

Municipality/Organization: Town of Exeter, NH

EPA NPDES Permit Number: NHR041007

Annual Report Number & Reporting Period: Year 15
April 1, 2017 – March 31, 2018

**NPDES PII Small MS4 General Permit
Annual Report
(Due: May 1, 2018)**

Part I. General Information

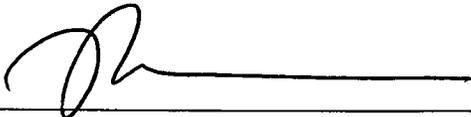
Contact Person: Jennifer Mates, P.E. **Title:** Assistant Town Engineer

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:

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

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 stormwater 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 refers 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) continues to be used to develop water quality improvement strategies for the largest urbanized watershed in the town. An NH Department of Environmental Services (NHDES) 319 Nonpoint Source Grant (319 Grant) was awarded to Waterstone Engineering to evaluate the Lincoln Street watershed. The recommendations for water quality improvements developed by Waterstone were incorporated into the design of the Lincoln Street improvement project which will begin construction in 2018. A second 319 Grant was awarded to Waterstone and sponsored by the Rockingham Planning Commission. The focus of this grant was on climate adaptation and developing policies to improve infrastructure resiliency.

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 the Great Bay region. The Town developed an accounting worksheet to track land use, which was incorporated into the PTAPP program. The Town and other stakeholders worked with the PTAPP program to refine the web-based tracking and accounting program which was made public in February 2018. The Planning Department now requires that all Planning Board applicants complete the PTAPP worksheet as part of the conditions of final approval for all Planning Board approvals.

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

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, which was made to the Select Board in April 2017.

The Town Site Plan and Subdivision regulations were reviewed for compliance with the 2017 MS4 permit requirements. A draft of recommended modifications to the regulations was prepared and presented to the Planning Board (PB) in December 2017. In April 2018, the PB will begin the public hearing process required to adopt the revised regulations.

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 until 2022.

.....

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

PUBLIC EDUCATION & OUTREACH

BMP #1 DISPLAY AT ALEWIFE FESTIVAL

The festival no longer takes place.

ADDITION

A Community Open House to discuss climate change, adaptation, and resiliency was held on February 6, 2018. The program was hosted by the Town and the NH Setting Sail Project (NH Coastal Risks and Hazards Commission). The Healthy Lawns Clean Waters (HLCW) initiative had a display at the event to educate people about the use of fertilizers in the Great Bay watershed.

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 Advisory 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 Select Board and Planning Board televised meetings included presentations about the 2017 MS4 Phase II permit. (attachment)

BMP #4 DISPLAY AT TOWN BUILDING

Permanent educational signs: 1. Rain garden located next to library; 2. Stream buffer at a popular local park. Both of these locations are adjacent to the Squamscott/Exeter Rivers and highlight how rain garden and stream buffer functions can improve water quality. Both signs were replaced in 2017 due to deterioration of the signs. (attachment)

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)

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

- 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.
- 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 2017 and Fall 2017 leaf collection, and January 2018 Christmas tree pickup. Each Town resident was permitted to have twelve bags of leaves picked up for free in the spring and fall 2017. The leaves were distributed to a compost pile and residents are allowed to use the compost. (attachment)

Newspaper Articles –

- Announcements for Spring 2017 and Fall 2017 leaf collection and January 2018 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 has been done.

The HLCW initiative presents information on activities at various meetings and public events, many of which are televised and open to the public. The HLCW received the Sustainable Communities Award from the Gulf of Maine Council on the Marine Environment in June 2017 for their work on creating and implementing a zoning ordinance to regulate the use of fertilizers. (attachment)

BMP #7 STENCIL STORM DRAINS

All catchbasins 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 2017 (8 sold in 2017) (attachment)
- Volunteer River Assessment Program (VRAP), which monitored 9 sites on the Exeter River and Little River, between February and September (4 to 6 times each). The Exeter Conservation Commission and

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Town staff conduct the annual sampling for dissolved oxygen, conductance, pH, turbidity, and temperature. This is a part of the NHDES state-wide river monitoring program. (attachment)

- Exeter-Squamscott River Local Advisory Committee (ESRLAC) – the committee is made up of volunteers representing the twelve communities in the Exeter-Squamscott River watershed. 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. (attachment)

ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP #8 SURVEY OUTFALLS

The Town has been performing field investigations and GPS mapping to update the stormwater GIS maps. This includes the location, material, inverts, and other critical information

BMP #9 MAP/UPDATE OUTFALLS

As part of the field investigations to update the stormwater GIS maps, inspection reports are completed for each outfall, which includes photos and condition assessment. The Town has been The inspection forms and photos for each of these outfalls are on record with the Town in paper and electronic formats.

BMP #10 ORDINANCE TO PROHIBIT NON-STORMWATER DISCHARGES

Existing Storm Drainage Ordinance prevents illegal discharges to the drainage system, with fines. The ordinance has been reviewed and did not require modification for compliance with the 2017 MS4 permit.

