

JOSEPH “MAC” MIDGETT WATER PLANT

Water Quality & Contaminants Analyses

LEAD & COPPER ANALYSES

June 24, 2021

LEAD

System 90th Percentile Level: *Not detected* (15 ppb max level)

COPPER

System 90th Percentile Level: 0.237 (1300 ppb max level)

Test is run every three years

INORGANIC CHEMICAL ANALYSIS

May 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		0.0710	4.000
Iron, mg/l	0.060	X		0.300
Manganese, mg/l	0.010	X		0.050
Mercury, mg/l	0.0004	X		0.0020
Nickel, mg/l	0.100	X		N/A
Selenium, mg/l	0.010	X		0.050
Sodium, mg/l	1.0		43.0	N/A
Sulfate, mg/l	15.0	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		6.8	N/A

Test is run every three years

NITRATE ANALYSIS

May 2023

Name	Required Reporting Limit (R.R.L.)	Quantified Results	Allowable Limits
Nitrate, mg/l	1.00	Not detected	10.00

Test is run annually

RADIOLOGICAL ANALYSIS

May 2016

Name	Required Reporting Limit (RRL)	Not Detected (i.e. RRL)	Limit
Gross Alpha (pCi/l)	3pCi/L	X	15

Test is run every nine years

VOLATILE ORGANIC CHEMICAL ANALYSIS

July 2021

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

Test is every three years

PESTICIDES AND SYNTHETIC ORGANIC CHEMICALS ANALYSIS

May 2022

Contaminant	Required Reporting Limit (mg/L) (R.R.L.)	Not Detected Above RRL (X)	Quantified Results	Allowable Limits
Endrin	0.00001	X		0.002
BHC-Gamma	0.00002	X		0.00002
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			0.2
Simazine	0.00007	X		0.004
Picloram	0.0001	X		0.5
Dinoseb	0.0002	X		0.007
Hexachlorocyclopentadiene	0.0001	X		0.05
Carbofuran	0.0009			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
Di(2-ethylhexyl)phtalate	0.00132	X		0.006
Benzo(a)pyrene	0.00002	X		0.0002
Pentachlorophenol	0.00004	X		0.001
Total Polychlorinated Biphenyls (PCB)	0.0001	X		0.0005
1,2-Dibromo-3-chloropropane (DBCP)	0.00002	X		0.0002
Ethylene Dibromide (EDB)	0.00001	X		0.00005
Chlordane	0.0002	X		0.002

Test is run every three years

TTHM/HAA5 – Stage 2 - Disinfection Byproducts Analyses

July 2023

Sample #01 - TTHM

Contaminant	Required Reporting Limit (R.R.L.)	Quantified Results	Allowable Limit
Total Trihalomethanes	0.0010	0.0206	0.080
Chlordibromomethane	0.0010	0.0095	0.080
Bromodichloromethane	0.0010	0.0051	0.080
Bromoform	0.0010	0.0042	0.080
Chloroform	0.0010	0.0018	0.080

Sample #02 – HAA5

Contaminant	Required Reporting Limit (R.R.L.)	Quantified Results	Allowable Limit
Total Haloacetic Acids	0.0020	0.0223	0.060
Dibromoacetic Acid	0.0010	0.0223	0.060
Monobromoacetic Acid (MBAA)	0.0010	Non detect	0.060
Trichloroacetic	0.0010	Non detect	0.060
Dichloroacetic Acid	0.0010	Non detect	0.060
Monochloroacetic Acid	0.0020	Non detect	0.060