

## Horsetooth Reservoir Water Quality Monitoring Parameters

Laboratory Parameters	Hansen Feeder Canal C50	Inlet Bay R20	Spring Canyon (R21)				Dixon Canyon R30	Soldier Canyon (R-40)			
			1Meter	Comp A	Comp B	Bottom+1M		1 Meter R40-1M	Comp A R40-A	Comp B R40-B	Bottom+1 M R40-B+1 M
			R21-1M	R21-A	R21-B	R21-B+1					
Alkalinity	1/wk	x	x	x	x	x		x	x	x	x
Al - total	1/mo							x	x	x	x
Al - dissolved								x	x	x	x
Ammonia	1/wk	x	x	x	x	x		x	x	x	x
Arsenic - total	3/yr							1/yr	1/yr	1/yr	1/yr
Calcium	1/mo		x	x	x	x		x	x	x	x
Chlorophyll-a	1/wk	x	x				x	x			
Color	1/wk										
Copper - Total	1/wk										
Hardness	1/wk	x	x	x	x	x		x	x	x	x
Iron - total	1/mo	x	x	x	x	x		x	x	x	x
Iron - dissolved		x	x	x	x	x		x	x	x	x
Lead - total	1/mo							1/yr	1/yr	1/yr	1/yr
Magnesium	1/mo		x	x	x	x		x	x	x	x
Mn - total	1/mo	x	x	x	x	x		x	x	x	x
Mn - dissolved	1/mo	x	x	x	x	x		x	x	x	x
Nitrate	1/wk	x	x	x	x	x		x	x	x	x
Nitrite	1/wk	x	x	x	x	x		x	x	x	x
O-Phosphate	1/wk	x	x	x	x	x		x	x	x	x
Phosphorus - total	1/wk	x	x	x	x	x		x	x	x	x
Potassium	1/mo							x	x	x	x
Phytoplankton	1/mo	x	x				x	x			
Silver	3/yr							1/yr	1/yr	1/yr	1/yr
Sodium	1/mo							x	x	x	x
Specific Conductance	1/wk										
Sulfate	1/mo	x	x	x	x	x		x	x	x	x
TDS	1/mo							x	x	x	
TKN	1/mo	x	x	x	x	x		x	x	x	x
TOC	1/wk	x	x	x	x	x		x	x	x	x
Turbidity	1/wk	x	x	x	x	x		x	x	x	x
Geosmin (fall)	2/mo	x	x	x	x	x	x	x	x	x	x
VOC (BTEX)	1/mo	x	x					x			

Field Data	Hansen Feeder Canal @ C50	Inlet Bay	Spring Canyon	Dixon Canyon	Soldier Canyon
Secchi Depth		x	x	x	x
Temperature	continuous	every 1 m	every 1 m	every 1 m	every 1 m
Dissolved Oxygen	continuous	every 1 m	every 1 m	every 1 m	every 1 m
pH	continuous	every 1 m	every 1 m	every 1 m	every 1 m
Chlorophyll-a	continuous	every 1 m	every 1 m	every 1 m	every 1 m
Specific Conductance	continuous	every 1 m	every 1 m	every 1 m	every 1 m