SUMMARY OF WATER QUALITY REPORT
October 2026

Summary Statement

To West Des Moines Water Works, the quality of water provided to its customers is of vital importance. Therefore, monitoring is conducted at least as often as required by rules of the U.S. Environmental Protection Agency and the Iowa Department of Natural Resources. For many substances, West Des Moines Water Works voluntarily monitors more frequently than is required by the governmental rules.

All U.S. Environmental Protection Agency and the Iowa Department of Natural Resources requirements are being met at this time.

For a complete list of all sampling results, please contact the West Des Moines Water Works Treatment Plant at (515) 222-3465.

New Test Results Received Since the Last Report

Water samples received during this month met or exceeded water quality standards.

Prepared by:

Gary Eshelman
Water Production Manger

WEST DES MOINES WATER WORKS
November 4, 2026

Oct-26

SUBSTANCES FREQUENTLY MONITORED BY
WEST DES MOINES WATER WORKS
RAW WATER (BEFORE TREATMENT)

Substance	Test Frequency	Monthly Maximum	Monthly Average	Monthly Minimum	Year to Date Average
pH (pH units)	1/day	7.50	7.39	7.28	7.39
Temperature	1/day	21.0 °C	20.3 °C	19.8 °C	20.3 °C
Total Alkalinity/CaCO3	1/day	284	276	262	277
Total Hardness	1/day	376 mg/l	343 mg/l	290 mg/l	346 mg/l
Calcium Hardness	1/day	294 mg/l	244 mg/l	158 mg/l	237 mg/l
Magnesium Hardness	1/day	138 mg/l	99 mg/l	14 mg/l	109 mg/l
Nitrate as Nitrogen	1/week	0.215 mg/l	0.144 mg/l	0.096 mg/l	0.170 mg/l
Fluoride	1/day	1.99 mg/l	1.65 mg/l	1.33 mg/l	1.72 mg/l
Iron	1/week	0.49 mg/l	0.38 mg/l	0.25 mg/l	0.39 mg/l
Manganese	1/week	0.247 mg/l	0.225 mg/l	0.170 mg/l	0.185 mg/l
Total Dissolved Solids	1/day	683 mg/l	658 mg/l	635 mg/l	712 mg/l

AC WARD FINISHED WATER (AFTER TREATMENT)

Substance	Test Frequency	Monthly Maximum	Monthly Average	Monthly Minimum	Year to Date Average	Secondary Standard	Primary Standard or Permit Limit
Free Chlorine	6/day	1.44 mg/l	1.24 mg/l	1.08 mg/l	1.32 mg/l		
Total Chlorine	6/day	1.81 mg/l	1.37 mg/l	1.19 mg/l	1.42 mg/l		<4.00 mg/l
pH (pH units)	6/day	9.52	9.19	9.00	9.21		
Temperature	2/day	20.8 °C	20.1 °C	19.4 °C	20.9 °C		
Total Alkalinity/CaCO3	6/day	67	63	60	67		
Total Hardness	6/day	138 mg/l	133 mg/l	127 mg/l	143 mg/l		
Calcium Hardness	6/day	88 mg/l	74 mg/l	65 mg/l	76 mg/l		
Magnesium Hardness	6/day	66 mg/l	59 mg/l	46 mg/l	67 mg/l		
Fluoride	2/day	1.28 mg/l	1.08 mg/l	0.96 mg/l	1.17 mg/l	<2.00 mg/l	<4.00 mg/l
Iron	2/day	0.03 mg/l	0.01 mg/l	0.00 mg/l	0.01 mg/l	<0.30 mg/l	
Manganese	2/day	0.012 mg/l	0.008 mg/l	0.005 mg/l	0.009 mg/l	<0.05 mg/l	
Total Dissolved Solids	2/day	542 mg/l	522 mg/l	504 mg/l	583 mg/l	<500 mg/l	
Phosphate PO_4	1/day	0.63 mg/l	0.48 mg/l	0.34 mg/l	0.48 mg/l		
Sulfate	1/day	338 mg/l	290 mg/l	254 mg/l	333 mg/l	<250 mg/l	

Secondary Standards are recommendations for aesthetic qualities such as taste, odor, or color of drinking water.
Primary Standards are legally enforceable and health-based standards that apply to public water systems.

Prepared by West Des Moines Water Works Gary Eshelman 11-4-26

Gary Eshelman
Water Production Manager