

TRAINING & REFRESHER ON 2025 NYSDEC MS4 GENERAL PERMIT

G.P.-0-24-001

6 NOVEMBER 2025

DAVID FRITTS, CPESC, CESSWI
JEREMY VALENTINE
KELLY MORRIS, AICP



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ACRONYM DEFINITIONS

- SWPPP – Stormwater Pollution Prevention Plan
- SPDES – State Pollutant Discharge Elimination System
- EDC – Effective Date of Coverage
- MCM – Minimum Control Measure
- MS4 – Municipal Separate Storm Sewer System
- ECL – Environmental Conservation Law
- EDP – Effective Date of Permit
- POC – Pollutant of Concern
- TMDL – Total Maximum Daily Load Watershed
- NOI – Notice of Intent
- NOT – Notice of Termination
- BMP – Best Management Practice
- SMP – Stormwater Management Practice

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Municipal Separate Storm Sewer Systems (MS4)

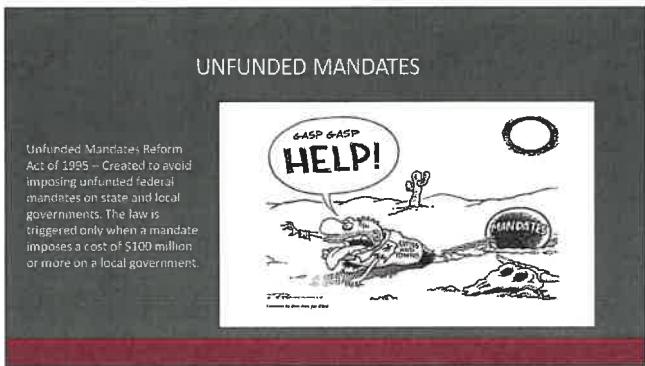
DEFINITION

- Municipal Separate Storm Sewer Systems (MS4)
 - Governmental unit that:
 - Owned by state, city, town, etc. that discharge to off-site
 - Disposed or utilized to collect/carry stormwater
 - Generate separate stormwater from sewer system, treatment plants, etc.

OVERVIEW

- 1990 reauthorization of 1972 Clean Water Act (CWA)
 - Required Medium & Large Cities to obtain SPDES (State Pollutant Discharge Elimination System) permits (Phase 1)
 - 1990, small cities and towns were encouraged to do the same (Phase 2)
 - For including untreated stormwater discharges
 - Reduce quantity of pollutants, communicate, and transport
 - Hold public parties responsible for water pollution