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

BMP #13 SAMPLE SUSPECT OUTFALLS

No outfall sampling was performed during this reporting period. The Town has been collecting outfall information for the entire storm drain system and is beginning to prioritize outfalls for sampling as required by the 2017 MS4 permit.

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 23,000 linear feet of stormwater lines were cleaned and inspected via CCTV camera on Garfield Street, Lincoln Street, School

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Street, Union Street, and Washington Street. No illicit connections were identified during these investigations; however many of the pipes and structures were identified as being in poor condition. The condition assessment will be used to develop future capital improvement projects.

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 is posted on the Town website.

CONSTRUCTION SITE RUNOFF CONTROL

BMP #16 UPDATE SITE REGULATION

Completed – The Town has reviewed the stormwater regulations and has proposed updates for compliance with the 2017 MS4 permit. It is anticipated that the Planning Board will review and adopt the updates in 2018.

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 2017 included at least one Best Management Practice (BMP) such as a rain garden or tree box filter.

ADDITION

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Stormwater BMP's are being incorporated into town projects. Three water quality filters and an infiltration system were included in the design of the Lincoln Street reconstruction project which is scheduled for construction in 2018.

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

Maintenance Plans are implemented during planning and construction process for developments that require Planning Board approval. In 2016, the Planning Board started to require annual Inspection and Maintenance reports be submitted annually for all new developments. The reports will be submitted to DPW for review and the Planning Department will assist on any enforcement actions that may be required.

ADDITIONS

- Stormwater inspections were performed at several private developments with deficiencies identified.

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:

- 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.
- 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 Exeter DPW Director is a member of the WISE program and the Exeter Town Engineer and Assistant Town Engineer are members of the PTAPP program.

The Town is a member of the Seacoast Stormwater Coalition and the Town Engineer attends regular meetings.

BMP #23 SWEEP STREETS

All Town streets were swept at least 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 2015, new tracking equipment was installed on the street sweeper to track the number of miles swept. A total of 3,155 miles were swept in 2017. (attachment)

BMP #24 INSPECT CATCH BASINS

A total of 550 catch basins were documented with individual inspection forms that are connected to the Town's GIS database.

BMP #25 CLEAN CATCH BASINS

A total of 550 catch basins were cleaned in 2017.

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

LIST OF ATTACHMENTS

1. Exeter Community Open House flyer (BMP #1)
2. Exeter Select Board MS4 presentation (BMP #3)
3. Rain Garden sign (BMP #3)
4. Norris Brook Buffer sign (BMP #3)
5. Septic Week announcement (BMP #4)
6. Think Blue (BMP #4)
7. Police Department Drug Drop-off (BMP #4)
8. Household Hazardous Waste Day announcement (BMP #4)
9. Spring leaf pickup (BMP#4)
10. Fall leaf pickup (BMP#4)
11. Rain barrel sale announcement (BMP #7)
12. Conservation Commission VRAP volunteer flyer (BMP #7)
13. VRAP data summary (BMP #7)
14. ESRLAC annual report (BMP #7)
15. Street sweeping announcement (BMP #4, #23)

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

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 stormwater 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 refers 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) continues to be used to develop water quality improvement strategies for the largest urbanized watershed in the town. An NH Department of Environmental Services (NHDES) 319 Nonpoint Source Grant (319 Grant) was awarded to Waterstone Engineering to evaluate the Lincoln Street watershed. The recommendations for water quality improvements developed by Waterstone were incorporated into the design of the Lincoln Street improvement project which will begin construction in 2018. A second 319 Grant was awarded to Waterstone and sponsored by the Rockingham Planning Commission. The focus of this grant was on climate adaptation and developing policies to improve infrastructure resiliency.

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 the Great Bay region. The Town developed an accounting worksheet to track land use, which was incorporated into the PTAPP program. The Town and other stakeholders worked with the PTAPP program to refine the web-based tracking and accounting program which was made public in February 2018. The Planning Department now requires that all Planning Board applicants complete the PTAPP worksheet as part of the conditions of final approval for all Planning Board approvals.

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

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, which was made to the Select Board in April 2017.

The Town Site Plan and Subdivision regulations were reviewed for compliance with the 2017 MS4 permit requirements. A draft of recommended modifications to the regulations was prepared and presented to the Planning Board (PB) in December 2017. In April 2018, the PB will begin the public hearing process required to adopt the revised regulations.

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 until 2022.

.....

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

PUBLIC EDUCATION & OUTREACH

BMP #1 DISPLAY AT ALEWIFE FESTIVAL

The festival no longer takes place.

ADDITION

A Community Open House to discuss climate change, adaptation, and resiliency was held on February 6, 2018. The program was hosted by the Town and the NH Setting Sail Project (NH Coastal Risks and Hazards Commission). The Healthy Lawns Clean Waters (HLCW) initiative had a display at the event to educate people about the use of fertilizers in the Great Bay watershed.

