

# NH MS4 Stormwater Permit



**NH Water & Watershed Conference, March 18,  
2016**

Barbara McMillan,  
NH Department of Environmental Services



# MS4????

Municipal

Separate

Storm

Sewer

System



# New Hampshire



## Waterbodies

Ocean, Lakes, Ponds

Rivers

## Political Boundaries

County

Town

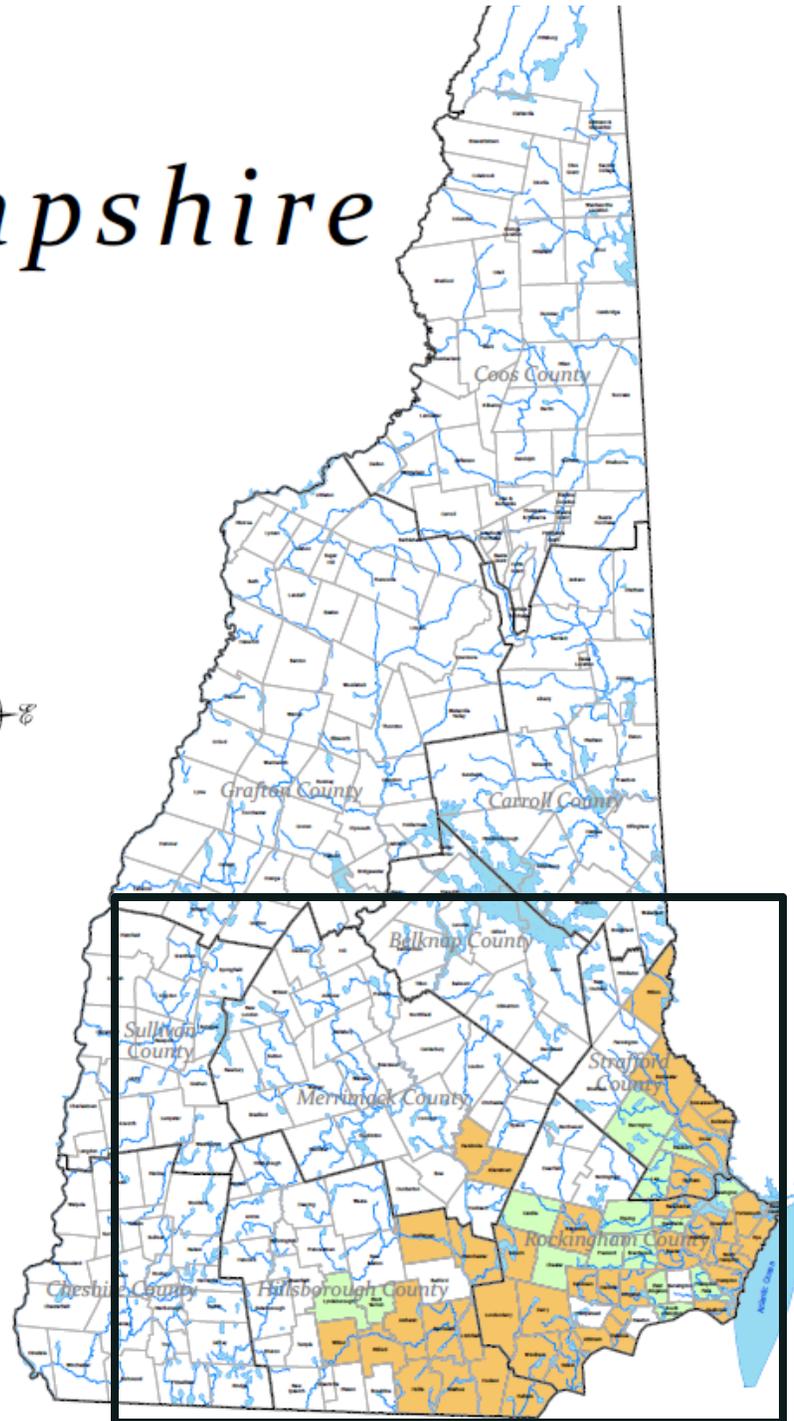
