



Maryland Department of the Environment

Septic Permit Review Tool for Conventional Gravity and Pumped to Gravity Systems

Reviewer:

Date reviewed:

Project information:

Date submitted:

Review Criteria	Y,N, N/A	Additional comments
Site specific criteria		
Soil descriptions adequate?		
Permeability testing performed?		
Do perc rates support the soil loading rate proposed?		
Groundwater observations and or depth to rock or limiting zones noted?		
Adequate soil treatment zone ?(GPR compliant if applicable)		
Sufficient replacement area identified, designated?		
Septic system and replacement area meets setbacks from water supply wells on property (existing and proposed wells)		
Septic system and replacement area meets setbacks from water supply wells on neighboring properties (existing and proposed wels)		
Septic system located downgradient from water supplies?		
Septic system and/or sewage disposal area 100 feet from water bodies not serving as a potable supply?		
Septic system and/or sewage disposal area 25 feet from drainage way or gullies?		
Septic system landscape position acceptable (on contour, etc.)		
Septic permit serves only one structure?		
Septic permit application includes site plan to scale?		

Treatment system and pump system criteria		
Design of Grease Interceptor approved, if necessary		
If waste strength is over 300 mg/L BOD or TSS, is advanced treatment provided?		
Septic tank, BAT or Holding tanks adequately sized?		
Septic tank, BAT or Holding tank design approved ? (materials, manner)		
Pump chamber,if applicable, adequately sized?		
Pump chamber design approved? (materials, manner)		
Pump intake is 6 inches above the floor of chamber		
1 day of emergency storage capacity above the high water alarm?		
Control panel details provided if applicable? (location, height and alarm on separate circuit etc)		
Pump details acceptable (Pump curve, TDH, flow, etc.)		
Drainfield and distribution system		
System selection appropriate for the site?		
Drainfield design proposed consistent with Site Evaluation Results provided?		
Drainfield adequately designed ? (design flow, proper loading rate, trench depth, layout on contour etc)		
General Criteria		
System designed by private third party designer registered with OSWWP?		