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 Advisory 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 Select Board and Planning Board televised meetings included presentations about the 2017 MS4 Phase II permit. (attachment)

BMP #4 DISPLAY AT TOWN BUILDING

Permanent educational signs: 1. Rain garden located next to library; 2. Stream buffer at a popular local park. Both of these locations are adjacent to the Squamscott/Exeter Rivers and highlight how rain garden and stream buffer functions can improve water quality. Both signs were replaced in 2017 due to deterioration of the signs. (attachment)

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)

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

- 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.
- 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 2017 and Fall 2017 leaf collection, and January 2018 Christmas tree pickup. Each Town resident was permitted to have twelve bags of leaves picked up for free in the spring and fall 2017. The leaves were distributed to a compost pile and residents are allowed to use the compost. (attachment)

Newspaper Articles –

- Announcements for Spring 2017 and Fall 2017 leaf collection and January 2018 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 has been done.

The HLCW initiative presents information on activities at various meetings and public events, many of which are televised and open to the public. The HLCW received the Sustainable Communities Award from the Gulf of Maine Council on the Marine Environment in June 2017 for their work on creating and implementing a zoning ordinance to regulate the use of fertilizers. (attachment)

BMP #7 STENCIL STORM DRAINS

All catchbasins 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 2017 (8 sold in 2017) (attachment)
- Volunteer River Assessment Program (VRAP), which monitored 9 sites on the Exeter River and Little River, between February and September (4 to 6 times each). The Exeter Conservation Commission and

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Town staff conduct the annual sampling for dissolved oxygen, conductance, pH, turbidity, and temperature. This is a part of the NHDES state-wide river monitoring program. (attachment)

- Exeter-Squamscott River Local Advisory Committee (ESRLAC) – the committee is made up of volunteers representing the twelve communities in the Exeter-Squamscott River watershed. 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. (attachment)

ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP #8 SURVEY OUTFALLS

The Town has been performing field investigations and GPS mapping to update the stormwater GIS maps. This includes the location, material, inverts, and other critical information

BMP #9 MAP/UPDATE OUTFALLS

As part of the field investigations to update the stormwater GIS maps, inspection reports are completed for each outfall, which includes photos and condition assessment. The Town has been The inspection forms and photos for each of these outfalls are on record with the Town in paper and electronic formats.

BMP #10 ORDINANCE TO PROHIBIT NON-STORMWATER DISCHARGES

Existing Storm Drainage Ordinance prevents illegal discharges to the drainage system, with fines. The ordinance has been reviewed and did not require modification for compliance with the 2017 MS4 permit.

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

BMP #13 SAMPLE SUSPECT OUTFALLS

No outfall sampling was performed during this reporting period. The Town has been collecting outfall information for the entire storm drain system and is beginning to prioritize outfalls for sampling as required by the 2017 MS4 permit.

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 23,000 linear feet of stormwater lines were cleaned and inspected via CCTV camera on Garfield Street, Lincoln Street, School

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Street, Union Street, and Washington Street. No illicit connections were identified during these investigations; however many of the pipes and structures were identified as being in poor condition. The condition assessment will be used to develop future capital improvement projects.

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 is posted on the Town website.

CONSTRUCTION SITE RUNOFF CONTROL

BMP #16 UPDATE SITE REGULATION

Completed – The Town has reviewed the stormwater regulations and has proposed updates for compliance with the 2017 MS4 permit. It is anticipated that the Planning Board will review and adopt the updates in 2018.

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 2017 included at least one Best Management Practice (BMP) such as a rain garden or tree box filter.

ADDITION

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

Stormwater BMP's are being incorporated into town projects. Three water quality filters and an infiltration system were included in the design of the Lincoln Street reconstruction project which is scheduled for construction in 2018.

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

Maintenance Plans are implemented during planning and construction process for developments that require Planning Board approval. In 2016, the Planning Board started to require annual Inspection and Maintenance reports be submitted annually for all new developments. The reports will be submitted to DPW for review and the Planning Department will assist on any enforcement actions that may be required.

ADDITIONS

- Stormwater inspections were performed at several private developments with deficiencies identified.

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:

- 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.
- 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 Exeter DPW Director is a member of the WISE program and the Exeter Town Engineer and Assistant Town Engineer are members of the PTAPP program.

The Town is a member of the Seacoast Stormwater Coalition and the Town Engineer attends regular meetings.

BMP #23 SWEEP STREETS

All Town streets were swept at least 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 2015, new tracking equipment was installed on the street sweeper to track the number of miles swept. A total of 3,155 miles were swept in 2017. (attachment)

BMP #24 INSPECT CATCH BASINS

A total of 550 catch basins were documented with individual inspection forms that are connected to the Town's GIS database.

BMP #25 CLEAN CATCH BASINS

A total of 550 catch basins were cleaned in 2017.