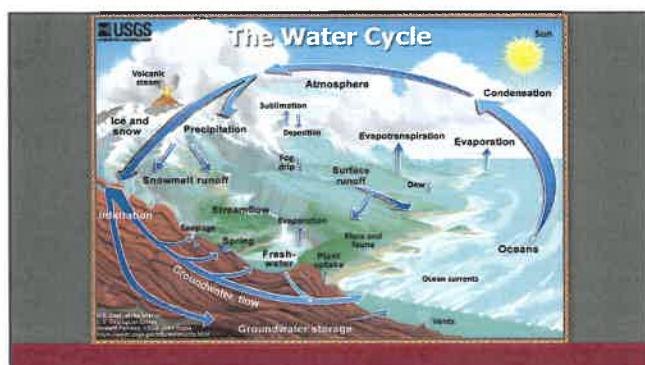
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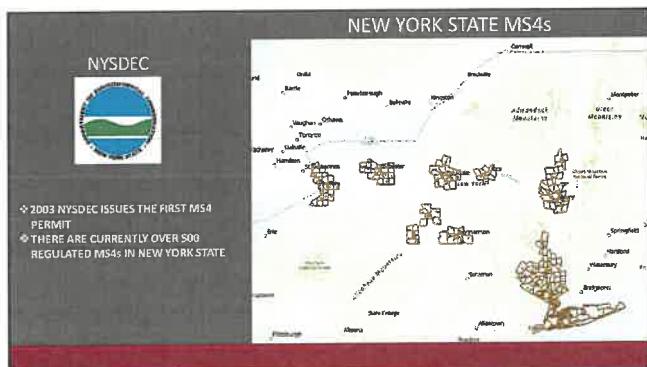
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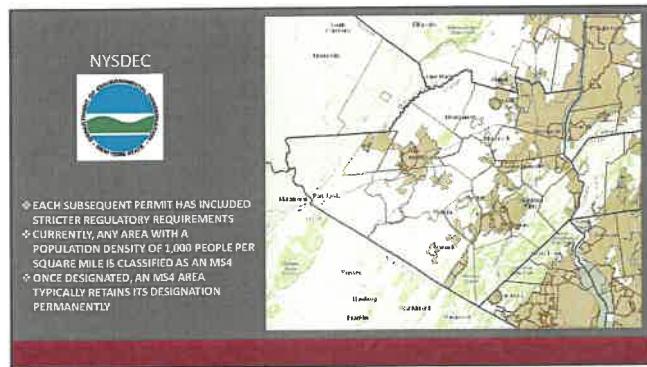
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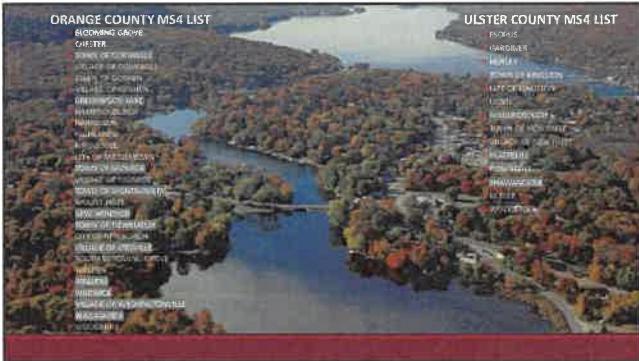
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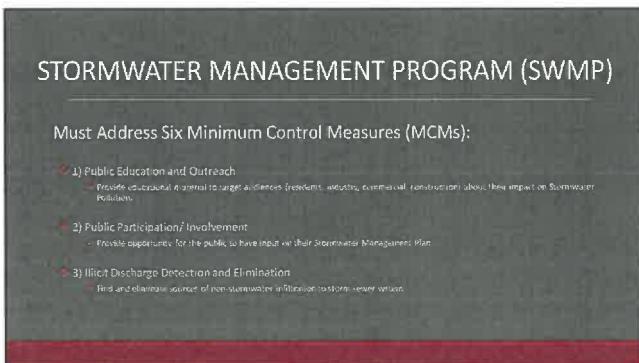
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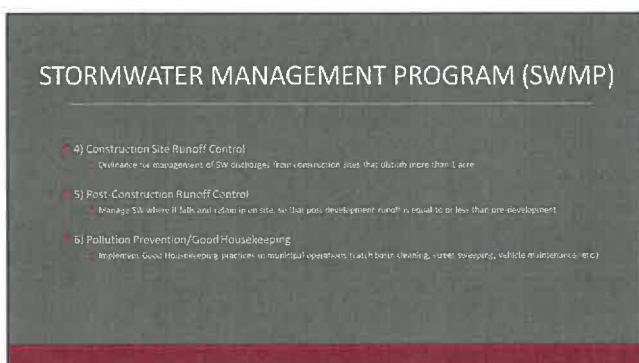
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12



13

① annual req.



14

② 2 yr. plan.



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③ 3 yr. plan.

- mapping & report
 - GIS - r/w - see MATE, Kelly

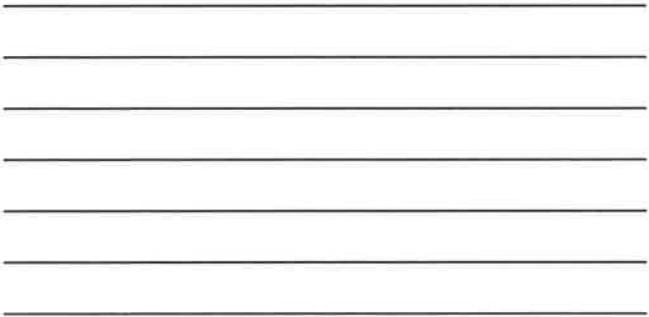
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3-YEAR REQUIREMENTS

