



## ARTESIAN WATER

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**ESTABLISHED  
16,000 BC**

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## WATER QUALITY REPORT

While it's true that all water has two hydrogen molecules for every oxygen molecule, the equality ends right there. It's the rest of what you find in the water that makes it what it is. And the makeup of Oakley Artesian Water is unlike anything else you'll find. But that's not surprising, since after all, our water is elegantly ancient.

## SO WHAT IS WATER QUALITY AND HOW IS IT MEASURED?"

Water quality is determined by measuring several aspects within the water, such as the concentration of dissolved oxygen, bacteria levels, amounts of salinity, and turbidity (the amount of solid material suspended in the water). Concentrations of microscopic algae, pesticides, herbicides, heavy metals, and other contaminants are also measured and considered to determine overall water quality.

We're proud to say, the quality level of Oakley Artesian Water is right at the top of the scale in virtually every category. Take a minute and have a closer look at our impressive quality report. This is one report card that we'd all be proud to take home to Mom!





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Substance	Sample Result	Minimum Reporting Limit	Units	Method
<b>Inorganics</b>				
Alkalinity - Bicarbonate (HCO <sub>3</sub> )	215	1.0	mg/L	SM 2320 B
Alkalinity - Carbonate (CO <sub>3</sub> )	ND	1.0	mg/L	SM 2320 B
Alkalinity - CO <sub>2</sub>	157	1.0	mg/L	SM 2320 B
Alkalinity - Hydroxide (OH)	ND	1.0	mg/L	SM 2320 B
Alkalinity - Total (as CaCO <sub>3</sub> )	177	1.0	mg/L	SM 2320 B
Ammonia as N	ND	0.2	mg/L	SM 4500 NH <sub>3</sub> -D
Chloride	ND	1	mg/L	EPA 300.0
Color	5	0	Color Units	EPA 110.2
Conductivity	378	1	umho/cm	EPA 120.1
Cyanide, Free	ND	0.02	mg/L	SM 4500 CN-E
Fluoride	1.2	0.1	mg/L	EPA 300.0
MBAS Surfactants	ND	0.08	mg/L	SM 5540 C
Nitrate as N	ND	0.1	mg/L	EPA 300.0
Nitrite as N	ND	0.1	mg/L	EPA 300.0
Odor	ND	0	0 - 5 Scale	SM 2150 B
pH	8.1	0.1	pH Units	SM 4500 H-B
Phenols, Total	ND	0.002	mg/L	EPA 420.1
Phosphate, ortho as P	ND	0.01	mg/L	SM 4500 P-E
Sulfate	18	1	mg/L	EPA 300.0
Total Dissolved Solids (TDS)	204	5	mg/L	SM 2540 C
Turbidity	0.03	0.02	NTU	EPA 180.1

<b>Metals</b>				
Aluminum, Total	ND	0.05	mg/L	EPA 200.7
Antimony, Total	ND	0.0005	mg/L	EPA 200.8
Arsenic, Total	0.0007	0.0005	mg/L	EPA 200.8
Boron, Total	ND	0.05	mg/L	EPA 200.7
Barium, Total	0.105	0.005	mg/L	EPA 200.7
Beryllium, Total	ND	0.001	mg/L	EPA 200.7
Calcium, Total	41.1	0.2	mg/L	EPA 200.7
Cadmium, Total	ND	0.0002	mg/L	EPA 200.8
Chromium, Total	ND	0.005	mg/L	EPA 200.7
Copper, Total	0.400	0.0010	mg/L	EPA 200.8
Iron, Total	ND	0.02	mg/L	EPA 200.7
Lead, Total	ND	0.0005	mg/L	EPA 200.8
Mercury, Total	ND	0.0002	mg/L	EPA 200.8
Magnesium, Total	19.9	0.2	mg/L	EPA 200.7
Manganese, Total	ND	0.005	mg/L	EPA 200.7
Nickel, Total	ND	0.005	mg/L	EPA 200.7
Potassium, Total	1.0	0.5	mg/L	EPA 200.7
Selenium, Total	0.0008	0.0005	mg/L	EPA 200.8
Silver, Total	ND	0.0005	mg/L	EPA 200.8
Silica, (as SiO <sub>2</sub> ) Total	10.0	0.1	mg/L	EPA 200.7
Sodium, Total	2.6	0.5	mg/L	EPA 200.7
Thallium, Total	ND	0.0002	mg/L	EPA 200.8
Zinc, Total	0.53	0.01	mg/L	EPA 200.7

