

<p align="center"><b>HUNTERDON COUNTY HEALTH DEPARTMENT STANDARD OPERATING GUIDELINES</b></p>	<p><b>POLICY NUMBER : 05-19</b></p>	<p><b>DATE: 9/19/19 REVISED</b></p>
<p><b>SUBJECT: Bathroom Basements Using Grinder Pumps</b></p>	<p><b>AUTHORIZED BY: Carla Hobbs</b></p>	

Since NJDEP Division of Water Quality has authorized the administrative authorities to waive the 50% larger field requirement for homes with an ejector pump that services a convenience bathroom without applying for a TWA, in order for administrative authority to issue the approval for grinder pumps associated with basement convenience bathrooms the following criteria must be met:

- 1) A multiple compartment septic tank, or multiple septic tanks in series, is required and the liquid capacity of the septic tank(s), exclusive of air space, shall be at least 50 percent greater than the minimum capacity required by N.J.A.C. 7:9A-8.2;
- 2) A minimum 6" effluent filter (recommended) with 1/16" openings installed on the outlet of the last chamber/tank in series; and
- 3) An inspection port brought to grade over the outlet where the effluent filter is located, sized appropriately to service the effluent filter.

Additionally, the use of a convenience bathroom cannot be associated with an increase in the number of bedrooms in the dwelling.

**The approval for the grinder pumps is part of the construction permit referral approval process. The following will be required:**

1. submit construction permit referral form
2. attached basement floor plan
3. NJ licensed professional engineer to submit alteration application with the following:
  - a. Conditions 1,2, and 3 noted above must be met
  - b. Provide signed and sealed plan showing location of tank(s)
  - c. submit page 1 and page 12(general design data) only of the alteration application. Submit page 13 (design of pressure dose or gravity dose system) if needed.
  - d. provide certification signed by a licensed professional engineer that the system is functioning. This note can be included on the plan.
  - e. submit 4 signed and sealed copies of application and plan
  - f. provide as built drawing.
4. Construction permit referral form will be approved after the installation of the tank(s) is completed and inspected by this department.