

Non-Migratory Canada Goose Management Matrix

5-6 mile radius around Baker Cove, Groton, CT

Site location	Geese usage	Current Management	Current Effectiveness	Current Cost	Management Recommendation/ Improvement	Projected Cost	Health/Safety threat level (low, med, high) **
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)	17 years ago - @ 500 geese, now @30-40, continued harassment necessary	Town staff (Eric Morrison) salary @ 1-2 hours a day / Winter & Spring	Continued harassment with dog & noisemakers by Golf course Manager (Town of Groton)	Same as current	low
Claude Chester Elementary School	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	Continued harassment necessary	Town staff (Eric Morrison) salary - 5 minutes, 1-2X/day Winter & Spring	1. Radio-controlled model Truck 2. Chemical repellent Anthranquinone (AQ) or Chemical repellent Methyl anthranilate. Refer to recommendations: ①, ②, ④	1. Estimated cost of model 'Monster truck' from \$20 – \$200. 2. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600 /acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	high
Poquonnock Plains Park	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	Continued harassment necessary	Town staff (Eric Morrison) salary - 5 minutes, 1-2X/day Winter & Spring	1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone (AQ) or Chemical repellent Methyl anthranilate. Refer to recommendations: ①, ②, ④	1. Estimated cost of model 'Monster Truck' from \$20 – \$200. 2. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600 /acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	high
Fitch Middle school (closed)	Feeding in Winter & Spring. Gone in summer.	Continued harassment with dog & noise makers by Golf course Manager (Town of Groton)	Continued harassment necessary	Town staff (Eric Morrison) salary - 5 minutes, 1-2X/day Winter & Spring	1. Continued harassment with dog & noisemakers by Golf course Manager (Town of Groton). 2. Radio-controlled Model Truck	1. same as current 2. Estimated cost of model 'Monster Truck' from \$20 – \$200. Salary of staff.	high – if fields are being used

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Fitch Middle school (cont'd)					3. Chemical repellent Anthranquinone (AQ) or Chemical repellent Methyl anthranilate. Refer to recommendations: ①, ②, ④	3. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600 /acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	
Groton-New London Airport	Nesting sites nearby – goslings observed	Noisemakers Depredation permit	Moderate - Continued harassment necessary	\$5,000/year - pyrotechnics & salary of grounds crew.	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	1. \$5,000/year - pyrotechnics & salary of grounds crew.	high
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	High Moderate N/A Low Low Low Moderate Moderate Low	Addling eggs estimated \$4,000/yr Permit - no charge for municipalities	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.	1. Cost of Goose Round-Up TBD. 2. Estimated \$240 for signs & CT DEEP free signs. 3. Cost to print brochures. 4. Vegetative buffer cost TBD. All - Salary of staff.	low – Geese are nuisance but not health or safety issue. However public perception may be "medium"
Ocean Beach Park, New London	E-bird reports: Nest reported on 5/6/18. From 2-25 geese observed from March to end of May, 2018.	None	Manager does not think they are having any issues currently due to more coyote presence.	None	1. Educational signage posting 2. Continue to monitor for issues & refer to recommendations: ①, ②, ③	1. Free CT DEEP signs	low

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Eastern Point beach & Washington Park (Lake George)	Feeding, no known nesting.	City hires trained dog contractor.	Works well - Continued harassment necessary	\$21,000/year	1. Educational signage posting Lawn & ballfield areas: 2. Radio-controlled Model Truck 3. Chemical repellent Anthranquinone or Methyl anthranilate Refer to recommendations: ①, ②, ④	1. Free CT DEEP signs 2. Estimated cost of model 'Monster Truck' from \$20-\$200. 3. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600/acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	high
Navy Submarine base – Goose Run Golf course & recreation fields	Problems with geese on fields.	Rec fields – Methyl anthranilate, Strobe lights	Methyl anthranilate not waterproof. Strobe lights – unknown.	Methyl anthranilate - approximately \$200/acre. Strobe lights – unknown.	1. Radio-controlled Model Truck 2. Goose Round-up or depredation permit Refer to recommendations: ①, ②, ④	1. Estimated cost of model 'Monster truck' from \$20 – \$200. 1. Cost of Goose Round-Up TBD.	high
UCONN – Avery Point	Feeding	None	Not effective	None	1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone or Methyl anthranilate Refer to recommendations: ①, ②, ④	1. Estimated cost of model 'Monster Truck' from \$20 – \$200. 2. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600/acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	high
UCONN – Eastern Point Road pond	Feeding, nesting	Vegetative buffer around pond.	low	unknown	1. Education – Do Not Feed waterfowl signs 2. Chemical repellent Anthranquinone or Methyl anthranilate	1. Free CT DEEP signs 2. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600/acre. <i>Flight Control Plus</i> is approximately \$200/acre.	medium

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UCONN – Eastern Point Road pond (Cont'd)					3. Continue to monitor for issues and refer to recommendations: ①, ②	3. TBD All - Salary of staff.	
Pfizer	Feeding, Nesting in past / Current observations on Pfizer campus	Harassment Past - Effigies (swan) in Koi Pond	Moderate	unknown	1. Habitat modification where practicable. 2. Goose Round-up or depredation permit Refer to recommendations: ①, ②	1. Grass/wildflower seed mixture: \$110-300/acre Shrubs: \$1400/acre (not including labor) ③	medium
Electric Boat	Feeding, nesting	Hire trained dog contractor	Continued harassment necessary	unknown	1. At new construction site - add vegetative buffers along Thames River where practicable. 2. Goose Round-up or depredation permit Refer to recommendations: ①, ②	1. Grass/wildflower seed mixture: \$110-300/acre Shrubs: \$1400/acre (not including labor) ③	medium
Incomplete data locations / Other							
The Shennecossett Beach Club pond	Feeding, in pond	Unknown	low	Unknown	1. Add vegetative buffer. Refer to recommendations: ①, ②	1. Grass/wildflower seed mixture: \$110-300/acre Shrubs: \$1400/acre (not including labor) ③	medium
Fitch High School - Football field	Feeding	Unknown	low	Unknown	1. Radio-controlled Model Truck 2. Chemical repellent Anthranquinone or Methyl anthranilate	1. Estimated cost of model truck from \$20 – 50. 2. Cost for Brand name <i>Rejex-it Migrate</i> is approximately \$600/acre. <i>Flight Control Plus</i> is approximately \$200/acre. All - Salary of staff.	high

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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	Unknown	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.	Cost to print brochures	
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.	ECCD – Grant funded	

** Wherever geese are feeding, they are defecating. Threat level examples are: If geese are defecating in a school playground area, the threat level could be considered 'high' due to potential for sickness from fecal bacteria or geese are nesting in a public area and are aggressive toward people could be a 'high' threat level

Sources

- 1 USDA/APHIS Wildlife Damage Management Technical Series
https://www.aphis.usda.gov/wildlife_damage/reports/Wildlife%20Damage%20Management%20Technical%20Series/GeeseDucksCoots-WDM-Technical-Series.pdf
- 2 CT DEEP Resident Canada Goose Abatement Information
https://www.ct.gov/deep/lib/deep/wildlife/pdf_files/outreach/fact_sheets/gooseproblems.pdf
- 3 Indiana DNR – Solutions to Problem Geese
<https://www.in.gov/dnr/fishwild/3002.htm>
- 4 Deterring Canada Geese From School Playing Fields
<https://ecommons.cornell.edu/bitstream/handle/1813/44243/2015wheatcraft-NYSIPM.pdf?sequence=1>