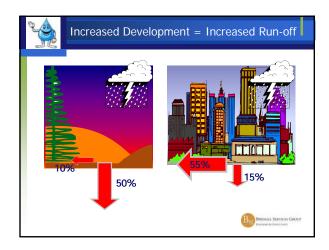
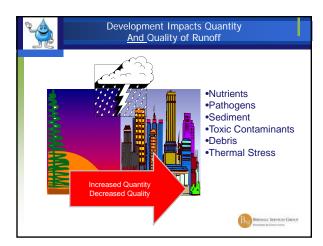


Stormwater Permitting History Phase I Rules –1990; regulated stormwater discharges from certain industrial facilities and medium-large MS4s. February 2, 2004 – NJDEP published NJPDES amendments in response to EPA's Phase II Rules March 2004 – NJ established the Municipal Stormwater Regulation Program February 2009 – Modifications to the Tier A Municipal Stormwater Permit

	Today's focus has changed
*	From: Point Source Pollution
*	To: Nonpoint Source Pollution
*	Why:
	 USEPA estimates that at least 60% of our current surface water quality problems are a result of Nonpoint Source Pollution
	By Restaus Services Genta P









Statewide Basic Requirements

- Post Construction Stormwater Management in New Development and Redevelopment
- 2. Local Public Education
- 3. Improper Disposal of Waste
- 4. Solids and Floatable Control
- 5. Maintenance Yard Operations
- 6. Employee Training

All SBRs have been addressed in North Plainfield's SPPP



Stormwater Permit Renewal

- Revisions effective March 1, 2009
- Annual Reports are due May 2, 2009 annually
 - Electronic Submittal
- Updates to SPPP were required to be completed by June 1, 2009.





New Development & Redevelopment

"Major Development"

 Projects that disturb 1 acre or more, including projects less than 1 acre that are part of a larger common plan of development

or

 Projects that disturb less than one acre of land, but increase impervious surface by one-quarter (1/4) acre or more





Design and Performance Standards N.J.A.C. 7:8-5

- ❖ Nonstructural Stormwater Management Strategies, 5.3
 - Mandatory nonstructural categories of stormwater management that must be used to the maximum extent practicable:
- ❖ Groundwater Recharge, 5.4(a)2
 - Maintain 100% of the average annual pre-construction groundwater recharge volume; or
 - Infiltrate the increase of stormwater volume from pre- to postconstruction for the 2 Year Storm
- ❖ Stormwater Quantity, 5.4(a)3
 - Maintain stormwater peak flows





Design and Performance Standards N.J.A.C. 7:8-5

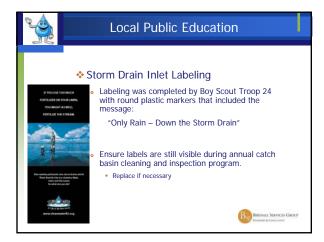
- Stormwater Quality, 5.5
 - Reduce the post-construction TSS by 80%.
 - Reduce, to the maximum extent feasible, the post-construction nutrient load anticipated from the developed site.
 - Preserve and maintain 300-foot "special resource protection areas" along waters designated at "Category One" and along perennial or intermittent streams that drain into or upstream (same HUC14) of the Category One waters.
- ❖ Stormwater Maintenance Plan, 5.8
 - Long term maintenance of BMPs Preventative and corrective maintenance shall be performed to maintain the function of the stormwater management measure





Local Public Education

- New Points System
 - Must complete activities totaling 10 points annually
 - NJDEP approved activities listed in Attachment E of Permit
 - Completing previous requirements (brochure distribution and annual events) = 5 Points
 - Additional Points:
 - Information and stormwater coloring books are given away at events and at municipal buildings (2 points)
 - Elected official training at Council meeting (3 points)
 - Potential Letter from the Mayor to be distributed to all residents and business highlighting the requirements and environmental benefits of the Pet Waste, Litter, Improper Disposal of Waste, Wildlife Feeding, Yard Waste, Illicit Connection, Refuse Container and Private Storm Drain Inlet Retrofitting Ordinances (5 points)









Existing Stormwater Ordinances

- Pet Waste
 - Must distribute information on the Pet Waste Ordinance and benefits of proper disposal with pet licenses
- Litter
- Improper Waste Disposal
- Wildlife Feeding
- Yard Waste
 - Both collection schedule and containerized yard waste ordinance adopted.
 - 7-day time restriction was removed from permit
- Illicit Connections





New Stormwater Ordinances

- ❖ Refuse Container/Dumpster Ordinance
 - Must be adopted by Sept. 1, 2010
 - Requires dumpsters and other refuse containers that are outdoors/exposed to stormwater to be covered at all times
 - Excludes permitted temporary demolition containers, containers at facilities with a NJPDES permit, litter receptacles, individual homeowner trash and containers that hold large bulky items (e.g., furniture, bound carpet and padding) only.





New Stormwater Ordinances

- Private Storm Drain Inlet Retrofitting Ordinance
 - Must be adopted by Sept. 1, 2010
 - Requires retrofitting of existing storm drain inlets to meet the standard in Attachment C of permit during alterations, repaving, repairing and resurfacing on properties not owned/operated by municipality
 - Excludes pothole repairs and individual single family homes.





Solids and Floatable Control

- Monthly street sweeping of applicable streets and record waste totals & distance swept
 - North Plainfield has designated ALL streets to be swept
- Annual inspection and cleaning of all stormwater facilities including all catch basins and record waste totals
- · Retrofit storm drain inlets as required
- Road Erosion Control Program was removed from permit and consequently removed from SPPP







Maintenance Yard Operations

- Employee Training and Monthly Inspections
 - Vehicle/Equipment Fueling SOP
 - Vehicle Maintenance SOP
 - Good Housekeeping SOP
 - Source Material Management (to eliminate/reduce discharges)
 - De-icing Material Storage
 - Vehicle Washing Practices
 - Discharges of Water from Secondary Containment
 - Spill Response Procedures





More information

PMK Group created a training video* endorsed by the NJDEP that can be accessed through the NJ Municipal Excess Liability Joint Insurance Fund website: www.njmel.org/stormwater.html



*Note: Does not include 2009 modifications to the Permit



