
Identified criteria for the significant point sources for the TRB basin-wide overview



Annex 2 of the ITRBM Plan



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| Discharge of | Assessment of significance |
|--|--|
| Municipal wastewater | |
| Any municipal wastewater from Agglomerations between 2,000 and 10,000 PE WWTPs with < 10,000 PE | Not Significant |
| Untreated municipal wastewater from Agglomerations with > 10,000 PE | Significant |
| Only mechanically treated municipal wastewater from WWTPs with > 10,000 PE | Significant |
| Mechanically and biologically treated municipal wastewater without tertiary treatment from WWTPs with > 100,000 PE | Significant if at least one parameter is exceeded: – BOD ¹ > 25 mg/l O ₂ – COD ¹ > 125 mg/l O ₂ – N _{total} ² > 10 mg/l N** – P _{total} ² > 1 mg/l P |
| Industrial wastewater | |
| | Significant if at least one parameter is exceeded: – COD ³ > 2 t/d – Pesticides ⁴ > 1 kg/a – Heavy metals and compounds ⁵ : As _{total} > 5 kg/a Cd _{total} > 5 kg/a Cr _{total} > 50 kg/a Cu _{total} > 50 kg/a Hg _{total} > 1 kg/a Ni _{total} > 20 kg/a Pb _{total} > 20 kg/a Zn _{total} > 100 kg/a |
| Wastewater from agricultural point sources (animal farms) | Significant if at least one parameter is exceeded: N _{total} ⁵ > 50,000 kg/a P _{total} ⁵ > 5,000 kg/a |

WWTP = wastewater treatment plant

¹ According to Table 1 of the EU Urban Wastewater Treatment Directive, 91/271/EEC

² according to Table 2 of the EU Urban Wastewater Treatment Directive, 91/271/EEC

**) Equivalent to 13 mg/l N in Germany, due to 2h-composite sample monitoring

³ Threshold as in the EMIS inventory for industrial discharges 2000

⁴ Thresholds water in kg/year as in the EPER

⁵ Threshold as in the EPER (EMIS inventory for point agricultural sources 2002)