

# Title 5 and MassDEP Updates

Claire Golden, MassDEP  
MEHA Education Seminar  
March 7, 2018

# Outline

- Title 5 Updates
  - Wastewater Regulatory Review
    - Title 5
    - Groundwater
  - Stakeholders Group
  - I/A approvals
- Who's Who in Wastewater at MassDEP
  - Program Changes in Boston
  - Regional Contacts
- MassDEP's Website



# Title 5 Updates

# Wastewater Regulatory Review

- EO562 required all Agencies to review regulations.
- In 2015 and early 2016 MassDEP conducted its review.
- Listening Sessions conducted and public comments received
- Some comments received for the Wastewater Program regulations went beyond the EO562 scope.
- Stakeholder Group convened in early 2017 to explore these comments.

# T5/GW Stakeholder Group Participants

- Health Agents
  - MEHA
  - MHOA
- Department of Public Health
- Conservation Commissions
- Engineers
- Home Builders
- Commercial Developers
- Seasonal Campgrounds
- Technology experts
- Water Suppliers

# T5/GW Stakeholder Comments

- Starter home zoning
- Uniform statewide code
- Holding tanks for peak flows – component sizing
- Utilization of unused capacity (GW)
- Reduction in gw separation for new construction with I/A
- Design flows for multi-residences
- Large reporting system category (7,500 – 30,000 gpd)
- GW permit threshold raised 10,000 gpd
- Designation of nitrogen sensitive areas
- Seasonal campground flows and thresholds
- Moldering toilets for remote backwoods areas
- Reuse of composting toilet leachate

# T5/GW Stakeholder Group Meetings

- Two meetings in 2017
  - Discussed each comment received
  - Determined data/information needed for each comment
  - Determined Starter Home and Home Rule Comment were outside of this group's scope
- Meeting on March 6<sup>th</sup>, 2018 to discuss:
  - Guidance language for component sizing and approval process to utilize unused capacity at wastewater treatment facility
  - Interest in the formation of Technical Workgroup to develop testing protocols on pathogen removal related to groundwater separation
  - Seeking an academic institute to conduct in depth analysis on multi residence flows

# T5/GW Stakeholder Group Meetings

- Subgroups to be formed for remaining Comments
  - Compost toilet leachate met in October 2017
    - Working with DEP, DAR and academic institution to analyze leachate
  - Seasonal Campgrounds and Moldering Toilets to meet on March 29<sup>th</sup>, 2018
- Subgroups and dates to be determined for
  - Large System Category/Groundwater Threshold
  - Nitrogen Sensitive Areas



# Contact for the T5/GW Stakeholders Group

Marybeth Chubb

[marybeth.chubb@state.ma.us](mailto:marybeth.chubb@state.ma.us)

617-556-1029

# I/A Approvals

<https://www.mass.gov/guides/title-5-innovativealternative-technology-approval-letters>

GUIDE

## Title 5 Innovative/Alternative Technology Approval Letters

Under Title 5, MassDEP must approve alternative septic systems for use in Massachusetts.



### IN THIS GUIDE

- Overview
- General Use
- General Use - Alternative Aggregate
- General Use - Alternative SAS, Patented Sand Filters and Chambers
- General Use - Secondary Treatment Units
- Piloting Use
- Provisional Use
- Remedial Use
- Remedial Use - Alternative SAS, Patented Sand Filters Only (for Chambers, see General Use)
- Remedial Use - Secondary Treatment Units
- Effluent Tee Filters
- Expired or Inactive Technology Permits

TELL US WHAT YOU THINK

# Remedial Use - Secondary Treatment Units

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## Standard Conditions for Secondary Treatment Units Approved for Remedial Use

- [Standard Conditions for Secondary Treatment Units Approved for Remedial Use](#)

These conditions apply only to the approvals listed below. Please be advised that if designed in accordance with these conditions, MassDEP approval is no longer required. Revised November 28, 2016 to remove the requirement to pressure-distribute the effluent after secondary treatment.

## AdvanTex Treatment Systems AX-15, AX-20, AX-100 and AX-RT by Orenco Systems, Inc.

- [AdvanTex Treatment System by Orenco Systems, Inc. Remedial Use Approval](#)
- [AX20 Treatment System Technology Inspection Checklist](#)
- [AX100 Treatment System Technology Inspection Checklist](#)
- [AX-RT Treatment System Technology Inspection Checklist](#)

## Amphidrome by F.R. Mahony & Associates, Inc.

- [Amphidrome by FR Mahony Remedial Use Approval](#)
- [Amphidrome Treatment System Single Family Unit Technology Inspection Checklist](#)

## Bioclere by Aquapoint.3 LLC

- [Bioclere by Aquapoint.3 LLC Remedial Use Approval](#)
- [Bioclere Units Technology Inspection Checklist](#)





