



Conservation Commission

August 10, 2023, at 7:00 PM

Town Hall Auditorium

AGENDA

1. Pledge of Allegiance
2. Roll Call
3. Public Comment
4. Approve Meeting Minutes: July 13, 2023
5. Financial Summary
6. FY25 Proposed General Fund Budget
7. Committee/Board Reports
 - Town Council
 - Planning Board
 - Riverfront Advisory Committee/Schanda Park
 - Other Committee Reports: LRAC Stream Walk Survey
8. Initiatives
 - Pathways for People and Nature
 - Stream and Wildlife Crossings
 - Pollinator Pathways
9. Conservation Easement Monitoring: SELT Contract
10. Land Stewardship
 - Sliding Rock Conservation & Recreation Area: LRAC grant – approve expenditures
 - Piscassic River-Loiselle Conservation Area – approve final sign payment
 - Wiggin Farm: kiosk
11. Other Updates
 - Boulder Drive Trail
12. Adjourn

Town of Newmarket, New Hampshire					
Conservation Commission -- Conservation Fund FY24					
Items (date of motion)	Date of CC Approval -- Discussion	Date of Debit, Revenue, or Balance	Conservation Commission Fund	Richard Schanda Fund	TOTAL
		8/1/23	\$133,568.66	\$4,621.11	\$138,189.77
CREDITS					
Land Use Change Tax (LUCT)					
Other Contributions					
DEBITS THIS FISCAL YEAR					
APPROVED TO BE SPENT					
Piscassic River-Loiselle entrance sign (added \$300 12/8/22)	11/10/22	1/11/23	\$1,187.50		
LRAC Sliding Rock Community Grant Total: \$6,325*					
Sliding Rock kiosk panels graphic design - Cathy Arakelian	12/8/22		\$877.50		
Sliding Rock kiosk panels printing - Portsmouth Sign	12/8/22		\$1,050.00		
Sliding Rock property map - Greg DiSantos	12/8/22		\$455.00		
Wiggin Farm kiosk - materials	5/11/23		\$500.00		
NEW REQUESTS					
Balance of \$150 for the PR-L sign install			\$150.00		
*LRAC grant expenditures: \$2,000 hazard tree removal; \$500 trail assessment for accessibility; \$1,361.93 kayak rack and locks; kiosk signs \$2,382.50 = \$6,244.43					

Newmarket Conservation Commission Funds						
FY24		General Fund: 014611				
General Fund Budget		\$4,520.00				
	Date of motion or debit	Part-Time Salary	Contracted	Dues/ Subscriptions	General Supplies	Postage
BUDGETED		\$3,470.00	\$400.00	\$450.00	\$200.00	\$0.00
EXPENDED		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BALANCE		\$3,470.00	\$400.00	\$450.00	\$200.00	\$0.00
General Fund total balance (1Aug23)		\$4,520.00				
Notes:						

DRAFT TO DISCUSS and APPROVE at the August 10, 2023 CC meeting

Date: XXXXXXXXXX

To: Steve Fournier, Town Manager and Bart McDonough, Town Planner

From: Ellen Snyder, Chair, Conservation Commission

Re: FY25 General Fund Budget Request

The Conservation Commission is pleased to submit the following proposed FY25 General Fund Budget Request for consideration in the upcoming budget deliberations.

	FY23	FY24	FY25
Part-time Salaries	\$3,335	\$3,470	\$3,300
Contracted Services	\$300	\$400	\$1,000
Dues/Subscriptions	\$350	\$450	\$500
General Supplies	\$200	\$200	\$200
Postage	\$0	\$0	\$0
TOTAL	\$4,185	\$4,520	\$5,000

We are requesting a slight increase over the FY24 budget to cover expected expenditures. We anticipate contracting with the Southeast Land Trust to monitor several town-held conservation easements (“contracted services”), up to \$1,000 per year. The annual subscription dues for the New Hampshire Association of Conservation Commissions (NHACC) are \$500.

We are happy to discuss this request further and provide more details as needed.

Stream Walk Worksheet

Stream Name _____

County _____

State _____

Your Name _____

Monitoring Location

(general description and longitude/latitude)

Date _____

Time _____

Attach a photo or sketch your site:

Note features that affect stream habitat, such as riffles, runs, pools, ditches, wetlands, dams, rip rap, outfalls, tributaries, landscape features, logging, paths and roads. Include an arrow showing which way the stream is flowing, and another arrow showing 'north.'