## NH MS4s

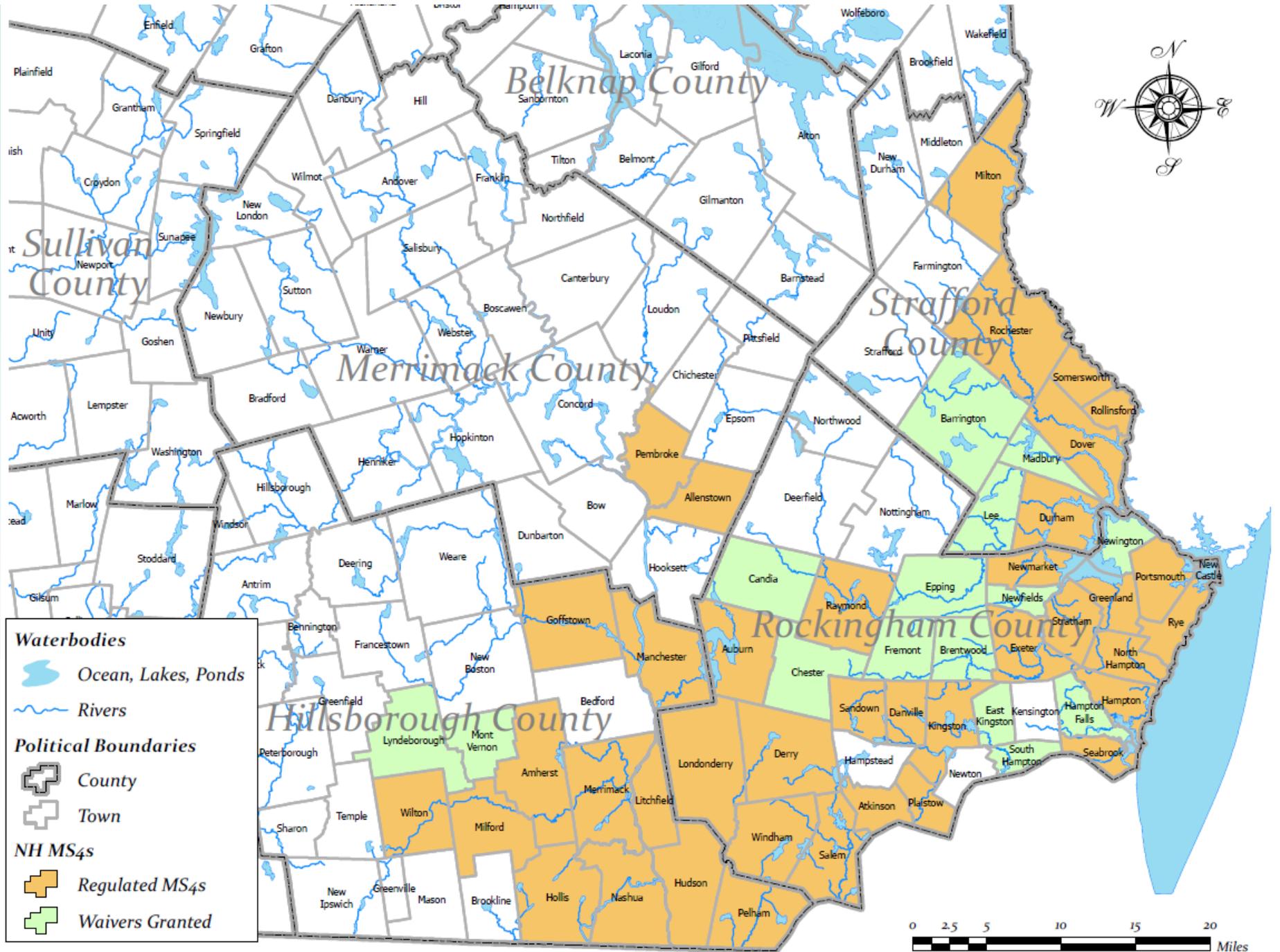
Regulated MS4s

Waivers Granted



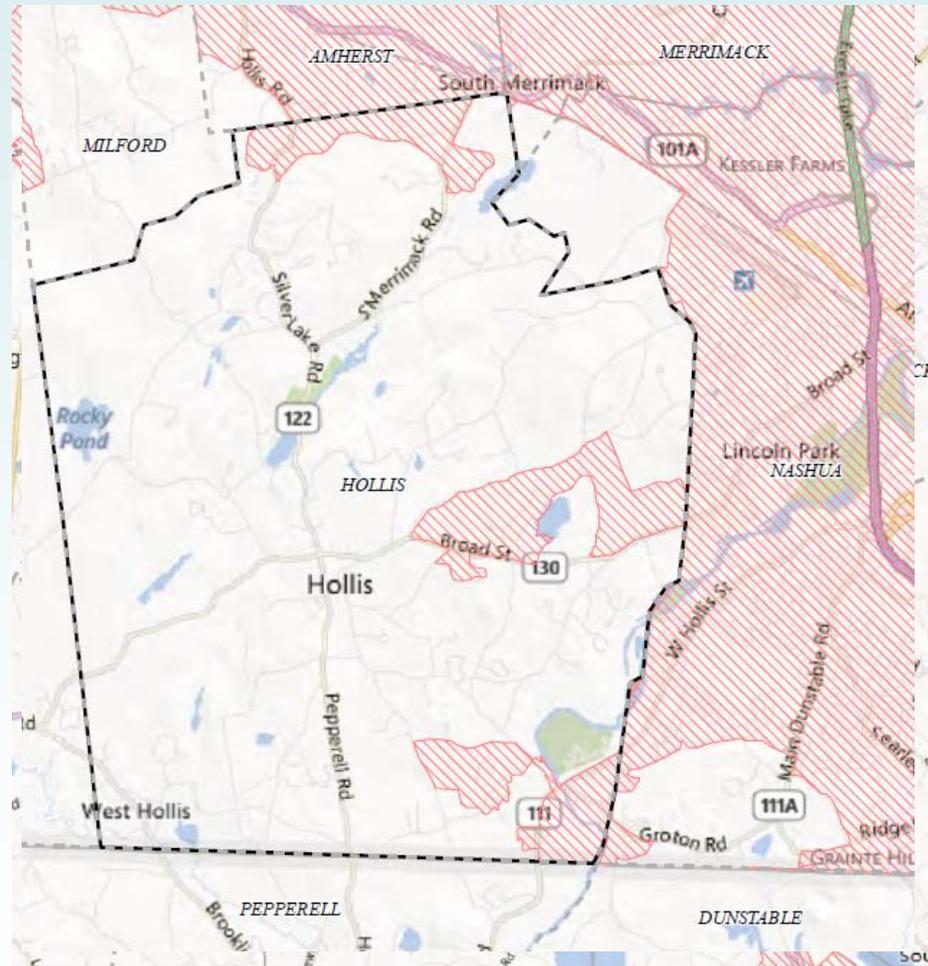
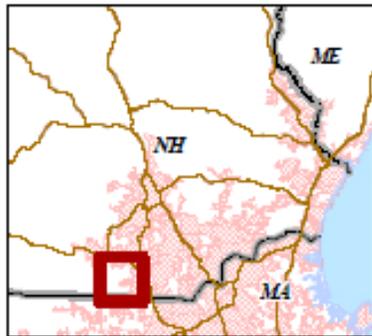
0 2.75 5.5 11 16.5 22  
Miles





