

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

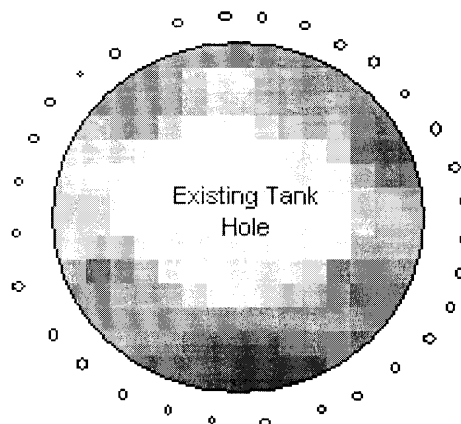
Repair of Tank Inlet and Outlet Seals

Effective: 06-21-2022  
(supersedes version of June 28, 2002)

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This document describes a repair procedure for onsite sewage tank inlet and outlet seals. The procedure was originally documented as Memo HSES 02-025 with the Florida Department of Health. In those situations where tank inlet or outlet seals are being damaged during installation of the pipe, the following procedure can be used by licensed septic tank contractors, plumbers or tank manufacturers to repair the seal in lieu of replacing the tank:

1. Remove the damaged seal and replace it with an approved resilient seal using the following method.
2. If needed, enlarge the inlet or outlet hole to fit the replacement seal. Use a concrete drill bit to drill around the existing inlet or outlet hole. Drill holes should be no more than 1 inch apart. A chisel and hammer can then be used to clear the excess concrete. Use a wire brush to remove any remaining dust and debris from the hole. The purpose for drilling around the existing hole prior to chiseling is to minimize any fracturing of the tank. If the hole is enlarged without prior drilling, then the repair shall not be approved. The correct procedure is illustrated below:



3. Install the new seal using fast cure hydraulic cement meeting ASTM C109 (4,700 PSI at 28 days cure). The use of mortar is not an acceptable alternative to hydraulic cement.

The intentional removal or damage of a septic tank seal is a violation of the rule. Enforcement action can be taken if the situation warrants.

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Incorporated by reference in paragraph 62-6.013(11)(b), F.A.C.

