

# Sustainable Jersey Model Stormwater Ordinance

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# Participating Communities



- Program start: February 2009
- 428 (76%) NJ municipalities participating
- 87% of NJ's population lives in these communities
- 176 municipalities certified:
  - 148 towns at bronze level
  - 28 towns at silver level



# Municipal Program Metrics

428	Registered Municipalities (75% of State)
28	Silver Certified Municipalities
148	Bronze Certified Municipalities
31%	Communities Certified in New Jersey
7,000+	Actions completed (since 2009)
22 & 10	Municipal Task Forces + Schools Task Forces
398+	Trainings and outreach events completed around the State
60 <sub>(AVG)</sub>	People attending each event
5,000 <sub>(AVG)</sub>	Web page visits per month
35,000 <sub>(AVG)</sub>	Facebook page views per month
4,400+	Sustainable Jersey Mailing List Recipients



# Model Stormwater Ordinance Update

- Why was the ordinance updated?
  - To reflect advances in stormwater management since 2004
- Who worked on the updates?
  - NRDC facilitated a workgroup of environmental and watershed advocates, engineers, academics, planners
- Technical Provisions
- Next Step for Conservation Commissions & Planners



# Model Stormwater Ordinance Updates

The three most significant revisions:

1. Applicability of the ordinance
  2. Stormwater retention requirement
  3. Technical infeasibility provision
- *Note new ordinance would be preempted by Pinelands stormwater ordinance*



# Model Stormwater Ordinance Updates

## Applicability of the ordinance

- What is “development”?
  - Now includes land disturbing activities
- What is “major development”?
  - Now includes redevelopment
  - Size threshold lowered
- Option of including “minor development”
  - For projects under the “major” size threshold





# Model Stormwater Ordinance Updates

## Stormwater retention requirement

- Major: Retain 1.25-inch, 2-hour rainfall event on-site using green stormwater infrastructure(GSI)
- Minor: For each 250 sq. ft. of impervious surface, retain 450 gallons of runoff on-site using GSI
- Relationship to existing recharge, quantity, and quality requirements



# Model Stormwater Ordinance Updates

## Technical infeasibility provision

- Alternative compliance: treat 1.5x the volume not recharged or retained on-site
- What conditions could lead to infeasibility?
  - Dense development conditions
  - High industrial pollutant loadings in runoff
  - Adverse hydraulic impacts to water table





# Model Stormwater Ordinance Updates

But wait, there's more...

- Relationship to zoning approvals and building/construction permits
- Groundwater recharge volume calculation
- Neighborhood and regional scale practices
- Multiple drainage areas
- Maintenance of stormwater practices



# Model Stormwater Ordinance Updates

## One more thing to keep in mind:

- NJDEP is in the process of revising the statewide structural standards in their BMP manual
- NJDEP created new CSO permits & updated the Long Term Control Plan requirements
- Possible impact on the model ordinance?
  - *Modifications to the Sustainable Jersey ordinance for Highlands planning and preservation areas*
  - *Pinelands ordinance preempts.*
- Model will be posted on website.



# Thank you!



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# Thank You



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