<b>Radiochemistry</b>				
Gross Alpha	1.3	15	pCi/L	EPA 900.0
Gross Beta	ND		pCi/L	EPA 900.0
Radium - 226	0.77	5	pCi/L	EPA 903.1
Radium - 228	1.7		pCi/L	EPA 904.0

<b>Carbamates</b>				
3-Hydroxycarbofuran	ND	1.0	ug/L	EPA 531.1
Aldicarb	ND	1.0	ug/L	EPA 531.1
Aldicarb sulfone	ND	1.0	ug/L	EPA 531.1
Aldicarb sulfoxide	ND	1.0	ug/L	EPA 531.1
Carbaryl	ND	1.0	ug/L	EPA 531.1
Carbofuran	ND	1.0	ug/L	EPA 531.1
Methomyl	ND	1.0	ug/L	EPA 531.1
Oxamyl	ND	1.0	ug/L	EPA 531.1





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<b>Herbicides</b>				
2,4,5-TP (Silvex)	ND	0.440	ug/L	EPA 515.2
2,4-D	ND	0.220	ug/L	EPA 515.2
Dalapon	ND	2.20	ug/L	EPA 515.2
Dicamba	ND	1.00	ug/L	EPA 515.2
Dinoseb	ND	0.440	ug/L	EPA 515.2
Pentachlorophenol	ND	0.088	ug/L	EPA 515.2
Picloram	ND	0.220	ug/L	EPA 515.2

<b>Pesticides</b>				
Endrin	ND	0.022	ug/L	EPA 508.1
Heptachlor	ND	0.088	ug/L	EPA 508.1
Heptachlor epoxide	ND	0.044	ug/L	EPA 508.1
Lindane	ND	0.044	ug/L	EPA 508.1
Methoxychlor	ND	0.22	ug/L	EPA 508.1
PCB-1016	ND	0.20	ug/L	EPA 508.1
PCB-1221	ND	0.20	ug/L	EPA 508.1
PCB-1232	ND	0.20	ug/L	EPA 508.1
PCB-1242	ND	0.50	ug/L	EPA 508.1
PCB-1248	ND	0.50	ug/L	EPA 508.1
PCB-1254	ND	0.50	ug/L	EPA 508.1
PCB-1260	ND	0.50	ug/L	EPA 508.1
PCB - Total	ND	0.50	ug/L	EPA 508.1
Toxaphene	ND	2.2	ug/L	EPA 508.1

<b>Semi-Volatile Compounds</b>				
Alachlor	ND	0.44	ug/L	EPA 525.2
Aldrin	ND	2.00	ug/L	EPA 525.2
Atrazine	ND	0.22	ug/L	EPA 525.2
Benzo (a) pyrene	ND	0.04	ug/L	EPA 525.2
Bis(2-ethylhexyl) adipate	ND	1.30	ug/L	EPA 525.2
Bis (2-ethylhexyl) Phthalate	ND	1.30	ug/L	EPA 525.2
Butachlor	ND	0.50	ug/L	EPA 525.2
alpha-Chlordane	ND	0.44	ug/L	EPA 525.2
gamma-Chlordane	ND	0.44	ug/L	EPA 525.2
Chlordane - Total	ND	0.44	ug/L	EPA 525.2
Dieldrin	ND	1.00	ug/L	EPA 525.2
Hexachlorobenzene	ND	0.22	ug/L	EPA 525.2
Hexachlorocyclopentadiene	ND	0.22	ug/L	EPA 525.2
Metolachlor	ND	0.50	ug/L	EPA 525.2
Metribuzin	ND	0.50	ug/L	EPA 525.2
Propachlor	ND	0.50	ug/L	EPA 525.2
Simazine	ND	0.15	ug/L	EPA 525.2

