THURSTON COUNTY Washington Est. 1852 Public Health & Social Services POLICY	**Policy Title** POLICY TO CLARIFY HOW THE TERM "UNIT VOLUME OF SEWAGE" WILL BE APPLIED TO MULTI-UNIT RESIDENTIAL DEVELOPMENT	
	Number ONST.20.POL.858	**Effective Date** 06/21/2023
	Latest Approval Date 06/21/2023	**Approved By** Art Starry
	Next Review Date 06/21/2029	

POLICY INTENT

Purpose	This policy applies when trying to determine the minimum land area requirement for a proposed multi-unit residential development using Method I or Method II of Article IV.	
Scope	☒ Internal Only ☐ Direct Impact to Citizens	
Are Office/Department Documents on this subject permitted?	☒ Yes, the policy clarifies regulations used only by the Environmental Health Division (Article IV and WAC 246-727A).	☐ No

POLICY STATEMENT

1. **The total daily sewage flow will be based on the total number of bedrooms in the proposed multi-unit residential development.**

   Example: A proposed five-unit residential development has a total of 10 bedrooms, 2 bedrooms per each unit. Multiply the total number of bedrooms times 120 gallons per bedroom per day. Total daily sewage flow for this example will be 1200 gallons per day.

2. **The total unit volume(s) of sewage will be based on the total daily sewage flow for a proposed multi-unit residential development.**

   Example: Divide the total daily sewage flow of 1200 gallons by one unit volume of sewage which is 450 gallons (per Article IV) to determine the total unit volumes of sewage. This example equals 2.67unit volumes of sewage.

3. **The minimum land area requirement for the proposed multi-unit residential development will be based on the total unit volumes of sewage and either Method I or Method II of Article IV.**

   Example using Table VII: The proposal is for Type 3 soil and uses an approved public water supply. From Table VII find the minimum land area requirement per unit volume of sewage. Multiply the minimum land area requirement of 15,000 sq. ft. by the total unit volumes of 2.67. The minimum land requirement for this example is 40,050 sq. ft.

4. **Regardless of which method is used to calculate minimum land area requirements, the maximum density permitted is 3.5 unit volumes per acre.**

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 WAC 246-272A
Superseded Documents	ONST.95.POL (15-616), December 28, 1995
Supporting Documents	N/A
Related Documents	N/A
Communication and Implementation Strategy	The Policy Administrator will: • 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	
Contact Person (if different from above)	Dawn Peebles/Senior Environmental Health Specialist	
Roles and Responsibilities	Laura Blakely	Policy Administrator

REVISION HISTORY		
Effective Date	**Approved By**	**Modifications**
06/21/2023	Art Starry/Environmental Health Director	Policy Updated
Xx/xx/xxxx	Name/Title	Indicate what changed
Reviewers of the Current Revision	Brad Sangston/Environmental Health Specialist II Name/Title 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	Unit volume of sewage, multi-unit resident, sewage flow, Article IV