

# **EPA MS4 Stormwater Permit – NOI Parts 1&2**

**Seacoast Stormwater Coalition  
NOI Technical Assistance  
July 25, 2018**



ROCKINGHAM P L A N N I N G C O M M I S S I O N

# Notice of Intent (NOI) for coverage under Small MS4 General Permit Page 1 of 19

## Part I: General Conditions

### General Information

Name of Municipality or Organization:  State:

EPA NPDES Permit Number (if applicable):

### Primary MS4 Program Manager Contact Information

Name:  Title:

Street Address Line 1:

Street Address Line 2:

City:  State:  Zip Code:

Email:  Phone Number:

Fax Number:

### Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

# Part I – General Conditions

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#### **Other Information**

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

# Endangered Species & Historic Resources

## Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Yes

National Historic Preservation Act (NHPA) Determination Complete? Yes

Eligibility Criteria  
(check all that apply):  A  B  C

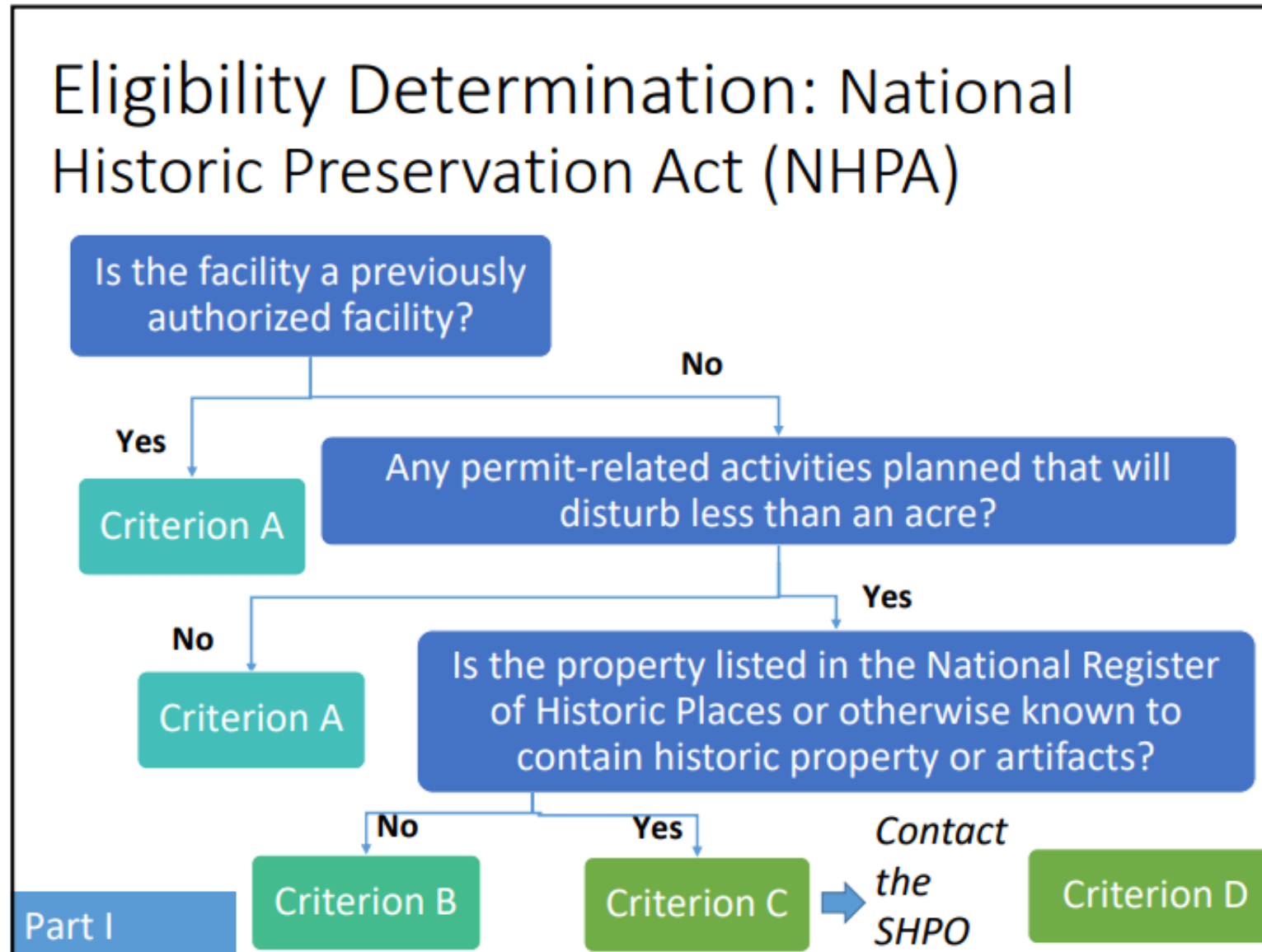
Eligibility Criteria  
(check all that apply):  A  B  C  D