Map Created 1/25/2016 by Matthew A. Wood, NHDES

# Urban Areas



# Hurry up a Wait!



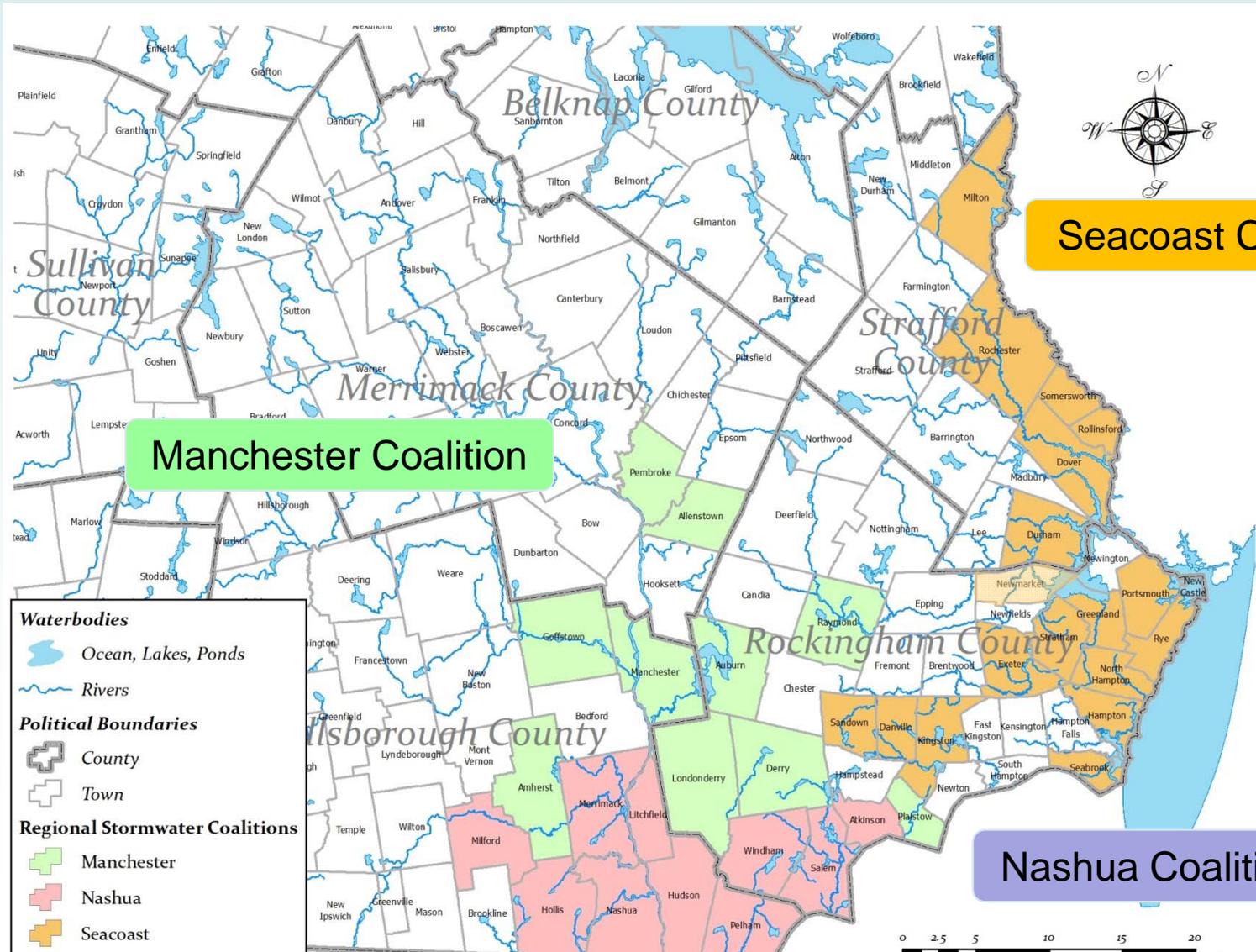
Sometimes I feel like  
I'm waiting for  
something  
That's never  
gonna happen.  
[the-purplekangaroo.tumblr](http://the-purplekangaroo.tumblr)

# Who is Doing the Work?

*How the heck am I going to meet these crazy stormwater permit requirements?*



# Stormwater Coalitions





# Providing Assistance

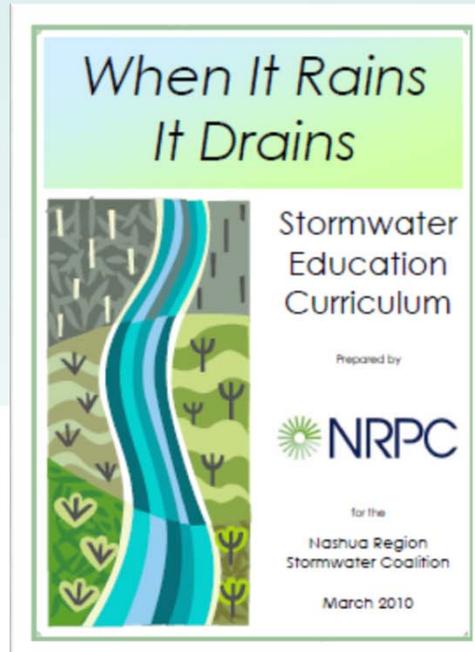


# Permit Requirements:

## Six Minimum Control Measures

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Storm Water Runoff Control
5. Post Construction Management
6. Pollution Prevention and Good Housekeeping

