

NEWEA
Charrette
January 24,
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MassDEP



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DEP Roles & Responsibilities

Protect/enhance quality and value of Commonwealth's water resources:

- Establish surface water quality standards and administer a surface water discharge permitting program to control water pollution by regulating point sources that discharge pollutants to surface waters.
- Regulate discharges to groundwater to ensure they are protected as a source of potable water, and surface waters are protected for their existing and designated uses.
- In partnership with BOHs, regulate proper siting, construction, upgrade, and maintenance of on-site sewage disposal systems, including review/approval Alternative (IA) technologies.

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DEP Roles & Responsibilities

Oversee Evaluation/Approval of I/A Septic Technology to:

- Provide an orderly system to facilitate review of proposed alternative systems
- Encourage development of alternative systems with performance superior to conventional systems
- Ensure that alternative systems are approved with appropriate conditions to protect public health, safety, welfare and the environment and the homeowner



DEP Roles & Responsibilities

Support Efforts to Address Cape Water Quality Challenges:

- Provide technical assistance with wastewater planning efforts
- Review and approve CWMPs, TWMPs
- Technical Assistance and Permit Review for wastewater projects
- Facilitate Regional Collaboration
- Financial Assistance through SRF, Grants
- Development and Issuance of Watershed Permits

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DEP Roles & Responsibilities

Regulatory revision and development

- Revise Title 5 to expand the definition of the Nitrogen Sensitive Areas (NSA)
- Development of Watershed Permit Regulations

WATERSHED PERMIT

Schedule, Adaptive Management, Contingency Plan

Specifies the monitoring, inspection and O&M requirements

20 years with 5-year reviews

Incorporates requirements of approvals/permits for:

IA Approvals
Groundwater Discharge facilities
NPDES facilities

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Specifies requirements for Non-traditional treatments like:

Permeable Reactive Barriers
Oysters aquaculture
Wetlands restoration for N attenuation
Fertilizer reductions

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DEP Perspective

Responsible Management Entity

- Town, consortium of Towns, County, District or designee
- Administers the monitoring, inspection and O&M required by MassDEP
- Administers additional, more stringent requirements of town



DEP
Perspective

Possible RME Functions:

Administer O&M contracts

Hire operators

Formulate budgets

Maintain data collection or contract
data collection

Compile data and submit reports

Maintain compliance with all
applicable approvals

Implement adaptive management
plans

Secure and manage financing
mechanisms

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RME:

The format, administration and financing of RMEs would be determined by the towns or regional government entity

MassDEP believes a RME is an effective way to ensure proper operation of enhanced IA systems and to manage the various systems under a Watershed Permit

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Perspective

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Thank you!

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