# Endangered Species Act Determination

Use Fish and Wildlife Service IPAC Tool - <https://ecos.fws.gov/ipac/>

- Criteria A – Are there any Endangered Species? If No, Select A
- Criteria B – Does your MS4 area have a dwarf wedge mussel, northeast bulrush, Piping Plover, Roseate Tern, Jessup Milk-vetch? If Yes, will your discharge activities likely to affect listed species? Call US Fish and Wildlife Service for consultation [\(603\) 223-2541](tel:6032232541)
- Criteria C – Does your MS4 are have a Northern long-eared bat or Small whorled Pogonia and not any species listed in Criteria B **OR** did you contact EPA and they agree that your discharge activities will have no affect ?

# Historic Resources Determination



# 2003 Permit

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

## MS4 Infrastructure (if covered under the 2003 permit)

**Estimated Percent of Outfall Map Complete?**  
*(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)*

If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published:

*If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)*

If outfall map is unavailable on the internet - an electronic or paper copy of the outfall map must be included with NOI submission.

## Regulatory Authorities (if covered under the 2003 permit)

**Illicit Discharge Detection and Elimination (IDDE) Authority Adopted?**  
*(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)*

Effective Date or Estimated Date of Adoption (MM/DD/YY):

**Construction/Erosion and Sediment Control (ESC) Authority Adopted?**  
*(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)*

Effective Date or Estimated Date of Adoption (MM/DD/YY):

**Post-Construction Stormwater Management Adopted?**  
*(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)*

Effective Date or Estimated Date of Adoption (MM/DD/YY):

# Part II – Receiving Waters

## Notice of Intent (NOI) for coverage under Small MS4 General Permit

### Part II: Summary of Receiving Waters

Please list the waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments.

New Hampshire list of impaired waters: <http://des.nh.gov/organization/divisions/water/wmb/swqa/>

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2 of the permit. List any other pollutants in the last column, if applicable.

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/DO Saturation	Nitrogen	Oil & Grease/PAH	Phosphorus	Solids/TSS/Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Use impaired waterbodies map and table to determine.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
See Note 1 in Section IV		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