# 1. Public Education and Outreach



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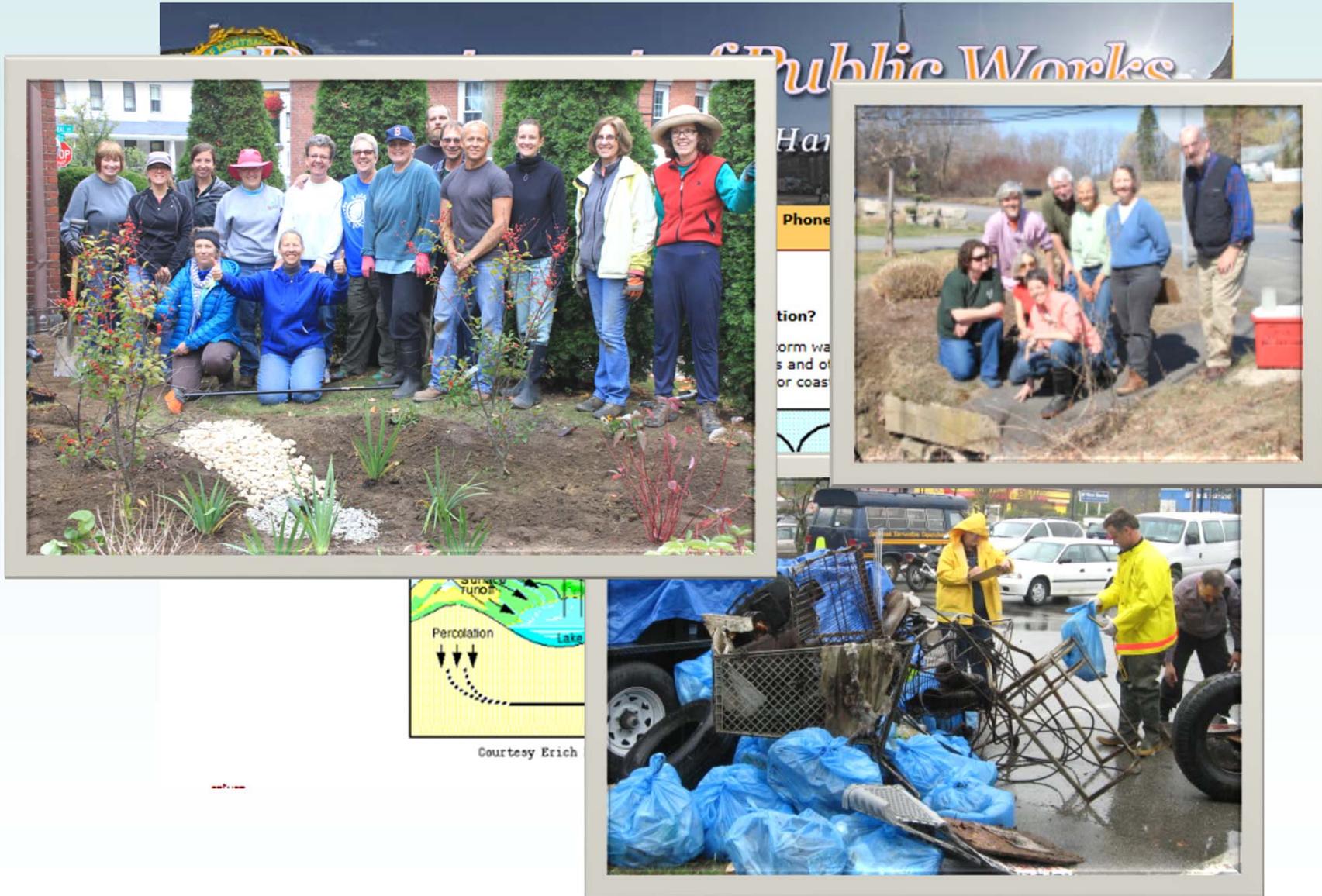


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# 2. Public Participation/Involvement