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

Permit #NHR041007 Town of Exeter, NH

ANNUAL REPORT 2017 – 2018

LIST OF ATTACHMENTS

1. Exeter Community Open House flyer (BMP #1)
2. Exeter Select Board MS4 presentation (BMP #3)
3. Rain Garden sign (BMP #3)
4. Norris Brook Buffer sign (BMP #3)
5. Septic Week announcement (BMP #4)
6. Think Blue (BMP #4)
7. Police Department Drug Drop-off (BMP #4)
8. Household Hazardous Waste Day announcement (BMP #4)
9. Spring leaf pickup (BMP#4)
10. Fall leaf pickup (BMP#4)
11. Rain barrel sale announcement (BMP #7)
12. Conservation Commission VRAP volunteer flyer (BMP #7)
13. VRAP data summary (BMP #7)
14. ESRLAC annual report (BMP #7)
15. Street sweeping announcement (BMP #4, #23)

TOWN OF EXETER COMMUNITY OPEN HOUSE

Climate Change, Adaptation & Resilience



SPONSORED BY THE TOWN OF EXETER, NH
AND THE SETTING SAIL PROJECT

Join town staff and civic groups for an open house featuring initiatives in the Town of Exeter that address climate change and how the community might adapt to create a more resilient and sustainable future.

Wander through interactive exhibits to learn about the many exciting activities happening in your community. Discover how you can participate and be a climate champion!

Tuesday, Feb. 6, 2018

4:30–7:30pm

Town Hall, 10 Front St.

Light refreshments will be served.

