

Table 1

Minimum Horizontal Separations

Items Requiring Setback	From edge of disposal component and reserve area	From septic tank, holding tank, containment vessel, pump chamber, and distribution box	From building sewer, collection, and non-perforated distribution line¹
Non-public well or suction line	100 ft.	50 ft.	50 ft.
Public drinking water well	100 ft.	100 ft.	100 ft.
Public drinking water spring,³	200 ft.	200 ft.	100 ft.
Spring or surface water used as drinking water source^{2,3}	100 ft.	50 ft.	50 ft.
Pressurized water supply line⁴	10 ft.	10 ft.	10 ft.
Properly decommissioned well⁵	10 ft.	N/A	N/A
Surface water³			
<i>Marine water</i>	100 ft.	50 ft.	10 ft.
<i>Fresh water</i>	100 ft.	50 ft.	10 ft.
Building foundation	10 ft. ⁶	5 ft. ⁶	2 ft.
Property or easement line⁶	5 ft.	5 ft.	N/A
Interceptor/curtain drains/drainage ditches			
<i>Down-gradient⁷</i>	30 ft.	5 ft.	N/A
<i>Up-gradient⁷</i>	10 ft.	N/A	N/A
Down-gradient cuts or banks with at least 5 ft. of original, undisturbed soil above a restrictive layer due to a structural or textural change	25 ft.	N/A	N/A
Down-gradient cuts or banks with less than 5 ft. of original, undisturbed, soil above a restrictive layer due to a structural or textural change	50 ft.	N/A	N/A

1. "Building sewer" as defined by the most current edition of the Uniform Plumbing Code. "Non-perforated distribution" includes pressure sewer transport lines.

2. If surface water is used as a public drinking water supply, the designer shall locate the OSS outside of the required sanitary control area.

3. Measured from the ordinary high-water mark.

4. The local health officer may approve a sewer transport line within 10 feet of a water supply line if the sewer line is constructed in accordance with section 2.4 of the Department of Ecology's "Criteria For Sewage Works Design," revised October 1985, or equivalent.

5. Before any component can be placed within 100 feet of a well, the designer shall submit a decommissioned water well report provided by a licensed well driller, which verifies that appropriate decommissioning procedures noted in chapter 173-160 WAC were followed. Once the well is properly decommissioned, it no longer provides a potential conduit to groundwater, but septic tanks, pump chambers, containment vessels or distribution boxes should not be placed directly over the site.

6. The local health officer may allow a reduced horizontal separation to not less than two feet where the property line, easement line, or building foundation is up-gradient.

7. The item is down-gradient when liquid will flow toward it upon encountering a water table or a restrictive layer. The item is up-gradient when liquid will flow away from it upon encountering a water table or restrictive layer.

Source: Washington Administrative Code, Chapter 246-272/On-Site Sewage Systems