

Municipality/Organization: Town of Exeter, NH

EPA NPDES Permit Number: NHR041007

Annual Report Number Year 14
& Reporting Period: April 1, 2016 – March 31, 2017

**NPDES PII Small MS4 General Permit
Annual Report
(Due: May 1, 2017)**

Part I. General Information

Contact Person: Jennifer Mates, P.E. **Title:** Assistant Town Engineer

Telephone #: (603) 418-6431 **Email:** jmates@exeternh.gov

Mailing Address: 13 Newfields Rd, Exeter, NH 03833

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:



Printed Name: Russell Dean

Title: Town Manager

Date:

4/28/17

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

Part II. Self-Assessment

The Town of Exeter has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, with the possible exception of the following provisions:

Part 1 C. Discharges to Water Quality Impaired Waters

1. The permittee must determine whether stormwater discharges from any part of the MS4 contribute; either directly or indirectly, to a 303(d) listed water body.
2. The storm water management program must include a section describing how the program will control the discharge of the pollutants of concern and ensure that the discharges will not cause an instream exceedance of the water quality standards. This discussion must specifically identify control measures and BMPs that will collectively control the discharge of the pollutant(s) of concern. Pollutant(s) of concern refer to the pollutant identified as causing the impairment.

The Exeter wastewater treatment facility (WWTF) permit imposed stringent discharge limits on nitrogen. The permit requires: development of total nitrogen non-point source (NPS) and point source accounting system; a nitrogen control plan be developed by 2018; a description and accounting of the activities by the town as part of its nitrogen control plan; and description of activities conducted which affect nitrogen in these rivers.

The town participated in a Water Integration for the Squamscott and Exeter Rivers (WISE) study over the past several years, which addresses some of the issues required by the WWTF permit. Officials from the Towns of Exeter, Stratham, and Newfields worked with a team from Geosyntec Consultants, the University of New Hampshire (UNH), Rockingham Planning Commission, Consensus Building Institute and the Great Bay National Estuarine Research Reserve to develop the study.

Information presented in the final WISE report (December 2015) is currently being used to develop water quality improvement strategies for the largest urbanized watershed in the town. Waterstone Engineering was awarded a contract to perform work under an NH Department of Environmental Services (NHDES) 319 Nonpoint Source Grant to evaluate the Lincoln Street watershed and provide recommendations for water quality improvements.

The WISE project:

- Estimated baseline stormwater nitrogen loads for the town
- Determined the most cost-effective BMP's for load reductions
- Established continuing water quality monitoring plans for the river
- Analyzed and mapped septic systems within 200 meters of major streams
- Estimated substantial budget increases to the town for implementation
- Obtained tentative approval for fulfilling the required 2018 Nitrogen Control Plan

The town is also participating in the Great Bay Pollution Tracking and Accounting Pilot Program (PTAPP) coordinated by NHDES. The purpose of PTAPP is to enable coordination on nitrogen tracking and accounting for

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

the Great Bay region. The Town developed an accounting worksheet to track land use, which is being incorporated into the PTAPP program. The PTAPP program is expected to publish the first draft of their tracking and accounting program in spring of 2017.

The Town retained Wright-Pierce, Inc. to evaluate the Stormwater Management Program, Town Ordinances, Town Regulations, and IDDE program and provide recommendations to meet the 2017 MS4 permit. Several memoranda were prepared which identified recommended actions for short- and long-term stormwater program improvements. The Town also worked with Wright-Pierce to develop a presentation that compared the 2003 permit requirements to the 2017 permit requirements and the WWTF permit requirements. This presentation will be made to the Board of Selectmen in April 2017.

The Exeter River had an impounded reach within the town that is listed on the 2012 303(d) list of impaired waters. The dam was removed in the summer of 2016 and the river was restored to fully support designated uses of Aquatic Life Use support and Primary Contact Recreation. Additionally, without the impoundment, the river will be free of water quality impediments to fish migration and will be allowed to return to a state of geomorphic equilibrium. Ultimately, the river within Exeter will have dissolved oxygen concentrations sufficient for maintaining aquatic life and chlorophyll a, and bacteria concentrations that do not pose a risk for primary contact recreation. A monitoring plan was developed with the NH Fish and Game (NHFG), NH Department of Environmental Services (NHDES), and National Oceanic and Atmospheric Administration (NOAA) that will monitor river conditions and fish passage for up to five years.

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NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

PUBLIC EDUCATION & OUTREACH

BMP #1 DISPLAY AT ALEWIFE FESTIVAL

The festival no longer takes place.

ADDITIONS

The Exeter Conservation Commission (ECC) led volunteers in a clean up of the Exeter River in July 2016 after water levels were lowered for removal of the Great Dam. Approximately 20 people participated in the event which removed debris from the riverbed and banks. (attachment)

BMP #2 STENCIL STORM DRAINS

All catch basins in town were stenciled or touched up with the message “Attention – Drains to Local Waterway” as needed.

BMP #3 STORMWATER VIDEO ON LOCAL PUBLIC STATION

No videos were played on the local public station; however, the Town has the following educational videos on the town website: “Stormwater Rubber Duck” PSA; “Devil Duck Lawn Care” PSA; “Rain Storm” Radio Ad; and, “Car Wash” Radio Ad.

The Conservation Commission and River Study Committee meetings provide information regarding the local stormwater program and are televised. The stormwater education program “Think Blue Exeter” is a subcommittee of the River Study Committee, so their activities are presented during these televised meetings. Also, the Board of Selectman’s televised meetings included presentations about the Draft 2013/2015 MS4 Phase II permit.

