

DEHNR-OSWS SUBSURFACE WASTEWATER SYSTEM DESIGN FLOW REDUCTION REVIEW TRANSMITTAL CHECK-LIST

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Done Applicable A. Application information

- Application has been submitted to LHD.
- Name, address, phone, Fax, E-Mail Numbers for owner, agent, consultant are attached.
- Project proposed is described, including whether new, repair, expansion, replacement, modification of existing, or combination.
- Facilities are described (existing and proposed) which are to be served by proposed system, including occupancy and projected use patterns.
- List provided of all wastewater sources and water use fixtures (points of wastewater entry into system).
- Projected wastewater characteristics (e.g. including wastewater quality data for any non-domestic sources) and flow patterns are described.
- Wastewater system components are described (existing and proposed).

B. Design Flow Information

- Proposed adjusted design flow attached for sizing each system component (e.g. pretreatment units, and drainfields).
- Basis, including calculations, for determining adjusted design flows provided.
If reduction proposed is based on flow data:
- Comparable facility has been fully described, including comparative occupancy, hours of operation, location, size, floor plans, water use fixtures and water use practices. For food service facility, documentation on comparable dining area size and use of multi- vs. single-service utensils and plates has been provided.
- Flow meter(s) location(s) has been specified and measurement units have been field confirmed, with documentation attached.
- Flow data provided include at least 12 previous consecutive monthly consumption readings and 30 days of consecutive daily flow readings from an average or above average month.
- Occupancy/use data have also been collected at least during this 30 day period.
- If system includes food service wastewater, at least two effluent samples during hours of operation have been taken from the comparable facility and analyzed for BOD or COD, total suspended solids and grease + oil.
- Additional wastewater quality data provided as requested for any other non-domestic sources.
- Pretreatment measures have been proposed to off-set any high strength characteristics of the wastewater from the proposed facility (description attached).

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