



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

Dirk Kempthorne, Governor  
Toni Hardesty, Director

June 12, 2006

John Morgan  
Snake River Sales  
753 E. Idaho Blvd.  
Emmett, ID 83617

RE: Fralo HDPE septic tanks, ST-1060, ST-1250, & ST-1500.

Dear Mr. Morgan:

On June 7, 2006, the District VII Health Department (D7HD) completed the Leak and Dimensional testing on the Fralo Plastech ST-1060, ST-1250, and ST-1500 High Density Polyethylene (HDPE) septic tanks. The results of these tests concluded that the tanks are dimensionally acceptable, and did not leak.

Observation of the tanks' assembly identified a deficiency that will impact the listing of these tanks. D7HD personnel identified that the materials and methods employed to segregate the tanks into multiple compartments did not provide water tight sections. Consequently, the Idaho Department of Environmental Quality (DEQ) can only list these tanks as single compartment septic tanks. These tanks will also be limited to a maximum bury depth of 3 feet.

Additionally, due to the multiple influent and effluent hole locations provided in the HDPE molding process, the holes identified as "A" shall be drilled prior to delivery. The holes provided shall be five inch (5") in diameter to accommodate the factory supplied gland seal. Placement of the influent and effluent pipe through the "A" location shall insure that the product provides the specified volume, and meets Idaho's minimum requirements.

I am pleased to inform you and the Health Districts that the Fralo Plastech model ST-1060, ST-1250, and ST-1500 HDPE septic tanks are approved for use in the State of Idaho. These tanks must be provided with the factory baffles, and gland seals.

The approval of these septic tanks in no way implies endorsement or warranty by the State of Idaho of these septic tank designs over any other state approved septic tank design. **Any modifications to an approved septic tank design requires plans and specifications to be submitted to this office prior to any remanufacturing of an approved septic tank.** Individual Environmental Health Specialists can require a water tightness test of any septic tank should they suspect that a tank may not be watertight or as part of the routine installation inspection.

Should you have any questions regarding this letter please feel free to contact me at 208-373-0140, or email at [aj.maupin@deq.idaho.gov](mailto:aj.maupin@deq.idaho.gov).

Sincerely,

A handwritten signature in black ink that reads "A.J. Maupin, P.E.".

A.J. Maupin, P.E.  
State Onsite Wastewater Coordinator  
Wastewater Program

c: Environmental Health Directors  
Technical Guidance Committee Members  
Joseph A. Brown, P.E., Fralo Plastech, One General Motors Dr., Syracuse, NY 13206  
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