BMP #4 DISPLAY AT TOWN BUILDING

Permanent educational signs: Stream buffer at a popular local park. This display is located adjacent to the Squamscott/Exeter Rivers and highlights how rain garden and stream buffers functions can improve water quality.

During the month of September, a “Smart Septic” display was located at the town office, along with handouts. The display addressed proper septic system construction and maintenance. (attachment)

ADDITIONS-

Town Website and Facebook pages –

- Think Blue Exeter – general stormwater education, water quality in Exeter’s streams & rivers, simple changes to reduce stormwater pollution. (attachment)
- Drug Take Back Day – Exeter Police Department participates in National Drug Take Back Day, which allows residents to drop off household and prescription drugs at the police department to prevent improper disposal.

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

- Drug Drop-Off Box – Exeter Police Department – The Exeter Police Department has taken a step further to help protect our waterways by providing a safe, sustainable and secure method to dispose of unwanted and/or expired household and prescription medications by installing a secure container in the lobby of the Police Department. (attachment)
- Household Hazardous Waste Collection Day – Exeter continues to host the once per year collection of household hazardous waste. The collection is coordinated by the Rockingham Planning Commission and includes Exeter and six other communities. (attachment)
- Announcements for Spring 2016 and Fall 2016 leaf collection, and January 2017 Christmas tree pickup. Each Town resident was permitted to have twelve bags of leaves picked up for free in the spring and fall 2016. The leaves were distributed to a compost pile and residents are allowed to use the compost. (attachment)

Newspaper Articles –

- Announcements for Spring 2016 and Fall 2016 leaf collection and January 2017 Christmas tree pickup.
- Announcements for Household Hazardous Waste Collection Day and Drug Take-Back Day.

PUBLIC PARTICIPATION

BMP #5 PUBLIC NOTICE

Completed 1st year

BMP #6 REVIEW NEED FOR STORMWATER COMMITTEE

No additional review for a stormwater committee; however, the education program “Think Blue Exeter” is a subcommittee of the Exeter River Study Committee. Information on activities of the subcommittee is presented at various meetings, which are televised and open to the public. The majority of committee members are local residents.

The Exeter River Study Committee conducted many outreach presentations dealing with the removal of the Great Dam which returned the lower Exeter River to its natural state to improve water quality and native fish populations.

BMP #7 STENCIL STORM DRAINS

All catch basins in town were stenciled with the message “Attention – Drains to Local Waterway” by town employees and the stencils are repainted as needed.

ADDITIONS-

- Exeter Rain Barrel Program – Exeter Conservation Commission offered reduced rates on rain barrels during the month of May 2016 (8 sold in 2016) (attachment)
- Volunteer River Assessment Program (VRAP), which monitors 11 sites on the Exeter River and Little River, between April and August (3 to 5 times each). The Exeter Conservation Commission and Town staff conduct the annual sampling for dissolved oxygen, conductance, pH, turbidity, and temperature.

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

This is a part of the NHDES state-wide river monitoring program. Additional sampling equipment was purchased for use by the Town staff to continue the VRAP monitoring. (attachment)

- Exeter-Squamscott River Local Advisory Committee (ESRLAC) – volunteers representing the twelve communities in the Exeter-Squamscott River watershed celebrated its 20th year of stewardship of the river and its watershed in 2016. Work by ESRLAC included discussions with municipalities and state and federal agencies about water quality in the river and its impact on water quality in Great Bay, the review of development proposals along the river corridor, and assisting with stormwater management projects. Several ESRLAC members participated in Project WISE. (attachment)
- Annual Fish Ladder Tour – May 2015. Presented by NH Fish and Game Department, targeted at the importance of fish ladders. The annual tour of the fish ladder located next to the Great Dam in downtown Exeter. As always, this event attracted a large crowd interested in learning about the annual fish migration from the salt water of the Squamscott River to the fresh water of the Exeter River. (attachment)

ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP #8 SURVEY OUTFALLS

The Town retained Wright-Pierce, in December 2015, to perform dry-weather outfall inspections and water quality screenings at a selected group of MS4 outfalls. As part of this effort, eleven (11) outfall locations were visited, inspected, and photographed. The inspection forms and photos for each of these outfalls are on record with the Town in paper and electronic formats.

BMP #9 MAP/UPDATE OUTFALLS

The Town retained Wright-Pierce, in December 2015, to perform dry-weather outfall inspections and water quality screenings at a selected group of MS4 outfalls. As part of this effort, eleven (11) outfall locations were verified in the field and revisions were made to the Town's GIS mapping system as necessary.

BMP #10 ORDINANCE TO PROHIBIT NON-STORMWATER DISCHARGES

Existing Storm Drainage Ordinance prevents illegal discharges to the drainage system, with fines. The ordinance will be reviewed and updated as needed after the new Small MS4 Permit for New Hampshire is issued final.

BMP #11 CREATE EDUCATION FOR BUSINESSES

"Think Blue Exeter" – General Stormwater Education.

A pamphlet describing proper deicing chemical (salt) use during winter maintenance operations was created. This will be distributed to businesses with parking lots and snow removal contractors.

BMP #12 HOTLINE

Police Dispatch and Exeter Department of Public Works

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

BMP #13 SAMPLE SUSPECT OUTFALLS

The Town retained Wright-Pierce, in December 2015, to perform dry-weather outfall inspections and water quality screenings at a selected group of MS4 outfalls. Eleven (11) outfalls, a tributary to the Little River, Exeter River, Squamscott River and Norris Brook were inspected and sampled in December 2015. The inspection consisted of verification of the outfall location, completion of dry weather screening, water quality field testing (when flow was present), reconnaissance of potential nearby pollution sources and a photograph log.

