

**4717.7890 MULTIPLE CHEMICAL HEALTH RISK LIMITS: CANCER.**

Subpart 1. **Scope.** To evaluate the risk of cancer from multiple chemicals detected in groundwater, a cancer health risk index must be calculated using the procedure specified in this part.

Subp. 2. **Equation.** To evaluate the risk of cancer from multiple chemicals detected in groundwater, a cancer index must be calculated using the following equation:

$$\text{Cancer health risk index} = C_1/c\text{HRL}_1 + C_2/c\text{HRL}_2 + \dots + C_N/c\text{HRL}_N$$

Where:

A.  $C_N$  represents the concentration expressed as  $\mu\text{g/L}$  of the first through Nth chemical. In the case of a chemical that is detected but cannot be quantified,  $C_N$  is determined by acceptable statistical procedures.

B.  $c\text{HRL}_N$  represents the cancer health risk limit for the first through Nth chemical, as specified in part 4717.7860.

**Statutory Authority:** *MS s 103H.201*

**History:** *33 SR 1792*

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