

**Table 3-2. Analytical Methods for Constituents for Critical Source**

Class	Constituent	Sample Type	Method	DL	PQL	Units	Preservation	Holding Time	CS
Conventional									
	TPH	Grab	A418.1	1.0	1.0	mg/l	-	28 days	x
	Oil and Grease	Grab	A413.1	1.0	1.0	mg/l	-	28 days	x
Indicator Bacteria									
	Total Coliform	Grab		20	20	MPN/100ml	-	6 hours	x
	Fecal Coliform	Grab		20	20	MPN/100ml	-	6 hours	x
	Fecal Streptococcus	Grab		20	20	MPN/100ml	-	6 hours	x
General									
	COD	Comp	A410.4	5	5	mg/l	H <sub>2</sub> SO <sub>4</sub>	28 days	x
	pH	Comp	A150.1	na	na		-	immed.	x
	Specific Conductance	Comp	A120.1	1	1	umhos/cm	-	immed.	x
	Total Dissolved Solids	Comp	A160.1	2.0	2.0	mg/l	-	7 days	x
	Suspended Solids	Comp	A160.2	2.0	2.0	mg/l	-	7 days	x
	MBAS	Comp	A425.1	0.05	0.05	mg/l	-	48 hours	x
	Total Organic Carbon	Comp	A415.1	1.0	1.0	mg/l	HCl, H <sub>2</sub> SO <sub>4</sub> , or H <sub>3</sub> PO <sub>4</sub>	28 days	x
Metals									
	Dissolved Aluminum	Comp	A202.2	100	100	µg/l	HNO <sub>3</sub>	6 months	x
	Total Aluminum	Comp	A202.2	100	100	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Cadmium	Comp	A213.2	1	1	µg/l	HNO <sub>3</sub>	6 months	x
	Total Cadmium	Comp	A213.2	1	1	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Chromium	Comp	A218.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Total Chromium	Comp	A218.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Copper	Comp	A220.1	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Total Copper	Comp	A220.1	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Iron	Comp	A236.1	100	100	µg/l	HNO <sub>3</sub>	6 months	x
	Total Iron	Comp	A236.1	100	100	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Lead	Comp	A239.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Total Lead	Comp	A239.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Nickel	Comp	A249.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Total Nickel	Comp	A249.2	5	5	µg/l	HNO <sub>3</sub>	6 months	x
	Dissolved Zinc	Comp	A289.1	50	50	µg/l	HNO <sub>3</sub>	6 months	x
	Total Zinc	Comp	A289.1	50	50	µg/l	HNO <sub>3</sub>	6 months	x
Semi-Volatile Organics									
	Bis(2-ethylhexyl)phthalate	Comp	625	3.0	3.0	µg/l	-	7 days	x
	All other SVOCs	Comp	625	0.5 - 5.0	0.5 - 5.0	µg/l	-	7 days	x

DL = Detection limit

PQL = Practical quantitation limit

CS = Constituents marked analyzed for critical source sites.

"-" = No preservation required other than cooling the sample to 4° C.

na = not applicable