PUBLIC EDUCATION & OUTREACH PROGRAM

MCM 1

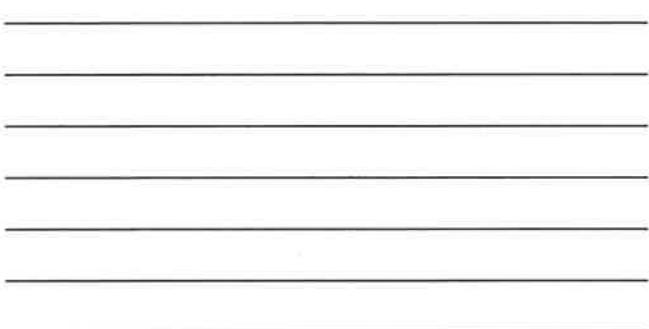
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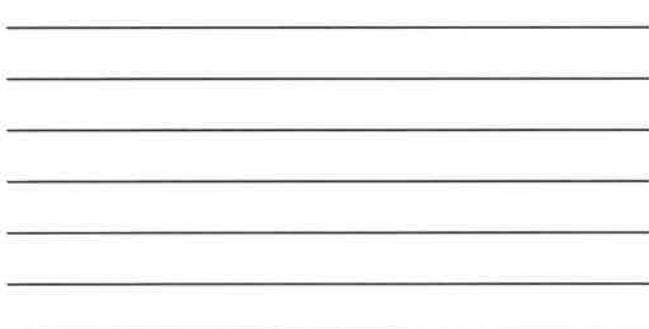
3-YEAR REQUIREMENTS

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A black and white photograph of a white municipal service truck. The truck is equipped with a large, cylindrical brush or roller attached to its front grille. It is driving on a paved road, kicking up some dust. The background is slightly blurred, suggesting motion.

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4-YEAR REQUIREMENTS



Interim Progress Certifications for the period of January 3rd – June 30th were submitted by October 1st 2023.

Annual reports due April 1st annually.

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5-YEAR REQUIREMENTS



Phase II additional mapping requirements including MS4 infrastructure, which also includes:

- Conveyance systems, closed or open drainage
- Direction of flow
- Stormwater structures (catch basins, manholes, drop inlets, etc.)
- Number of connections to and from structures
- Privately owned stormwater facilities

Records required by MS4 permit must be kept for 5 years.

(SWMP Evaluation) SWMP plan needs to be evaluated by the MS4 for compliance, effectiveness and deficiencies.

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5-YEAR REQUIREMENTS

PUBLIC EDUCATION & OUTREACH PROGRAM
MCM 1



Once every five (5) years, the MS4 Operator must identify and document in the SWMP Plan:

• Prescriptive methods(s) shall be used for the distribution of education messages.

• Frequency of each message.

• Review and update the focus areas, target audiences, education, and outreach topics.

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5-YEAR REQUIREMENTS

ILICIT DISCHARGE & ELIMINATION
MCM 3

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5-YEAR REQUIREMENTS

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5-YEAR REQUIREMENTS

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- Dpw- Garritt mth
reports

MAPPING REQUIREMENTS

STANDARD FOR ALL WATERBODIES EXCEPT:

IMPAIRED WATERBODIES

- MONTAGUE BROOK AND TERRITORIES (WATER & WATERSHED)
- ORANGE LAKE (Newburgh)
- GREENWOOD LAKE (Greenwood Lake & Warwick)

TMDL WATERBODIES

GREENWOOD LAKE AND WATERSHED

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MAPPING REQUIREMENTS

6 month req. → 7/3/24

- MS4 OUTFALLS AND ADA MS4 OUTFALLS
- INTERCONNECTIONS
- PRELIMINARY STORMWATER BOUNDARIES
- BASEMAP
- STREETS HAVE ADDITIONAL MAPPING:
 - CONVENIENCE SYSTEMS
 - OLIVER CROSSINGS
 - STORMWATER STRUCTURES

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MAPPING REQUIREMENTS 3 YEAR req. → 1/3/27

