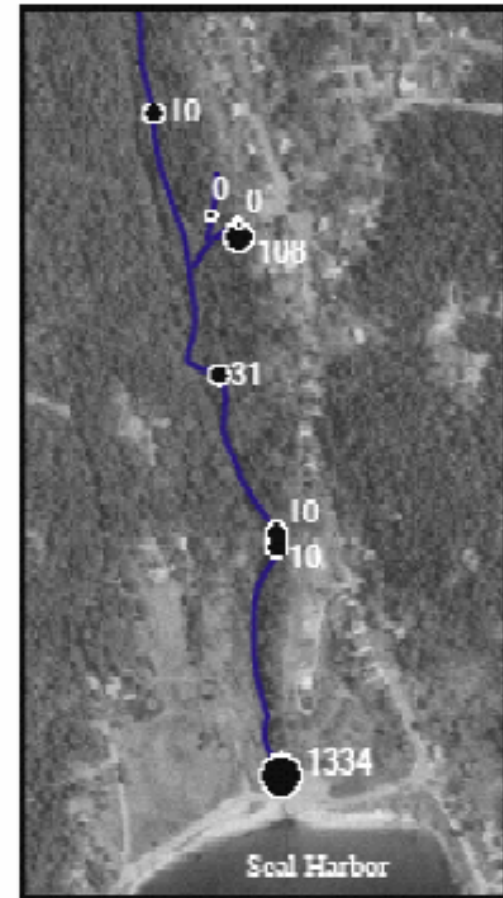


www.mdiwqc.org

Integrated Shoreline Survey and Watershed Survey

To comprehensively understand where pollution is occurring in the watershed in order to address citizen concern for both human and watershed health

Enterococcus Counts in Stanley Brook on August 12, 2004



Colonies of Enterococcus
per 100 mL water

- < 61
- > 61 but < 1000
- > 1000

Miles
0 0.05 0.1 0.15

EPA maximum
for safe swimming
in freshwater is
61 colonies.

Goals for the Stanley Brook Watershed Survey

- Identify types of pollution affecting the watershed and locate possible sources
- Engage local citizens in protecting the health of their watershed
- Recommend mitigation strategies
- Create a model for coastal watershed surveys in Maine



Non-profit / Municipal / State Collaboration



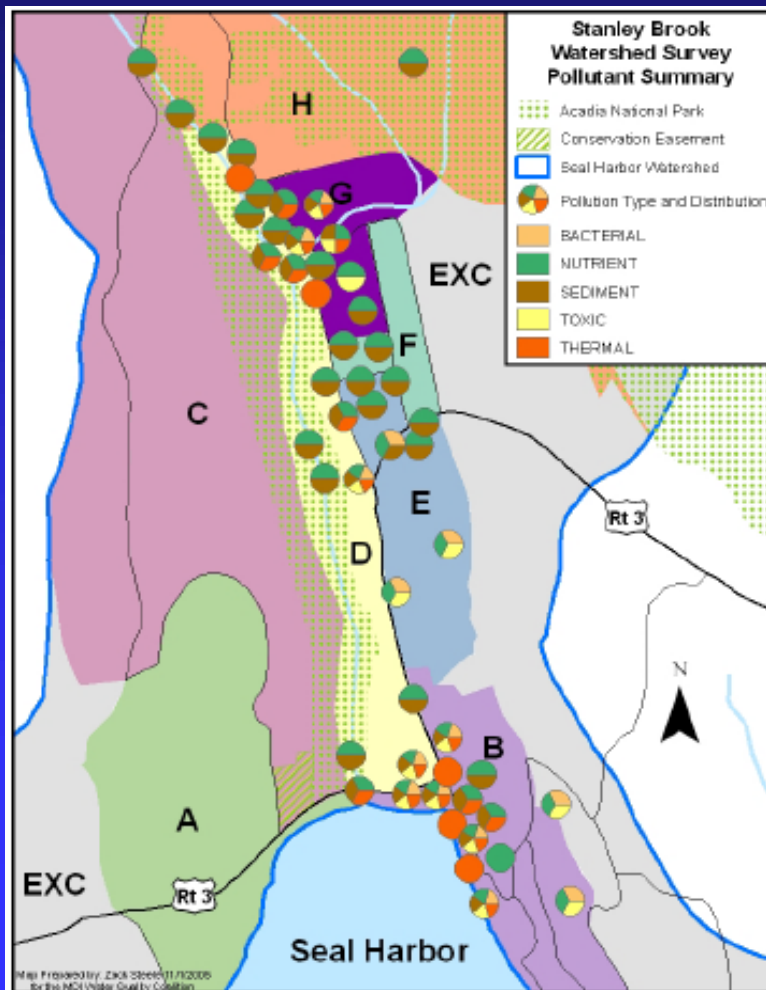
The Maine Healthy
Beaches Program
brought together
officials from the
Town of Mount
Desert and the MDI
Water Quality
Coalition