2017
Master Plan

Exeter Rises

Selectmen's
2017
Proclamation
to support the
Paris Climate
Accord

Healthy
Lawns &
Clean Water
Committee

Climate
Risk in the
Seacoast
Flood
Assessment

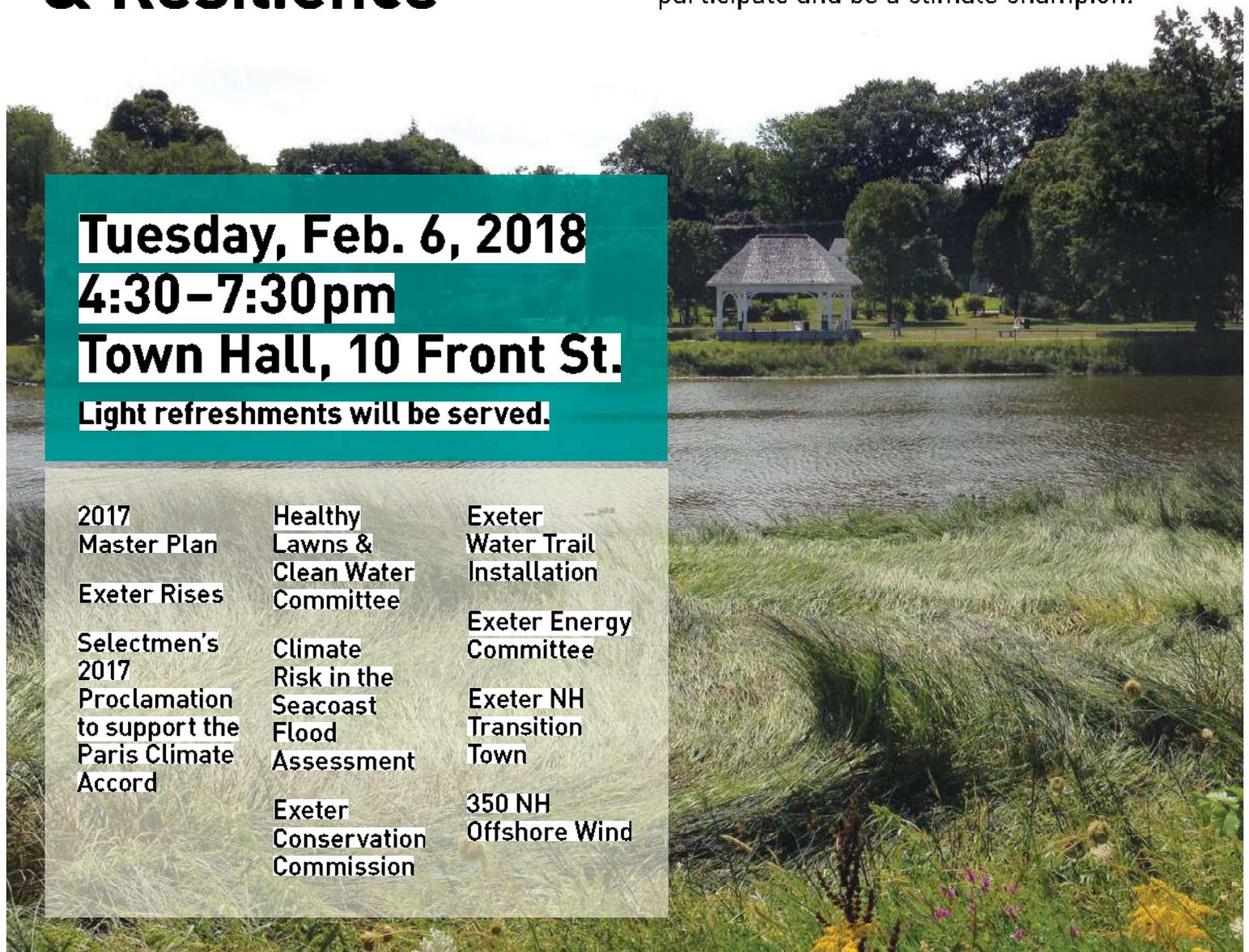
Exeter
Conservation
Commission

Exeter
Water Trail
Installation

Exeter Energy
Committee

Exeter NH
Transition
Town

350 NH
Offshore Wind



Be a climate champion!

This project was funded, in part, by NOAA's Office for Coastal Management under the Coastal Zone Management Act in conjunction with the New Hampshire Department of Environmental Services Coastal Program.



NPDES NH Small MS4 Permit Town of Exeter

**Overview of New Hampshire Small Municipal
Separate Storm Sewer System (MS4)
Permit Requirements**



WRIGHT-PIERCE 
Engineering a Better Environment

Presented by: Lyndsay Butler, PE

Agenda

- NPDES Introduction
- NPDES NH Small MS4 Permit
 - What is MS4? (stormwater collection & conveyance systems)
 - Regulated Areas
 - Comparison of Permit Requirements (2003 to 2017)
 - Threatened or Impaired Water Bodies
- NPDES Wastewater Permit and AOC
- Implementation Timeline

Founder's Park Rain Garden

WHY A RAIN GARDEN? By keeping rain -or storm- water in the natural water cycle a rain garden is a positive response to the growing urban problem of storm water runoff. The built environment can remove rainfall from the water cycle in ways that disrupts our ecosystem. The Founder's Park Rain garden demonstrates how a rain garden functions to improve water quality and return it to the groundwater.

SURFACES such as roofs and roadways are "impervious" to water-- that is do not directly allow for the filtration of water back to earth. With big rainfall events stormwater runoff can overwhelm municipal sewer systems and cause sewage overflows. Untreated sewage moves into storm sewers and then directly to streams, rivers, laes and oceans. Today, many communities including the Twn of Exeter are facing considerable costs for rebuilding sewage treatment plants due to not only the pressure of new development, but also from the additional volumes of stormwater caused by impervious surfaces. Impervious surfaces also contribute to water pollution. Water that moves over impervious surfaces can deliver pollutants from cars, trucks and other sources to our natural water systems and drinking water.

AS A NATURAL VEGETATED FILTER a rain garden can help by "treating" the stormwater it collects. Plants naturally "clean-u]" many of the pollutants found in stormwater in their growing process by utilizing nitrates and other substances. Microorganisms in the soil mix "feed" on some pollutatnts. The sandy soil mix filters out other substances present in the stormwater that cloud water and are known as Total Suspended Solids. These cleansing processes work together to improve the quality of the stormwater and keep it in the natural water cycle.

THE FOUNDER'S PARK RAIN GARDEN captures running off from Chestnut Street that would otherwise enter into a catch basin and release directly into the Exeter River. Over the course of a year, this small rain garden can help to treat nearly 34,000 gallons of water before returning the water to the groundwater. Important design elements of the garden: Stones check the speed of stormwater as it enters our rain garden to help limit erosion; A frame which precludes mosquitos; An overflow pipe to the lawn area prevents flooding of the pathway and parking area in an unusually large storm event; Predominately native, pathway and parking area in an unusually large storm event; Predominately native, selected plants are more likely to prevail through the demanding regimen of periodic flooding and drought and invite wildlife such as songbirds and butterflies

THE FUTURE With time, the plantings will mature and raise the quantities of water and pollutants treated while also increasing the scale and diversity of the garden's wildlife habitat. Silt may collect on the bottom of the stream bed and refuse may clog the overflow valve requiring occasional removal. Little other maintenance is required.

HOW CAN YOU? Sponsor or install a rain garden of your own. For more information on the use of rain gardens in preserving water quality, please refer to Ironwood design group's website: www.fewood.com. Visit the suppliers that generously donated to our garden for the purchase of compost, native plants and other materials that benefit our natural ecosystem.



Volunteer students from Exeter High School prepare the soil for the slopes of the rain garden and install the shrubs and perennials



The Exeter Department of Public Works prepares the rain garden under the design and direction of Ironwood design group. Boulders slow water as it enters the garden off the steep hill of Chestnut Street. A special compost mix quickly infiltrates the stormwater back into the groundwater table.



Images of the first rain after the curb cut and installation of the rain garden. Stormwater flowing down Chestnut Street is diverted to the rain garden. Before, stormwater flowed to a nearby catch basin and discharged untreated, directly into the Exeter River.



