

Petronila Creek Above Tidal

Segment: 2204 Nueces-Rio Grande Coastal Basin

Basin number: 22
Basin group: E
Water body description: From a point 1 km (0.6 miles) upstream of private road crossing near Laureles Ranch in Kleberg County to the confluence of Agua Dulce and Banquete Creeks in Nueces County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 44 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
Lower 25 miles of segment	General Use	Not Supporting	chloride	5a
Lower 25 miles of segment	General Use	Not Supporting	sulfate	5a
Lower 25 miles of segment	General Use	Not Supporting	total dissolved solids	5a
Upper 19 miles of segment	General Use	Not Supporting	chloride	5a
Upper 19 miles of segment	General Use	Not Supporting	sulfate	5a
Upper 19 miles of segment	General Use	Not Supporting	total dissolved solids	5a

Additional Information: The aquatic life and contact recreation uses are fully supported. The fish consumption use was not assessed.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Lower 25 miles of segment	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Lower 25 miles of segment	13094	PETRONILA CREEK AT FM 892 SE OF DRISCOLL

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
2/3/1997	Petronila Creek at FM 70	30	Temperature
6/1/1999	Petronila Creek downstream from FM 2826	200	Low Dissolved Oxygen