





Connecticut Department of
Energy and Environmental Protection









CT Stormwater Program

Rain Happens!


October 2014
Christopher Stone
DEEP Stormwater Section




Connecticut Department of Energy and Environmental Protection

CT STORMWATER PROGRAM


Stormwater Issues in Connecticut




Impervious cover (urban areas)




Known for runoff pollution



Long Island Sound





Impaired Waters



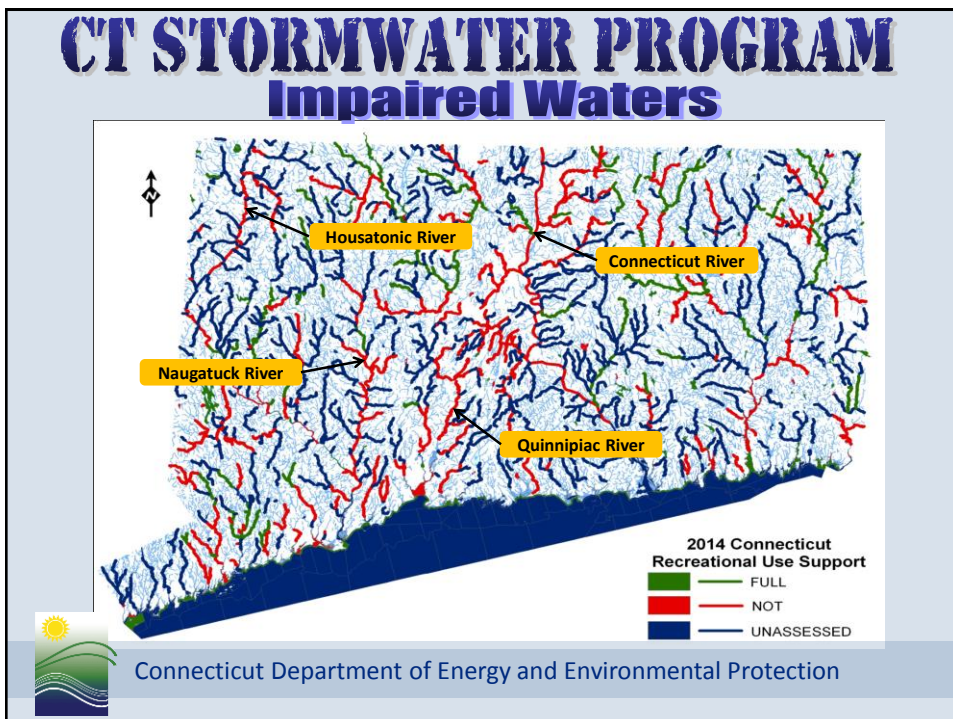
Phosphorus/Nitrogen



Bacteria

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Update MS4 Permit



2000 Census



130 Towns in Urban Areas



113 Towns in permit



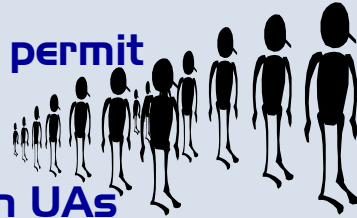
2010 Census



138 Towns in UAs



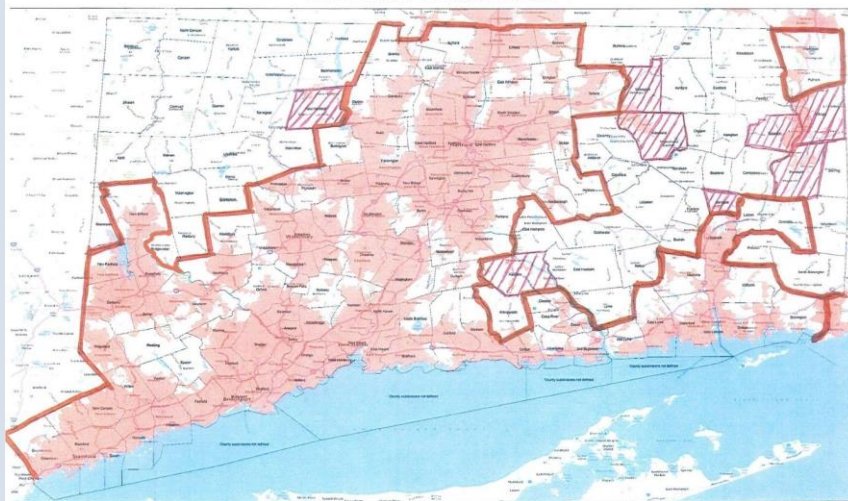
??? MS4s in permit



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Connecticut 2010 Urbanized Area



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Small MS4 Designation



Current Permit



Only covers munis



No institutions



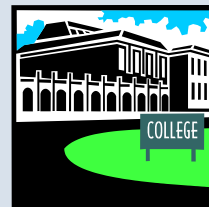
Proposed Permit



**UA munis & public institutions
– Tier I**



Non-UA towns – Tier 2



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Why Two Tiers?



Impaired Waters



Many towns have little or no UA



More economical than TMDL



Helps address HQ waters, too



Regulatory Consistency



Levels the playing field



Addresses inconsistencies in regs









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Current MS4 Requirements



Six Minimum Control Measures:

- 1  Public education and outreach
- 2  Public participation
- 3  Illicit discharge detect/eliminate
- 4  Construction site runoff control
- 5  Post-construction SW mgmt
- 6  Pollution prev./good housekeeping







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Proposed Tier 1 Requirements



Permit Changes (much more detail)

-  Impaired waters
 - nutrients/bacteria/mercury
 - measures in each category
-  Illicit discharge detect/eliminate
 - In-depth methodology
-  Post-construction SW mgmt
 - Runoff performance standards
-  Modified sampling program



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Post-Construction Controls



Performance Standards



Redeveloped sites >40% imperv.

- Retain 1/2 WQV & treat full WQV
- If unable, retain & treat to WQV



All Other development



- new dev, redev <40%, HQ, 303(d)
- design to retain WQV
- If unable, retain & treat to WQV



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Proposed Tier 2 Requirements



Fewer Requirements than Tier I



Mostly administrative

- Develop legal authorities



No mapping or IDDE tracking



Update construction regs



Include LID & retention req't



Basic Pollut. Prev./Good Hskpg



No monitoring program



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