This project was made possible by generous donations and volunteers. Ironwood design group: Design and oversight of installations by volunteers. Stonepost Nursery and Churchill's Garden Center: Perennials and shrubs. Stratham ircle Nursery: Red Maple. Seacoast Farms Compost Products: Compost soil mix.



WATER QUALITY BUFFER at Norris Brook, Swasey Parkway

Trees, shrubs and other plants along the banks of streams, rivers, and wetlands play an important role in the health of waterways.

These vegetated areas (buffers) stabilize banks, moderate temperatures, and filter pollutants such as fertilizers and pesticides.

In 2004, the Town of Exeter along with our many partners identified below, worked with volunteers to replant a buffer along this section of Norris Brook. These plants provide an attractive landscape, create habitat for birds and pollinators, and serve an important role in keeping our river healthy.

By planting this buffer and reducing mowing adjacent to Norris Brook we contribute to improved water quality in the brook, the tidal Squamscott River into which the brook flows, and ultimately to Great Bay, the Squamscott's final destination.



JOE-PYE-WEED



BLUE LUPINS



TALL BONESET



WINTERBERRY

Plants used in the buffer:

These are just a sample of the plants chosen to enhance this buffer. For this project, annual and perennial plant species were selected with the goal to provide year round color and interest. With the diversity of plants available, plant selection can easily be tailored to meet site conditions and property owner's individual goals. If you are considering planting a buffer along a watercourse, the Town or the State Department of Environmental Services can provide a list of species to help guide your selection.

SPONSORED BY



New Hampshire
Coastal Program



EXETER-
SQUAMSCOTT RIVER
LOCAL ADVISORY
COMMITTEE





Exeter, NH Public Works

@ExeterNHPublicWorks

Home

About

Photos

Reviews

Videos

Events

Posts

Community

Like Follow Share ...



Exeter, NH Public Works

September 24, 2017 · 🌐

Today wraps up [Septic Smart](#) week!

Remember: It's important to apply these tips if you're on a private [septic](#) or town sewer!

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)

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

septicmart
EPA-832-F-16-016 | July 2016

Like

Comment

Share

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

Published on *Town of Exeter New Hampshire Official Website* (<http://exeternh.gov>)

Drug Drop-Off Box



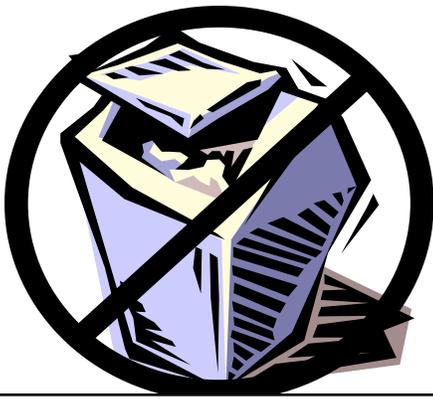
[1]

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.

Source URL: <http://exeternh.gov/police/drug-drop-box>



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!

2017 HOUSEHOLD HAZARDOUS WASTE COLLECTION EXETER, STRATHAM, NEWFIELDS, EAST KINGSTON, EPPING, SEABROOK & SOUTH HAMPTON

SATURDAY, OCTOBER 21, 2017

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 2017 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***

Spring Leaf Pick-up



[1]

Curbside spring leaf pick-up will be May 1st - 5th 2017 on your regular pick-up day.

Northside Carting will pick-up leaves curbside twice each year (1 spring and 1 fall date). Bags must be biodegradable paper bags and placed curbside by 7 a.m. on your rubbish collection day (12 bag limit per residence). Bags are available to purchase at local hardware or grocery stores. In addition, leaves can be taken directly to the Transfer Station (no permit required) during hours of operation.

Leaves brought to the Transfer Station or collected curbside are composted. Compost is available to residents free of charge. For availability contact Public Works!

Source URL: <http://exeternh.gov/publicworks/spring-leaf-pick-1>

Links:

[1]

http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/publicworks/page/34591/leaf_and_rake.jpg?itok=4ZkVLef7

Published on *Town of Exeter New Hampshire Official Website* (<http://exeternh.gov>)

Fall Leaf Pick-up



[1]

Curbside fall leaf pick-up will be November 27th - December 1st on your regular pick-up day.

Waste Management picks-up leaves curbside twice each year (1 spring and 1 fall date). Bags must be biodegradable paper bags and placed curbside by 7 a.m. on your rubbish collection day (12 bag limit per residence). Bags are available to purchase at local hardware or grocery stores. In addition, leaves can be taken directly to the Transfer Station (no permit required) during hours of operation.

Leaves brought to the Transfer Station or collected curbside are composted. Compost is available to residents free of charge.

Source URL: <http://exeternh.gov/publicworks/fall-leaf-pick-0>

Links:

[1] http://exeternh.gov/sites/default/files/styles/gallery500/public/imageattachments/publicworks/page/40551/img_7835.jpg?itok=sikHKpTm

2017 Spring Rain Barrel Sale



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 through our Exeter Community Program.