Weather in the past 24 hours:

- Storm (heavy rain)
- Rain (steady rain)
- Showers (intermittent rain)
- Overcast
- Clear/Sunny

Weather Now:

- Storm (heavy rain)
- Rain (steady rain)
- Showers (intermittent rain)
- Overcast
- Clear/Sunny

1. Water Appearance

- Clear
- Turbid
- Milky
- Foamy
- Other _____
- Dark Brown
- Oily Sheen
- Orange/red
- Green

Notes _____

2. Water Odor

- None
- Sewage
- Chlorine
- Other _____
- Fishy
- Rotten Eggs
- Petroleum

Notes _____

3. Temperature

Air _____ °F °C
 Water _____ °F °C
 (circle temp. scale used)

(continued on next page)

4. Submersed Aquatic Plants

Are there submersed aquatic plants?
Yes _____ No _____

Where? _____
Identify or describe them: _____

5. Riparian Vegetation

Looking upstream, describe the streamside cover.

a) Note vegetation on streambank only and check boxes if present (left column is for left-hand side of stream; right column is for right-hand side).

- | | | |
|--|--|--------------------------|
| left | | right |
| <input type="checkbox"/> Evergreen trees | | <input type="checkbox"/> |
| <input type="checkbox"/> Hardwood trees | | <input type="checkbox"/> |
| <input type="checkbox"/> Bushes, shrubs | | <input type="checkbox"/> |
| <input type="checkbox"/> Tall grasses, ferns, etc. | | <input type="checkbox"/> |
| <input type="checkbox"/> Lawn | | <input type="checkbox"/> |
| <input type="checkbox"/> Boulders/rocks | | <input type="checkbox"/> |
| <input type="checkbox"/> Gravel/sand | | <input type="checkbox"/> |
| <input type="checkbox"/> Bare soil | | <input type="checkbox"/> |
| <input type="checkbox"/> Pavement/structures | | <input type="checkbox"/> |

b) Note vegetation from the top of streambank back 66 feet.

- | | | |
|--|--|--------------------------|
| left | | right |
| <input type="checkbox"/> Evergreen trees | | <input type="checkbox"/> |
| <input type="checkbox"/> Hardwood trees | | <input type="checkbox"/> |
| <input type="checkbox"/> Bushes, shrubs | | <input type="checkbox"/> |
| <input type="checkbox"/> Tall grasses, ferns, etc. | | <input type="checkbox"/> |
| <input type="checkbox"/> Lawn | | <input type="checkbox"/> |
| <input type="checkbox"/> Boulders/rocks | | <input type="checkbox"/> |
| <input type="checkbox"/> Gravel/sand | | <input type="checkbox"/> |
| <input type="checkbox"/> Bare soil | | <input type="checkbox"/> |
| <input type="checkbox"/> Pavement/structures | | <input type="checkbox"/> |
| <input type="checkbox"/> Agricultural fields | | <input type="checkbox"/> |
| <input type="checkbox"/> Pasture | | <input type="checkbox"/> |

6. Canopy Cover

Pick the category that best describes how much vegetation shades the stream at your site.

- 0% 25% 75% 100%

Notes on vegetation: _____

7. Bottom Substrate

Record the materials that make up the stream bottom.

Bottom types:

- Bedrock
- Boulder (>10 inches)
- Cobble (2.5 inches - 10 inches)
- Gravel (0.1 inches - 2.5 inches)
- Sand (<0.1 inches)
- Silt
- Other (include organics)

Notes on substrate: _____

8. Stream Discharge Estimate

Stream width: _____ feet
(a)

Depth measurements:

_____ ft.
_____ ft.
_____ ft.
_____ ft.
_____ ft.

_____ total / 5 = _____ avg. depth
(b)

Velocity: Time (per 20 ft)

_____ sec.
_____ sec.
_____ sec.

_____ total

divide total by number of trials

_____ / 3 = _____ secs. (avg.)

Velocity = foot/second

20 ft. / _____ sec. (avg. time)

= ft./sec.
(c)

Discharge: (width x depth x velocity)

_____ feet x _____ feet x _____ ft./sec. =
(a) (b) (c)

= ft³/sec.

9. Watershed Features

(within about ¼ mile of the site – upstream)

Adjacent land used can impact the stream. Check "1" if present, "2" if clearly having an impact on the stream:

- 1 2 **Residential**
- single-family housing (dense)
 - single-family housing (>1 acre lots)
 - multifamily housing
 - lawns
 - commercial/institutional

- 1 2 **Roads, etc.**
- paved roads, parking lots, bridges
 - unpaved roads

- 1 2 **Construction underway on:**
- housing development
 - commercial development
 - road or bridge building/repair

- 1 2 **Agricultural**
- grazing land (pastures)
 - feed lots, animal holding areas
 - cropland (type _____)
 - inactive agricultural land

- 1 2 **Recreation**
- golfing
 - camping
 - swimming/fishing/canoeing
 - hunting land/natural

- 1 2 **Other**
- mining
 - logging
 - industry
 - sanitary landfill
 - sewage treatment plant
 - dams

10. Channel Alteration

Has the stream been channelized?

Yes _____ No _____