

WQMP New Rule Overview

Session 2 – December 6, 2016

1:00 PM – 3:00 PM

- Introduction (Colleen Kokas)
- Wastewater Management Plans (Barbara Greenhalgh-Weidman)
- Site Specific Amendments (Alan Miller)
- Continuing Planning Process (Jennifer Feltis-Cortese)
- Questions & Answers Session



WQMP Rule Overview



Rule Adoption

- Effective November 7, 2016
- Rule Proposal, Adoption Document, Final Rule (entire text with changes) posted on web
- nj.gov/dep/wrm/wqmp/guidance



Web Updates

- Our Team
- Application Process
- Facility & Flow Data
- Urbanized Municipalities
- Workshop Materials



Listserv

- A source for public notification of WQMP amendments
- <http://www.nj.gov/dep/wqmp/subscribe.html>



Rule Overview

- Wastewater Management Plans
- Site Specific Amendments
- Continuing Planning Process
- Q&A



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Next Presenter:

Barbara Greenhalgh-Weidman, Office WRM
Coordination

Topic: Wastewater Management Plans



Wastewater Management Plans



Wastewater Management Plans

- Staffing Updates
 - More WMP review staff
 - <http://www.nj.gov/dep/wqmp/docs/wmp-assignments.pdf>
 - Responsiveness
 - Assistance



What's changed?

- Flexibility
 - Templates
 - Not mandatory to use
 - Optional templates being developed
 - Complete WMP document not required to submit
 - By Component
 - By Municipality



What's changed?

- Components
 - Wastewater Management Plan Text
 - Wastewater Treatment Capacity Analysis
 - Existing flow, buildout, capacity analysis
 - Nitrate Dilution Analysis
 - Strategies to Address the Potential Capacity Deficiencies
 - Mapping



What's changed?

Components (Maps) continued

- WMP Area
- Selected Environmentally Sensitive Features
- Wastewater Service Area
- Zoning
- Optional Other



What's changed?

- E-Submittal
 - DEP Regulatory Service Portal
 - Under development
 - E-mail until portal is operational
 - WQMPAPPLICATIONS@dep.nj.gov



What's changed?

- No longer required
 - Water Supply Analysis
 - Except for 281 parcels in deficit HUCs the Highlands Region
 - Stormwater ordinances
 - Steep Slope ordinances



What's changed?

- Septic Management Plan requirements
 - Inventory
 - What are you doing now?
 - What will you do to enhance what is already being done?



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Next Presenter:

Alan Miller, Office WRM Coordination

Topic: Site Specific Amendments



Site Specific Amendments



Types

- Specific Project Needed for Amendments
- Two types of amendment categories
 - Large (100 acres+ **or** = or > 20,000 gpd)
 - Small (<100 acres **and** < 20,000 gpd)
- For large project amendments, the entity shall initiate a public notification process to alert property owners who will experience a change in their wastewater service area designation



Details

- Request for project consistency to local and/or County Zoning and Master Plan
- 90 Day DEP review process for additional info
- No WMP necessary for SSA amendment
- No review for steep slopes, stormwater management plans, riparian analysis for non-Category 1 waterways, water supply



Details (cont.)

- If T&E present – Habitat Suitability Determination and/or Impact Assessment
- Revisions – corrections; Highlands RMP map; Pinelands map
- Urbanized Municipalities



T & E/ 7:15-4.6 & 4.7

- PROCESS



PA1
Growth
Infill

↓ Yes

Habitat critical to
local population or
ESA Area

↓ Yes

HSD, Other
Data

Not critical habitat

Determined to be critical
24

↓ Yes

ADD

↓ Yes

HIA

PA1
Growth
Infill

↓ Yes

Habitat critical to
local population or
ESA Area

↓ Yes

HSD, Other
Data

Not critical habitat

Determined to be critical
25

↓ Yes

ADD

↓ Yes

HIA

PA1
Growth
Infill

↓ Yes

Habitat critical to
local population or
ESA Area

↓ Yes

HSD, Other
Data

Not critical habitat

Determined to be critical
26

↓ Yes

ADD

↓ Yes

HIA

Outside PA1, Growth Area,
infill or not
Endorsed Plan

Yes

HSD

Yes

Habitat Not Suitable,
conditions have changed,
GIS was inaccurate

No

HIA

Yes

ADD

CAFRA
Fringe Planning Area
Rural Planning Area
Environmentally Sensitive
Planning Area

