

Table 4.8-12. List of surface water quality parameters to be monitored.

SURFACE WATER

List A-1 (Monthly)

FLOW
pH
CONDUCTIVITY
TEMPERATURE
IRON, Total
TOTAL SUSPENDED SOLIDS
SETTLEABLE SOLIDS

List A-3 (Semi-Annual) (1)

FLOW	BARIUM, Total	MAGNESIUM, Dissolved
pH	BICARBONATE	MANGANESE, Dissolved, Total
CONDUCTIVITY	BORON, Dissolved	MOLYBDENUM, Total
TEMPERATURE	CADMIUM, Total	NICKEL, Dissolved
IRON, Total	CALCIUM, Dissolved	NITRATE
TOTAL SUSPENDED SOLIDS	CARBONATE (3)	SAR
SETTLEABLE SOLIDS	CHROMIUM, Total	SELENIUM, Total
TOTAL DISSOLVED SOLIDS	COPPER, Total	SODIUM, Dissolved
ALUMINUM, Total	FLUORIDE	SULFATE
ARSENIC, Total	LEAD, Total	ZINC, Total

List A-4 (Quarterly)/(Twice Monthly) (4)

FLOW	BARIUM, Total	MANGANESE, Total; Dissolved
pH	BICARBONATE	MERCURY, Total (Low Level)
CONDUCTIVITY	BORON, Dissolved	MOLYBDENUM, Total
TEMPERATURE	CADMIUM, Total; Dissolved	NICKEL, Dissolved
IRON, Total	CALCIUM, Dissolved	NITRATE
TOTAL SUSPENDED SOLIDS	CARBONATE (3)	SAR
SETTLEABLE SOLIDS	CHROMIUM, Total	SELENIUM, Total; Dissolved
TOTAL DISSOLVED SOLIDS	COPPER, Total; Dissolved	SODIUM, Dissolved
ALUMINUM, Total	FLUORIDE	SULFATE
ARSENIC, Total	LEAD, Total	ZINC, Total; Dissolved
BERYLLIUM	MAGNESIUM, Dissolved	

WET Test (Quarterly)

WET Acute (2)

- (1) Springs with sufficient flows will be sampled for surface water parameters List A-3 once each year in May/June.
- (2) Quarterly WET sampling (as required per CDPS Permit No. CO-0032115) for outfalls 009, 023, and 025 only.
- (3) If pH of the sample exceeds 8.3.
- (4) Twice monthly sampling required at outfalls 009, 023 and 025 only.

Note: See Table 4.8-11 for monitoring schedule.