



**CABINET FOR HEALTH AND FAMILY SERVICES
DEPARTMENT OF PUBLIC HEALTH**



Division of Public Health Protection & Safety
Environmental Management Branch HS 1C-D
275 East Main Street
(502) 564-4856
(502) 564-3653
www.chfs.ky.gov

Steven L. Beshear
Governor

Janie Miller
Secretary

10-7-11

Jens Gartner, CEO
WRS-USA, LLC
124 Kennedy Rd.
Ft. Wright, KY 41011

Page 1 of 2

Re: Plan submission for wastewater treatment systems SOLIDO Small Wastewater Treatment Plants In PE Containers, SOLIDO models: Single-container plants 4 E-30, 5 E-35, 6 E-50, Two container plants 9 E-30/30, 11 E-35/35, 14 E-50/50, SOLIDOPlusTwo-container plants with a large sludge reservoir, 5 E-30/15, and 7 E-35/20

I have completed the review of the plans you submitted on the above listed models to obtain approval for use in Kentucky.

The units have been approved for use with single family residences.

Use with Commercial or Public facilities will be reviewed on a case-by-case basis and approval/non-approval will be based on the particular unit, the expected TDW, the strength of the wastewater and site/establishment needs/requirements.

The following is a list of the various models showing the appropriate Kentucky Approval Number that must be placed on the particular unit and the maximum TDW (total daily waste flow) the unit is approved for. The Kentucky approval number must be located on the outlet end of the tank to the right of the outlet knockout hole (the upper right hand corner of the tank).

- | | | |
|---------------------|----------------|---------------------------|
| ➤ SOLIDO 4 E-30 | KY-P/01-5203 | Maximum TDW = 220 gallons |
| ➤ SOLIDO 5 E-35 | KY-P//01-5203 | Maximum TDW = 275 gallons |
| ➤ SOLIDO 6 E-50 | KY-P/02-5202 | Maximum TDW = 330 gallons |
| ➤ SOLIDO 9 E-30/30 | KY-P/04-5203 | Maximum TDW = 495 gallons |
| ➤ SOLIDO 11 E-35/35 | KY-P/05-5203 | Maximum TDW = 650 gallons |
| ➤ SOLIDO 14 E-50/50 | KY-P/06-5203 | Maximum TDW = 770 gallons |
| ➤ SOLIDO 5 E-30/15 | KY-P///01-5203 | Maximum TDW = 275 gallons |
| ➤ SOLIDO 7 E-35/20 | KY-P/03-5203 | Maximum TDW = 385 gallons |





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The installation must be in compliance with 902 KAR 10:085 and the installation requirements as listed in the book/manual "Technical Documentation (Instruction Manual and Operations Logbook) Fully Biological SBR Wastewater Treatment System SOLIDO for Small Wastewater Treatment Plants in PE Containers" The requirements of 902 KAR 10:085 will take precedence over the requirements in your current manual or any subsequent manuals in the event of a requirement conflict.

At present and until further notice, all installations must be certified and approved by a WRS-USA, LCC representative (in addition to the inspection and approval by the local Health Department) and documentation issued to the Kentucky Department for Public Health and the local Health Department located in the county where the unit is installed.

The particular unit/model for a particular system will be chosen based on the approved maximum TDW of the unit. The lateral field sizing will be based upon the lateral field sizing requirements as listed in 902 KAR 10:085.

The units will not be required to have an additional septic tank installed in addition to the unit.

All other aspects/requirements of 902 KAR 10:085 must be met when a SOLIDO unit is used as a component of an Onsite Sewage Disposal System.

If you have any questions you can reach me at 606-662-6521 or our central office at 502-564-4856.

Respectfully,

Les Collinsworth
Technical Consultant
KY Department for Public Health