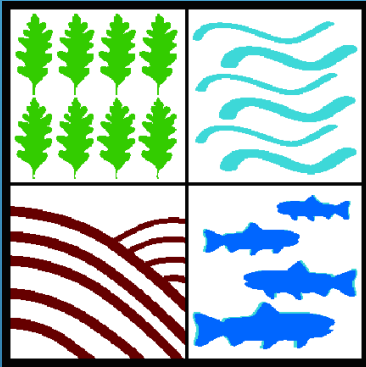


Baker Cove Watershed Committee Meeting

February 5, 2020

Maura Robie, Conservation Technician
Eastern Connecticut Conservation District



THE EASTERN CONNECTICUT CONSERVATION DISTRICT, INC.

A NOT-FOR-PROFIT
NATURAL RESOURCE CONSERVATION
ORGANIZATION

Primary Activities:

1. Promote best management practices and implement projects to reduce pollution.
2. Research land use and water quality to develop management plans.
3. Engage residents & towns to raise awareness of natural resource concerns and present workshops on natural resource topics.
4. Assist town land use commissions with environmental reviews of development plans and provide technical assistance to residents.
5. Conduct projects that demonstrate or test new conservation methods.

AGENDA



1) Introductions

2) Review of committee purpose (for newcomers)

3) Baker Cove Watershed Work Plan Draft:

a. Finalize work plan

b. Groton Councils - resolution to endorse the Baker Cove WBP

c. Committee Member progress reports

4) City of Groton Community Resiliency Plan

5) To Do's for next meeting

2011

Baker Cove Trackdown Survey and Abbreviated Watershed-based Plan



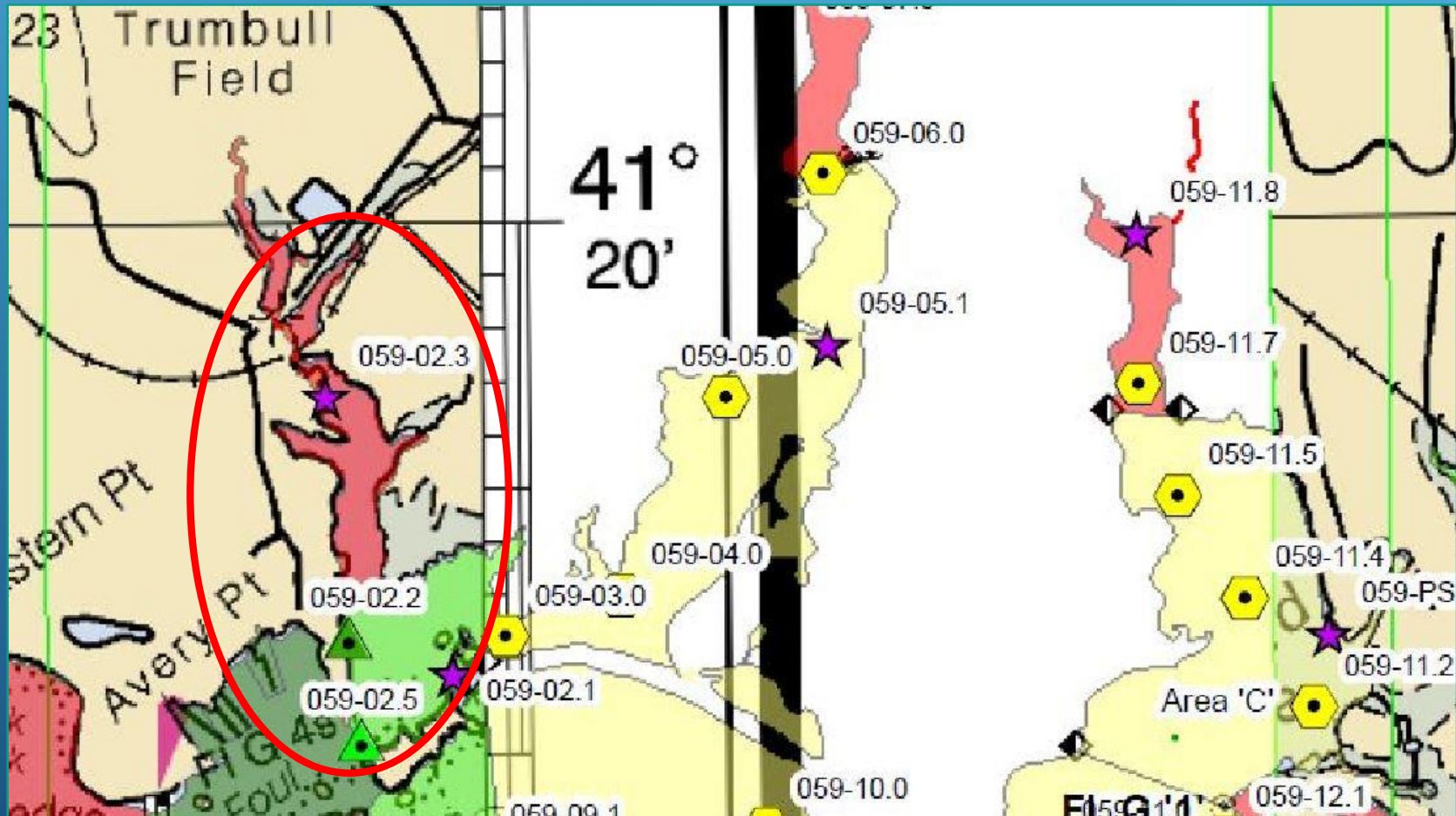
- Baker Cove impaired for direct shellfish consumption (where permitted) due to elevated levels of fecal coliform bacteria*.
- Possible non-point sources: waterfowl, unspecified urban stormwater, marina/boating sanitary on-vessel discharges, and pet waste/other pollutants from residential districts.
- Carry out recommendation strategies to reduce fecal coliform bacteria in Baker Cove.