Flow was present during these dry-weather inspections at five (5) of the 11 outfalls. Water quality screening was conducted at those 5 outfalls. Six (6) of the 11 outfalls were flagged for follow-up water quality sampling based on either physical condition, water quality observation and field test results, inability to field locate or further questions regarding outfall identification. Follow-up work has not yet been performed for these systems.

BMP #14 TEST SUSPECT CONNECTIONS

Infiltration/inflow investigations were performed in several locations throughout town, including manhole inspections, dye testing, smoke testing, building inspections and flow evaluations.

Approximately 3800 feet of stormwater lines were cleaned and inspected via CCTV camera on Water Street, Lincoln Street, Center Street and 300 feet of Front St.

BMP #15 CORRECT ILLICIT CONNECTIONS

No corrective actions were taken to remove illicit connections to the stormwater collection pipelines.

ADDITIONS –

- The Town maintains 19 “pet waste station” (bags and disposal container) located around Town. A map showing the location of the waste stations and the town walking/hiking trails was created and posted on the Town website.
- The CAPE (Climate Adaptation Plan for Exeter) study included a stormwater collection system mapping component. The study estimated the effects of climate change within the Town. The study included: modeling/technical team focused on creating three models for Exeter’s river and stormwater systems; evaluating water quality, flooding, and stormwater aspects of watershed systems; delineating stormwater catchments in the central urbanized areas of Town. This CAPE study was completed in the winter of 2015. Geosyntec, Inc. was contracted to use the hydraulic models created for the CAPE study to evaluate the existing drainage system during a 10-year storm event. The results of this are being used by the Department of Public Works to develop capital improvement projects to address stormwater quantity and quality.

CONSTRUCTION SITE RUNOFF CONTROL

BMP #16 UPDATE SITE REGULATION

Completed – The Town will review and update the stormwater regulations as needed for the 2017 Small MS4 Permit for New Hampshire.

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

BMP #17 SITE PLAN REVIEW FOR ALL CONSTRUCTION PROJECTS GREATER THAN 1 ACRE

The Technical Review Committee (TRC) reviews all development greater than 1 acre, with a focus on construction and post-construction erosion controls and stormwater Best Management Practices (BMPs).

BMP #18 SITE INSPECTIONS

Projects are inspected throughout construction for all development greater than one acre to monitor stormwater management and erosion controls.

BMP #19 DEVELOP AND IMPLEMENT CONSTRUCTION SITE INFORMATION AND REPORTING PROGRAM

Town construction projects are posted on the town website and social media sites with contact information.

An emergency contact list for all privately owned construction projects is updated regularly and distributed to emergency response personnel.

POST CONSTRUCTION RUNOFF CONTROL

BMP #20 IMPLEMENT SITE APPROPRIATE NON-STRUCTURAL, STRUCTURAL, INFILTRATION, AND VEGETATIVE PRACTICES

BMPs are in place as per Planning Board approved plans. Six (6) of the development/redevelopment projects, reviewed by the Planning Board in 2016, included at least one Best Management Practice (BMP) such as a rain garden or tree box filter.

Addition - Stormwater BMP's are being incorporated into town projects. Two water quality tree filters were installed in the downtown area in 2016.

BMP #21 DEVELOP AND IMPLEMENT LONG TERM OPERATION AND MAINTENANCE PROGRAM FOR BMPs

Maintenance Agreements and Maintenance Plans are implemented during planning and construction process

ADDITIONS –

- Stormwater inspections were performed at several private developments with deficiencies identified.
- A downtown sidewalk replacement project on Water Street was completed in 2016. The downtown area has a high percentage of the impervious area. This project incorporated 2 retrofitted sidewalk tree box filters.
- The Great Dam on the Exeter River was removed during the summer of 2016. When the water level of the river was lowered for this project, the Town spent over \$8,000 on native, wetland seed mix to stabilize the river banks.

POLLUTION PREVENTION AND MUNICIPAL GOOD HOUSEKEEPING

BMP #22 CREATE POLLUTION PREVENTION & GOOD HOUSEKEEPING PROGRAM FOR MUNICIPAL EMPLOYEES

The following training was completed within the last year:

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

- Several of the highway department employees hold NH-DES solid waste certification and train annually for best management practices to operate the transfer station.
- All town Highway Department employees involved in snow plowing were trained on equipment calibration, attended UNH T2 Green SnowPro training course, and received NHDES Salt Applicator Certification.
- Wright-Pierce prepared guidance for Town staff to address work performed in watersheds of impaired water bodies.
- The Town's Natural Resource Planner worked with the "Soak Up the Rain NH" group to identify an area in Exeter for a project. Representatives from SoakNH, NHDES, and ECC constructed a rain garden on LaPerle Avenue in July 2016. (attachment)
- The Town Clerk's office handed out 1,500 rolls of dog waste bags and dispensers to residents when they purchased their dog licenses.

The Town Engineer attended the following classes in 2016: Low Impact Development; Municipal Stormwater Technical Assistance-MS4 sponsored by the Central MA Regional Stormwater Coalition; Stormwater BMP Workshop; and a Stormwater Finance Forum. The Assistant Town Engineer attended a 3-day conference on Low Impact Development.

The Exeter DPW Director is a member of the WISE program and the Exeter Town Engineer is a member of the PTAPP program.

The Town is a member of the Seacoast Stormwater Coalition and the Town Engineer attends regular meetings. The Town contributed \$2,000 toward a consultant to assist the Coalition members in developing a collaborative approach to meet MS4 requirements.

BMP #23 SWEEP STREETS

All Town streets were swept twice (once in spring and once in fall). The streets located within the downtown area were swept bi-weekly during the warm months of the year. In 201, new tracking equipment was installed on the street sweeper to track the number of miles swept. A total of 1,290 miles were swept in 2016.