Yes
↓

Public Health Safety
Infill
Create linear boundary

No
→

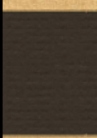
Do Not ADD

↓

Yes
↙

ADD

28
Planning Area
Change needed in add
To be added



HIA for all non CAFRA
areas



Avoids, minimizes disturbance
To habitat



ADD

29
Minimize as practical, mitigate for
no-net loss of habitat value
including local population

More Details

- Consistency Determinations no longer done by OWRMC
- Infill definition
- No newspaper requirement, OWRMC will post on web
- E-Submittal



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Next Presenter:

Jennifer Feltis-Cortese, Office WRM Coordination

Topic: Continuing Planning Process



Continuing Planning Process Overview



Legal Authority

- “Continuing planning process” required under state and federal statutes and regulations:
 - New Jersey Water Quality Planning Act, N.J.S.A. 58:11A 7(a)
 - Federal Clean Water Act, Section 303(e)(1)
 - Federal Water Quality Planning and Management Regulations, 40 CFR 130.5(b)



Federal CPP requirements

Nine Minimum Components:

- The process for developing effluent limitations and schedules of compliance.
- The process for incorporating elements of any applicable areawide waste treatment plans and basin plans.
- **The process for developing total maximum daily loads (TMDLs) and individual water quality based effluent limitations for pollutants.**
- **The process for updating and maintaining Water Quality Management (WQM) plans, including schedules for revision.**
- **The process for assuring adequate authority for intergovernmental cooperation in the implementation of the State WQM program.**



Federal CPP requirements

Nine Minimum Components (cont'd):

- The process for establishing and assuring adequate implementation of new or revised water quality standards, including schedules of compliance.
- The process for assuring adequate controls over the disposition of all residual waste from any water treatment processing.
- The process for developing an inventory and ranking, in order of priority of needs for construction of waste treatment works.
- The process for determining the priority of permit issuance.



New Jersey CPP Requirements

- **Integrate and unify the statewide and areawide water quality management planning processes;**
- Conduct a statewide assessment of water quality and establish water quality goals and water quality standards for the waters of the State;
- Develop a statewide implementation strategy to achieve the water quality standards, which shall include, but not be limited to:
 - Effluent limitations and schedules of compliance;
 - Total Maximum Daily Loads;
 - **Areawide waste management plans;**
 - Inventory and ranking of needs, in order of priority, for the construction of municipal waste treatment works;
 - Methods for controlling all residual wastes from any water treatment processing.



Purpose of 2015 CPP

- Satisfies state and federal requirements for continuing planning process
- Replaces and updates prior versions, including 1985 statewide water quality management program plan (SWQMP)
- “Living” document that provides easily accessible planning tools
- Explains iterative, comprehensive water resources management process that integrates and unifies:
 - Water quality management planning (WQM);
 - Monitoring, standards, and assessment; and
 - Implementation of permitting and other regulatory and non-regulatory strategies to maintain, improve, and protect water quality throughout the State.



Table of Contents

- Introduction
- Establish Water Quality Standards and Goals
- Assess Water Quality and Identify Priority Problems
- Water Quality Management Planning
- Identify and Control Sources and Causes of Water Quality Impairment
- Intergovernmental Coordination
- Conducting an Iterative Process
- Appendix



Table of Contents (cont'd)

- Appendix A: Nonpoint Source Pollution Requirements, Strategies and Tools
- Appendix B: Regulatory Stormwater Controls
- Appendix C: Other Water Quality Protection Tools
- Appendix D: Funding Resources
- Appendix E: Wastewater Treatment Capacity Analysis Strategies and Tools– *Under Development*
- Appendix F: Nitrate Dilution Analysis Strategies and Tools – *Under Development*
- Appendix G: Environmentally Sensitive Areas – *Under Development*
- Appendix H: Other WQMP/WMP Tools– *Under Development*
- Appendix I: CPP Crosswalk to Required Elements under CWA and WQPA – *Under Development*



Appendix E: Wastewater Treatment Capacity Analysis

- Build-out
- Capacity Analysis
- Strategies for Addressing Wastewater Capacity Deficits



Appendix F: Nitrate Dilution Analysis

- Build-out
- Capacity Analysis
- Strategies for addressing Nitrate Dilution Carrying-Capacity Deficits
- Septic Management Plans



Appendix G: Environmentally Sensitive Areas

- Steep Slope Ordinance
- Riparian Buffer Ordinance
- Habitat Impact Assessment



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Questions & Answers Session

