

# STUMPY POINT WATER PLANT

## *WATER QUALITY & CONTAMINANTS ANALYSES*

# LEAD & COPPER ANALYSES

**August 2023**

LEAD – 90<sup>th</sup> Percentile: 0 ppb (15 ppb max)

COPPER – 90<sup>th</sup> Percentile: 0 ppb (1300 ppb max)

*Test run every three years*

# INORGANIC CHEMICAL ANALYSIS

August 2023

Name	Required Reporting Limit (RRL)	NOT Detected Above RRL	Quantified Results	Allowable Limits
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		0.800	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		19.80	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		7.60	6.50-8.50

*Test run every three years*

# NITRATE ANALYSIS

**August 2023**

<b>Name</b>	<b>Required Reporting Limit (R.R.L.)</b>	<b><u>NOT</u> Detected Above R.R.L. (X)</b>	<b>Allowable Limits</b>
Nitrate, mg/l	1.00 mg/l	X	10.00 mg/l

*Test run every year*

## RADIOLOGICAL ANALYSIS

May 2015

Name	Required Reporting Limit (RRL)	NOT Detected (i.e. < RRL) (X)	Quantified Results	Allowable Limit
Gross Alpha	3.00 pCi/L	X		15.00 pCi/L
Uranium	0.67 pCi/L	X		20.10 pCi/L
Radium 226	1.00 pCi/L	X		3.00 pCi/L
Radium 228	1.00 pCi/L	X		2.00 pCi/L

*Test is run every nine years, except for Uranium, which is tested every six years.*

## PESTICIDES AND SYNTHETIC ORGANIC CHEMICALS

October 2023

Contaminant	Required Reporting Limits (RRL)	NOT Detected Above RRL (X)	Quantified Results	Allowable Limits
Endrin, mg/l	0.00001	X		0.002
Lindane	0.00002	X		0.0002
Methoxychlor, mg/l	0.0001	X		0.04
Toxaphene, mg/l	0.001	X		0.003
Dalapon, mg/l	0.001	X		0.20
Di(2-ethylhexyl)adipate, mg/l	0.0006	X		0.40
Oxamyl (vydate), mg/l	0.002	X		0.20
Simazine, mg/l	0.00007	X		0.004
Picloram, mg/l	0.0001	X		0.500
Dinoseb, mg/l	0.0002	X		0.007
Hexachlorocyclopentadiene, mg/l	0.0001	X		0.050
Carbofuran, mg/l	0.0009	X		0.040
Atrazine, mg/l	0.0001	X		0.003
Alachlor, mg/l	0.0002	X		0.002
Heptachlor, mg/l	0.00004	X		0.0004
Heptachlor Epoxide, mg/l	0.00002	X		0.0002
2,4-D, mg/l	0.0001	X		0.07
2,4,5-TP (Silvex), mg/l	0.0002	X		0.05
Hexachlorobenzene, mg/l	0.0001	X		0.001
Di(2-ethylhexyl)phthalate, mg/l	0.00132	X		0.006
Benzo(a)pyrene, mg/l	0.00002	X		0.0002
Pentachlorophenol, mg/l	0.00004	X		0.001
PCB's (as decachlorobiphenol), mg/l	0.0001	X		0.0005
DBCP, mg/l	0.00002	X		0.0002
Ethylene Dibromide (EDB), mg/l	0.00001	X		0.00005
Chlordane, mg/l	0.0002	X		0.002

*Test run every three years*

## VOLATILE ORGANIC CHEMICAL ANALYSIS (VOCs)

January 2023

Contaminant	Required Reporting Limit (RRL)	Not Detected Above RRL (X)	Quantified Results	Allowable Limits
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
Sytrene, mg/l	0.0005	X		0.100

*Test run every three years*

## TTHM/HAA<sub>5</sub> ANALYSES

**July 2023**

<b>Contaminant</b>	<b>Required Reporting Limit (R.R.L.)</b>	<b>Not Detected Above RRL (X)</b>	<b>Quantified Results</b>	<b>Allowable Limit</b>
Total Trihalomethanes (TTHM)	0.0010 mg/l		0.033 mg/l	0.080 mg/l
Total Haloacetic Acids (HAA <sub>5</sub> )	0.0020 mg/l		0.018 mg/l	0.060 mg/l

*Test run every year*