

## Approved Wastewater Methods and Holding Times for CCCSD Required Parameters

Constituent	Approved Methods (40 CFR 136) <sup>1</sup>	Holding Time (Preserved)
Antimony (Sb)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B, 3113B, 3120B, 3125B	6 months
Arsenic (As)	US EPA Methods: 200.5, 206.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3113B, 3114B or C, 3120B, 3125B, 3500-As B	6 months
Cadmium (Cd)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B, 3500-Cd D	6 months
Chromium (Cr), Total	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B, 3500-Cr B	6 months
Copper (Cu)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B, 3500-Cu B or C	6 months
Lead (Pb)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B, 3500-Pb B	6 months
Mercury (Hg)	US EPA Methods: 245.1, 245.2	28 days
	US EPA Methods: 245.7, 1631E	90 days
	Standard Methods: (SM) 3112B	28 days
Nickel (Ni)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B	6 months
Selenium (Se)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B, 3114B or C, 3120B, 3125B	6 months
Silver (Ag)	US EPA Methods: 200.5, 200.7, 200.8, 200.9 Standard Methods: (SM) 3111B or C, 3113B, 3120B, 3125B	6 months
Zinc (Zn)	US EPA Methods: 200.7, 200.8, 200.9, 279.2 Standard Methods: (SM) 3111B or C, 3120B, 3125B, 3500-Zn B	6 months
Phenol	US EPA Methods: 420.1, 420.4 Standard Methods: (SM) 5530B or D	28 days
Total Toxic Organics (TTO) <sup>2</sup>	US EPA Methods: 624.1	14 days <sup>3</sup>
	US EPA Methods: 608.3, 625.1	7 days <sup>4</sup>
Oil & Grease (mineral)	US EPA Methods: 1664 Standard Methods: (SM) 5520B or F	28 days
Oil & Grease (animal/vegetable)	US EPA Methods: 1664 Standard Methods: (SM) 5520B	28 days
Biochemical Oxygen Demand (CBOD) <sup>5</sup>	Standard Methods: (SM) 5210B	48 hours
Chemical Oxygen Demand (COD)	US EPA Methods: 410.3, 410.4 Standard Methods: (SM) 5220B, C or D	28 days
Total Suspended Solids (TSS)	Standard Methods: (SM) 2540 D	7 days
Total Dissolved Solids (TDS)	Standard Methods: (SM) 2540 C	7 days
Cyanide	US EPA Methods: 335.4, Kelada-01 Standard Methods: (SM) 4500-CN <sup>-</sup> B, C, D, E, or F	14 days
pH	US EPA Methods: 150.2 <sup>6</sup> Standard Methods: (SM) 4500-H <sup>+</sup> B <sup>7,8</sup>	15 minutes
Radioactivity	US EPA Methods: 900.0 Standard Methods: (SM) 7110B	6 months
Organophosphate Pesticides (Diazinon)	US EPA Methods: 507, 614, 622, 625.1	7 days
Sulfide	Standard Methods: (SM) 4500-S <sup>2-</sup> B, D, F or G	7 days
Dioxin (TCDD)	US EPA Methods: 613, 1613B	1 year
Total Petroleum Hydrocarbons (TPH)	US EPA Methods: 8015	14 days
BTEX (including MTBE)	US EPA Methods: 624.1	14 days

**Notes:**

<sup>1</sup> In addition to EPA and Standard Methods, approved methods such as ASTM and USGS/AOAC methods are accepted. Refer to 40 CFR part 136.

<sup>2</sup> TTO includes the EPA list of organic priority pollutants itemized under EPA methods 624.1, 625.1, and 608.3 on a separate table. Check permit to see which methods apply.

<sup>3</sup> Samples for Acrolein, Acrylonitrile and 2-CEVE have a 3-day holding time if unpreserved

<sup>4</sup> 7 days until extraction; 40 days after extraction

<sup>5</sup> Biochemical oxygen demand must be analyzed as CBOD<sub>5</sub> or 5-day Carbonaceous Biochemical Oxygen Demand

<sup>6</sup> Continuous pH monitoring system

<sup>7</sup> Glass electrode meter

<sup>8</sup> According to the RWQCB letter dated February 24, 2017: "Pretreatment programs may use field pH instruments for required industrial user compliance monitoring. An ELAP certified laboratory does not have to analyze the industrial user pH samples."