 <p>THURSTON COUNTY Washington Est. 1852</p> <p><b>Public Health &amp; Social Services POLICY</b></p>	<b>Policy Title</b> REQUIREMENTS FOR BYPASSING AN INTERMITTENT SAND FILTER	
	<b>Number</b> ONST.20.POL.845	<b>Effective Date</b> 12/28/2023
	<b>Latest Approval Date</b> 01/27/2009	<b>Approved By</b> Season Long
	<b>Next Review Date</b> 06/29/2029	
<b>POLICY INTENT</b>		
<b>Purpose</b>	The purpose of this policy is to describe the conditions when an intermittent sand filter may be by-passed for the purposes of reducing a biological clog.	
<b>Scope</b>	<input checked="" type="checkbox"/> Internal Only <input type="checkbox"/> Direct Impact to Citizens	
<b>Are Office/Department Documents on this subject permitted?</b>	<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
<b>POLICY STATEMENT</b>		
<b><u>When a proposal is received recommending that an intermittent sand filter be bypassed, the following shall apply:</u></b>		
<p><b><u>1. A temporary sand filter by-pass will not be allowed in the following situations:</u></b></p> <ul style="list-style-type: none"> <li>A. The horizontal separation from the sewage disposal component to surface water or a drinking water source is less than fifty (50) feet</li> <li>B. The disposal component is reduced in size</li> <li>C. The sewage system was required to meet Treatment Level A or Treatment Standard 1</li> <li>D. The sand filter was mitigation for a waiver or reduced setback.</li> </ul>		
<p><b><u>2. Diagnostics must be Performed to determine the cause of the sand filter failure.</u></b></p> <ul style="list-style-type: none"> <li>A. Completed by a County-certified monitoring specialist, Licensed Sewage System Designer, or Professional Engineer.</li> <li>B. Diagnostics must evaluate at a minimum; <ul style="list-style-type: none"> <li>1. waste strength</li> <li>2. leaking plumbing fixtures</li> <li>3. ground water intrusion to any OSS component</li> <li>4. daily flows not to exceed design parameters</li> <li>5. biomat buildup in the sand filter</li> </ul> </li> <li>C. Waste strength analysis, if taken, must be performed by a Washington Department of Ecology certified laboratory. The septic tank effluent shall meet the following conditions: <ul style="list-style-type: none"> <li>· TSS: ~ 80 mg/L</li> <li>· BOD5:~ 150 mg/L</li> <li>· O&amp;G: ~ 20 mg/L</li> </ul> </li> </ul>		
<p><b><u>3. A Licensed Sewage System Designer or Professional Engineer must submit the following for review:</u></b></p> <ul style="list-style-type: none"> <li>A. Sewage system design proposal with the applicable fees and repair application.</li> <li>B. Results of the diagnostics evaluation.</li> <li>C. Documentation indicating they have notified their client in writing that the sewage system is being operated outside the parameters of the original permit conditions.</li> </ul>		
<p><b><u>4. The existing pump chamber serving the sand filter must have or be retrofitted for timed controlled dosing and the minimum pump chamber sizing as per the current Pressure Distribution Guidelines.</u></b></p>		

5. The OSS owner shall ensure that the OSS is brought back into compliance with the applicable regulations within twelve (12) months of the sand filter bypass. A Licensed Sewage System Designer or Professional Engineer must submit written documentation to the department that the sand filter has been put back into service.
6. The Environmental Health Division will classify the sewage system as a non-conforming system until the sand filter is repaired or replaced.
7. An Operational Certificate will be issued for one (1) year to monitor the on-site septic system until it is brought back on-line.
8. If a proprietary device is added to the system, a monitoring specialist certified by Thurston County will be required as per policy ONST.20.POL.605.

#### DEFINITIONS AND ACRONYMS

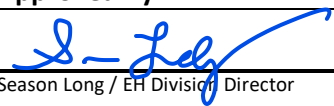
OSS	On-Site Sewage System
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#### RELEVANT LAWS AND OTHER SUPPORTING INFORMATION

County Code	Article IV
State Law	WAC 246-272A
State Rule	
Other Sources	
Superseded Documents	ONST.09.POL.845
Supporting Documents	N/A
Related Documents	ONST.20.POL.605
Communication and Implementation Strategy	<p>The Policy Administrator will:</p> <ul style="list-style-type: none"> <li>• coordinate the review of the Office/Department Documents to ensure consistency</li> <li>• Send signed updated policy to OSS Professionals and Staff through Constant Contact e-mail.</li> <li>• Post signed updated policy to Division's OSS Professionals Webpage and PHSS intranet site.</li> </ul>

#### POLICY ADMINISTRATION

Policy Owner	Steve Petersen, Program Manager, Environmental Health Division	
Contact Person (if different from above)	Season Long, Environmental Health Division Director	
Roles and Responsibilities	Laura Blakely	Policy Administrator

REVISION HISTORY		
Effective Date	Approved By	Modifications
12/28/2023	 Season Long / EH Division Director	Policy updated with minor corrections. Treatment Level A and Treatment Standard 1.
Xx/xx/xxxx	_____ Name/Title	Indicate what changed
Xx/xx/xxxx	_____ Name/Title	Indicate what changed
Reviewers of the Current Revision	Brad Sangston/Environmental Health Specialist II _____ Name/Title	_____ Name/Title
	Steven Davies/Environmental Health Specialist II _____ Name/Title	_____ Name/Title
	_____ Name/Title	_____ Name/Title
	_____ Name/Title	_____ Name/Title

FURTHER INFORMATION	
This section is not published on the final PDF document. It is for website purposes only	
Keywords for search engine	Operational certificate, sewage system, OSS, intermittent sand filter