

CHANGES TO DRAFT R317-5, Large Underground Wastewater Disposal (LUWD) Systems

1. New draft is not a "stand-alone" rule—it incorporates specific provisions in R317-4 that are also pertinent to LUWD systems. These include:
 - Definitions
 - Material Standards
 - Horizontal setbacks (Table 2 in R317-4)
 - Soil Exploration Pits and Percolation Tests
 - Design Requirements
 - Construction and Installation
 - Final inspection
2. By incorporating and referencing R317-4 (part 4), it has reduced this R317-5 (part 5) document almost in half, from 21 pages to 11 pages.
3. Outline and contents of new draft closely resembles R317-4.
4. Has new "Authority" and "Purpose" sections. This addition updates these rules to other rules.
5. The entire rule has "Variance Approval" capability--as long as the proposal does not override "the safeguarding of public health, protection of water quality, or engineering practice".
6. Nine new definitions with "LUWD systems" language included.
7. The new section titled "General Standards, Prohibition, Requirements and Enforcement" closely resembles part 4 rules.
8. The new section "Feasibility Determination and Concept Approval" closely resembles part 4 rules that are also pertinent to LUWD systems. In the old rule, no direction was given for applications for "concept approval". All new applications will have to obtain a "feasibility determination" prior to applying for a construction permit.
 - Number of soil logs/ percolation tests required (nothing in old rule).
 - Ground water determination (nothing was in old rule).
 - Ground slope detailed (up to 35%) Same language as R317-4 rules (nothing about slope was mentioned in old part 5 rule).
9. "Engineering Reports, Plans and Construction Permits"—includes more details about contents of reports and plans that are needed for DWQ review.
 - Must be a Utah PE and certified level 3, per R317-11
 - Details in applications closely resemble R317-4 rules.
10. "Design Requirements" section references incorporation of R317-4, with minor exception, and details components required for a LUWD system (same as existing R317-5 rule).
11. "Construction and Installation"—new section incorporates R317-4 rule as a reference.
12. "Final Inspection and Authorization to Use"—inspection section references R317-4 rules. "Authorization to Use" requirements are more clearly explained when compared to old part 5 rule.
13. "Operation and Maintenance"—this section has been overhauled. Unlike R317-4 rules, this rule does not have a table for number of inspections per year, components inspected, or sampling

parameters. These requirements will be detailed in the Operating Permit when it is issued and will be unique to each LUWD system.

14. "Operating Permits and Annual Inspection Reports"—change here is that the portion of the rule detailing what information was necessary to submit in order to obtain an operating permit on existing systems has been removed. This is no longer necessary as all LUWD systems have been identified and have operating permits. The rest of this section has same language as existing part 5 rule, explaining operating permits for new systems and annual inspection reports.