

# Manchester Urban Ponds Restoration Program

City of Manchester Environmental Protection Division

300 Winston Street

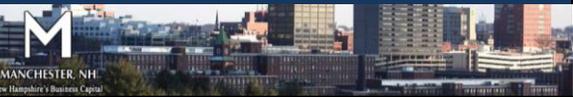
Manchester, NH 03103

## Spring 2016 Program Update

(603) 665-6899 / [www.manchesternh.gov/urbanponds](http://www.manchesternh.gov/urbanponds)  
[www.facebook.com/ManchesterUrbanPondsRestoration](http://www.facebook.com/ManchesterUrbanPondsRestoration)

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- [Clean-Up Events](#)
- [Water Quality Data](#)
- [Publications](#)



### Pine Island Pond Milfoil Infestation and Management Plan Public Meeting

Please consider joining members of the Pine Island Pond Environmental Society and the Exotic Species Coordinator from the New Hampshire Environmental Services on **Sunday April 17, 2016** at 1:00pm at Bethany Chapel, 54 Newbury Road, to discuss the variable milfoil infestation at Pine Island Pond, recommendations from the draft management plan, and how volunteers can assist with the efforts. Variable milfoil (*Myriophyllum heterophyllum*), an aggressive non-native exotic aquatic plant, was first identified in several areas of Pine Island Pond during the summer of 2015. It likely traveled from [Lake Massabesic](#) and into Cohas Brook, which is ultimately the inlet of Pine Island Pond. For more information on variable milfoil, visit:



<http://des.nh.gov/organization/commissioner/pip/factsheets/bb/document/s/bb-23.pdf>. To obtain and review an electronic copy of the management plan before the meeting please contact Merrill Lewis at [merrill.lewis@comcast.net](mailto:merrill.lewis@comcast.net).



### Join Us at an [Annual Pond & Park Cleanup!](#)

**Saturday April 23, 2016** (9:00 – 11:00) [Black Brook / Blodget Park](#)

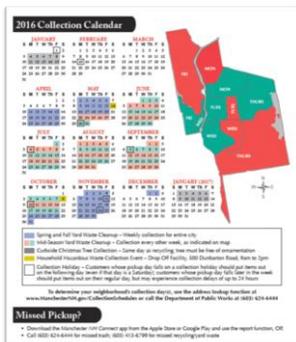
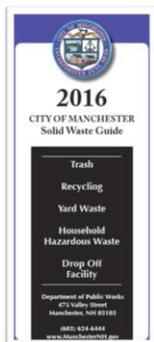
**Saturday April 30, 2016** (9:00 – 11:00) [Stevens Pond / Park](#)

**Saturday May 7, 2016** (9:00 – 11:00) [Nutt's Pond / Precourt Park](#)

Please dress appropriately for weather (there are no "rain dates") and wear rubber knee boots if you have them! Latex gloves and trash bags will be provided. Just bring yourself, a friend, and a sense of community spirit! Please arrive no later than 8:50am as we will break into groups and begin cleanups at 9:00am.

### 2016 City of Manchester Solid Waste Guide

Please take note that the City of Manchester has published its [2016 Solid Waste Guide](#) which discusses and includes a collection calendar for trash, recycling, yard waste, and household hazardous waste. Please also take note that the city's first **Household Hazardous Waste Day of 2016** will be held on Saturday May 14, 2016 from 9:00am – 2:00pm (the other to be held on October 8, 2016).



**Manchester Urban Ponds Restoration Program  
Water Quality Parameter Data Tables 2000 - 2015**

Disclaimer: These are the Chemical and Biological Parameter Measurements collected within the terms of the Agreement as outlined in the 2007 Memorandum of Understanding (MOU) between the City of Manchester and the New Hampshire Department of Environmental Services. The data presented in this table are for informational purposes only and do not constitute a warranty of any kind. The City of Manchester is not responsible for the accuracy or completeness of the data presented in this table. The data were not intended to replace the reliable information included in the original data reports. To view the original data reports for each measurement, visit the City of Manchester website at [www.ci.manchester.nh.us](http://www.ci.manchester.nh.us).