Orders must be placed by **May 6th** and will be distributed on **May 13th 9am-12am** at the Department of Public Works. For more information and to place your order click the link below and select Community Programs, Exeter NH

<https://www.greatamericanrainbarrel.com/> ^[1]

Source URL: <http://exeternh.gov/bcc-cc/2017-spring-rain-barrel-sale>

Links:

[1] <https://www.greatamericanrainbarrel.com/>



Exeter Conservation Commission

2017 Volunteer River Assessment Program (VRAP) Water Testing

Come learn about the health of our local rivers while collecting important water quality data in the Town of Exeter. Each year the Town participates in the New Hampshire Department of Environmental Services river monitoring program which evaluates water quality throughout NH.

We meet every Wednesday at 8:30 am in the municipal parking lot behind the Town Office building. We have also added one Saturday per month this year. From there we travel to different sites throughout town and sample water by lowering a bucket down from bridges. There is no need to enter the river itself. We are usually back at the parking lot by 11 at the latest and sooner as people become accustomed to the methods.

Training and equipment provided. If you have any questions, contact Kristen Murphy at kmurphy@exeternh.gov or (603) 418-6452.

Created by: KM Kristen Murphy ✉

Date (mm/dd/yyyy EDT)	Location	Available Slot	 Calendar View
06/14/2017 (Wed. 8:30am - 11:00am)	10 Front Street	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
06/21/2017 (Wed. 8:30am - 11:00am)	10 Front St	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
06/24/2017 (Sat. 8:30am - 11:00am)	10 Front Street	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
06/28/2017 (Wed. 8:30am - 11:00am)	10 Front Street	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
07/05/2017 (Wed. 8:30am - 11:00am)	10 Front Street	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
07/12/2017 (Wed. 8:30am - 11:00am)	10 Front Street	Volunteer 1	Sign Up <input type="checkbox"/>
		Volunteer 2	Sign Up <input type="checkbox"/>
07/19/2017 (Wed. 8:30am - 11:00am)	10 Front St	Volunteer 1	Sign Up <input type="checkbox"/>

[Submit and Sign Up](#)

07/22/2017 (Sat. 8:30am - 11:00am)	10 Front	Volunteer 1	Sign Up <input type="checkbox"/>
	Street	Volunteer 2	Sign Up <input type="checkbox"/>
07/26/2017 (Wed. 8:30am - 11:00am)	10 Front	Volunteer 1	Sign Up <input type="checkbox"/>
	Street	Volunteer 2	Sign Up <input type="checkbox"/>
08/09/2017 (Wed. 8:30am - 11:00am)	10 Front	Volunteer 1	Sign Up <input type="checkbox"/>
	Street	Volunteer 2	Sign Up <input type="checkbox"/>
08/16/2017 (Wed. 8:30am - 11:00am)	10 Front	Volunteer 1	Sign Up <input type="checkbox"/>
	Street	Volunteer 2	Sign Up <input type="checkbox"/>
08/26/2017 (Sat. 8:30am - 11:00am)	10 Front	Volunteer 1	Sign Up <input type="checkbox"/>
	Street	Volunteer 2	Sign Up <input type="checkbox"/>

Submit and Sign Up

2017 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
02/14/2017	14:15	15.28	104.5	6.12	0.54	248.1	0.0	48.0		
06/22/2017	14:30	8.25	94.4	7.02	1.28	239.2	22.1	50.0	40	
07/20/2017	13:15	6.49	78.8	6.79	2.04	260.9	25.0	62.8	70	
08/17/2017	14:00	7.24	82.2	6.55	1.13	285.4	21.6	69.2	80	61
09/13/2017	11:50	8.65	90.6	6.81		237.7	17.6			
09/25/2017	11:00	7.15	78.3	6.68		260.4	19.7			

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
02/14/2017	14:15	0.015	0.31	0.19	0.50
06/22/2017	14:30	0.028	0.52	0.17	0.69
07/20/2017	13:15	0.021	0.52	0.26	0.78
08/17/2017	14:00	0.015	0.27	0.21	0.48

14-EXT, Exeter River, Pickpocket Dam/Cross 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
06/23/2017	9:00	7.84	91.1	6.72	2.14	217.4	22.7
07/05/2017	8:48	7.83	91.9	6.65	2.03	216.3	23.4
07/26/2017	8:53	8.34	92.7	6.74	2.13	240.7	20.6
08/29/2017	9:38	8.41	89.9	6.37	1.86	231.7	18.7

13-EXT, Exeter River, Kingston Road (Route 111) 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
06/23/2017	9:26	7.44	87.4	6.45	1.80	215.2	23.5
07/05/2017	9:06	7.39	86.2	6.67	1.92	219.9	23.0
07/26/2017	9:12	8.00	88.3	6.43	1.63	239.9	20.2
08/29/2017	9:56	8.01	84.9	6.54	1.52	235.3	18.3

