

SKYCO WATER PLANT

WATER QUALITY  
&  
CONTAMINANTS ANALYSES

## INORGANIC CHEMICAL ANALYSIS

September 2023

Contaminant Name	Required Reporting Limit (RRL mg/l)	NOT Detected (i.e. < RRL) (X)	Quantified Results (mg/l)	Allowable Limit (mg/l)
Arsenic, mg/l	0.005	X		0.010
Barium, mg/l	0.400	X		2.000
Cadmium, mg/l	0.001	X		0.005
Chromium, mg/l	0.020	X		0.100
Cyanide, mg/l	0.050	X		0.200
Fluoride, mg/l	0.100		0.070	4.000
Iron, mg/l	0.060	X		0.300
Manganese, mg/l	0.010	X		0.050
Mercury, mg/l	0.0004	X		0.002
Nickel, mg/l	0.100	X		N/A
Selenium, mg/l	0.010	X		0.050
Sodium, mg/l	1.000		23.700	N/A
Sulfate, mg/l	15.000	X		250.0
Antimony, mg/l	0.003	X		0.006
Beryllium, mg/l	0.002	X		0.004
Thallium, mg/l	0.001	X		0.002
pH, units	N/A	N/A	7.40	6.50 - 8.50

Tested every three years

# NITRATE ANALYSIS

September 2023

Name	Required Reporting Limit (R.L.L.)	<u>NOT</u> Detected Above the R.R.L.	Allowable Limits
Nitrate, mg/l	<1.0 mg/l	X	10.0 mg/l

Tested yearly

## RADIOLOGICAL ANALYSIS (Uranium)

June 2020

Name	Required Reporting Limit (RRL)	NOT Detected (i.e. < RRL) (X)	Quantified Results	Allowable Limit
Uranium	0.67 pCi/L	X		20.1 pCi/L

Tested every nine years.

## PESTICIDES & SYNTHETIC ORGANIC CHEMICALS

December 2023

Contaminant	Required Reporting Limit (RRL)	Not Detected Above RRL (x)	Quantified Results	Allowable Limits
Endrin	0.00001	X		0.002
Lindane	0.00002	X		0.0002
Methoxychlor	0.0001	X		0.04
Toxaphene	0.001	X		0.003
Dalapon	0.001	X		0.2
Di-2(ethylhexyl)adipate	0.0006	X		0.4
Oxamyl(vydate)	0.002	X		0.2
Simazine	0.00007	X		0.004
Di(2-ethylhexyl)phthalate	0.00132	X		0.006
Picloram	0.0001	X		0.5
Dinoseb	0.0002	X		0.007
Hexachlorocyclopentadiene	0.0001	X		0.05
Carbofuran	0.0009	X		0.04
Atrazine	0.0001	X		0.003
Alachlor	0.0002	X		0.002
Heptachlor	0.00004	X		0.0004
Heptachlor Epoxide	0.00002	X		0.0002
2,4-D	0.0001	X		0.07
2,4,5-TP (Silvex)	0.0002	X		0.05
Hexachlorobenzene	0.0001	X		0.001
Benzo(a)pyrene	0.00002	X		0.0002
Pentachlorophenol	0.00004	X		0.001
PCB's	0.0001	X		0.0005
DBCP	0.00002	X		0.0002
Ethylene Dibromide (EDB)	0.00001	X		0.00005
Chlordane	0.0002	X		0.002

Tested every three years

## VOLATILE ORGANIC CHEMICALS ANALYSIS

September 2023

Contaminant	Required Reporting Limit (RRL) (mg/L)	Not Detected (x)	Quantified Results	Allowable Limits (mg/L)
1,2,4-Trichlorobenzene, mg/l	0.0005	X		0.07
Cis-1,2-Dichloroethylene, mg/l	0.0005	X		0.07
Xylenes (Total), mg/l	0.0005	X		10.00
Dichloromethane, mg/l	0.0005	X		0.005
o-Dichlorobenzene, mg/l	0.0005	X		0.600
p-Dichlorobenzene, mg/l	0.0005	X		0.075
Vinyl Chloride, mg/l	0.0005	X		0.002
1,1-Dichloroethylene, mg/l	0.0005	X		0.007
Trans-1,2-Dichloroethylene, mg/l	0.0005	X		0.100
1,2-Dichloroethane, mg/l	0.0005	X		0.005
1,1,1-Trichloroethane, mg/l	0.0005	X		0.200
Carbon Tetrachloride, mg/l	0.0005	X		0.005
1,2-Dichloropropane, mg/l	0.0005	X		0.005
Trichloroethylene, mg/l	0.0005	X		0.005
1,1,2-Trichloroethane, mg/l	0.0005	X		0.005
Tetrachloroethylene, mg/l	0.0005	X		0.005
Chlorobenzene, mg/l	0.0005	X		0.100
Benzene, mg/l	0.0005	X		0.005
Toluene, mg/l	0.0005	X		1.000
Ethylbenzene, mg/l	0.0005	X		0.700
Styrene, mg/l	0.0005	X		0.100

Tested every three years