<b>Volatile Organic Compounds</b>				
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	EPA 524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	EPA 524.2
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	EPA 524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	EPA 524.2
1,1,2-Trichlorotrifluoroethane	ND	1.0	ug/L	EPA 524.2
1,1-Dichloroethane	ND	1.0	ug/L	EPA 524.2
1,1-Dichloroethene	ND	0.5	ug/L	EPA 524.2
1,1-Dichloropropene	ND	0.5	ug/L	EPA 524.2
1,2,3-Trichlorobenzene	ND	1.0	ug/L	EPA 524.2
1,2,3-Trichloropropane	ND	1.0	ug/L	EPA 524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	EPA 524.2
1,2,4-Trimethylbenzene	ND	1.0	ug/L	EPA 524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	EPA 524.2
1,2-Dichloroethane	ND	0.5	ug/L	EPA 524.2
1,2-Dichloropropane	ND	0.5	ug/L	EPA 524.2
1,3,5-Trimethylbenzene	ND	1.0	ug/L	EPA 524.2
1,3-Dichlorobenzene	ND	1.0	ug/L	EPA 524.2
1,3-Dichloropropane	ND	0.5	ug/L	EPA 524.2





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<b>Volatile Organic Compounds</b>				
1,4-Dichlorobenzene	ND	0.5	ug/L	EPA 524.2
2,2-Dichloropropane	ND	0.5	ug/L	EPA 524.2
2-Chlorotoluene	ND	1.0	ug/L	EPA 524.2
4-Chlorotoluene	ND	1.0	ug/L	EPA 524.2
Benzene	ND	0.5	ug/L	EPA 524.2
Bromobenzene	ND	1.0	ug/L	EPA 524.2
Bromochloromethane	ND	1.0	ug/L	EPA 524.2
Bromodichloromethane	ND	0.5	ug/L	EPA 524.2
Bromoform	ND	0.5	ug/L	EPA 524.2
Bromomethane	ND	1.0	ug/L	EPA 524.2
Carbon Tetrachloride	ND	1.0	ug/L	EPA 524.2
Chlorobenzene	ND	0.5	ug/L	EPA 524.2
Chloroethane	ND	1.0	ug/L	EPA 524.2
Chloroform	ND	0.5	ug/L	EPA 524.2
Chloromethane	ND	1.0	ug/L	EPA 524.2
cis-1,2-Dichloroethene	ND	1.0	ug/L	EPA 524.2
cis-1,3-Dichloropropene	ND	1.0	ug/L	EPA 524.2
Dibromochloromethane	ND	0.5	ug/L	EPA 524.2
Dibromomethane	ND	1.0	ug/L	EPA 524.2
Dichlorodifluoromethane	ND	1.0	ug/L	EPA 524.2
Ethyl Benzene	ND	0.5	ug/L	EPA 524.2
Hexachlorobutadiene	ND	1.0	ug/L	EPA 524.2
Isopropylbenzene	ND	1.0	ug/L	EPA 524.2
Methyl tert-Butyl Ether (MTBE)	ND	1.0	ug/L	EPA 524.2
Methylene Chloride	ND	1.0	ug/L	EPA 524.2
Naphthalene	ND	1.0	ug/L	EPA 524.2
n-Butyl Benzene	ND	1.0	ug/L	EPA 524.2
n-Propyl Benzene	ND	1.0	ug/L	EPA 524.2
p-Isopropyltoluene	ND	1.0	ug/L	EPA 524.2
sec-Butyl Benzene	ND	1.0	ug/L	EPA 524.2
Styrene	ND	0.5	ug/L	EPA 524.2
tert-Butylbenzene	ND	1.0	ug/L	EPA 524.2
Tetrachloroethene	ND	0.5	ug/L	EPA 524.2
Toluene	ND	0.5	ug/L	EPA 524.2
trans-1,2-Dichloroethene	ND	0.5	ug/L	EPA 524.2
trans-1,3-Dichloropropene	ND	1.0	ug/L	EPA 524.2
Trichloroethene	ND	0.5	ug/L	EPA 524.2
Trichlorofluoromethane	ND	1.0	ug/L	EPA 524.2
Vinyl Chloride	ND	0.5	ug/L	EPA 524.2
Xylenes, total	ND	0.5	ug/L	EPA 524.2

#### Asbestos

Asbestos	ND	0.17	MFL	600/100.1
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#### Miscellaneous Organics

Diquat	ND	0.9	ug/L	EPA 549.2
Endothall	ND	20.0	ug/L	EPA 548
Glyphosate	ND	13.0	ug/L	EPA 547

#### EDB/DBCP

Ethylene dibromide (EDB)	ND	0.022	ug/L	EPA 504.1
Dibromochloropropane (DBCP)	ND	0.044	ug/L	EPA 504.1

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Date of report 11/30/2012