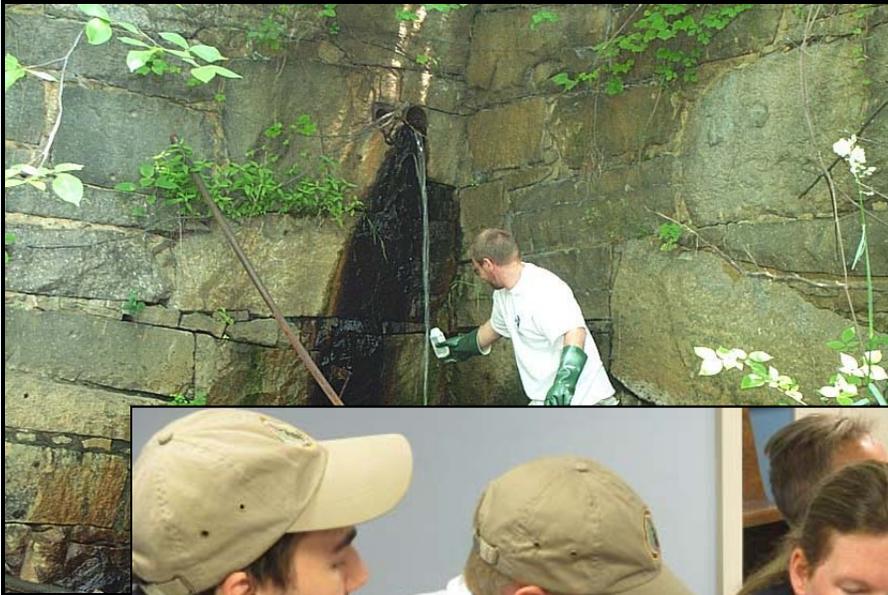
Courtesy Erich

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# 3. Illicit Discharge Detection and Elimination



**Guidelines and  
Standard Operating Procedures**

Illicit Discharge Detection and Elimination  
and  
Pollution Prevention/Good Housekeeping

for Stormwater Phase II Communities in New Hampshire

NOVEMBER 2004

The image shows the cover of a manual. At the top left is a logo featuring a blue and green leaf. The title is in a serif font. Below the title is a photograph of a pond or stream in a park-like setting with trees and grass. At the bottom, there is text indicating the manual is for Stormwater Phase II Communities in New Hampshire and was published in November 2004.



# Permit Requirements:

## Six Minimum Control Measures

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# 4. Construction Site Runoff Control



# Permit Requirements:

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6. Pollution Prevention and Good Housekeeping

# 5. Post Construction Runoff Control



 **MODEL STORMWATER STANDARDS FOR COASTAL WATERSHED COMMUNITIES**

*Prepared by the University of New Hampshire Stormwater Center and The Rockingham Planning Commission  
December 2012*



**New Hampshire Coastal Watershed Communities**

*This project was funded under the Coastal Zone Management Act by NOAA's Office of Ocean and Coastal Resource Management.*



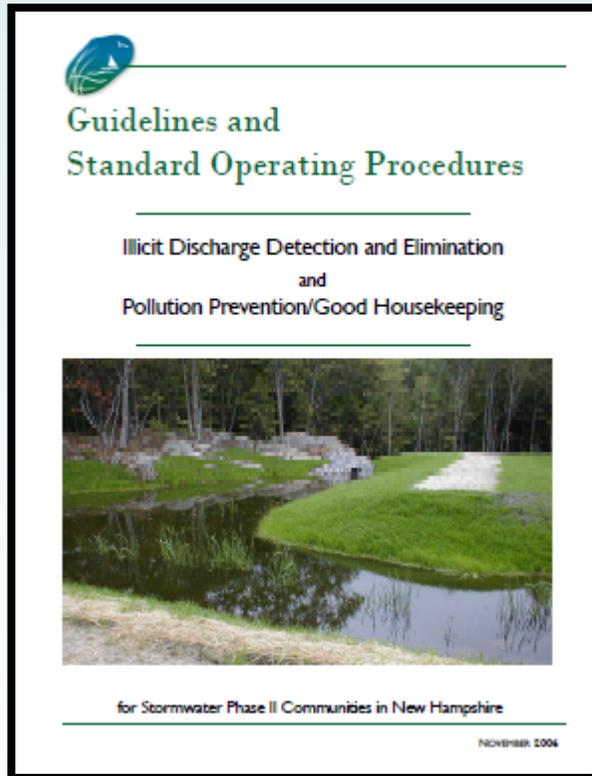


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# 6. Pollution Prevention/good Housekeeping



