

Cimarron River at Ames



Sample Record	Biological Collections	Station ID
March 2003 - Current	Gaging Data	620910020010-004RS

Stream Data	County	Major	Request Data by Email
	Location	West of the Town of Ames on E 550 Rd	
	Latitude/Longitude	36.27979304, -98.31895336	
	Planning Watershed	Central (8-digit HUC - 11050002)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	110	17.8	18.0	-0.9/39.2	10.6/25.1	
	Turbidity (NTU)	113	45	9	1/1000	4/25	
	pH (units)	110	8.07	8.08	7.40/8.57	7.97/8.19	
	Dissolved Oxygen (mg/L)	110	10.48	10.43	5.07/21.06	8.84/11.91	
	Hardness (mg/L)	111	1034	1060	422/1990	810/1224	
Minerals	Total Dissolved Solids (mg/L)	163	10179	9435	2050/24040	6577/12710	
	Specific Conductivity (uS/cm)	110	16251	15170	3765/36987	10750/20432	
	Chloride (mg/L)	113	5321	4650	181/13700	3090/6650	21% of values>OWQS
	Sulfate (mg/L)	113	811	806	300/3210	660/914	35% of values>OWQS
Nutrients	Total Phosphorus (mg/L)	113	0.059	0.029	<0.010/0.705	0.019/0.059	
	Total Nitrogen (mg/L)	113	0.99	0.93	0.43/2.69	0.75/1.17	
	Nitrate/Nitrite (mg/L)	94	0.30	0.21	<0.05/1.12	<0.05/0.42	
	Chlorophyll A (mg/m ³)	77	16.0	11.5	1.2/64.9	6.6/21.7	TSI=57.8
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	19	236	31	<10/1203	<10/173	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	19	1233	857	20/3255	497/2203	Mean>OWQS

Beneficial Uses	Click to learn more about Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
	Fish & Wildlife Propagation		S	S	S	NS						NS	S
Aesthetics													S
Agriculture						NS		NS	NS				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					S								

S = Fully Supporting
 NS = Not Supporting
 NEI = Not Enough Information

Notes

Fish & Wildlife Propagation not supporting for Selenium