

**KENT COUNTY WATER AUTHORITY  
TAP WATER CHARACTERISTICS  
Mishnock Ultrafiltration Facility**

PARAMETER	RESULT	MCL
pH	8.34	s.u.
Temperature Range	10.6 - 12.4	C
Total Alkalinity	18	mg/l
Color	ND	PtCo
Chlorides	91.9	mg/l
Hardness (Total)	31.4	mg/l
Turbidity	0.03	NTU
Free Residual Chlorine	0.65	mg/l
Taste/Odor	< 2.0	ng/l
Conductivity	378	uS/cm
Ortho-Phosphate - PO4	ND	mg/l
Ammonia Nitrogen	ND	mg/l
Nitrite Nitrogen	ND	mg/l
Nitrate Nitrogen	0.75	mg/l
Total Dissolved Solids	218	mg/l
Volatile Dissolved Solids	26	mg/l
Silica	15.2	mg/l
Sulfate	11.6	mg/l
Aluminum	0.014	mg/l
Antimony	ND	mg/l
Arsenic	0.0004	mg/l
Barium	0.004	mg/l
Beryllium	ND	mg/l
Cadmium	ND	mg/l
Calcium	10	mg/l
Chromium	ND	mg/l
Copper	ND	mg/l
Cyanide	ND	mg/l
Fluoride	0.161	mg/l

PARAMETER	RESULT	MCL
Iron	ND	mg/l
Lead	ND	mg/l
Magnesium	1.57	mg/l
Manganese	ND	mg/l
Mercury	ND	mg/l
Thallium	ND	mg/l
Nickel	ND	mg/l
Phenolic Compounds	ND	mg/l
Potassium	7.81	mg/l
Selenium	ND	mg/l
Silver	0.002	mg/l
Sodium	58.2	mg/l
VOCs 524.2	ND	ug/l
SOCs 525.2	ND	ug/l
Pesticides 505	ND	ug/l
Pesticides 504	ND	ug/l
Carbamates 531.2	ND	ug/l
Herbicides 515.3	ND	ug/l
PCBs	ND	ug/l
Radium (combined 226/228)	< 0.72	pCi/L
Gross Alpha emitters	ND	pCi/L
Total Organic Carbon	1.74	mg/l
Total Trihalomethanes LRAA*	55	ug/l
Haloacetic Acids LRAA*	21	ug/l
Coliform Bacteria/100 ml	ND	cfu
Heterotrophic Bacteria/ ml	< 1	cfu
Giardia Lamblia	ND	cysts
Cryptosporidium	ND	cysts
Zinc	0.0101	mg/l

\* Highest Quarterly Locational Running Annual Average.

**Key:**

s.u. = Standard Units  
mg/l = Milligrams / liter  
MCL = Max. cont. level

PtCo = Plantinum Cobalt Units  
ND = None Detected  
ug/l = Micrograms per liter

ntu = Nephelometric Turbidity Units  
cfu = Colony Forming Units  
uS/cm = Microsiemens per centimeter