BMP #24 INSPECT CATCH BASINS

A total of 586 catch basins were documented with individual inspection forms to be entered into the Town's GIS database.

BMP #25 CLEAN CATCH BASINS

A total of 586 catch basins were cleaned in this year.

NPDES General Permit - Small Municipal Separate Storm Sewer Systems (MS4s)

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2016 – 2017

LIST OF ATTACHMENTS

1. Exeter River Cleanup flyer (BMP #1)
2. Exeter River Cleanup photos (BMP #1)
3. Exeter River Cleanup newspaper article (BMP #1)
4. Think Blue Exeter website (BMP #3, 4 & 6)
5. Police Department Drug Drop-off (BMP #4)
6. Household Hazardous Waste Day announcement (BMP #4)
7. Septic Week announcement (BMP #4)
8. Rain barrel sale announcement (BMP #7)
9. VRAP data summary (BMP #7)
10. ESRLAC annual report (BMP #7)
11. Fish Ladder Tour announcement (BMP #7)
12. Pet Waste Station map (BMP #15)
13. Rain Garden installation volunteer flyer (BMP #22)

Volunteers Wanted for River Clean Up

Be a Part of the Squamscott-Exeter River Restoration Project

River drawdown to prepare for dam removal will expose trash and debris along our riverbanks. Volunteers will gather at the Park and spread out along the river by foot or boat to clean these areas up.

Come prepared for a wet muddy adventure!
Bring 5 gallon buckets and plastic toboggan sleds

Gilman Park
July 16th from 9:00 am – 12 pm

Questions?

Contact the Town's Natural Resource Planner,
Kristen Murphy, for more information
kmurphy@exeternh.gov; 603.418.6452

**RIVER
DEBRIS
PICK-UP**



By Lisa Tetrault-Zhe
newsletter@seacoastonline.co

July 16, 2016 1:14PM

Print Page

Exeter River cleanup yields unusual finds

EXETER – About 20 people who spent Saturday morning covered in mud turned up all kinds of treasure for their efforts, including the cement base and post to a basketball hoop, piping, bottles, golf balls and even a lost wader.

The group, ranging from infants to seniors, donated three hours of time for the Exeter River Cleanup, hosted by the Exeter Conservation Commission.

“I’m so impressed with the attendees,” said conservation commission member Ginny Raub. “It shows that people do care and are willing to take the time to help; they’re invested in it. It’s not the same group of volunteers that show up every time, so we get to see faces we haven’t seen before.”

Raub helped organize the three-hour long event with support from the Exeter River Study Committee, which she serves on as a conservation commission representative.

The cleanup is part of the project to remove the historic Great Dam, according to earlier reports in Seacoastonline.com. On July 1, workers started to draw down the waters.

In 2014, voters agreed to spend \$1.8 million to remove the dam in an effort to restore the river to its original condition. The results will be twofold: Protecting the town from flooding and helping to facilitate fish migration.

The banks of the river were mucky, and volunteers sank into the mud with every step they took. The pungent smell of mud lingered in the warm summer air.

“Eventually, all of the sediments will go down to Great Bay,” said conservation commission chairman Carlos Guindon. “Now there will be more natural filtering of the sediments. The sediments are needed in the bay; this is key to the ecosystem. It will mostly occur during heavy rains in the spring and fall.”

Earlier this month the Exeter Department of Public Works seeded the sides of the bank. The new vegetation will help with the filtering process, according to Guindon.

“It was interesting to watch them seed the banks,” said Exeter natural resource planner Kristen Murphy. “The DPW modified leaf blowers. They taped plastic bottles to the sides of the blowers, filled them with seed, and blew the seeds onto the banks while canoeing down the river.”

One family participated as a way to support their town.

“It’s not often you get to walk the river, and it’s for a good cause,” said Alex Fritz of Exeter.

“We walk downtown a lot, and we saw a bicycle and a computer monitor in the river,” said his wife, Caitlin Lamb. “We wondered how they’ll get that out.

“I’m on the email updates list from the conservation commission and heard about today’s cleanup. We thought it would be fun with the kids,” she continued.

Their children, Susanna, 7, and Sam, 3, seemed excited about their haul.

“I had a piece of plastic get stuck in the bottom of my boot,” said Susanna Fritz. “We wanted to help the earth.”

“We found a golf ball,” said Sam, holding up the muddy ball. “We’ll wash it off when we get home.”

In addition to the commission members, Murphy and the local volunteers, a University of New Hampshire employee and two National Oceanic and Atmospheric Administration employees also volunteered their time, according to Murphy.

A statue of a fish greeted people as they entered Gilman Park. Happy Fish is on loan from World Fish Migration Day organization. The icon is being loaned out to groups that promote fish migration.

At the end of the day, the DPW was tasked with picking up all of the debris recovered from the cleanup.



Susanna Fritz (7), Alex Fritz, Caitlin Lamb and Sam Fritz (3) of Exeter spent some family time cleaning up the Exeter River. Lisa Zhe photo



Exeter, NH Public Works

September 20, 2016 · 🌐

It's Septic Smart Week! Here are 10 tips to be a good septic owner!
<https://www.epa.gov/septic/top-10-ways-be-good-septic-owner>

