

ON-SITE REGULATION AMENDMENT PROCESS

This presentation is a summary of select proposed amendments to the onsite wastewater treatment and disposal regulations in the form they were in on May 5, 2011.

Presented to the Center for the Inland Bays STAC

Today's Agenda

- ⦿ Introduction
- ⦿ Proposed Changes
 - Licensing
 - Small Systems
 - Large Systems
 - Exhibits

Introduction

- ⦿ Welcome
- ⦿ Dave Schepens
 - Program Manager, Groundwater Discharges
- ⦿ Jack Hayes
 - Environ Scientist, Large Systems Branch

General Standards, Prohibitions and Provisions - Section 2.0

- Chesapeake Bay Tidal Waters Performance Standards
- Performance Standards for Large On-Site Systems and Spray Facilities
- All Innovative and Alternative systems having flows $\leq 2,500$ gpd must comply with Performance Standard Nitrogen level 3 (PSN3)
- All cesspools and seepage pits found during a Class H inspection will be considered unsatisfactory

Section 2 continued

- For all properties utilizing an OWTDS that are sold or otherwise transferred to other ownership, the owner or trustee shall have their tanks pumped out and system inspected prior to completion of the sale.
- For transfers of a new property, the certificate of completion fulfills the requirement
- If an inspection has occurred within the previous 36 months and the property owner can provide documentation of such pump out and inspection, then such documentation fulfills the requirement
- If the owner provides proof of a licensed operator or has an annual service contract with a certified service provider then the requirements of this section have been met.

Licensing - Section 3.0

- Class F definition revised
- Deleted all GB & GC sections
- Class C - applicant's require test
- Class D & E Licensing Requirements
 - Tiered approach
- Class F requirements/responsibilities
- Class H responsibilities
- Class I – 3 years of experience as B or C

> 2,500 gpd

SMALL SYSTEMS

Small Systems – Section 4.0

- No cesspools or seepage pits
- Innovative and Alternative Systems
 - Product Approval Process
 - Flow Equalization
- WAG
- Class H Inspection
- Operation & Maintenance (I/A)
- Transportation of Non-Hazardous Liquid Waste requirements added
- Variances changed to Waivers

≥ 2,500 gpd

LARGE SYSTEMS

Section 5.0

- Changed PGIA to HSR (Hydrogeological Suitability Review)
- Added SWAR (Surface Water Assessment Report)
- Incorporated spray regulations into on-site regulations
- Phasing of Large Systems
- Performance Standards
- Legal - “owner” changed to “responsible party” & Financial Report requirement

Section 5.0

- ⦿ Operating Requirements added
 - On-Site & Spray specific sections
- ⦿ Permitting
 - Permit Re-issuance
 - Compliance Monitor Report
 - Soils, Hydrogeology, Operations, Bio-solids & Conclusions
 - Permit Modification
 - Regional Permits
- ⦿ Distributed Treated Wastewater

Exhibits – Section 6.0

- U, V – WAG
- BB – Peat System Loading Rates
- CC, DD – Drip Loading Rates & Installation Methods
- FF – Lot Clearing/Site Disturbance Inspection Report
- GG – Crop Nutrient Uptake Websites
- HH – Cumulative Metal Loading Limits for Spray
- II - Monthly Average Daylight Hours for Thornthwaite Potential Evapotranspiration
- JJ - Climatological Normal Temperature (T_a) & Thornthwaite Potential Evapotranspiration

Exhibits continued

- KK - Climatological Normal Precipitation (P) & 5 Year Return Monthly Precipitation (P5)
- LL – Minimum Treatment Requirements for Large Systems
- MM – OWTDS Performance Standards
- NN – new Chesapeake Bay Tidal Waters 1,000 foot Enforcement Zone Map

Conclusion

- ① What are we missing?
- ① Questions
- ① Thank you for inviting us to your meeting