



**Requirements for Installing and Utilizing a Holding Tank for Storage
of Non-Domestic Wastewater.**

This planned wastewater holding tank will only be authorized for the storage of non-domestic wastewater.

1. The holding tank must hold, at a minimum, 7 days effluent from the facility and shall be of watertight construction. Information shall be submitted showing all process wastewater flows, quantity and frequency generated, that will be stored onsite in the holding tank. Calculations shall be provided that demonstrate a minimum of 7 days storage will be provided.
2. Design of the storage tank shall be done by a professional engineer (PE) licensed in MD, and submitted to MDE for review and approval. Construction shall not begin on installation of the holding tank(s) and piping, until MDE approves the design. The design shall include at a minimum:
 - a. tank manufacturer, tank size, cross sectional details, wall thickness, depth of cover, etc.
 - b. if the tanks are concrete, then the tanks must conform to the National Pre-Cast Association (NPCA) Best Management Practice's Manual.
 - c. based on the type of tank, specific installation instructions with respect to proper tank bedding, tank support and proper backfill procedures.
3. A high-water alarm must be installed as a safeguard to prevent tank capacity being exceeded.
4. During tank installation, a 24 hr field water tightness test per the NPCA manual shall be conducted to verify water tightness. Tanks that do not pass this test will be subjected to rejection and return to the supplier.

Please contact Tracy Rocca-Weikart at 410.537.3659 at least 72 hours prior to the start of the test.
5. The contents of the holding tank shall be regularly removed and disposed of properly. Documentation must be provided validating that contractual services have been obtained to haul the wastewater offsite for appropriate treatment and disposal. This documentation shall include an acceptable pumping schedule between the applicant and an approved liquid waste hauler.

For further information on design submittal, notice of tank integrity testing or other questions, please contact Tracy Rocca-Weikart at 410.537.3659 or tracy.rocca-weikart@maryland.gov.

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