

## **MEMORANDUM**

**Date:** June 25, 2018

**To:** Environmental Health Managers  
District Health Directors

**From:** Douglas F. Canody, PE, Technical Services Engineer  
Office of Environmental Health Services

**Subject:** Approval for listing of ME Concrete Products Company 2,000 and 1,500 gallon single compartment and 2,000 and 1,500 gallon two compartment septic tanks as Approved Wastewater System Components

ME Concrete Products Company submitted the following information in support of their application for approval of their septic tanks.

1. Drawings of the each of the tank models being listed, including
  - a. 2,000 gallon – two-compartment septic tank
  - b. 2,000 gallon - single compartment septic tank
  - c. 1,500 gallon – two-compartment septic tank
  - d. 1,500 gallon - single compartment septic tank
2. Letter from Marwan Saleh Iftaiha, PE of Soil Consultants Engineering to ME Concrete Products Company dated August 14, 2017 evaluating steel reinforcing requirements for the lids of these septic tanks. This correspondence indicates the maximum burial depth for these tanks is 3.5 feet.
3. Letter from Krystina Scott, Geotechnical Project Manager and cosigned by Lubomir D. Peytchev, PE. to ME Concrete Products Company addressing excavation and backfill recommendation for septic tank installation. .
4. A supplemental information sheet provided by the tank manufacturer, ME Concrete Products, Co to clients (Owners, installers, designers or other onsite sewage professionals). This information sheet addresses requirements for septic tanks from the Commonwealth of Virginia Sewage Handling and Disposal Regulations (12VAC5-610) not addressed on the drawings by the tank manufacturer.

The submittal was assessed for compliance with the Sewage Handling and Disposal Regulations, sections 12VAC5-610-810, 815, and 820. Inlet/outlet structures were not included in submittal.

Based on the information provided, the Office of Environmental Health Services approves the submitted products for posting as compliant with the Sewage Handling and Disposal Regulations except for the lack of inlet/outlet structures. Inlet/outlet structures that are compliant with the Sewage Handling and Disposal Regulations must be added to the tank prior to use.

The subject septic tanks and associated documents are listed as approved Onsite Wastewater System Components on the OEHS website at this online address under the heading of “Septic Tanks”: <http://www.vdh.virginia.gov/environmental-health/onsite-sewage-water-services-updated/onsite-sewage-system-septic-system-component-approvals/>

**This approval is not an endorsement of this product by the Virginia Department of Health**