



COMMONWEALTH OF KENTUCKY
CABINET FOR HEALTH AND FAMILY SERVICES
DEPARTMENT FOR PUBLIC HEALTH
DIVISION OF PUBLIC HEALTH PROTECTION & SAFETY
Environmental Management Branch
275 East Main Street, HS 1C-D
Frankfort, Kentucky 40621-0001

Phone: 502-564-4856

Fax: 502-564-6533

8-27-04

Mark Jones, PE
Technical and Regulatory Manager
Fraro Plastech
One General Motors Drive
Syracuse, NY 13206

Re: Multiple septic tank plans

I have reviewed the plans you submitted for several sizes and types of septic tanks and inspected them. I found the tanks were in compliance with the 902 KAR 10:081.

The following must be met with each type and size of tank:

- The inlet baffle in all one and two compartment tanks must extend at least 8 inches into the liquid depth, but no more than 10 inches (this means the tees you currently supply will have to be adjusted for distribution in Kentucky)
- Both the inlet and outlet tees must extend above the liquid level to within 1-2 inches of the inside top of the tank (this will require an adjustment on the currently supplied tees)

When a riser is used on a septic tank, the manhole lid must be in place. This is in addition to the riser lid.


The following tank types and sizes are approved for single compartment configuration. The KY approval number is also given.

ST-750	KY-P-07-0185
ST-1060	KY-P-10-0185
ST-1250	KY-P-12-0185
ST-1500	KY-P-15-0185

Please note: Kentucky onsite regulations require a minimum 1000-gallon tank for all residential septic systems, therefore, the ST-750 can only be used on septic systems for small

"...Promoting and safeguarding the health and wellness of all
Kentuckians."

An Equal Opportunity Employer M/F/D



commercial/public facilities. Also, the ST-1060 and the ST-1250 in a two-compartment configuration would have the same restrictions.

The ST-1500 may be used in the two-compartment configuration as long as the first compartment is at least 1000 gallons and the second at least 500 gallons. This use would meet the requirement for two tanks in series for a system installed in a Group IV (clay) soil for a 2 or 3-bedroom house.

The approval numbers for the tanks in a two-compartment configuration are as follows:

ST-750	Not approved in a two-compartment configuration
ST-1060	KY-P-10-0185-T
ST-1250	KY-P-12-0185-T
ST-1500	KY-P-15-0185-T

The approval number is to be on each tank and located to the upper right side of the tank on the outlet end.

If you have any questions you can reach me at 606-662-6521.


Respectfully,



Les Collinsworth
Les Collinsworth

Technical Consultant

Environmental Management Branch



“...Promoting and safeguarding the health and wellness of all
Kentuckians.”

An Equal Opportunity Employer M/F/D