**Average Acid Neutralizing Capacity (ANC) Measurements in Milligrams per Liter (mg/L)**

Watershed	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Biological Average
Central Lake	18.1	17.9	20.2	18.1	19.8	18.3	17.1	18.7	17.2	19.1	18.1	18.2	17.9	18.8	18.7	19.3	17.0
Clayton Pond	18.2	17.1	26.9	30.5	24.3	20.4	22.4	28.9	18.4	25.5	27.4	24.2	26.2	23.2	24.8	29.3	23.9
Hammond Pond	5.1	6.8	5.7	5.4	5.2	5.4	6.1	6.1	5.7	5.9							6.5
North Pond	15.9	17.2	15.4	17.0	15.1	16.4	16.7	18.1	15.9	15.2	22.2	18.7	18.4	17.0	18.2	22.0	17.2
Three Island Pond	15.1	20.1	22.2	14.8	11.3	18.8	13.0	17.4	20.2	12.2	21.8	18.2	16.9	17.0	18.3	20.0	18.0
Thomas Pond	38.2	31.0	30.8	29.2	28.1	28.7	30.9	32.2	31.0	27.9	28.1	30.8	30.1	30.5	30.9	33.0	31.0

## 2015 Water Quality Reports

The formal [Volunteer Lake Assessment Program \(VLAP\)](#) and [Volunteer River Assessment Program \(VRAP\)](#) annual water quality reports from 2015 have been posted on-line and we've updated our own Water Quality Parameter Data Tables to include data collected this summer. Check out the [Water Quality Data](#) page to view the VLAP and VRAP reports and [All Ponds Water Quality Data Tables 2000-2015](#) to see how this year's data compares to previous years.

**Save the Date!** The 2016 Annual VLAP Workshop will be held on **Saturday May 21, 2016** at the New Hampshire Department of Environmental Services. For more information, visit the [VLAP](#) website.

## McQuesten Brook Restoration Project Update

On **April 6, 2016**, the expedited wetlands permit application to remove barriers on McQuesten Brook will be reviewed by the [Manchester Conservation Commission](#). The [New Hampshire Rivers Council](#) McQuesten project team will present the proposal to the Commission. The wetlands permit for the culverts work in the Town of Bedford has been approved and the New Hampshire Rivers Council has executed a contract with the Town of Bedford. Construction is scheduled to begin in early 2016 with the hope of culvert removal, barrier removal, and a new bridge constructed before the end of the year.



Funding for this project was provided in part by a Watershed Assistance Grant from the [NH Department of Environmental Services](#) with Clean Water Act Section 319 funds from the [U.S. Environmental Protection Agency](#) and the [New Hampshire Aquatic Resource Mitigation Fund](#).

To learn more about the McQuesten Watershed Restoration Project, sign up for updates, and to get involved, please visit <http://nhrivers.org/mcquesten-brook> or call (603)228-6472.

## Nutts Pond Stormwater and Boat Ramp Improvements

During the spring and summer of 2016, the City of Manchester will complete installation of two major projects to enhance Nutts Pond. The first is the construction of a new stormwater treatment system for the watershed area west of the pond. The stormwater treatment system will collect and treat stormwater that currently runs off into the pond without treatment. This work will also improve drainage issues near the rail trail. Additionally, the City will construct a new boat ramp at Precourt Park which will allow improved recreational access to the pond as well as reducing the amount of pollution that currently flows into the pond from the Driving Park Road and Precourt parking area.



## Congratulations to Martha Frechette!

Congratulations to Martha Frechette, [Manchester Urban Ponds Restoration Program](#) and [Manchester Animal Shelter](#) volunteer for being honored as one of this year's "40 Under 40" by the Union Leader!

