
 <p>THURSTON COUNTY Washington Est. 1852</p> <p>Public Health & Social Services POLICY</p>	Policy Title: REPRESENTATIVE RAINY SEASON		
	Number ONST.20.GUI.843		Effective Date 11/02/2007
	Latest Approval Date 11/02/2007		Approved By Art Starry
	Next Review Date 06/21/2029		
POLICY INTENT			
Purpose		This protocol applies to wet season studies for on-site sewage systems installed within the top 36 inches of soil.	
Scope		<input checked="" type="checkbox"/> Internal Only <input type="checkbox"/> Direct Impact to Citizens	
Are Office/Department Documents on this subject permitted?		<input checked="" type="checkbox"/> Yes, the policy clarifies regulations used only by the Environmental Health Division (Article IV and WAC 246-272A).	<input type="checkbox"/> No
POLICY STATEMENT			
<p>These criteria shall be used for wet season studies conducted to evaluate sites where on-site sewage systems will be installed in the to 36 inches of soil.</p> <ol style="list-style-type: none"> <u>1. The rainfall that falls December through March shall be considered.</u> <u>2. A basic premise is typical soil is approximately 50% pore space and 50% solid. On the average, the volume of micropores is approximately the same as macropores.</u> <u>3. A basic premise is a typical soil Field Capacity is assumed to be 25% water content in micropores relative to the whole soil volume and 50% solid. This leaves 25% of the total volume as empty macropores.</u> <u>4. Soil can be considered “wetted” or at field capacity when rainfall has equaled 45% of the permeable soil depth.</u> Example: 20” of permeable soil over a restrictive horizon. The site is considered ready for evaluation when the accumulated total of 9” of rainfall is attained. <u>5. Evaluations to determine the soils hydrologic response are done to 6-month or 1-year storm events which are considered typical events. This occurs after the soil profile is determined to have reached Field Capacity.</u> <ol style="list-style-type: none"> A 6-month storm event is considered 1.79” of rain in a 24-hour period. A 1-year storm event is considered 2.3” of rain in a 24-hour period. <u>6. In non-typical events such as prolonged periods of rainfall consideration can be given to what is considered too much rain.</u> 			
DEFINITIONS AND ACRONYMS			
Insert Term		N/A	
RELEVANT LAWS AND OTHER SUPPORTING INFORMATION			

County Code State Law State Rule Other Sources	Thurston County Sanitary Code Article IV – On Site Sewage Regulations WAC 246-272A							
Superseded Documents	ONT.07.GUI.843 (11/02/2007)							
Supporting Documents	N/A							
Related Documents	ONST.20.POL.840 ONST.20.POL.842 ONST.20.POL.841 ONST.20.PRO.840 ONST.20.GUI.840							
Communication and Implementation Strategy	The Policy Administrator will: <ul style="list-style-type: none"> • coordinate the review of the Office/Department Documents to ensure consistency • Send signed updated policy to OSS Professionals and Staff through Constant Contact e-mail • Post signed updated policy to Division's OSS Professionals Webpage and PHSS intranet site. 							
POLICY ADMINISTRATION								
Policy Owner	Steve Petersen/Program Manager, Environmental Health Division							
Contact Person (if different from above)								
Roles and Responsibilities	Laura Blakely	Policy Administrator						
REVISION HISTORY								
Effective Date	Approved By	Modifications						
06/21/2023	 Art Starry/Environmental Health Director	Update only to ONST.07.GUI.843						
Xx/xx/xxxx	Name/Title	Indicate what changed						
Reviewers of the Current Revision	<table border="0"> <tr> <td> <u>Brad Sangston/Environmental Health Specialist II</u> Name/Title </td> <td> _____ Name/Title </td> </tr> <tr> <td> <u>Steve Davies/Environmental Health Specialist II</u> Name/Title </td> <td> _____ Name/Title </td> </tr> <tr> <td> _____ Name/Title </td> <td> _____ Name/Title </td> </tr> </table>		<u>Brad Sangston/Environmental Health Specialist II</u> Name/Title	_____ Name/Title	<u>Steve Davies/Environmental Health Specialist II</u> Name/Title	_____ Name/Title	_____ Name/Title	_____ Name/Title
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<u>Steve Davies/Environmental Health Specialist II</u> Name/Title	_____ Name/Title							
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FURTHER INFORMATION	
This section is not published on the final PDF document. It is for website purposes only	
Keywords for search engine	Rainy season, wet season, soil, rainfall