# Who's Who in Wastewater at MassDEP

# Program Leadership – MassDEP Boston

**Lealdon Langley**  
**Director**  
**Wetlands and**  
**Wastewater**  
**Programs**

**Marybeth Chubb**  
**Acting Section Chief**  
**Groundwater, Reuse**  
**and Title 5**

**Susannah (Susy)**  
**King**  
**Section Chief**  
**NPDES**

# Program Leadership – Central Region

Wastewater Section Chief and Title 5 Contact

David Boyer

[david.boyer@state.ma.us](mailto:david.boyer@state.ma.us)

508-767-2823

# Program Leadership – Northeast Region

## Wastewater Section Chief

Kevin Brander

[kevin.brander@state.ma.us](mailto:kevin.brander@state.ma.us)

978-694-3236

## Title 5 Contacts

Claire Golden

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Wastewater Info Line

978-694-3215

# Program Leadership – Southeast Region

## Wastewater Section Chief

Jeff Gould

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508-946-2757

## Title 5 Contact

Brett Rowe

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## Wastewater Section Chief and Title 5 Contact (Cape/Islands)

Brian Dudley

[brian.dudley@state.ma.us](mailto:brian.dudley@state.ma.us)

508-946-2814



# Program Leadership – Western Region

Wastewater Section Chief and Title 5 Contact

Paul Nietupski

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508-767-2823



# MassDEP's Website

# Information

- MassDEP's website now under umbrella of the Commonwealth's website
- Standard formatting
- <http://mass.gov/dep>
- Search function
- Some old webpages/links

# Massachusetts Department of Environmental Protection (MASSDEP)

MassDEP is responsible for ensuring clean air and water, safe management and recycling of solid and hazardous wastes, timely cleanup of hazardous waste sites and spills, and the preservation of wetlands and coastal resources.

### Address

Main Office - 1 Winter Street, Boston, MA - Downtown Crossing on the MBTA

1 Winter Street, Boston, MA 02108

[directions](#)

### Online

Central Regional Office | MassDEP

Phone



TELL US WHAT YOU THINK

# Search Results

SEARCH 

## SEARCH RESULTS

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### [Septic Systems & Title 5 | Mass.gov](#) →

Septic Systems & **Title 5**. Many homes in Massachusetts have septic systems. There are specific regulations about the installation, use and maintenance of these systems that you need to know. Find out who to contact in MassDEP and what questions you may need to answer to take care of your **Title 5** system.

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### [Massachusetts law about Title 5 | Mass.gov](#) →

Jan 22, 2018 ... Best bet. Septic Systems and **Title 5**, Mass. Department of Environmental Protection Best source for all things **Title 5** from the people who regulate it. Includes FAQ, forms, guidance and policies, regulations, financial assistance information and more ...

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### [Title 5 FAQ | Mass.gov](#) →

Local Boards of Health are the primary regulatory authorities. However, MassDEP is involved in certain approvals, including many innovative/alternative technology approvals, shared systems, large systems and many variance requests. In addition, MassDEP is responsible for overseeing local implementation of **Title 5** and ...

TELL US WHAT YOU THINK

# Septic Systems & Title 5

Many homes in Massachusetts have septic systems. There are specific regulations about the installation, use and maintenance of these systems that you need to know.

Find out who to contact in MassDEP and what questions you may need to answer to take care of your Title 5 system.

OFFERED BY

Massachusetts Department of Environmental Protection

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The Official Website of the Executive Office of Energy and Environmental Affairs

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[EEA Home](#) > [Agencies](#) > [MassDEP](#) > [Water Resources](#) > [Wastewater & Septic](#) > [Surface Water Discharge Permitting \(NPDES\)](#)

## Surface Water Discharge Permitting (NPDES)

The National Pollutant Discharge Elimination System (NPDES) permit program is administered by the US EPA and MassDEP. The NPDES program controls water pollution by regulating point sources that discharge pollutants to surface waters.

- [State-Specific Discharge & Toxicity Reporting](#)
- [NPDES Authorization](#)
- [NPDES Regulations](#)
- [Policies & Guidance](#)
- [Surface Water Discharge \(NPDES\) General Permits](#)
- [Surface Water Discharge \(NPDES Individual\) Permits](#)
- [US EPA NPDES Resources](#)

### State-Specific Discharge & Toxicity Reporting

- [eDEP Online Filing](#)  
A secure site for submitting environmental permits, transmittals, certifications, and reports electronically to MassDEP.
- [Instruction Manual - eDEP/NPDES Forms](#)  2MB  4MB  
Detailed instructions for submitting NPDES monitoring reports via eDEP. Revised March 2014.
- [NPDES Surface Water Discharge Monthly Operation Report](#)   
MS Excel template for NPDES Discharge reporting. Revised February 2015.

 Water Resources



[A to Z Quick Links](#) ▶

[Water Resources Index](#) ▶

[Water Resources Contacts](#) ▶

### See Also

[The Clean Waters Act - Chapter 21 ss.26-53](#)

[Industrial Wastewater](#)





**Thank you!**