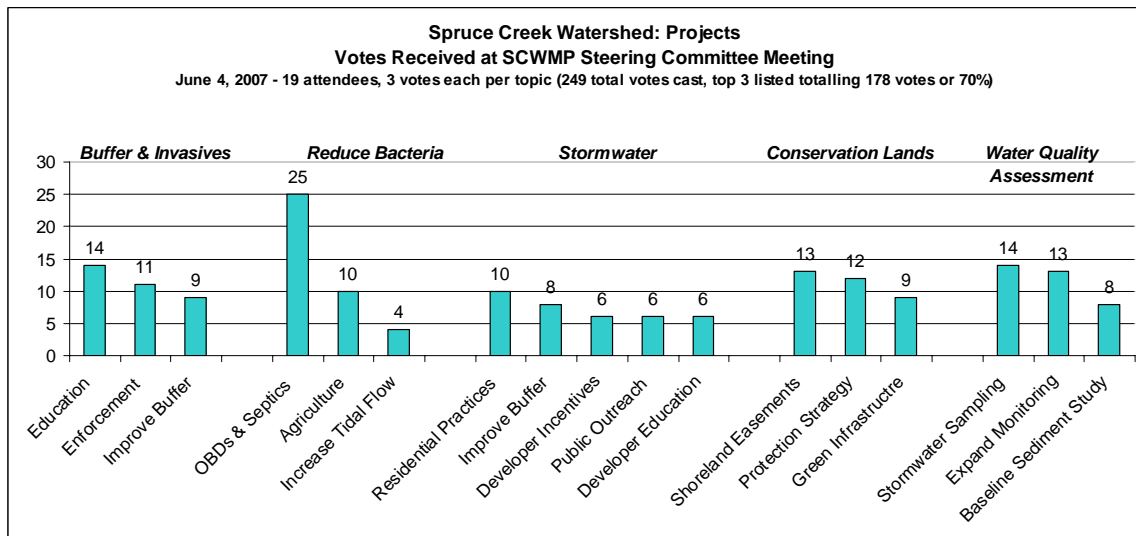


# Spruce Creek Watershed-Based Management Plan

## Kick-off Meeting: Preliminary Results

June 4, 2007 ~ Kittery Town Hall



### 1. Protect and restore vegetated buffers / control invasive plants (55 votes)

<b>14</b>	Educate landowners (e.g., neighborhood meetings; public and private demonstration projects)
<b>11</b>	Encourage stricter enforcement of shoreland zoning regs and increase fines / penalties (e.g., require replantings and consider mandatory community service in lieu of fines)
<b>9</b>	Consider quality and quantity of overall buffer / incentivize voluntary increases
<b>7</b>	Consider habitat impacts / promote or discourage certain habitat types (e.g., vernal pools, phragmites); also review Beginning with Habitat marine species maps
<b>4</b>	Solicit donated time from landscapers / promote landscaper certification; also consider using youth / service learning (e.g., Youth Conservation Corps, Kittery Outdoor Academy (KODA))
<b>4</b>	Encourage use of native over invasive plants
<b>3</b>	Produce signs to delineate watershed boundaries
<b>3</b>	Include shoreland buffer considerations in land conservation projects (e.g., ATV concerns)

### 2. Reduce bacteria loads / open shellfish beds (44 votes)

<b>25</b>	Consider assessing potential impacts from OBDs and septic systems (e.g., hold
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Spruce Creek Watershed-Based Management Plan

	“septic socials” and establish septic system tracking program); if awarded, 319 grant will include septic and sewer system assessment (Admiralty Village)
10	Assess potential agricultural impacts including other livestock (horses); different types will require different management strategies
4	Increase tidal flow by reducing tidal restrictions
3	Visit UNH Stormwater Center – great informational resource
2	Promote pet waste management

**3. Treat impervious surfaces / minimize stormwater impacts (49 votes)**

10	Encourage residential stormwater prevention practices (e.g., rain gardens / barrels)
8	Improve conditions in 100’ buffer zone
6	Create developer incentives (e.g., tax rebates?) – already done to some extent with Comp Plan
6	Conduct public outreach and encourage more business involvement
6	Identify missed opportunities by developers who still fully comply with ordinance; promote greater awareness / involvement through Planning Dept. and pre-development / permitting seminars
3	Recognize / award businesses using impervious cover (road, rooftop, parking, lawns, etc.) reduction practices
3	Consider IC impacts of lawns
3	Conduct ordinance review to determine if requirements provide adequate protections
2	Consider establishing stormwater utility fee
2	Consider including impervious cover requirements in ordinance to promote more protective practices; incentivize by reducing stormwater utility fee
0	Continue working with Maine Department of Transportation’s (MDOT) Surface Water Quality Protection (SWQPP) program
0	Conduct post-development follow up assessment

**4. Increase conservation lands within Spruce Creek Watershed (46 votes)**

13	Promote shoreland conservation easements for riparian buffer (to be held by Town)
12	Strategize a protection approach
9	Encourage “green infrastructure” whenever and wherever possible to reduce

## Spruce Creek Watershed-Based Management Plan

	municipal costs; use Conservation Commission and local land trust to greatest extent possible
<b>6</b>	Establish / implement protections for Town's open spaces
<b>4</b>	Promote municipal / town-wide overview for watershed projects (as part of Open Space plan)
<b>2</b>	Combine incentives with enforcement
<b>0</b>	Enhance access to open spaces (also consider potential negative effects from doing so)
<b>0</b>	Use conservation or open space subdivisions to remove certain percentage of lots from shoreland zone

### **5. Water Quality assessment and evaluation (55 votes)**

<b>14</b>	Conduct stormwater sampling in spring and fall (e.g., wet-dry / hi-lo tide bacteria sampling)
<b>13</b>	Consider expanding existing monitoring program
<b>8</b>	Conduct baseline sediment study (including benthic communities)
<b>6</b>	Link management strategies to measurable results
<b>6</b>	Create photo baseline of shoreland conditions
<b>6</b>	Determine impact of Navy yard and Piscataqua on Spruce Creek
<b>2</b>	Find more funding to increase volunteer efficiency (e.g., datasondes)
<b>0</b>	Create watershed database for use with Town GIS data layers
<b>0</b>	Establish chemical spill assessment program

### **Attendees**

- Clayton Smith, Eliot Conservation Commission
- Dan Blanchette, Administrative Assistant to the Board of Selectmen, Town of Eliot
- Dick Loehr, Steering Committee, Spruce Creek Association
- Don Kale, Maine DEP
- Fred Dillon, FB Environmental
- Forrest Bell, FB Environmental/YCS&WCD
- Glenn Shwaery, Kittery Town Council
- Jack McArdle, Kittery Shellfish Conservation Commission
- John T. "Jack" Murphy, Chair, Board of Selectmen, Eliot
- Jonathan Carter, Town Manager, Town of Kittery
- Jude Battles, Plant Manager, Robert's Maine Grill & Bob's Clam Hut
- Karen Young, Board Member, Kittery Land Trust

## Spruce Creek Watershed-Based Management Plan

- Ken Lemont, Kittery Shellfish Conservation Commission
- Phyllis Ford, Steering Committee, Spruce Creek Association
- Steve Hall, Kittery Conservation Commission
- Susan Emery, resident, SCA member, and former “Spruce Creek Steering Committee” member
- Tin Smith, WNERR
- Will Brewster, Steering Committee, Spruce Creek Association