- PUBLICLY OWNED-OPERATED POST CONSTRUCTION SMPS
- MUNICIPAL FACILITIES
- MONITORING LOCATIONS
- FOCUS AREAS
- IMPAIRED HAVE ADDITIONAL MAPPING:
 - SEWERSHEDS OF MS4 AND ADA MS4 OUTFALLS
 - UPDATE OUTFALL INFO WITH:
 - i. RETAIL AND WHOLESALE NURSERIES
 - ii. COMMERCIAL LAWN CARE FACILITIES
 - iii. GOLF COURSES
 - iv. COMMERCIAL OR INDUSTRIAL YARD WASTE STORAGE AREAS
 - TYPE AND OWNERSHIP OF POST CONSTRUCTION SMPS
- TMDL HAS ADDITIONAL MAPPING:
 - AREAS WITH POTENTIAL TO CONTRIBUTE PHOSPHORUS TO TMDL WATERBODY:
 - i. RETAIL AND WHOLESALE NURSERIES
 - ii. COMMERCIAL LAWN CARE FACILITIES
 - iii. GOLF COURSES
 - iv. COMMERCIAL OR INDUSTRIAL YARD WASTE STORAGE AREAS

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** look at interns for
Summer Projects
m/sy*

An aerial photograph of a residential neighborhood. A thick red line is drawn across the image, starting from the top center and extending downwards, highlighting a specific street or area for mapping. The area is densely populated with houses, trees, and some commercial buildings along the edges.

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CONSTRUCTION SITE STORMWATER RUNOFF CONTROL



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EROSION AND SEDIMENT CONTROL



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EROSION AND SEDIMENT CONTROL

SEDIMENT TRAP

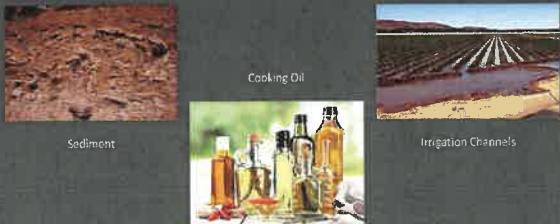


OVERWHELMED SILT FENCE



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ARE THESE ILLICIT DISCHARGES?



34

ARE THESE ILLICIT DISCHARGES?



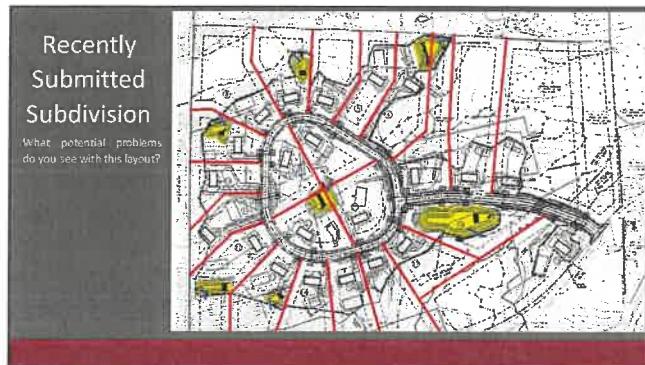
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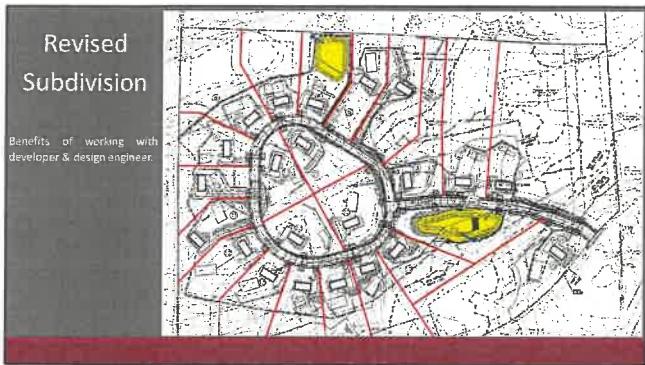
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Hop Pond
mount.

QUESTIONS



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THANK YOU!

Dave Fritts dfritts@mhepc.com
o: 570-296-2765
c: 815-484-0076

Jeremy Valentine jvalentine@mhepc.com
o: 570-296-2765

Jeremy Valentine jvalentine@mhepc.com
o: 570-296-2765
c: 845-264-0661

Kelly Morris kmorris@mhepc.com
845-551-8574
o: 845-567-3100

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