

Segment ID: 1232 **Water body name:** Clear Fork Brazos River

Freshwater Stream

Brazos River Basin

Total size:

284

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

Aquatic Life Use

| | | | | | | | |
|------|-------------------------------|-------------------------|---|-----|----|---|--|
| 2002 | Dissolved Oxygen grab average | No Concern | 25 miles downstream of Nugent | 25 | 32 | 2 | |
| 2002 | Dissolved Oxygen grab average | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | 25 miles downstream of Nugent | 25 | 32 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 0 | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | 0 | | |
| 2002 | Acute Metals in water | No Concern-Limited Data | 25 miles in lower portion of segment near Ft. Griffin | 25 | 6 | 0 | |
| 2002 | Chronic Metals in water | No Concern-Limited Data | 25 miles in lower portion of segment near Ft. Griffin | 25 | 6 | | |
| 2002 | Overall Aquatic Life Use | Fully Supporting | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Aquatic Life Use | Fully Supporting | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | Overall Aquatic Life Use | Not Assessed | Remainder of segment | 234 | | | |

Contact Recreation Use

| | | | | | | | |
|------|------------------------------|------------------|---|----|----|---|--|
| 2002 | E. coli single sample | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | E. coli single sample | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | 0 | | |
| 2002 | E. coli geometric mean | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | E. coli geometric mean | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | 0 | | |
| 2002 | Fecal coliform single sample | Fully Supporting | 25 miles downstream of Nugent | 25 | 26 | 1 | |
| 2002 | Fecal coliform single sample | Fully Supporting | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 0 | |

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|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

Fish Consumption Use

| | | | | | | | |
|------|------------------------------|-------------------------|---|-----|---|--|--|
| 2002 | Human Health Criteria | No Concern-Limited Data | 25 miles in lower portion of segment near Ft. Griffin | 25 | 6 | | |
| 2002 | Overall Fish Consumption Use | Not Assessed | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Fish Consumption Use | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | Overall Fish Consumption Use | Not Assessed | Remainder of segment | 234 | | | |

Overall Use Support

| | | | | | | | |
|------|--|------------------|---|-----|--|--|--|
| 2002 | | Fully Supporting | 25 miles downstream of Nugent | 25 | | | |
| 2002 | | Fully Supporting | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | | Fully Supporting | Remainder of segment | 234 | | | |

Nutrient Enrichment Concern

| | | | | | | | |
|------|--------------------------------------|--------------|---|----|----|----|--|
| 2002 | Ammonia Nitrogen | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | Ammonia Nitrogen | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 0 | |
| 2002 | Nitrite + Nitrate Nitrogen | Concern | 25 miles downstream of Nugent | 25 | 29 | 23 | |
| 2002 | Nitrite + Nitrate Nitrogen | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 16 | 0 | |
| 2002 | Orthophosphorus | Concern | 25 miles downstream of Nugent | 25 | 29 | 28 | |
| 2002 | Orthophosphorus | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 15 | 4 | |
| 2002 | Total Phosphorus | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | Total Phosphorus | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 3 | |
| 2002 | Overall Nutrient Enrichment Concerns | Concern | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Nutrient Enrichment Concerns | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |

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|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

Nutrient Enrichment Concern (continued)

| | | | | | | | |
|------|--------------------------------------|--------------|----------------------|-----|--|--|--|
| 2002 | Overall Nutrient Enrichment Concerns | Not Assessed | Remainder of segment | 234 | | | |
|------|--------------------------------------|--------------|----------------------|-----|--|--|--|

Algal Growth Concern

| | | | | | | | |
|------|---------------|--------------|---|-----|----|---|--|
| 2002 | Chlorophyll a | Not Assessed | 25 miles downstream of Nugent | 25 | 0 | | |
| 2002 | Chlorophyll a | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | 17 | 3 | |
| 2002 | Chlorophyll a | Not Assessed | Remainder of segment | 234 | | | |

Sediment Contaminants Concern

| | | | | | | | |
|------|---------------------------------------|--------------|---|-----|---|--|--|
| 2002 | Metals in sediment | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | 5 | | |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Remainder of segment | 234 | | | |

Fish Tissue Contaminants Concern

| | | | | | | | |
|------|--|--------------|---|-----|--|--|--|
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Remainder of segment | 234 | | | |

Narrative Criteria Concern

| | | | | | | | |
|------|-------------------------------------|------------|---|----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | 25 miles downstream of Nugent | 25 | | | |
| 2002 | Overall Narrative Criteria Concerns | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |

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|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

Narrative Criteria Concern (continued)

| | | | | | | | |
|------|-------------------------------------|------------|----------------------|-----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | Remainder of segment | 234 | | | |
|------|-------------------------------------|------------|----------------------|-----|--|--|--|

Overall Secondary Concern

| | | | | | | | |
|------|--|------------|---|-----|--|--|--|
| 2002 | | Concern | 25 miles downstream of Nugent | 25 | | | |
| 2002 | | No Concern | 25 miles in lower portion of segment near Ft. Griffin | 25 | | | |
| 2002 | | No Concern | Remainder of segment | 234 | | | |