



Portage County Health Department Ravenna, Ohio

Title: Topsoil fill extension for elevated shallow trenches	Program area: Wastewater/HSTSs
Approved by: <hr/> Health Commissioner: <i>[Signature]</i> Date: <i>5/22/2015</i>	<hr/> Director: <i>[Signature]</i> Date: <i>5-22-15</i>
Original Effective Date: <i>5/22/2015</i>	<hr/> Supervisor: <i>[Signature]</i> Date: <i>5/22/15</i>
Reviewed/Revised Dates:	

POLICY PURPOSE:

To define, per OAC 3701-29-15(O)(2) which states in part: “an increase in the extent of fill beyond the edge of shallow trenches... may be required by a board of health when... the infiltrative surface is less than eight inches below the original ground surface”; Portage County Health Department requirements for the extent of fill beyond the edge of elevated shallow trenches when the infiltrative surface is less than eight inches below the original ground surface.

PROCEDURES:

In addition to all other code requirements, whenever soil conditions dictate that any proposed leaching trench STS design would require the infiltrative surface (bottom of the trenches) to be sited less than eight inches below the original ground surface; any proposed design plan must include, installation must adhere to, and final inspection must confirm all of the following:

- (Topsoil) fill material placed either prior to excavation or after installation of the distribution media shall be installed to the minimum SETTLED depth as applicable to conform to all design requirements;
- This appropriate settled depth must extend a minimum of 10 feet distance beyond the nearest trench sidewall around the entire perimeter of the system;
- Beyond the required minimum 10 foot extensions, the fill must then transition to the natural grade at no steeper than 3:1 slopes;
- Upslope surface water diversion devices shall be sited at the resultant upslope toe;
- Any solid piping that must pass alongside the leaching trench system (discharges of an upslope interceptor drain, LPP distribution or other pumpline, etc.) shall be sited at the resultant endslope toes and/or no closer than 10 feet horizontal isolation distance from the nearest trench sidewall; and
- For consideration of all other horizontal isolation distances in OAC 3701-29-06(G)(3), the extension of fill shall NOT be considered a “component.” However, the extent of fill as applicable to all slopes to natural grade MUST be entirely contained on the parcel upon which the STS is sited.