Environmental Protection Agency § 414.21

The limitations and standards for individual dischargers shall be set on a mass basis by multiplying the concentration allowance established by the permit writer or control authority by the process wastewater flow from the individual wastestreams for which incidental metals have been found to be present.

(i) BOD\textsubscript{5} and TSS limitations for plants with production in two or more subcategories. Any existing or new source direct discharge point source subject to two or more of subparts B through H must achieve BOD\textsubscript{5} and TSS discharges not exceeding the quantity (mass) determined by multiplying the total OCP\textsubscript{SF} process wastewater flow subject to subparts B through H times the following “OCP\textsubscript{SF} production-proportioned concentration”: For a specific plant, let \(w_j\) be the proportion of the plant’s total OCP\textsubscript{SF} production in subcategory \(j\). Then the plant-specific production-proportioned concentration limitations are given by:

\[
\text{Plant BOD}_5 \text{ Limit} = \sum_{j=B}^{H} (w_j) \left( \text{BOD}_5 \text{ Limit}_j \right),
\]

and

\[
\text{Plant TSS Limit} = \sum_{j=B}^{H} (w_j) \left( \text{TSS Limit}_j \right).
\]

The “BOD\textsubscript{5} Limit\(_j\)” and “TSS Limit\(_j\)” are the respective subcategorical BOD\textsubscript{5} and TSS Maximum for Any One Day or Maximum for Monthly Average limitations.

§ 414.20 Applicability; description of the rayon fibers subcategory.

The provisions of this subpart are applicable to process wastewater discharges resulting from the manufacture of rayon fiber by the viscose process only.

§ 414.21 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, and in 40 CFR 414.11(i) for point sources with production in two or more subcategories, any existing point source subject to this subpart must achieve discharges not exceeding the quantity (mass) determined by multiplying the process wastewater flow subject to this subpart times the concentration listed in the following table.

<table>
<thead>
<tr>
<th>Effluent characteristics</th>
<th>BPT effluent limitations(^1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD\textsubscript{5}</td>
<td>Maximum for any one day 64, Maximum for monthly average 24</td>
</tr>
<tr>
<td>TSS</td>
<td>Maximum for any one day 130, Maximum for monthly average 40</td>
</tr>
<tr>
<td>pH</td>
<td>(\text{\textdegree}\text{F})</td>
</tr>
</tbody>
</table>

\(^1\) All units except pH are milligrams per liter.

\(^2\) Within the range of 6.0 to 9.0 at all times.

[52 FR 42568, Nov. 5, 1987, as amended at 57 FR 41843, Sept. 11, 1992]