Top 10 Ways to Be a Good Septic Owner

- ✓ Have your system inspected every three years by a qualified professional or according to your state/ local health department's recommendations
- ✓ Have your septic tank pumped, when necessary, generally every three to five years
- ✓ Avoid pouring harsh products (e.g., oils, grease, chemicals, paint, medications) down the drain
- ✓ Discard non-degradable products in the trash (e.g., floss, disposable wipes, cat litter) instead of flushing them
- ✓ Keep cars and heavy vehicles parked away from the drainfield and tank
- ✓ Follow the system manufacturer's directions when using septic tank cleaners and additives
- ✓ Repair leaks and use water efficient fixtures to avoid overloading the system
- ✓ Maintain plants and vegetation near the system to ensure roots do not block drains
- ✓ Use soaps and detergents that are low-suds, biodegradable, and low- or phosphate-free
- ✓ Prevent system freezing during cold weather by inspecting and insulating vulnerable system parts (e.g., the inspection pipe and soil treatment area)




septicmart
U.S. Environmental Protection Agency

For more SepticSmart tips, visit www.epa.gov/septicmart

 EPA-633A-N-010 July 2014

Think Blue Exeter



As rain and snow-melt, also known as stormwater, flows across streets, parking lots, and other surfaces it collects dirt, debris, and chemicals carrying them directly to our rivers and streams. This polluted run-off is called Stormwater Pollution. Our habits play a major role in this type of pollution.

Click the Homeowners category below to learn ways you can help reduce Stormwater Pollution because...**CLEAN WATER STARTS WITH YOU!!!**

What is Stormwater Pollution?

As stormwater (or rain and snow-melt) flows across buildings, streets, parking lots, and other surfaces it collects dirt, debris, and chemicals and carries them directly to our rivers and streams. Collectively, these surfaces which do not allow water to penetrate are called impervious surfaces. The polluted run-off that flows across them and into our streams is called Stormwater Pollution.

What's the Water Quality Status of Exeter's Streams and Rivers?

As a result of water testing, NH Department of Environmental Services has designated the majority of Exeter's streams and rivers as "impaired" for one or more uses. This means the water contains pollutants which can be harmful to aquatic life, fish consumption, or humans during either direct or indirect contact.

To view how widespread this designation is, click [HERE](#) ^[2] _[2] to view Exeter's "impaired rivers". As you look at this map remember, **BLUE** means the water course meets standards, **RED** means it does not. With the majority of Exeter's waterways in red on this map, you may be starting to understand the purpose of the THINK BLUE program.

How Can You Help?

Our habits play a major role in this type of pollution. To find out what simple changes you can make to reduce the amount of pollutants entering our rivers, explore the links below and be sure to check out our "Ducky Ads" at the bottom of the page. You may have seen or heard them on Channel 98 or WXEX.

We need more people to THINK BLUE because **CLEAN WATER STARTS WITH YOU!!!**



[Think Blue: About Us](#) ^[3]



[4]

[Think Blue: Homeowners](#) [4]



[5]

[Think Blue: Kids Page](#) [5]

Click any thumbnail image to view a slideshow



[6]



[7]

Supporting Documents

- [Stormwater Rubber Duck PSA](#) [8] (587 KB)
- [Devil Ducky Lawncare PSA](#) [9] (4 MB)
- [Rainstorm Radio Ad](#) [10] (1 MB)
- [Car Wash Radio Ad](#) [11] (896 KB)
- [Healthy Lawns Clean Water - Lawn Care](#) [12] (66 MB)

Source URL: <http://exeternh.gov/bcc/think-blue-exeter>

Links:

- [1] http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/bcc/page/11641/thinkblueexeter_web.gif?itok=H67__eRE
- [2] http://www3.epa.gov/region1/npdes/stormwater/nh/305bMaps/Exeter_NH.pdf
- [3] <http://exeternh.gov/bcc/think-blue-about-us>
- [4] <http://exeternh.gov/bcc/think-blue-homeowners>
- [5] <http://exeternh.gov/bcc/think-blue-kids-page>
- [6] http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/bcc/page/11641/runoffreturns_small.gif?itok=Rf4wvByq
- [7] http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/bcc/page/11641/thinkblue_cleanwater_.gif?itok=UiiL7VWs
- [8] http://exeternh.gov/sites/default/files/fileattachments/boards_committees_and_commissions/page/11641/thinkblueexeter_psa.wmv
- [9] http://exeternh.gov/sites/default/files/fileattachments/boards_committees_and_commissions/page/11641/thinkbluelawncare_final.wmv
- [10] http://exeternh.gov/sites/default/files/fileattachments/boards_committees_and_commissions/page/11641/rainstorm_exeter.mp3
- [11] http://exeternh.gov/sites/default/files/fileattachments/boards_committees_and_commissions/page/11641/carwash_exeter.mp3
- [12] http://exeternh.gov/sites/default/files/fileattachments/boards_committees_and_commissions/page/11641/exeter_healthy_lawns_clean_water_duckman_2016_psa.wmv

Drug Drop-Off Box



[1]

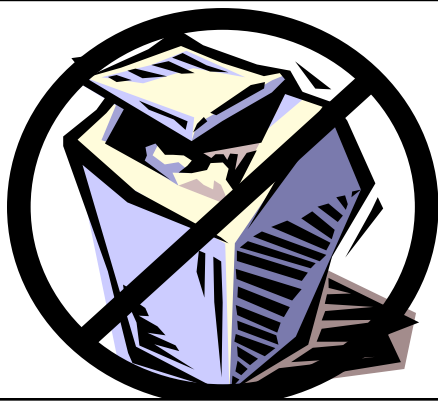
The Exeter Police Department has taken a step further to help keep harmful, unused medications out of the hands of children as well as out of the environment. Open Source Research shows that every day 2,500 kids abuse prescription drugs for the first time. Seventy percent of people who abuse prescription pain relievers say they got them from friends or relatives.

Currently, many unwanted or expired household and prescription medications are improperly disposed of. The harmful methods being used include flushing the drugs down toilets or putting them into the garbage. Both of these methods have damaging effects on our environment and contaminate our water supply. Therefore, The Exeter Police saw the need for a unit that would provide a source for proper disposal of unwanted or expired household and prescription medications, and placed a secured container in the lobby of the Police Department.