Martha Frechette is an employee (currently in the accounting office) of Walmart in Manchester, where she has worked for the past 15 years. In what appears to be every moment of her spare time outside of her duties at Walmart, Martha volunteers countless hours of time for multiple non-profit organizations to make the community of Manchester a better place. Through her actions and positive "can do" attitude she has also inspired many others in the community to do the same.



Martha has been a volunteer with the Manchester Animal Shelter since 2007 where she has volunteered in many capacities. She began volunteering her time walking dogs, cleaning kennels, and assisting with reception tasks. However, her volunteer duties have since expanded to being involved in nearly every aspect of shelter operations. Since 2007, Martha has volunteered approximately six-to-seven hours of her time for nearly every Saturday, in total contributing between approximately 2,808 to 3,267 volunteer hours to the shelter on Saturday's alone. This does not include the time she spends nearly each day on lunch break from her duties at Walmart or at other special events. In addition, Martha has also garnered approximately \$9,000.00 in corporate contributions from Walmart since she began volunteering her time.

Martha has adopted three four pit bulls (Holly, Kirby, Old Faithful, and Sparky) as well as a miniature greyhound mix (Nikkita) from the shelter and has fostered five senior or terminally-ill dogs in need end-of-life hospice care. Martha has also volunteered countless hours using her professional-quality photography skills in photographing available animals at the shelter (sometimes in charming seasonal attire) to be used on Petfinder.com. Martha's largest accomplishments with the shelter, however, include organizing the shelter's annual "Cruisin 4' Critters" event, and creating a new program called "4 Paws 4 Vets". Since 2010, Martha has organized nearly 100 percent of efforts associated with the "Cruisin 4' Critters" benefit ride, an annual fundraising event for upwards of 100 motorcyclists who ride a 60-mile course to garner donations to the shelter. Each annual event has raised approximately \$3,000.00, thus, under her leadership for the past four years, Martha has helped raise approximately \$15,000.00 in donations through this event alone. In April of 2015, Martha created the "4 Paws 4 Vets" program, which aims to help heal emotional wounds of military veterans by pairing them with a shelter animal. The benefit is two-fold; the shelter animals receive a second chance for a new home while the returning soldiers are given a second chance for health and happiness. The adoption fee is paid for by Annie's Angels, and the pet, spay / neuter, vaccinations, microchip and registration, food, a leash (for dogs), cat litter and cat litter box (for cats), and toys are at no charge. To date, over the past seven months, the shelter has successfully paired four veterans with four animals (two dogs and two cats) from the shelter. Martha continues to represent the shelter at events organized by the shelter and other entities where she sits at the shelter's display table, and answers any questions event participants may have.



Martha's volunteer involvement with the Manchester Urban Ponds Restoration Program has been intently focused on assisting with pond and park cleanups. More specifically, Martha has spent 50 hours - sometimes knee-deep in mud - volunteering for 23 cleanups and helping to remove 751 bags of trash (and other debris) at Maxwell Pond (now Black Brook) / Blodget Park, Stevens Pond / Stevens Pond Park, and Nutts Pond / Precourt Park. Martha has been one of only three volunteers who have attended nearly all of the scheduled cleanups since she began volunteering for the program in 2007. Martha has not only been a volunteer, she has enlisted the assistance of other volunteers for scheduled cleanups and has organized more than one cleanup with volunteers from Walmart at Pine Island Pond. The program was awarded an EPA Environmental Merit Award in 2011 to which Martha attended a ceremony at Faneuil Hall in Boston and was one of four people who accepted the award on behalf of the program. Martha was honored along with other recipients at a [ceremony](#) at the Grappone Center in Concord on Wednesday March 16, 2016.

Martha's continued passion for shelter animals and for our ponds and parks in Manchester is what makes the city a better place for all. Her actions speak loudly and attest to the fact that no matter your profession in life, anyone can make a formidable difference in your community and inspire others to follow in their footsteps and do so as well! Congratulations, again, Martha!