



COMPREHENSIVE WATER ANALYSIS 2025

<u>PARAMETER</u>	<u>YWC Sample</u>	<u>EPA/DEP DRINKING WATER STANDARDS</u>
<b>Primary Inorganics (Results in PPM)<sup>1</sup></b>		
Antimony	N.D.	0.006
Arsenic	N.D.	0.010
Asbestos	N.D.	< 7mf/L
Barium	0.019	2.00
Beryllium	N.D.	0.004
Cadmium	N.D.	0.005
Chromium	N.D.	0.100
Cyanide (total)	0.099	0.200
Fluoride	N.D.	2.00
Mercury	N.D.	0.002
Nickel	N.D.	0.100
Nitrate Nitrogen	3.45	10.00
Nitrite Nitrogen	N.D.	1.00
Total Nitrate & Nitrite	3.45	10.00
Selenium	N.D.	0.050
Thallium	N.D.	0.002
Turbidity	0.022	0.300
<b>Herbicides/Pesticides/SOC's (Results in PPM)<sup>1</sup></b>		
Alachlor	N.D.	0.002
Atrazine	0.00021	0.003
Benzo (a) Pyrene	N.D.	0.0002
Carbofuran	N.D.	0.040
Chlordane	N.D.	0.002
Dalapon	N.D.	0.200
Dibromochloropropane (DBCP)	N.D.	0.0002
Di (2-Ethylhexyl) Adipate	N.D.	0.400
Di (2-Ethylhexyl) Phthalate	N.D.	0.006
Dioxin	N.D.	0.00000003
Dinoseb	N.D.	0.007
Diquat	N.D.	0.020
Endothall	N.D.	0.100
Endrin	N.D.	0.002
Ethylene Dibromide (EDB)	N.D.	0.00005
Glyphosphate	N.D.	0.700
Heptachlor	N.D.	0.0004
Heptachlor Epoxide	N.D.	0.0002
Hexachlorobenzene	N.D.	0.001
Hexachlorocyclopentadiene	N.D.	0.050
Lindane	N.D.	0.0002
Methoxychlor	N.D.	0.040
Oxymal	N.D.	0.200
PCB's	N.D.	0.0005
Pentachlorophenol	N.D.	0.001
Picloreem	N.D.	0.500
Simazine	N.D.	0.004
Toxaphene	N.D.	0.003
2,4-D	N.D.	0.070
2,4,5TP (Silvex)	N.D.	0.050

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>WATER STANDARDS</u>
<b>Haloacetic Acids (Results in PPB)<sup>2</sup></b>		
First Quarter 2015	13.80	60
Second Quarter 2015	39.40	60
Third Quarter 2015	33.13	60
Fourth Quarter 2014	30.10	60

<b>Total Trihalomethanes (Results in PPB)<sup>2</sup></b>		
First Quarter 2015	16.28	80
Second Quarter 2015	47.26	80
Third Quarter 2015	52.79	80
Fourth Quarter 2014	31.95	80

<b>Radiological Characteristics (Results in PCi/L)<sup>3</sup></b>		
Gross Alpha	N.D.	<15.0
Gross Beta	N.D.	<50.0
Radium-226	N.D.	<5.0
Radium-228	N.D.	<5.0
Uranium	N.D.	<30.0

<b>Microbiological (Results in units)</b>		
Coliform Bacteria (% of positive samp.	<0.1%	5.00%
Number of Acute Violations	0	0

<b>Regulated Volatile Organic Chemicals (Results in PPM)<sup>1</sup></b>		
Benzene	<0.0005	0.005
Carbon Tetrachloride	<0.0005	0.005
Chlorobenzene	<0.0005	0.100
1,2-Dichloroethane	<0.0005	0.005
o-Dichlorobenzene	<0.0005	0.600
p-Dichlorobenzene	<0.0005	0.075
1,1-Dichloroethylene	<0.0005	0.007
cis-1,2-Dichloroethylene	<0.0005	0.070
trans-1,2-Dichloroethylene	<0.0005	0.100
Dichloromethane	<0.0005	0.005
1,2-Dichloropropane	<0.0005	0.005
Ethyl benzene	<0.0005	0.700
Styrene	<0.0005	0.100
Tetrachloroethylene	<0.0005	0.005
Toluene	<0.0005	1.000
1,2,4-Trichlorobenzene	<0.0005	0.070
1,1,1-Trichloroethane	<0.0005	0.200
1,1,2-Trichloroethane	<0.0005	0.005
Trichloroethylene	<0.0005	0.005
Vinyl Chloride	<0.0005	0.002
Xylenes (Total)	<0.0005	10.000

<u>PARAMETER</u>	<u>SAMPLE</u>	<u>WATER STANDARDS</u>
<b>UCMR5 Unregulated Contaminant Monitoring (Results in PPB)<sup>2</sup></b>		
Lithium	<9.00	9.00
11Cl-PF3OUdS	<0.0050	*
4:2FTS	<0.0030	*

6:2FTS	<0.0050	*
8:2FTS	<0.0050	*
9Cl-PF3ONS	<0.0020	*
ADONA	<0.0030	*
HFPO-DA	<0.0050	*
NFDHA	<0.0200	*
PFBA	<0.0050	*
PFBS	<0.0030	*
PFDA	<0.0030	*
PFDoA	<0.0030	*
PFEESA	<0.0030	*
PFHpA	<0.0030	*
PFHpS	<0.0030	*
PFHxA	<0.0030	*
PFHxS	<0.0030	*
PFMBA	<0.0030	*
PFMPA	<0.0040	*
PFNA	<0.0040	*
PFOA	<0.0040	*
PFOS	<0.0040	*
PFPeA	<0.0030	*
PFPeS	<0.0040	*
PFUnA	<0.0020	*
NEtFOSAA	<0.0050	*
NMeFOSAA	<0.0060	*
PFTA	<0.0080	*
PFTrDA	<0.0070	*

**Secondary Inorganics (Results in PPM)<sup>1</sup>**

Alkalinity	45	*
Aluminum	0.038	0.05 – 0.20
Calcium	29.5	*
Chloride	34.7	250.00
Conductivity	309.5	*
Color	0	15.00
Copper (customer tap)	0.042 (90th percentile) <sup>4</sup>	1.30
Copper (distribution system)	N.D.	1.00
Corrosivity (Langlier Index)	0.1	*
Hardness	96	*
Total Iron	0.041	0.300
Lead (distribution system)	N.D.	0.005
Lead (customer tap)	0.003 (90th percentile) <sup>4</sup>	0.015
Magnesium	7.25	*
Manganese	0.03	0.05
Total Phosphorus	N.D.	*
pH Value	8.5	7.4 - 8.6
Silver	N.D.	0.1
Sodium	20.0	*
Sulfate	32.6	250.00
Foaming Agents (MBAS)	N.D.	0.50
Total Dissolved Solids	198.08	500.00
Zinc	N.D.	5.00

> Greater than

< Less than

N.D. Not detected

\* No EPA/DEP Standard at present time

<sup>1</sup> Part per million = 1 milligram per liter

<sup>2</sup> Part per billion = 1 microgram per liter

<sup>3</sup> Part per trillion = 1 picocurie per liter

<sup>4</sup> Action level = 90% of tier 1 tap samples must meet the stated action levels for lead and copper.

~ Lead 0.015 mg/L at customer tap after minimum 6 hr. residence.

~ Copper 1.300 mg/L at customer tap after minimum 6 hr. residence.

~ Lead 0.005 mg/L in distribution system.

<sup>5</sup> Based on 1,460 distribution tap samples collected during 2025.

(DEP requires minimum 1,440).