

**Engineered Design for Complex Alternative Septic Systems
Proposal
August 28, 2008 BOH Meeting**

1. Technical Guidance Manual (TGM-pg. 27) specifies that the designer of alternative private systems may be required to be either a Professional Engineer or an Environmental Health Specialist. If either is used they must be licensed in the State of Idaho and should be experienced in the alternative system's design.
2. EIPHD's Environmental Health staff have been instructed that they are not to design septic systems.
3. DEQ has contacted the Board of Professional Engineers and they consider the Pressurized Distribution Section of the TGM to be engineering and needs to be completed by a PE not an installer.

Due to the items above, I would like to propose to the Board the following:

- **All *complex, alternative septic systems must be designed by a professional engineer licensed in the State of Idaho and experienced in alternative system's design.**

*Complex, alternative septic systems include:

1. Any septic system with a pressurized distribution system
 2. Any system with a Drip Distribution System
 3. Evapotranspiration Systems
 4. Experimental Systems
 5. Individual Lagoon Systems
 6. Recirculating Gravel Filter systems
 7. Intermittent Sand Filter systems
 8. Sand Mound systems
 9. Two-cell Infiltrative Systems
- **I request the new policy go into effect on October 1, 2008. This will allow time for a training to be held for engineers on the complex, alternative systems.**