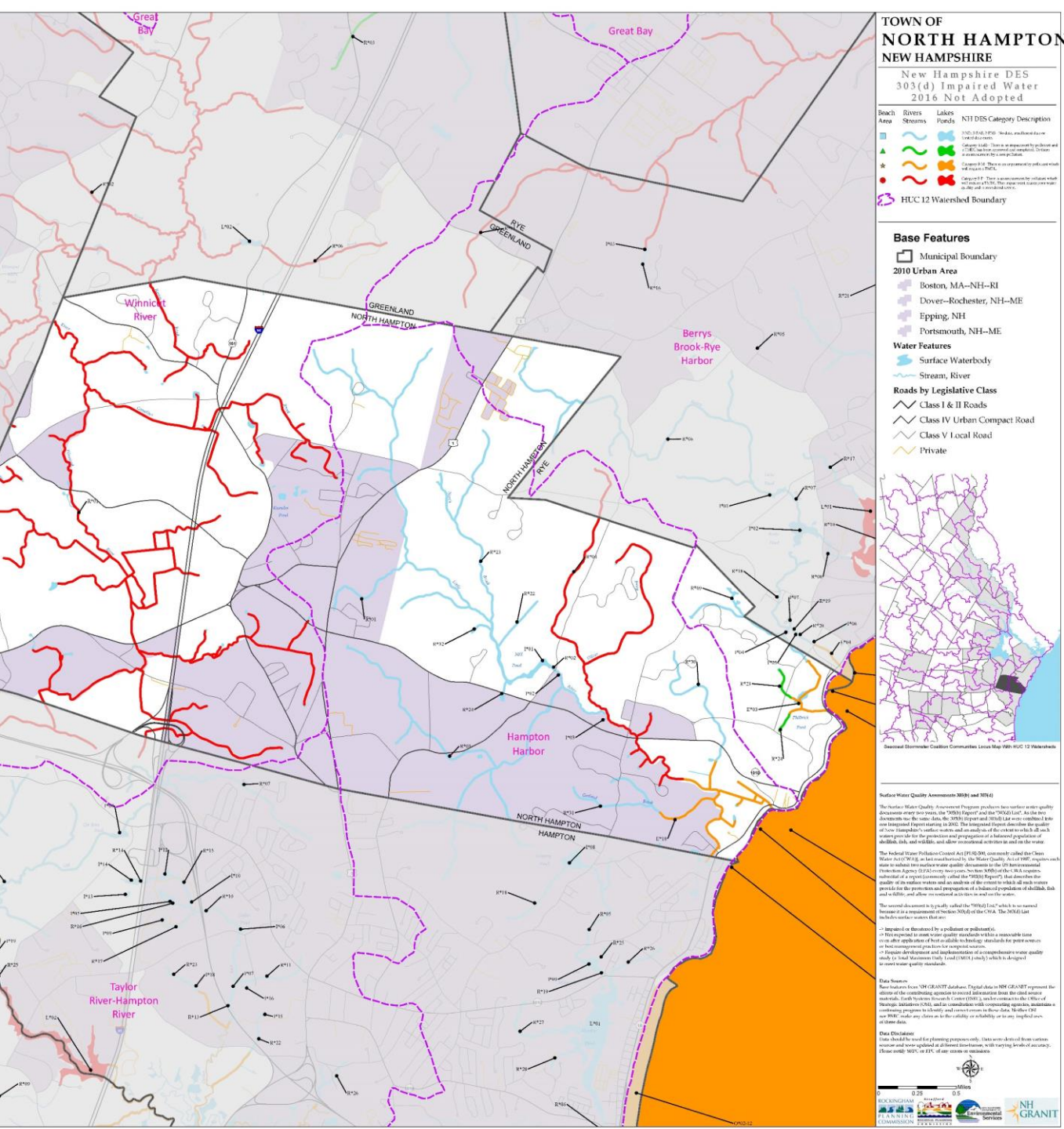
# What is an Outfall?

## Permit Definition

Outfall: A point source as defined by 40 CFR 122.2 (and below) at the point where a municipal separate storm sewer discharges to waters of the United States and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the United States and are used to convey waters of the United States. (Appendix A – Definitions)














