$\textbf{§ 98.470}$  

40 CFR Ch. I (7–1–13 Edition)

<table>
<thead>
<tr>
<th>Industry/Waste Type</th>
<th>DOC (weight fraction, wet basis)</th>
<th>$k$ [dry climate] (yr$^{-1}$)</th>
<th>$k$ [moderate climate] (yr$^{-1}$)</th>
<th>$k$ [wet climate] (yr$^{-1}$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert Waste [i.e., wastes listed in §98.460(c)(2)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other Industrial Solid Waste (not otherwise listed)</td>
<td>0.20</td>
<td>0.02</td>
<td>0.04</td>
<td>0.06</td>
</tr>
</tbody>
</table>

*a The applicable climate classification is determined based on the annual rainfall plus the recirculated leachate application rate. Recirculated leachate application rate (in inches/year) is the total volume of leachate recirculated from company records or engineering estimates and applied to the landfill divided by the area of the portion of the landfill containing waste [with appropriate unit conversions].

(1) Dry climate = precipitation plus recirculated leachate less than 20 inches/year
(2) Moderate climate = precipitation plus recirculated leachate from 20 to 40 inches/year (inclusive)
(3) Wet climate = precipitation plus recirculated leachate greater than 40 inches/year

Alternatively, landfills that use leachate recirculation can elect to use the $k$ value for wet climate rather than calculating the recirculated leachate rate.

Subpart UU—Injection of Carbon Dioxide

Source: 75 FR 75086, Dec. 1, 2010, unless otherwise noted.

$\textbf{§ 98.470}$ Definition of the source category.

(a) The injection of carbon dioxide (CO$_2$) source category comprises any well or group of wells that inject a CO$_2$ stream into the subsurface.

(b) If you report under subpart RR of this part for a well or group of wells, you are not required to report under this subpart for that well or group of wells.

(c) A facility that is subject to this part only because it is subject to subpart UU of this part is not required to report emissions under subpart C of this part or any other subpart listed in §98.2(a)(1) or (a)(2).

$\textbf{§ 98.471}$ Reporting threshold.

(a) You must report under this subpart if your facility injects any amount of CO$_2$ into the subsurface.

(b) For purposes of this subpart, any reference to CO$_2$ emissions in §98.2(1) shall mean CO$_2$ received.

$\textbf{§ 98.472}$ GHGs to report.

You must report the mass of CO$_2$ received.

$\textbf{§ 98.473}$ Calculating CO$_2$ received.

(a) You must calculate and report the annual mass of CO$_2$ received by pipeline using the procedures in paragraphs (a)(1) or (a)(2) of this section and the procedures in paragraph (a)(3) of this section, if applicable.

(1) For a mass flow meter, you must calculate the total annual mass of CO$_2$ in a CO$_2$ stream received in metric tons by multiplying the mass flow by the CO$_2$ concentration in the flow, according to Equation UU–1 of this section. You must collect these data quarterly. Mass flow and concentration data measurements must be made in accordance with §98.474.

\[
CO_{2T,r} = \sum_{p=1}^{4} (Q_{r,p} - S_{r,p}) \times C_{CO_{2},r} \quad (\text{Eq. UU–1})
\]

where:

- $CO_{2T,r}$ = Net annual mass of CO$_2$ received through flow meter r (metric tons).
- $Q_{r,p}$ = Quarterly mass flow through a receiving flow meter r in quarter p (metric tons).
- $S_{r,p}$ = Quarterly mass flow through a receiving flow meter r that is redelivered to