

# North Canadian River at Shawnee



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
February 2002 – December 2012		<a href="#">Gaging Data</a>	520510000110-005AT
<b>Stream Data</b>	County	Pottawatomie	<a href="#">Request Data by Email</a>
	Location	East of the Town of Shawnee on State Highway 3E	
	Latitude/Longitude	35.410563, -96.788835	
	Planning Watershed	Central (8-digit HUC - 11100302)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	86	17.9	18.6	-0.4/34.4	10.5/25.5	
	Turbidity (NTU)	87	133	56	3/>1000	22/142	33% of values>OWQS
	pH (units)	85	8.30	8.23	7.26/9.98	7.94/8.52	
	Dissolved Oxygen (mg/L)	85	10.30	9.46	2.64/25.01	8.13/12.30	
	Hardness (mg/L)	84	260	260	116/449	210/304	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	121	559	579	157/888	473/657	14% of values>OWQS
	Specific Conductivity (uS/cm)	86	854	884	242/1387	694/1037	
	Chloride (mg/L)	85	119	127	18/181	96/149	
	Sulfate (mg/L)	84	112	107	55/266	78/127	
<b>Nutrients</b>	Total Phosphorus (mg/L)	87	0.887	0.760	0.137/2.470	0.624/1.035	
	Total Nitrogen (mg/L)	87	4.33	3.85	1.65/9.40	3.00/5.29	
	Nitrate/Nitrite (mg/L)	55	2.44	1.87	<0.05/7.79	1.12/3.45	
	Chlorophyll A (mg/m <sup>3</sup> )	51	92.3	60.9	<0.1/408.0	40.9/123.5	TSI=75.0
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	30	1674	105	<10/24192	20/475	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	30	1188	41	<10/24192	<10/138	

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

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

Notes