  
**Guidelines and  
Standard Operating Procedures**

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**Illicit Discharge Detection and Elimination  
and  
Pollution Prevention/Good Housekeeping**

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for Stormwater Phase II Communities in New Hampshire

NOVEMBER 2004



# Providing Assistance



# TMDLs and Impaired Waters

- More monitoring
- More planning
- Specific actions
- Best Management Practices



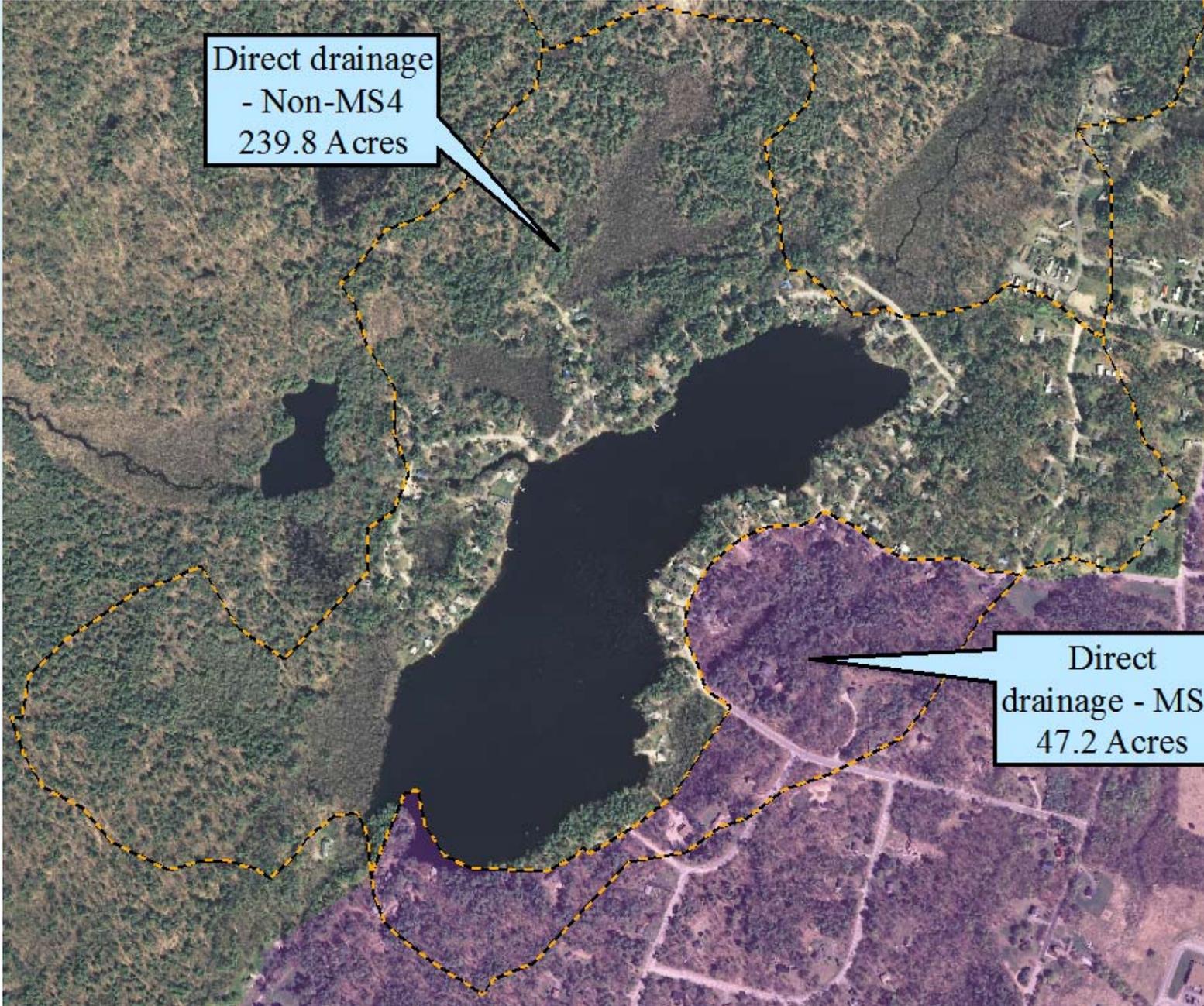
# Questions?



