

Executive Summary

The United States Environmental Protection Agency (EPA) regulates compliance with the Clean Water Act (CWA), including Section 307(b) pretreatment standards. As part of this function, EPA issues National Pollutant Discharge Elimination System (NPDES) permits to publicly owned treatment works (POTWs). These permits contain provisions that require compliance with Title 40 of the *Code of Federal Regulations* Parts 403 through 471 (40 CFR 403–471) to ensure compliance with pretreatment standards by significant sources introducing pollutants subject to such standards to the POTW (cf, CWA 402(b)(8), 33 U.S.C. § 1342(b)(8) *et seq.*). Requirements to develop Technically Based Local Limits (TBLLs) are specified at 40 CFR 403.5 (c).

This TBLL evaluation has been prepared to meet NPDES requirements for the Camas Wastewater Treatment Plant (WWTP). These limits have been developed in accordance with EPA's Technical Support Document *Local Limits Development Guidance* (EPA, 2004) and in accordance with Section S6, Part F. of NPDES Permit No. WA-0020249. In response to these standards, conditions, and requirements, the local limits in Table ES-1 have been developed for the Camas WWTP.

The limits in the document are intended to protect the Camas wastewater system, prevent treatment interference, protect the environment, and protect worker health and safety. The assumptions are conservative and the data used apply to Camas only and are not intended to set standards for local limits developed for other jurisdictions.

Table ES-1. Local Limits Summary

Parameter	Local Limit	Page
Antimony	1.62 mg/L	See Note 1
Arsenic	0.14 mg/L	See Note 1
Cadmium	0.025 mg/L	See Note 1
Chromium (Total)	5.0 mg/L	5-7
Chromium (Hexavalent)	No Limit Adopted	4-1
Copper	0.438 mg/L	See Note 1
Cyanide	0.116 mg/L	See Note 1
Fluoride-Concentration	30.62 mg/L	5-13
Fluoride-Mass		
Analog Devices	76.6 lb/d	5-13
WaferTech	140.5 lb/d	5-13
Lead	0.135 mg/L	See Note 1
Mercury	0.007 mg/L	See Note 1
Molybdenum	0.286 mg/L	See Note 1
Nickel	0.461 mg/L	See Note 1
NWTPH-Dx	No Limit Adopted	4-1
NWTPH-Gx	No Limit Adopted	4-1
Selenium	0.31 mg/L	See Note 1
Silver	0.304 mg/L	See Note 1
Sulfate	No Additional Limit Adopted	5-13
TDS	No Additional Limit Adopted	5-14
Zinc	0.403 mg/L	See Note 1
Flow	No Limit Adopted	6-1

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Parameter	Local Limit	Page
BOD ₅	No Limit Adopted	6-1
TSS	No Limit Adopted	6-1
Ammonia	No Limit Adopted	6-1
pH	5.5–9.0 SU	6-1
Oils and Grease	50 mg/L total O&G	6-2
Temperature	40°C (104°F) at POTW; 60°C (140°F) from SIU	6-2
Flammability	No two consecutive readings at ≥5% LEL, and no reading of ≥10% LEL allowed	6-2

1. See Local Limits Page 2 (Appendix C).

Notes:

BOD₅ = 5-day biochemical oxygen demand

lb/d = pounds per day

LEL = lower explosive limit

mg/L = milligrams per liter

POTW = publicly owned treatment works

SIU = significant industrial user

SU = standard units

TDS = total dissolved solids

TSS = total suspended solids