

Atascosa River

Segment: 2107 Nueces River Basin

| | |
|-----------------------------------|---|
| Basin number: | 21 |
| Basin group: | E |
| Water body description: | From the confluence with the Frio River in Live Oak County to the confluence of the West Prong Atascosa River and the North Prong Atascosa River in Atascosa County |
| Water body classification: | Classified |
| Water body type: | Freshwater Stream |
| Water body length / area: | 103 Miles |
| Water body uses: | Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use |

| Standards Not Met and Concerns in Previous Years | | | | |
|---|------------------------|----------------------------------|----------------------------|-----------------|
| Assessment Area | Use | Support Status or Concern | Parameter | Category |
| 25 miles surrounding U.S. 281 | Aquatic Life Use | Not Supporting | depressed dissolved oxygen | 5b |
| 25 miles surrounding U.S. 281 | Contact Recreation Use | Not Supporting | bacteria | 5c |

Additional Information: The public water supply and general uses are fully supported. The fish consumption use was not assessed.

This segment was identified on the 2000 303(d) List as not supporting the contact recreation use due to bacteria. Because there were insufficient data available in 2002 to evaluate changes in water quality, this segment will be identified as not meeting the standard for bacteria until sufficient data are available to demonstrate use support.

This segment was also identified on the 2000 303(d) List as not supporting the aquatic life use due to depressed dissolved oxygen. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion.

| 2002 Concerns: | | | |
|-------------------------------|-----------------------------|--------------------------|-------------------------------|
| Assessment Area | Use or Concern | Concern Status | Description of Concern |
| 25 miles surrounding U.S. 281 | Contact Recreation Use | Use Concern-Limited Data | bacteria |
| 25 miles surrounding U.S. 281 | Nutrient Enrichment Concern | Concern | ammonia |
| 25 miles surrounding U.S. 281 | Algal Growth Concern | Concern | excessive algal growth |
| 25 miles surrounding U.S. 281 | Public Water Supply Concern | Concern | total dissolved solids |

| 2002 Concerns: | | | |
|---------------------------|-----------------------------|------------------------------|-------------------------------|
| Assessment Area | Use or Concern | Concern Status | Description of Concern |
| Lower 25 miles of segment | Contact Recreation Use | Use Concern- Limited Data | bacteria |
| Lower 25 miles of segment | Public Water Supply Concern | Concern | total dissolved solids |
| Remainder of segment | Public Water Supply Concern | Concern | total dissolved solids |

| Monitoring sites used: | | |
|-------------------------------|-------------------|--|
| Assessment Area | Station ID | Station Description |
| 25 miles surrounding U.S. 281 | 12981 | ATASCOSA RIVER ON DIRT ROAD DIRECTLY EAST OF PLEASANTON AT RAILROAD BRIDGE |
| 25 miles surrounding U.S. 281 | 12982 | ATASCOSA RIVER AT US 281 AT PLEASANTON |
| Lower 25 miles of segment | 12980 | ATASCOSA RIVER AT FM 99 BRIDGE WEST OF WHITSETT |

| Published studies: | | |
|---------------------------|-------------|---------------|
| Publication | Date | Author |
| LP 94 Atascosa River | Apr. 1979 | Ottmers, D. |