The Exeter Police Department's MedReturn Drug Collection Unit provides a safe, sustainable and secure method to dispose of unwanted or expired household medicines or prescription medication. There has been a great response from the Exeter community during our Drug Take Back events that have been coordinated with the D.E.A. The Exeter Police is committed to continuing to offer these services as well as now providing a 24hr 7 day a week- no questions asked-disposal option.

Links:

[1] http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/police/page/11381/drug_box.jpg?itok=JF_oWihN



Hazardous Waste in *Your* Home??

Hazardous Waste is not just an industrial problem.
Many household products contain hazardous chemicals. We are all hazardous waste generators!

2016 HOUSEHOLD HAZARDOUS WASTE COLLECTION EXETER, STRATHAM, NEWFIELDS, EAST KINGSTON, EPPING, SEABROOK & SOUTH HAMPTON

SATURDAY, OCTOBER 15, 2016

8:00 am—1:00 pm

Exeter Public Works Garage, Newfields Road (Route 85), Exeter

FROM THE YARD

Pesticides
Insect Sprays
Rodent Killers
Pool Chemicals
Muriatic Acid
No-Pest Strips
Lead sinkers, flashing
Creosote

FROM THE GARAGE

Motor Oil
Auto Batteries
Antifreeze
Brake Fluid
Wax & Polish
Engine Degreasers
Carburetor Cleaner
Asbestos (wetted and double bagged)

FROM THE HOUSE

Rechargeable Batteries
Drain & Oven Cleaners
Furniture Polish
Metal Polish
Fluorescent Light bulbs
Photo Chemicals
Mercury Thermometers
Fire Extinguishers

FROM THE WORKBENCH

Rust Remover
Wood Preservatives
Paint Thinners
Oil Based Paints
Solvents
Degreasers
Mercury

LIMIT PER HOUSEHOLD: 10 GALLONS or Equivalent
LATEX Paint and Alkaline Batteries not Accepted (not hazardous)
NOTE: Electronic Recycling will not be held at HHW day.

IMPORTANT NOTE:

The following wastes **cannot be accepted**:
Gas Cylinders, Explosive Materials, Ammunition,
Radioactive Materials, Infectious and Biological
Wastes, Prescription Medicines/Syringes,
Esters, and Unknown Materials.
Please don't bring them!



**COLLECTION IS FOR EXETER, STRATHAM, NEWFIELDS, EAST KINGSTON,
EPPING, SEABROOK & SOUTH HAMPTON RESIDENTS ONLY**

Sponsored by the Towns of Exeter, Stratham, Newfields, East Kingston, Epping, Seabrook & South Hampton.
Organized by **Rockingham Planning Commission—778-0885.**

For more information: Exeter: 778-0591; Stratham: 772-4741; Newfields: 772-5070;
East Kingston: 642-8406; Epping: 679-5441; Seabrook: 474-9771; and South Hampton: 394-7696

*** **A DONATION OF \$5 PER HOUSEHOLD IS REQUESTED TO HELP OFFSET COSTS.** ***

PLEASE

WE WILL NOT BE COLLECTING ELECTRONICS AT THE 2016 HOUSEHOLD HAZARDOUS WASTE

TIPS ON TOXICS

PURCHASE

- ⇒ **Read the label.** Look for the words “non-toxic” and compare products;
- ⇒ **Use non-toxic alternatives.** Many times a general household cleaner is just as effective as a specialized product;
- ⇒ **Buy only what you need;**
- ⇒ **Buy products with child-proof packaging;**
- ⇒ **Buy non-aerosol products.** Aerosols produce a fine mist which, when breathed, can settle deep in the lungs. Chemicals are then quickly absorbed into the bloodstream. Aerosol cans can explode if stored near heat or flame.

USE

- ⇒ **Use products in a well ventilated room and avoid breathing fumes.** Take breaks and work outside whenever possible;
 - ⇒ **Wear protective clothing;**
 - ⇒ **NEVER mix products.** Combining ammonia and chlorine bleach produces deadly chlorine fumes. Mixing chemicals can even cause explosions;
 - ⇒ **Use only the recommended amount.** Twice as much is not twice as good and may be twice as toxic.
- IF PREGNANT, avoid exposure to toxics;**
- ⇒ **In case of poisoning call Poison Control at (1-800-562-8236).**

STORAGE

- ⇒ **Store in a safe place.** Keep all toxics away from children;
- ⇒ **Close containers securely.** Some products like gasoline, oil-based paint & thinner can evaporate & pollute the air where they are stored.
- ⇒ **Keep all products in their original containers.**

DISPOSAL

- ⇒ **Use up a product to there is nothing left to dispose; —** the simplest of all disposal solutions!
- ⇒ **Donate leftover paints and other products to a service organization.** Make sure the product is securely packaged and well labeled;
- ⇒ **Take motor oil to a recycling center in your area.** Some service stations accept used motor oil; many Towns do at their public works garages, including Exeter and Stratham;
- ⇒ **Never pour harmful chemicals down the drain or on the ground.** These chemicals include pesticides, paints, preservatives, automotive products, home hobby chemicals and cleaning fluids;
- ⇒ **Take your household toxics to the household hazardous waste collection.** Individuals can take left-over chemicals to a central collection point and the chemicals are disposed of at licensed treatment and disposal facilities;
- ⇒ **Take advantage of New Statewide programs for LEAD SINKER AND NiCd BATTERY ⇒ disposal — available year round.** For the location of disposal sites in the area contact the NHDES or the Rockingham Planning Commission at the numbers shown below.