## SSC “Definition”

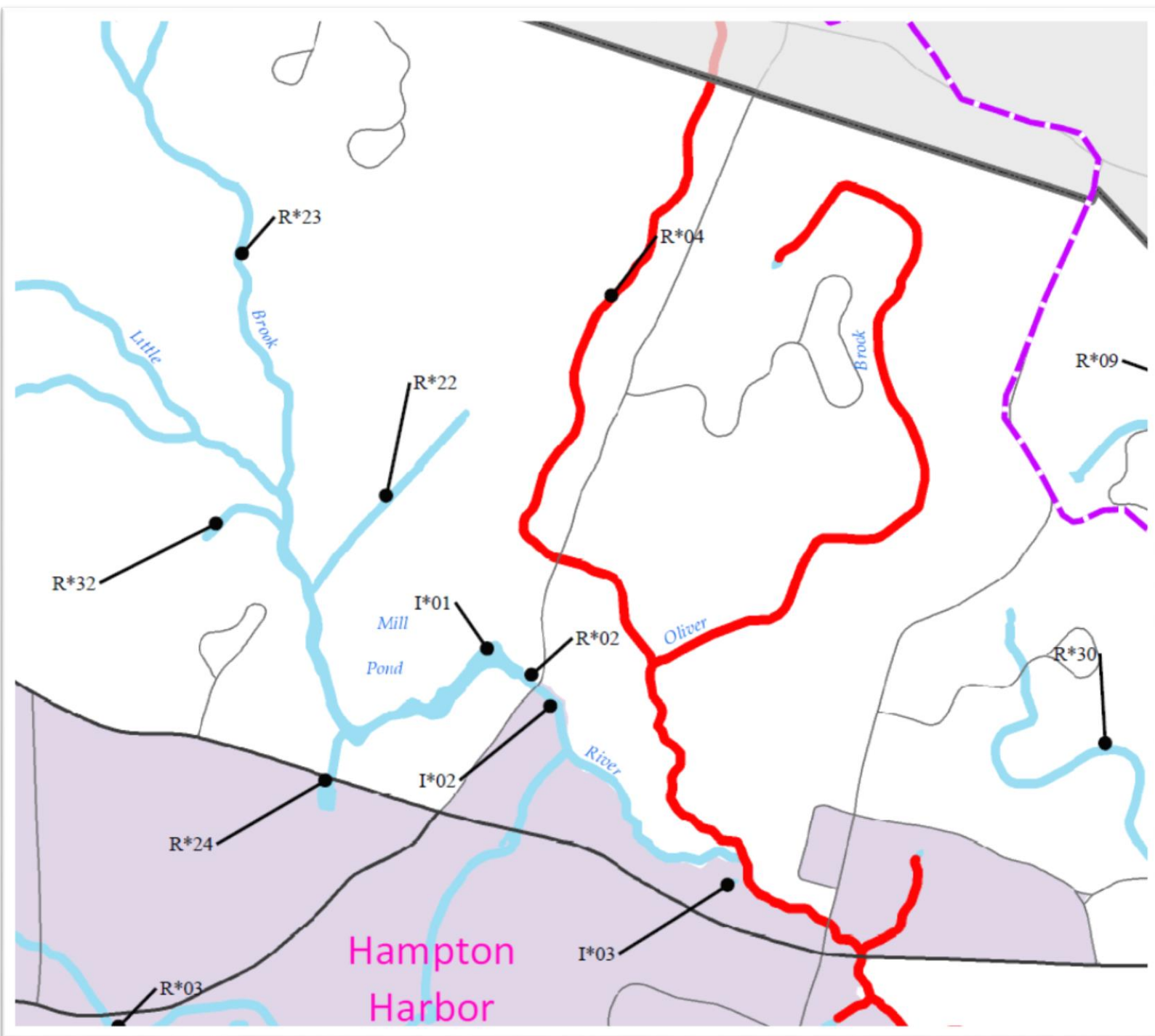
Outfall = A point where the end of a pipe or other manmade BMP discharges as the outfall points most proximal to impaired water segments.(SSC Meeting 11/26/2017)

