

## Concho River

Segment: 1421 Colorado River Basin

**Basin number:** 14  
**Basin group:** D  
**Water body description:** From a point 2 km (1.2 miles) above the confluence of Fuzzy Creek in Concho County to San Angelo Dam on the North Concho River in Tom Green County and to Nasworthy Dam on the South Concho River in Tom Green County  
**Water body classification:** Classified  
**Water body type:** Freshwater Stream  
**Water body length / area:** 69 Miles  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

<b>Standards Not Met in 2002</b>				
<b>Assessment Area</b>	<b>Use</b>	<b>Support Status</b>	<b>Parameter</b>	<b>Category</b>
Loop 306 to end of segment, including both North and South forks	Aquatic Life Use	Not Supporting	impaired macrobenthos community	5c

**Additional Information:** The contact recreation, public water supply, fish consumption, and general uses are fully supported.

<b>2002 Concerns:</b>			
<b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	chloride
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	chloride in finished drinking water
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	sulfate
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	sulfate in finished drinking water
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	total dissolved solids
1 mile below FM 380 to Loop 306	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Algal Growth Concern	Concern	excessive algal growth
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	chloride
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	chloride in finished drinking water
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	sulfate

<b>2002 Concerns:</b>  <b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	sulfate in finished drinking water
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	total dissolved solids
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	chloride
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	chloride in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	sulfate
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	sulfate in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	total dissolved solids
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	chloride
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	chloride in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	sulfate
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	sulfate in finished drinking water
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	total dissolved solids
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
Chandler Lake to Tom Green County	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	chloride
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	chloride in finished drinking water
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	sulfate
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	sulfate in finished drinking water
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	total dissolved solids
Chandler Lake to Tom Green County	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
Downstream end to Chandler Lake confluence	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	chloride

<p><b>2002 Concerns:</b></p> <p><b>Assessment Area</b></p>	<p><b>Use or Concern</b></p>	<p><b>Concern Status</b></p>	<p><b>Description of Concern</b></p>
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	chloride in finished drinking water
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	sulfate
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	sulfate in finished drinking water
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	total dissolved solids
Downstream end to Chandler Lake confluence	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
Loop 306 to end of segment, including both North and South forks	Nutrient Enrichment Concern	Concern	ammonia
Loop 306 to end of segment, including both North and South forks	Algal Growth Concern	Concern	excessive algal growth
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	chloride
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	chloride in finished drinking water
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	sulfate
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	sulfate in finished drinking water
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	total dissolved solids
Loop 306 to end of segment, including both North and South forks	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water
Tom Green County line to 1 mile upstream of FM 1692	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	chloride
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	chloride in finished drinking water
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	sulfate
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	sulfate in finished drinking water
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	total dissolved solids
Tom Green County line to 1 mile upstream of FM 1692	Public Water Supply Concern	Concern	total dissolved solids in finished drinking water

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
1 mile below FM 380 to Loop 306	12407	CONCHO RIVER AT FM380 NEAR VERIBEST
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	12404	CONCHO RIVER AT COUNTY ROAD 4.5 MI. NE OF VERIBEST
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	12406	CONCHO RIVER 50M DOWNSTREAM OF THE CONFLUENCE WITH WWTP SEEP IN UNNAMED CREEK
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	12405	CONCHO RIVER AT VERIBEST PARK
Chandler Lake to Tom Green County	12402	CONCHO RIVER AT FM381
Downstream end to Chandler Lake confluence	12401	CONCHO RIVER BRIDGE ON US83 AT PAINT ROCK
Loop 306 to end of segment, including both North and South forks	12409	CONCHO RIVER 0.4 MI. DOWNSTREAM FROM CONFLUENCE OF NORTH AND SOUTH FORKS IN SAN ANGELO
Loop 306 to end of segment, including both North and South forks	12412	NORTH CONCHO RIVER TO A POINT 20M UPSTREAM OF IRVING STREET DAM IN SAN ANGELO, TOM GREEN COUNTY, TEXAS
Tom Green County line to 1 mile upstream of FM 1692	12403	CONCHO RIVER AT FM1692 SOUTH OF MILES

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
IMS 2 Concho River	Oct. 1973	Twidwell, S.
IS 56 Concho River	July 1981	Ezell, C.