FOR MORE INFORMATION CALL...

NH Poison Control —	1-800-562-8236
NH Dept of Environmental Services —	271-2047
Rockingham County/UNH Coop. Ext.—	679-5616
Rockingham Planning Commission —	778-0885

WHEN MAKING PURCHASES, AVOID PRODUCTS CONTAINING:
Benzene, Toluene, Naphthalene, Trichloroethylene, Tetrachloroethylene,
Methylene Chloride, Carbon Tetrachloride

2016 Spring Rain Barrel Sale - Order by May 31st



[1]

The Exeter Conservation Commission and Exeter Healthy Lawns Clean Water Committee is pleased to announce our partnership with The Great American Rain Barrel Company. We are offering Exeter residents an opportunity to purchase rain barrels at the discounted rate of \$79!!!
The first 10 orders receive an additional \$20 off!

Orders must be placed by **May 31st** and will be distributed on **June 4th from 9am-11am** at the Department of Public Works. For more information and to place your order click the link below.

Why pay to water your garden when nature provides what you need for free?

Web Links

[Exeter Rain Barrel Program](http://exeternh.gov/bcc/2016-spring-rain-barrel-sale-order-may-31st) [2]

Source URL: <http://exeternh.gov/bcc/2016-spring-rain-barrel-sale-order-may-31st>

Links:

[1] <http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/bcc/page/13141/rainbarrel.jpg?itok=U8QWIOqo>

[2] <https://www.greatamericanrainbarrel.com/c-178-exeter-nh.aspx>

2016 EXETER RIVER WATERSHED VRAP DATA

	Measurements not meeting New Hampshire surface water quality standards
	Measurements not meeting NHDES quality assurance/quality control standards

^A Specific conductance > 835 $\mu\text{S}/\text{cm}$ indicate exceedance of chronic chloride standard of 230 mg/L

^B Chronic water quality standard

^C Calculated using 1/2 of the 0.25 mg/L detection limit of TKN (0.125 mg/L)

15-EXT, Exeter River, Haigh Road, Exeter - NHDES Trend Station

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)	Chloride (mg/L)	<i>E. coli</i> (CTS/100mL)	<i>E.coli</i> Geometric Mean
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}$ ^A	NA	230 ^B	>406	<126
06/22/2016	12:15	5.99	67.3	6.95	1.44	248.4	21.0	53	110	
07/13/2016	13:00	6.92	80.5	6.98	1.28	273.4	22.9	47	20	
08/17/2016	14:10	6.41	76.4	6.97	0.81	285.4	24.2	67	10	28
10/20/2016	13:30	6.90	64.5	6.68	0.40	286.3	12.3	48		

Date	Time of Sample	Total Phosphorus (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Nitrite (NO ₂)+ Nitrate(NO ₃) (mg/L)	Total Nitrogen (mg/L)
Standard	NA	Narrative	Narrative	Narrative	Narrative
06/22/2016	12:15	0.0220	0.45	0.17	0.62
07/13/2016	13:00	0.0155	0.33	0.15	0.48
08/17/2016	14:10	0.0128	< 0.25	0.10	0.22 ^C

14-EXT, Exeter River, Pickpocket Dam/Cross Road Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (μS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 μS/cm ^A	NA
07/05/2016	08:51	6.23	74.0	6.96	1.69		24.0
07/19/2016	08:49	5.54	66.9	7.02	0.90		24.8
08/09/2016	08:57	5.06	59.3	6.76	0.54	261.9	23.4
08/23/2016	09:00	5.56	63.8	6.98	0.71	263.5	22.1

13-EXT, Exeter River, Kingston Road (Route 111) Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (μS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 μS/cm ^A	NA
07/05/2016	09:17	4.07	47.7	6.80	1.20		23.2
07/19/2016	09:20	3.97	47.4	6.81	0.95		24.3
08/09/2016	09:14	3.97	47.3	6.75	1.19	146.7	22.0
08/23/2016	09:25	4.56	51.3	6.79	0.97	278.3	21.1

12A-EXT, Exeter River, Linden Street Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (μS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 μS/cm ^A	NA
07/05/2016	09:44	5.38	62.8	6.96	2.53		23.2
07/19/2016	09:43	3.15	37.7	6.51	2.47		24.3
08/09/2016	09:34	6.10	70.5	6.93	1.69	303.4	22.2
08/23/2016	09:43	3.88	44.0	6.57	3.51	167.4	21.5

12-EXT, Exeter River, Court Street/Route 108 Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
07/05/2016	10:20	3.28	38.5	6.56	5.53		23.2
07/19/2016	10:01	2.67	31.9	6.62	3.02		24.5
08/09/2016	09:48	3.15	36.7	6.54	2.04	145.5	22.8
08/23/2016	09:59	3.34	37.7	6.59	4.03	132.7	21.3

05-LTE, Little River, Garrison Road Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/28/2016	09:20	6.39	72.9	6.97	4.68		21.9
07/12/2016	08:58	4.96	54.6	6.99	3.96		20.1
08/02/2016	09:15	4.64	51.7	7.03	2.72		21.6
08/16/2016	08:55	4.31	50.4	6.84	1.92	125	23.3

02-LTE, Little River, Linden Street Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/28/2016	09:54	3.63	41.6	6.60	6.19		22.2
07/12/2016	09:31	6.03	67.5	6.76	3.96		20.9
08/02/2016	09:56	5.22	59.4	6.46	6.87	325.1	21.6
08/16/2016	09:30	2.61	30.3	6.68	3.60	294.3	22.6