*Baboosic Lake –Baboosic Lake Association*

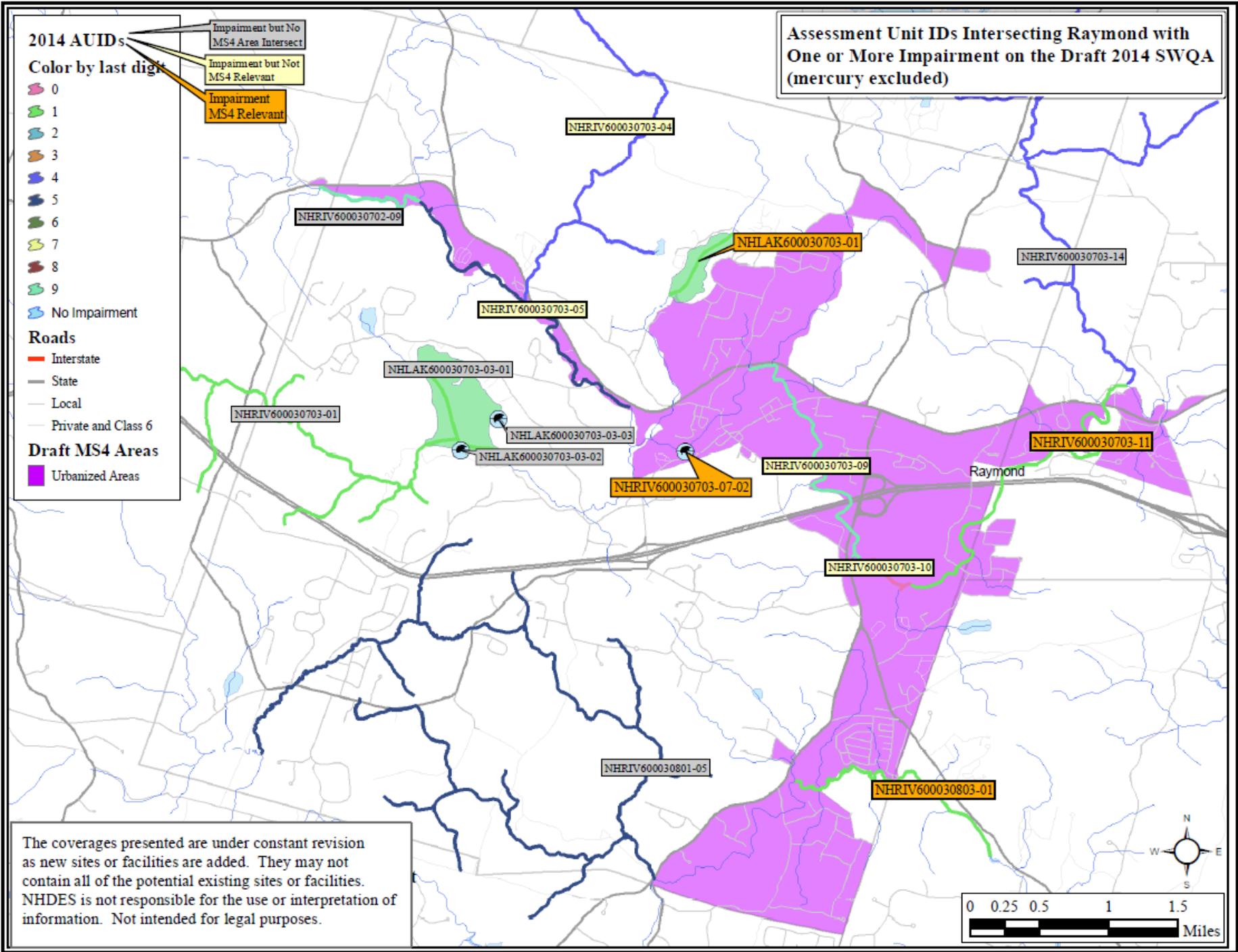


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Direct drainage  
- Non-MS4  
239.8 Acres

Direct  
drainage - MS  
47.2 Acres



# Stormwater Coalitions - What

- Projects
- Grants
- Trainings/conferences
- Roundtables
- Legislation
- Legal Actions
- Outside Partners

