

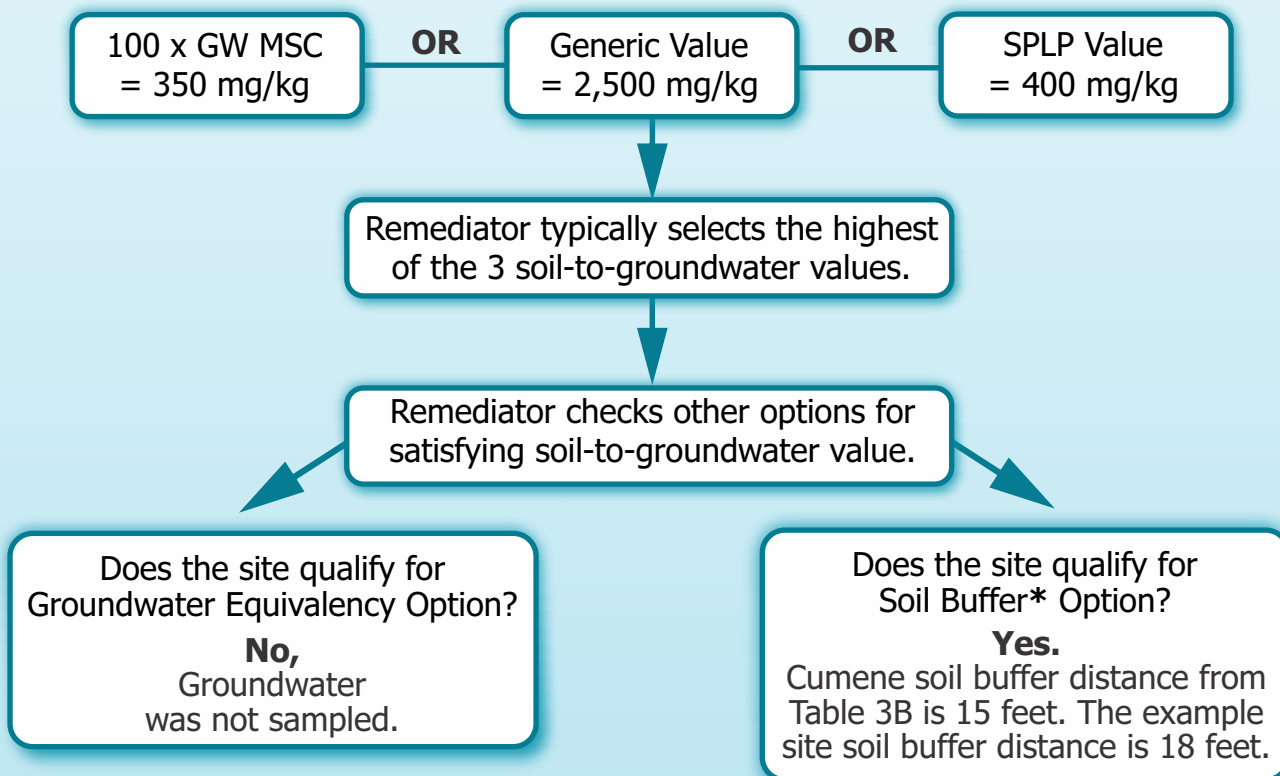
Selecting A Non-residential Soil MSC Using Chapter 250 Table Values AND Sub-Surface Site Information

(Considers SPLP, Soil Buffer Distance, and Equivalency Demonstration)

Example: Soil contaminated with regulated substances from petroleum product, including cumene, above PQL to a depth of 20 feet below grade

- SPLP testing of site soil (section II.B.2(c)(ii)(a) of TGM) established SPLP value of 400 mg/kg.
- Vertical distance from bottom of contaminated area to groundwater is 18 feet.
- Groundwater was not sampled.

**Remediator may choose any of 3 Options
(from Table 3B, Chapter 250 for Cumene, or SPLP result):**



***Soil Buffer Option:** In addition to soil depth from Chapter 250 Tables, cumene cannot exceed its PQL (or background level), and no karst carbonate formation underlies or is within 100 feet of the perimeter of the contaminated soil area.

Soil-to-Groundwater Value Satisfied with Soil Buffer Option
MSC = Direct Contact Value = 10,000 mg/kg