00-LTE, Little River, Gilman Street Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/28/2016	10:38	5.74	66.6	6.67	4.83		22.7
07/12/2016	10:03	7.27	82.9	6.78	9.84		21.9
07/12/2016	10:12	7.16	82.0	6.73	9.06		21.8
08/02/2016	10:41	6.48	74.2	6.77	4.37	177.4	22.1
08/16/2016	09:55	5.45	63.6	6.70	5.40	312.2	22.3

09-EXT, Exeter River, High Street Bridge, Exeter

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
07/19/2016	10:20	5.48	66.9	7.01	2.43		25.5

Volunteers Needed for the Water Quality Monitoring



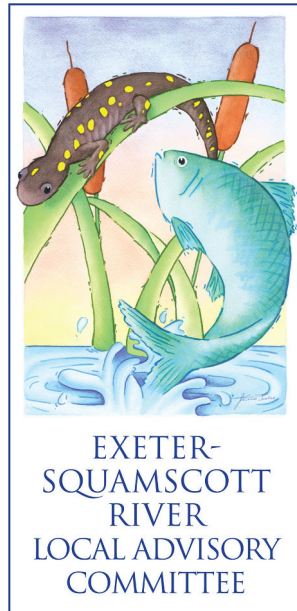
Help the Exeter Conservation Commission collect water quality data in support of the state wide Volunteer River Assessment Program (VRAP). Training Provided.

SAMPLING OCCURRS JULY – AUG, TUESDAYS AT 8:30 AM
Meet in the Municipal Lot Behind 10 Front Street

Interested?

Contact the Town's Natural Resource Planner
Kristen Murphy, for more information
kmurphy@exeternh.gov; 603.418.6452





2016 Annual Report Exeter-Squamscott River Local Advisory Committee 20th Anniversary

The Exeter-Squamscott River is enrolled in the New Hampshire Rivers Management and Protection Program, a unique partnership between citizens, towns, and state government designed to promote and protect the river's outstanding natural and cultural resources. The Exeter-Squamscott River Local Advisory Committee (ESRLAC) is comprised of citizen volunteers living in towns along the river, vested in working together to protect water quality, water quantity, wildlife habitat and recreational opportunities. The Exeter-Squamscott River is one river with two names, reflecting the fresh water (Exeter River) and salt water (Squamscott River) portions of this major tributary to Great Bay.

ESRLAC Representatives:

Brentwood:	Emily Schmalzer Eric Turer
Chester:	Vacant
Danville:	Vacant
East Kingston:	Vacant
Exeter:	Donald Clement David O'Hearn
Fremont:	Ellen Douglas John Roderick
Kensington:	Vacant
Kingston:	Evelyn Nathan
Newfields:	William Meserve
Raymond:	Vacant
Sandown:	Mark Traeger
Stratham:	Donna Jensen Nathan Merrill

ESRLAC celebrated its 20th year of stewardship of the river in 2016. The year was marked by communal discussion and review of significant projects along the river – the removal of Great Dam in downtown Exeter, the construction of a new arts complex at Phillips Exeter Academy in Exeter, and the construction of a new wastewater treatment plant on the Squamscott River in Exeter. ESRLAC reviewed these development proposals and provided comments to local boards and state agencies. ESRLAC also reviewed smaller scale development proposals in several towns for work along the river, including expansion of commercial buildings and installation of septic systems. ESRLAC reviews all plans closely to identify and recommend ways in which water quality in the river may be protected through stormwater management and other conservation minded development practices. ESRLAC lost a long-term and valued member in 2016, Peter Richardson of Exeter.

In 2017, ESRLAC will release a new and improved website, designed to communicate important river related information. In addition, the Committee will continue working with residents, towns, developers, state agencies and other groups involved in land development and land conservation along the river.

ESRLAC seeks members from all communities in the watershed. If you are a resident of Chester, Raymond, Fremont, Sandown, Danville, Kingston, East Kingston, Brentwood, Kensington, Exeter, Stratham, or Newfields and are interested in joining ESRLAC, please call the Rockingham Planning Commission at 603 778 0885 for more information.

May 05, 2016 1:23PM

Print Page

You are invited to dam day

EXETER — Adults and children are invited to view the New Hampshire Fish and Game Department's fish ladder in downtown Exeter on Saturday, May 14 from 11:30 a.m. to 12:30 p.m. to see fish making their annual spring journey around Great Dam from salt water in the Squamscott River to fresh water in the Exeter River.

Public access to the fish ladder is available next to 11 Water Street Restaurant in downtown Exeter. Staff from Fish and Game will be on hand to explain the purpose of the fish ladder, describe the types of fish using the ladder, and the department's extensive habitat restoration efforts.

Migratory fish such as smelt, alewife, blueback herring, American shad, American Eel, and sea lamprey all migrate between freshwater and saltwater. These fish face significant challenges on route, including dams such as Great Dam and degrading water quality upstream. On-going efforts to improve and sustain the ecological health of the Exeter and Squamscott Rivers, as well as other tributaries to Great Bay, are important for maintaining diverse fish stocks in the watershed.

This free event is presented by the Exeter-Squamscott River Local Advisory Committee and the Exeter Conservation Commission in partnership with the NH Fish and Game Department. For more information call ESRLAC at 778-0885.

<http://www.seacoastonline.com/article/20160505/NEWS/160509489>

Print Page

Help Build a Rain Garden and Help Great Bay



When: Monday, July 25, 2016, 9:00 a.m.-12:30 p.m.

Where: # 2 La Perle Ave., Exeter

What: Join the Great Bay Stewards and Soak Up the Rain New Hampshire to plant a rain garden and contribute to cleaning up the Great Bay watershed. **Dirt is already excavated.**

Lunch and equipment provided

To volunteer: call or e-mail Laura Byergo

Cell: (301) 928-0647; E-mail: Laura.Byergo@greatbaystewards.org