Volunteer Powered Model

- Americorps Volunteer Leader & Project Manager
- Advisory Board
- Local Citizens
- Local Private Funding



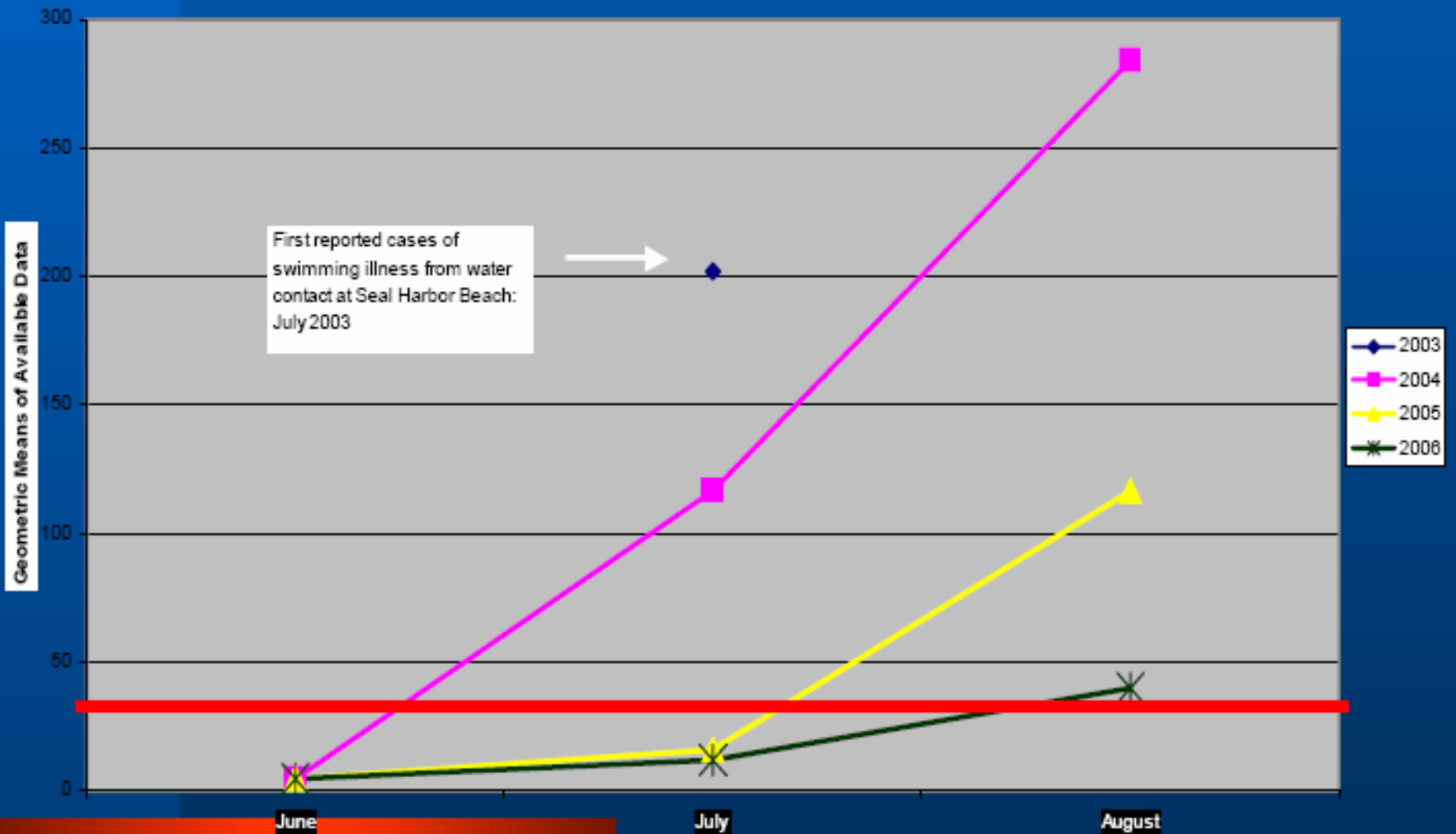
Survey Finding & Products



- Type of Pollutants
- Severity of Pollutants
- Distribution of Pollutants
- Final Report and Action Plan
- Maps

Impact of the Survey

Enterococcus Levels at Rte. 3 Bridge
At Seal Harbor Beach



New Town Ordinance



- Dictates that all above ground private sanitary sewers must be inspected on or before June 1st of each year
- Requires conformance with local, state, and federal regulations
- Addresses Sewer Pipe Materials and Installation (HDPE, PVC, Ductile Iron Pipe)
- Prohibits construction on town property

Mount Desert Island Water Quality Coalition



Engaging citizens of all ages in preserving and improving the water quality of Mount Desert Island through meaningful environmental research and community education.