12A-EXT, Exeter 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
06/23/2017	9:52	6.90	79.4	6.38	2.42	216.3	22.3
07/05/2017	9:28	6.99	80.5	6.57	3.81	218.4	22.4
07/26/2017	9:35	7.44	81.8	6.39	3.25	246.7	19.9
08/29/2017	10:11	8.26	87.2	6.52	2.25	242.4	18.1

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
06/23/2017	10:20	6.34	73.4	6.52	2.95	213.0	22.7
07/05/2017	9:42	6.76	78.8	6.41	5.30	232.0	23.1
07/26/2017	10:04	7.53	83.0	6.59	3.40	242.7	20.0
08/29/2017	10:41	7.51	79.5	6.47	2.93	242.3	18.2

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
06/14/2017	9:00	6.70	76.1	6.52	2.47	206.3	21.8
06/28/2017	8:50	6.83	72.8	6.71	4.19	245.5	17.7
07/19/2017	8:50	7.00	81.4	6.65	1.98	244.7	22.9
08/29/2017	11:01	8.95	92.5	6.85	1.08	258.3	17.0

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

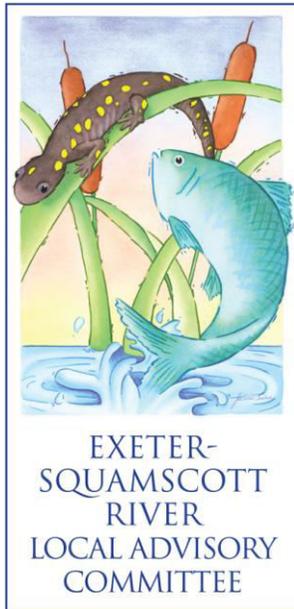
Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/14/2017	9:43	6.06	70.5	6.51	3.47	203.1	23.0
06/28/2017	9:28	6.57	70.5	6.63	5.73	256.9	18.8
07/19/2017	9:25	6.04	71.1	6.50	4.14	27.2	23.5
08/29/2017	11:26	7.16	75.6	6.61	3.23	256.5	17.9

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
06/14/2017	9:59	6.88	79.5	6.35	4.63	231.3	22.7
06/28/2017	9:50	7.01	74.9	6.52	6.73	288.9	18.5
07/19/2017	9:58	6.44	75.8	6.55	5.13	286.4	23.5
08/29/2017	11:43	8.75	93.2	6.39	6.11	278.4	18.4

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
06/14/2017	10:41	5.68	66.3	6.31	4.01	215.1	22.9
06/28/2017	10:13	5.99	70.6	6.67	5.28	225.6	23.6
07/19/2017	10:25	7.78	86.1	6.49	5.54	241.5	20.3
08/29/2017	11:59	8.71	96.8	6.78	3.78	266.1	19.5



2017 Annual Report Exeter-Squamscott River Local Advisory Committee

www.exeterriver.org

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. Established in 1996, the Exeter-Squamscott River Local Advisory Committee (ESRLAC) is comprised of citizen volunteers living in towns in the watershed, 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

2017 marked ESRLAC's 21st year of acting "for the good of the river". The Committee continued to review proposals for land development along the river, providing information and analysis to developers, local boards and state agencies. ESRLAC reviews all plans closely to identify and recommend ways in which natural resources in and alongside the river may be protected through stormwater management and other conservation minded development practices.

In September, ESRLAC hosted an informational meeting on the future of the Mill Road dam in Brentwood. The workshop provided residents with information about management of the dam, including dam repair versus dam removal.

Also in 2017, ESRLAC refreshed the Committee's website, www.exeterriver.org, designed to share the watershed management plan, as well as river related research and reports. Work on the website will continue in 2018, with the goal of creating a robust library for river stewardship.

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.



Exeter, NH Public Works

@ExeterNHPublicWorks

Home

About

Photos

Reviews

Videos

Events

Posts

Community

Create a Page

Like Follow Share ...



Exeter, NH Public Works added 2 new photos.

5 hrs · 🌐

Street Sweeping is not just about keeping roadways clean.

- 1 Regular cleaning keeps debris & trash from building up. This keeps properties looking great & prevents storm drains from getting clogged and flooding.
- 2 Clean & clear pavement protects the public. When street gutters become filled with debris, they can potentially cause vehicles to spin out or collide. Sidewalks filled with debris can be dangerous for pedestrians & cyclists because they may be forced to swerve into the road to avoid big objects, mud, or other trash. Regular sweeping can take care of these safety hazards.
- 3 Regular sweeping prevents harmful bacteria from growing & spreading. Road trash contains organic compounds, a breeding ground for bacteria, which can be dangerous for both humans & animals.
- 4 Street sweeping ultimately protects cars & other vehicles from getting damaged. Gravel, trash, & other debris can be detrimental to tires & undercarriages.
- 5 Pavement that is swept on a regular basis keeps water supplies safe by preventing particulates, trace metals, & other hazardous materials from entering storm drains.



Like Comment Share

5

Top Comments ▾