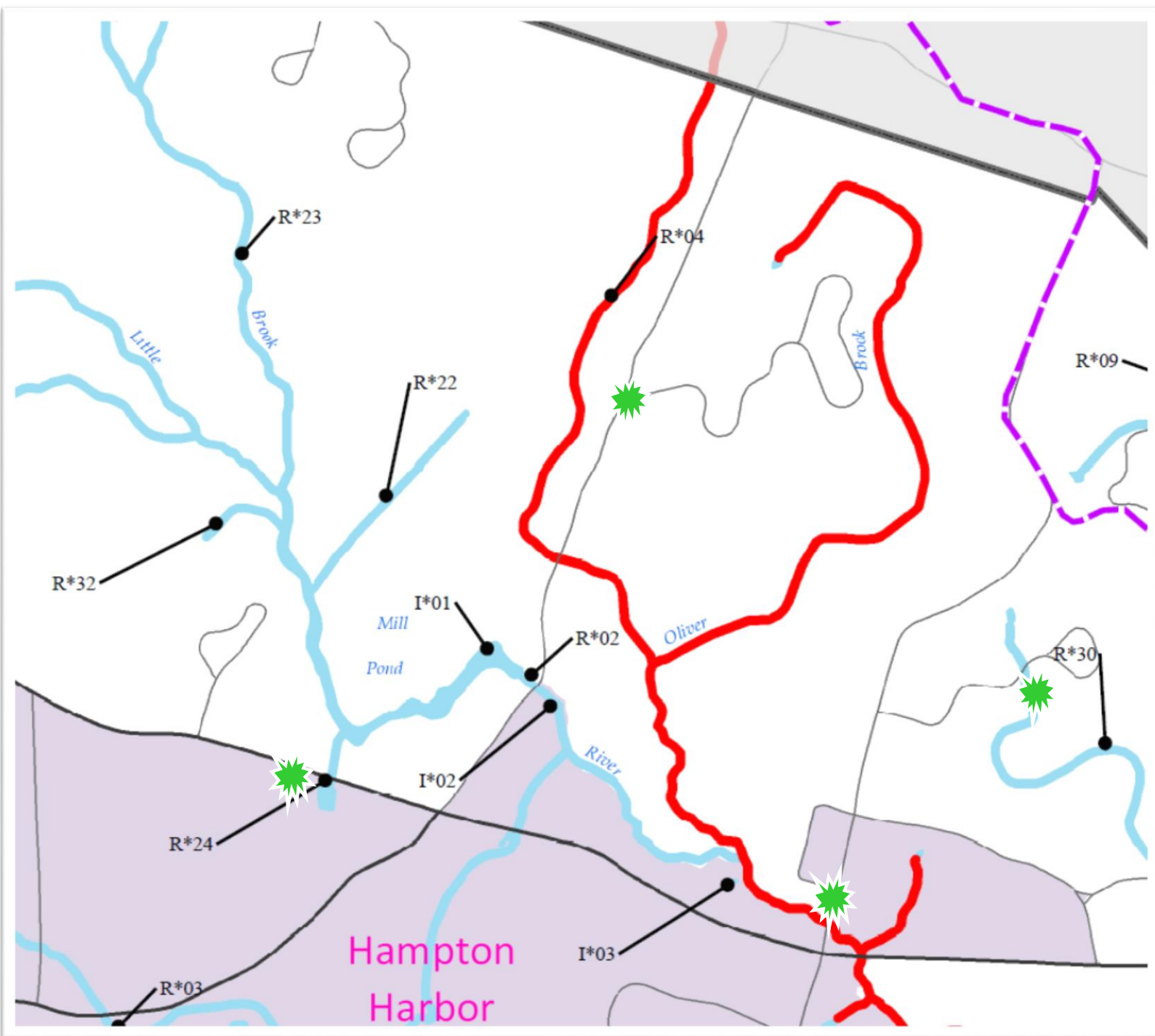


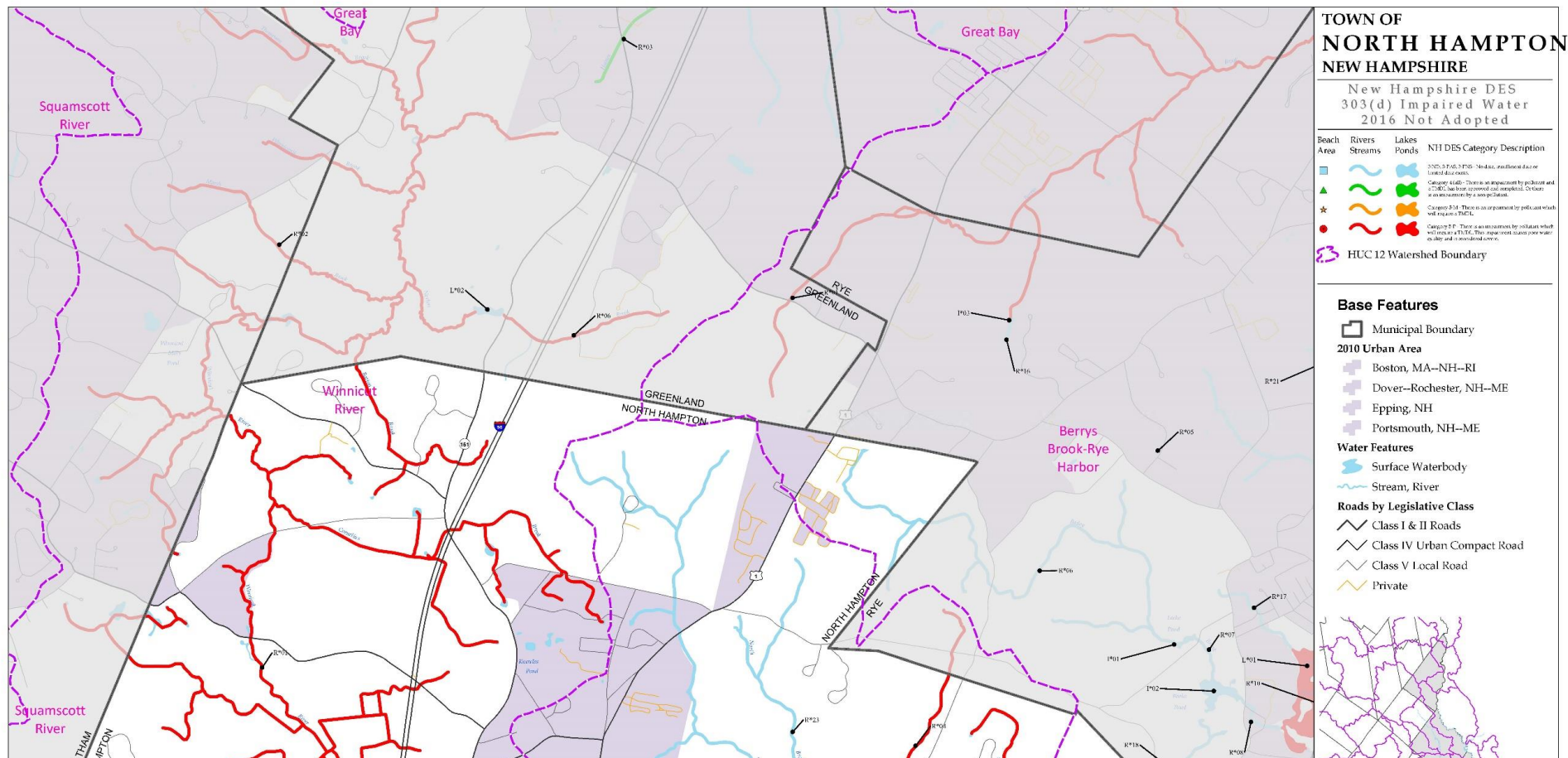
- All waterbodies, all roads
- All waterbody IDs
- Impairment status
- MS4 Areas
- HUC 12 Watersheds

# New Hampshire DES 303(d) Impaired Water 2016 Not Adopted

Beach Area	Rivers Streams	Lakes Ponds	NH DES Category Description
			3-ND, 3-PAS, 3-PNS - No data, insufficient data or limited data exists.
			Category 4 (all) - There is an impairment by pollutant and a TMDL has been approved and completed. Or there is an impairment by a non-pollutant.
			Category 5-M - There is an impairment by pollutant which will require a TMDL.
			Category 5-P - There is an impairment by pollutant which will require a TMDL. This impairment causes poor water quality and is considered severe.
	HUC 12 Watershed Boundary		







Impaired Water Bodies - North Hampton, 2016

AUID	AUID Label	Waterbody Name	Impairment Level	Parameter Type	Parameter Level	In MS4
NHRIV600030901-02	R*02	WINNICUT RIVER - BARTON BROOK - MARSH BROOK - THOMPSON BROOK	5-P	Escherichia coli	4A-M	Yes
				Mercury	4A-M	
				Oxygen, Dissolved	5-P	
NHRIV600030901-07	R*07	WINNICUT RIVER - UNNAMED BROOK	5-P	Dissolved oxygen saturation	5-M	Yes
				Mercury	4A-M	
				Oxygen, Dissolved	5-P	
				pH	5-M	
NHRIV600031002-23	R*23	TRIB TO CHAPEL BROOK	4A-P	Escherichia coli	4A-P	No
				Mercury	4A-M	
NHRIV600031002-24	R*24	CHAPEL BROOK	4A-P	Escherichia coli	4A-P	No
				Mercury	4A-M	
NHRIV600031004-04	R*04	LITTLE RIVER - UNNAMED BROOK - OLIVER BROOK	5-P	Mercury	4A-M	Yes
				pH	5-P	

