

# Deep Red Creek at Randlett



<b>Sample Record</b>	<a href="#">Biological Collections</a>	<b>Station ID</b>
January 2013 – September 2019	<a href="#">Gaging Data</a>	311310030010-001AT

<b>Stream Data</b>	County	Cotton	<a href="#">Request Data By Email</a>
	Location	North of the Town of Randlett on US Highway 277	
	Latitude/Longitude	34.220833, -98.452778	
	Planning Watershed	West Cache (8-digit HUC -11130203)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	24	18.2	18.3	4.5/29.5	12.6/26.4	
	Turbidity (NTU)	24	193	130	10/825	81/229	
	pH (units)	24	8.04	7.98	7.64/8.87	7.85/8.14	
	Dissolved Oxygen (mg/L)	24	8.07	8.34	3.60/11.65	6.41/9.41	
	Hardness (mg/L)	24	376	273	94/1090	170/483	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	36	771	360	193/2530	278/885	
	Specific Conductivity (uS/cm)	24	1652	1067	297/4149	504/2572	
	Chloride (mg/L)	26	323	185	16/992	37/489	
	Sulfate (mg/L)	26	162	98	27/448	66/217	
<b>Nutrients</b>	Total Phosphorus (mg/L)	26	0.240	0.194	0.044/0.550	0.137/0.343	
	Total Nitrogen (mg/L)	26	1.68	1.54	0.89/2.85	1.23/1.95	
	Nitrate/Nitrite (mg/L)	26	0.32	0.24	<0.05/1.22	<0.05/0.41	
	Chlorophyll A (mg/m <sup>3</sup> )	26	22.3	20.0	3.4/66.2	9.5/28.6	TSI=61.0
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	5	1396	727	687/2420	727/2420	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	5	672	148	129/2420	148/517	

<b>Beneficial Uses</b>	<a href="#">Click to learn more about Beneficial Uses</a>	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
	Fish & Wildlife Propagation		NS	S	S	S						S	S
Aesthetics													NEI
Agriculture						S		S	NS				
Primary Body Contact Recreation										NEI			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					S								
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		<b>Notes</b>											