*listed in 2008, 2010 & 2016 State of Connecticut Integrated Water Quality Reports



Three watersheds drain into Baker Cove, a .31 square mile sub-estuary of Fisher Island Sound.

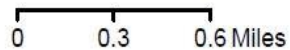
Shellfish Area Classifications



Groton 3

Classification Effective Date:
05/01/14

Map Date: 9/29/2015



Map not intended
for navigation

Department of Agriculture/Bureau of Aquaculture
tel: 203-874-0696 e-mail: dept.agriculture@snet.net

Shellfish Area Classifications

Line

Shellfish Classification 08/13/15

- Approved
- or Conditionally Approved
- or Restricted
- or Conditionally Restricted
- or Prohibited

Sampling Stations

- Approved
- Conditionally Approved
- CA-Pending MOU
- Restricted
- Conditionally Restricted

- Prohibited
- Special Study
- Demarcation buoy or sign
- Flagpole/Tower/Piling/Pier
- Navigational buoy/Lighthouse
- Status signal disk
- State
- Town
- Town Shell



BAKER COVE WATERSHED WORK PLAN **DRAFT** – PARTNER INPUT

▶ Baker Cove WS work plan



Microsoft Excel
Worksheet

- Completed Activities - City of Groton MS4 annual report?
- Other: create new goal or add to other goals?
- Finalize

▶ Baker Cove Cover Letter/Executive Summary



PDF File

▶ Committee member progress reports

CITY OF GROTON COMMUNITY RESILIENCY PLAN

- City - developing a resiliency plan to respond to anticipated long range changes from climate change, sea level rise (SLR), and increased storm frequencies /intensities
- National Fish and Wildlife Foundation's Long Island Sound Futures Fund (LISFF) Grant - provide aid in forming initial stages of the Community Resiliency Plan - Request for Proposal out now
- **Public workshops** - inform / educate, gage knowledge on issues City faces and impacts to health of Long Island Sound

TO DO'S FOR NEXT MEETING:

- ▶ ECCD-Baker Cove Watershed Committee webpage
<https://conservect.org/eastern/watershed-committees/>
- ▶ Link to City of Groton Baker Cove Projects info webpage
<http://cityofgroton.com/ped/projects-and-reports/baker-cove-watershed-and-birch-plain-creek/>
- ▶ Share links with 2 colleagues
- ▶ Pick activity to work on and report on progress

