



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

DPH Environmental Engineering Program **February 3, 2010 Code Advisory Committee (CAC) Meeting**

Attendance & CAC Member Updates

- CADH
- CEHA: Risers on deep (i.e., 5 feet) pump chambers.
- COWRA: December 2009 letters to DPH & DEP Commissioners concerning Alternative Treatment Systems
- CT HBA
- DEP: Lean Project/Kaizen Event concerning repairs @ pre-existing/unpermitted sites. Proposed Changes to CT Water Quality Standards: New language to allow certain treated wastewater discharges to Class A or SA surface waters in order to address existing problem sites.
- Professional Engineers (CT Engineers in Private Practice, CSPE, CSCE)
- Soil Scientist

DPH Circular Letters

- EHS Circular Letter #2009-66 dated October 20, 2009. Subject: Installer License Verification. Previously distributed and posted on program website.
- EHS Circular Letter #2009-62 dated October 1, 2009. Subject: DPH Plan Reviews and Fees for Subsurface Sewage Disposal Systems. Previously distributed and posted on program website.

Leaching System Ratings

- January 4, 2010 DPH letter to Proprietary Leaching System Manufacturers and CT Certified Concrete Precasters soliciting comments by March 1, 2010 on leaching system ratings. Letter distributed with 1/6/10 R. Scully email (Re; 2/3/10 CAC Mtg.)

Pending Installer Application Changes

- Installer license reinstatements exceeding 10 years now require 4 sign-offs and successful completion of exam (Basically same as new licensure). System sign-offs: Draft application being finalized and will be distributed to CAC for feedback prior to website posting. Discussion points: Local health department system signoffs (Individual sign-offs & submissions, advance work notice, identification of problem installations).

Perc Rite Leaching/Distribution Systems

- Oakson, Inc. (Dan Ottenheimer) & American Manufacturing Company, Inc. (Tom Ashton) presented @ 9/10/09 CAC mtg. Current leaching system effective leaching area (ELA) rating system is not appropriate for this type of system. Technical Standards revisions would be needed to allow use in CT. Matt Pawlik's preliminary review comments (Periodic backwashing of pump filters to septic tank, BOD of 300 mg/l used for sizing).

Recycled Glass as Select Fill

- DPH has been requested to consider utilizing recycled glass as select fill in leaching system construction. Preliminary information submitted.



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New ASTM (C 1613-09) Specification for Precast Concrete Grease Interceptor Tanks

- CT Certified Concrete Precasters to be notified that ASTM has adopted this new specification, and feedback will be requested. Currently under review by DPH. Possible incorporation into future Technical Standards revisions.

Revised ASTM (C 1227-09) Specification for Precast Concrete Septic Tanks

- Currently under review by DPH. Revised standard requires six (6) inch minimum cover over septic tanks. Leakage testing protocol is different than protocol in new grease interceptor tank specification. Water tightness testing by vacuum testing references a 4-inch (100 mm) vacuum, whereas Technical Standards reference a 4-inch (50 mm) vacuum. Technical Standards to be changed to 100 mm.

Pending Technical Standards Revisions of Significant Interest

- Permit to Discharge permitted flows (GPD) for sites w/ limited or no naturally occurring soil: Potential Technical Standards revisions to MLSS criteria (Appendix A) to address repair sites with insufficient natural soil to provide more than 50% compliance w/ MLSS. Currently MLSS's depth to restrictive layer, per definition, only considers the depth of naturally occurring soil. Consideration is being given to allow surrounding/receiving soil including fill material to be included in the restrictive layer depth determination on repair sites that cannot provide more than 50% compliance with MLSS calculated based on depth of natural soil only. On such sites MLSS compliance can be increased to 50% maximum if it is demonstrated that surrounding/receiving soil including fill can adequately handle/disperse effluent.
- Building additions on sites w/ limited or no naturally occurring soil: The potential changes to the MLSS criteria noted in the above bulleted item could provide some flexibility for non-flow increasing building additions on filled sites, as it would affect the 50% minimum MLSS compliance cited in PHC Section 19-13-B100a (c)(2).

Citizen's Ethics Advisory Board/January 28, 2010 Opinion

P/RWS/CAC February 3, 2010 Mtg

