

**CEDAR RAPIDS WATER DEPARTMENT  
FINISHED WATER SUMMARY**

**J AVENUE WATER PLANT**

Month	pH S.U.	Temp ° F	Hardness mg/L (as CaCO <sub>3</sub> )				ALKALINITY mg/L (as CaCO <sub>3</sub> )		Total Chlorine mg/L	Fluoride mg/L	Coliform Bacteria CFU/100 mL	Nitrate mg/L as N	Nitrite mg/L as N	Ammonia mg/L as N	Phosphate - ortho mg/L as PO <sub>4</sub>	Chloride mg/L	Sulfate mg/L	Iron mg/L	Conductivity µmhos/Cm	Turbidity NTU	Dissolved Solids mg/L
			Total	Calcium	Magnesium	Non-Carb.	Total	Phenolph.													
Feb-08	8.13	46.5	145	70	75	61	84	0	3.5	1.01	ABSENT	4.65	<0.05	0.96	0.65	37	35	<0.1	380	0.03	234
Mar-08	8.11	45.1	142	71	71	59	83	0	3.5	1.01	ABSENT	4.20	<0.05	0.85	0.64	36	32	ND	374	0.04	254
Apr-08	8.13	47.7	134	67	67	61	73	0	3.6	0.66	ABSENT	5.12	<0.05	0.80	0.63	29	28	ND	334	0.04	180
May-08	8.07	54.8	126	66	59	62	63	0	3.6	0.30	ABSENT	5.83	<0.02	0.83	0.64	27	26	ND	316	0.05	218
Jun-08	8.10	61.0	115	64	51	52	64	0	3.5	0.96	ABSENT	5.33	0.03	0.80	0.62	24	24	ND	290	0.05	182
Jul-08	8.12	66.8	116	58	59	54	62	0	3.5	0.52	ABSENT	4.35	<0.02	0.78	0.62	23	25	ND	295	0.05	188
Aug-08	8.08	69.5	116	61	55	57	59	0	3.3	0.98	ABSENT	3.46	0.03	0.80	0.67	24	30	<0.02	298	0.06	197
Sep-08	8.11	69.2	114	56	58	55	59	0	3.4	0.91	ABSENT	1.71	<0.02	0.74	0.64	27	32	ND	293	0.06	164
Oct-08	8.13	64.8	116	56	60	52	63	0	3.4	1.01	ABSENT	0.98	0.02	0.79	0.64	32	31	ND	308	0.05	166
Nov-08	8.09	61.0	119	62	56	53	66	0	3.4	0.83	ABSENT	1.05	ND	0.74	0.65	32	33	0.02	312	0.04	176
Dec-08	8.19	57.5	128	63	65	59	69	0	3.5	0.91	ABSENT	1.82	0.02	0.74	0.65	31	35	ND	327	0.04	164
Jan-09	8.21	53.9	141	62	79	68	73	0	3.5	0.79	ABSENT	2.65	0.03	0.96	0.63	33	37	<0.02	346	0.05	184
Average	8.11	58.6	124	63	61	57	68	0	3.5	0.82		3.67	0.03	0.81	0.64	29	30	<0.02	320	0.05	196

**NORTHWEST WATER PLANT**

Month	pH S.U.	Temp ° F	Hardness mg/L (as CaCO <sub>3</sub> )				ALKALINITY mg/L (as CaCO <sub>3</sub> )		Total Chlorine mg/L	Fluoride mg/L	Coliform Bacteria CFU/100 mL	Nitrate mg/L as N	Nitrite mg/L as N	Ammonia mg/L as N	Phosphate - ortho mg/L as PO <sub>4</sub>	Chloride mg/L	Sulfate mg/L	Iron mg/L	Conductivity µmhos/Cm	Turbidity NTU	Dissolved Solids mg/L
			Total	Calcium	Magnesium	Non-Carb.	Total	Phenolph.													
Feb-08	8.18	44.3	140	56	85	68	73	0	3.6	0.91	ABSENT	6.30	<0.05	0.83	0.61	40	37	<0.1	373	0.04	220
Mar-08	8.17	43.8	137	61	76	65	72	0	3.6	0.85	ABSENT	5.47	ND	0.79	0.60	38	33	ND	373	0.04	234
Apr-08	8.12	45.3	129	60	69	65	64	0	3.6	0.92	ABSENT	6.09	<0.05	0.78	0.60	28	28	ND	329	0.04	227
May-08	8.05	51.7	119	61	58	64	56	0	3.6	0.97	ABSENT	6.22	<0.02	0.77	0.63	26	25	ND	304	0.03	199
Jun-08	8.14	55.5	122	61	61	64	58	0	3.5	0.96	ABSENT	5.59	<0.02	0.78	0.66	26	25	ND	297	0.02	178
Jul-08	8.13	63.2	112	52	59	57	55	0	3.5	1.10	ABSENT	4.69	<0.02	0.71	0.63	23	24	ND	286	0.03	170
Aug-08	8.11	65.3	111	55	55	57	53	0	3.5	1.14	ABSENT	3.88	<0.02	0.71	0.66	24	28	<0.02	289	0.03	188
Sep-08	8.11	68.0	108	51	57	59	49	0	3.5	1.06	ABSENT	2.75	<0.02	0.65	0.61	27	32	ND	282	0.03	161
Oct-08	8.04	66.0	104	51	52	57	47	0	3.5	0.87	ABSENT	1.91	<0.02	0.71	0.65	29	33	ND	283	0.03	134
Nov-08	8.03	60.3	112	57	55	62	51	0	3.6	1.03	ABSENT	2.60	ND	0.65	0.64	30	35	ND	300	0.04	137
Dec-08	8.24	53.2	126	56	71	69	58	0	3.5	1.01	ABSENT	4.35	ND	0.58	0.64	30	36	ND	325	0.04	160
Jan-09	8.27	47.4	140	55	85	77	63	0	3.5	1.04	ABSENT	5.02	<0.02	0.74	0.63	33	36	<0.02	344	0.05	178
Average	8.11	56.3	119	57	63	62	58	0	3.6	0.98		4.55	<0.02	0.74	0.63	29	30	<0.02	312	0.03	185

ND = Not detected at or above method detection limit.  
Most values are averages or maximums of daily or weekly samples.