

December 11, 2025

*These red-line version of 8.5-8.9 will be left up for comment for 2 weeks, then made available again as part of the comprehensive document after all sections have been covered.*

Notable Additions/Changes to EPCBoH Regulations from Sections 8.5-8.9:

#### 8.5 Site and Soil Evaluation

- 8.5.D.
  - 8.5.D.2
    - Clarification of identification of limiting and restrictive layers including cementation class
    - Cementation soils requirement of cementation class and rupture resistance
- Table 5-1 Rupture Resistance
- 8.5.E. Evaluation and Markling of Soil Profile Test Pit Excavations or Percolation Holes
  - 8.5.E.1. Clarification of Hwy 24 corridor requirement for open profile pits
  - 8.5.E.2. The backfill requirements of profile pits for public safety concerns
- 8.5.F. Soils Report and Site Plan
  - 8.5.F.1.a.(1) explicit requirement that all soils reports submitted must have a P.E. stamp
- 8.5.G. Design Document
  - 8.5.G.3.d. moved to be included 8.5.G.3.g.
  - 8.5.G.3.f. inclusion of topography contours and slope
  - 8.5.G.3.g. inclusion of depth from grade versus elevation requirements to be provided for OWTS components
    - 8.5.G.3.g.1. Inclusion of the cross-section
- 8.5.I Qualifications for a Competent Technician
  - 8.5.I.2.a.(4). the need to identify consistence/cementation in the soils report
  - 8.5.I.2.a.(6). delineation between limiting and restrictive layers

#### 8.6 Wastewater Flow and Strength

- 8.6.A.
  - 8.6.A.2.
    - 8.6.A.2.i. inclusion of design parameters for rooms with more than 2 occupants (ex. “Bunk rooms”, STRs)
    - 8.6.A.2.j. ADU clarification and sizing
  - 8.6.A.3. Auxiliary Buildings
    - 8.6.A.3.c.(1) design flow requirements for Auxiliary Buildings with living space

- 8.6.A.4. Multi-Family and Commercial On-Site Wastewater Treatment Systems
  - 8.6.A.4.a.(3) inclusion of alternative data sources for flow calculation where standard flow data is not available in EPCBoH OWTS regulations.
- Table 6-2
  - Additions of multiple flow type calculations including waste strength considerations
  - Footnotes:
    - 3. Tiny Home sizing allowance shortened– as defined in 8.3.155
    - 4. Rentals to be designed for expected maximum occupancy in addition to standard flow
    - 5. non-domestic waste discharges not included
    - 6. “Luxury Resort” clarification
    - 7. Convenience store considerations for high strength waste and flows based on patronage and location considerations
    - 8. Coffee shop considerations for high strength waste and flows based on patronage and location and size
- Table 6-3
  - Addition of TL3ND
  - Footnotes:
    - 4. clarification of TL3ND requirements
    - 5. composite sampling requirement

## 8.7 Minimum distances between components of an On-site wastewater Treatment System and Physical Features

- 8.7.D.
  - 8.7.D.1. Setback reduction requirements for property lines
- Table 7-1
  - Footnotes:
    - 1. Potable water line reduction allowance and variance requirement
    - 2. Encasement for setback encroachment
    - 7. Ditch access easements from OWTS components
    - 8. Policy 6 consideration requirement
    - 9. Geothermal wells
    - 10. Utility easements
- Table 7-2 Minimum separation distance Requirements in Feet from Soil Treatment Area, Relative to Treatment Level Provided
  - Items 1-3 Table simplification
  - Item 4A addition of groundwater condition
  - Item 4B new addition
  - Footnotes:
    - 1. Considerations for existing wells
    - 3. Application of effluent to distribution media

- 4. Pressure dosing requirement for HLT
- 5. inclusion of wells considered

#### 8.8 Design Criteria – General

- 8.8.C.
  - 8.8.C.1. Explicit exclusion of spray foam
- 8.8.D.
  - 8.8.D.1. Riser diameter requirement
  - 8.8.D.4.b. Addition of riser interior gate requirement
- 8.8.K.
  - Explicit inclusion of EPCPH Floodplain/Floodway Guidelines
  - Designation and P.E. requirement for installation in floodplains and high-risk areas.

#### 8.9 Design Criteria – Components

- 8.9.A.
  - 8.9.A.2. Tank installation and bedding requirements
- 8.9.B.
  - 8.9.B.2.e. Grinder pump tank size consideration
  - 8.9.B.2.f. ATU allowances for septic tank sizes.
  - 8.9.B.5.j. Traffic rated tanks
- 8.9.D.
  - 8.9.D.1.d. SCH40 pipe requirements and required installation locations
  - 8.9.D.1.f. exclusion of cellular core piping from pressure systems
- 8.9.E.
  - Cleanout installation requirements
- 8.9.I.
  - 8.9.I.1.a. Pump curve requirement
  - 8.9.I.1.e. considerations and requirements in the allowance of grinder pumps
  - 8.9.I.7.e. control panel to be 36" above grade