# Maps & Tables

- 2012, 2014 and 2016 Impaired Waters Maps for all SCC members
- Tables on impairment type, TMDL Status, and MS4 Area for 2012, 2014, and 2016.
- Associated GIS Files (2012, 2014, and 2016)

# How Do I Get My Maps?!?!?

Long-term – To be posted to Seacoast Stormwater Coalition blog

Short-term – Contact Rob Pruyne, RPC GIS Manager ([rpruyne@rpc-nh.org](mailto:rpruyne@rpc-nh.org), 778-0885) or Kyle Pimental, SPRC Principle Regional Planner ([kpimental@strafford.org](mailto:kpimental@strafford.org) or 994-3504)



# NOI Guidance – coming soon!

## 2018 MS4 STORMWATER PERMIT NOTICE OF INTENT (NOI) GUIDE

NH Seacoast Stormwater Coalition

### Part III – Stormwater Management Program Summary

#### Minimum Control Measure 1: Public Education and Outreach (Section 2.3.2)

The purpose of this requirement is to section is "implement an education program that includes educational goals based on stormwater issues of significance within the MS4 area. The ultimate objective of a public education program is to increase knowledge and change behavior of the public so that pollutants in stormwater are reduced."

2.3.2.1. – The educational program shall define educational goals, express specific messages, define the targeted audience for each message, and identify responsible parties for program implementation. At a minimum, the program shall provide information concerning the impact of stormwater discharges on water bodies within the community, especially those waters that are impaired or identified as a priority waters. The program shall identify steps and/or activities that the public can take to reduce the pollutants in stormwater runoff and their impacts to the environment.

This minimum control measure requires that the educational program include education and outreach efforts for the following four audiences.

1. Residents
2. Businesses, institutions (private colleges, private schools, hospitals) and commercial facilities
3. Developers (construction)
4. Industrial facilities (if existing in MS4 area)

Each audience must receive a minimum of two educational messages over the five year permit term.

#### Notes

For Water Quality Limited Waterbodies (Permit Appendix H) and waterbodies with bacterial TMDLs additional education and outreach requirements are required and may be counted as part of the general education and outreach requirements. See Appendix A for more detail.

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**Part III. Stormwater Management Program Summary**  
Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs).  
For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed. Public education and outreach BMPs also requires a target audience. **Use the drop-down menus in each table or enter your own text to override the drop-down menus.**

**MCM 1: Public Education and Outreach**

BMP Media Category <small>(select one or more from the drop-down menu)</small>	BMP Description	Targeted Audience	Responsible Department/Parties <small>(select your own text to override the drop-down menu)</small>	Measurable Goal	Beginning Year of BMP Implementation
<input type="checkbox"/>		Residents			
<input type="checkbox"/>		Businesses, Institutions and Commercial Facilities			
<input type="checkbox"/>		Developers (construction)			
<input type="checkbox"/>		Industrial Facilities			
<input type="checkbox"/>		Residents			
<input type="checkbox"/>		Businesses, Institutions and Commercial Facilities			
<input type="checkbox"/>		Developers (construction)			
<input type="checkbox"/>		Industrial Facilities			
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Atkinson  
Brentwood  
Danville  
East Kingston  
Epping  
Exeter  
Fremont  
Greenland  
Hampstead  
Hampton  
Hampton Falls  
Kensington  
Kingston  
New Castle  
Newfields  
Newington  
Newton  
North Hampton  
Plaistow  
Portsmouth  
Raymond  
Rye  
Salem  
Sandown  
Seabrook  
South Hampton  
Stratham

# Questions?

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Rockingham Planning Commission

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603-778-0885 | [www.rpc-nh.org](http://www.rpc-nh.org)