Meeting dates for 2020: **April 1, June 3,
August 5, Oct. 7, Dec. 2 (10-11:30)**

Canada Goose Project Partner Updates

Non-Migratory Canada Goose Management Matrix

Site location	Geese usage	Current Management	Management Recommendation/ Improvement
Shennecossett Golf course	Feeding in Winter & Spring. Gone in summer. No water features on course - no nests observed.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	Continued harassment with dog & noisemakers by Golf course Manager (Town of Groton)
Claude Chester Elementary School	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	<ol style="list-style-type: none"> 1. Radio-controlled model Truck 2. Chemical repellent Anthranquinone (AQ) or Chemical repellent Methyl anthranilate.
Poquonnock Plains Park	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	<ol style="list-style-type: none"> 1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone (AQ) or Chemical repellent Methyl anthranilate.
Fitch Middle school (closed)	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	<ol style="list-style-type: none"> 1. Continued harassment with dog & noisemakers by Golf course Manager (Town of Groton). 2. Radio-controlled Model Truck 3. Chemical repellent

Canada Goose Project Partner Updates

Non-Migratory Canada Goose Management Matrix

Site location	Geese usage	Current Management	Management Recommendation/Improvement
Groton-New London Airport	Nesting sites nearby – goslings observed	Noisemakers Depredation permit	<ol style="list-style-type: none"> 1. Continue harassment with noisemakers 2. Carry out depredation permit 3. Apply for CT DEEP permit for Goose Round-Up 4. Deer/goose fence being installed along water
Groton Utilities - Water Filtration Plant grounds	Feeding, nesting	Egg addling, modified mowing practices on dams (minimum 4" – max 1') Past Practices Depredation permit Hunting discontinued Balloons/ glass eyes Noise makers Decoys & fox urine Electric Fencing Dog service Vegetative buffer	<ol style="list-style-type: none"> 1. Apply for CT DEEP permit for Goose Round-Up for summer 2019. Continue Egg addling 2. Post CT DEEP educational signage & replace "do not feed geese" signage at strategic locations. 3. Post educational "Do not feed wildlife" brochure on City of Groton & GU websites. 4. Work with ECCD for location of vegetative buffer within GU watershed when new filtration plant is complete - 2021.

Canada Goose Project Partner Updates

Non-Migratory Canada Goose Management Matrix

Site location	Geese usage	Current Management	Management Recommendation/Improvement
Eastern Point beach & Washington Park (Lake George)	Feeding, no known nesting.	City hires trained dog contractor.	1. Educational signage posting Lawn & ballfield areas: 2. Radio-controlled Model Truck 3. Chemical repellent Anthranquinone or Methyl anthranilate
UCONN – Avery Point	Feeding	None	1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone or Methyl anthranilate
UCONN – Eastern Point Road pond	Feeding, nesting	Vegetative buffer around pond.	1. Education – Do Not Feed waterfowl signs 2. Chemical repellent Anthranquinone or Methyl anthranilate
Pfizer	Feeding, Nesting in past / Current observations on Pfizer campus	Harassment Past - Effigies (swan) in Koi Pond	1. Habitat modification where practicable. 2. Goose Round-up or depredation permit
Electric Boat	Feeding, nesting	Hire trained dog contractor	1. At new construction site - add vegetative buffers along Thames River where practicable. 2. Goose Round-up or depredation

Canada Goose Project Partner Updates

Non-Migratory Canada Goose Management Matrix

Site location	Geese usage	Current Management	Management Recommendation/ Improvement
Fitch High School - Football field	Feeding	Unknown	1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone or Methyl anthranilate
Private homeowners in the neighborhoods of Jupiter Point, Shennecossett Road, Beach Pond Road, Shore Avenue, and Circle Avenue	Potential is high with lawns close to water and very few buffers.	Unknown	Recruit local daisy or girl scout troop to canvass neighborhoods handing out literature door-to- door. 2/6 Reached out to Groton area girl scouts, may be interested, attend a monthly leaders meeting.
All areas within Baker Cove watershed			Create a Baker Cove watershed committee to address other sources of non-point pollution to have a larger impact in reducing fecal coliform bacteria in and around Baker Cove.