

Segment ID: 0601 **Water body name: Neches River Tidal**

Tidal Stream

Neches River Basin

Total size:

27 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 | First oxbow to McFadden Bend | 6.7 | 25 | 0 | |
| 2002 | Dissolved Oxygen grab average | No Concern | Last oxbow to upper segment boundary | 10.6 | 24 | 0 | |
| 2002 | Dissolved Oxygen grab average | No Concern | Lower boundary to first oxbow | 3.9 | 33 | 0 | |
| 2002 | Dissolved Oxygen grab average | No Concern | McFadden Bend to last oxbow | 5.8 | 32 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | First oxbow to McFadden Bend | 6.7 | 25 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | 24 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | Lower boundary to first oxbow | 3.9 | 33 | 0 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | McFadden Bend to last oxbow | 5.8 | 32 | 0 | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | First oxbow to McFadden Bend | 6.7 | 0 | | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 0 | | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | Lower boundary to first oxbow | 3.9 | 0 | | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | McFadden Bend to last oxbow | 5.8 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | First oxbow to McFadden Bend | 6.7 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | Lower boundary to first oxbow | 3.9 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | McFadden Bend to last oxbow | 5.8 | 0 | | |
| 2002 | Acute Metals in water | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | 11 | 0 | |
| 2002 | Acute Metals in water | Fully Supporting | Lower boundary to first oxbow | 3.9 | 12 | 0 | |
| 2002 | Acute Metals in water | Not Assessed | McFadden Bend to last oxbow | 5.8 | 2 | 0 | |
| 2002 | Chronic Metals in water | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | 11 | | |
| 2002 | Chronic Metals in water | Fully Supporting | Lower boundary to first oxbow | 3.9 | 12 | | |
| 2002 | Chronic Metals in water | Not Assessed | McFadden Bend to last oxbow | 5.8 | 2 | | |
| 2002 | Acute Organics in water | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 3 | 0 | |

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

Aquatic Life Use (continued)

| | | | | | | | |
|------|-------------------------------------|--------------------------|--------------------------------------|------|---|---|-------|
| 2002 | Acute Organics in water | No Concern-Limited Data | Lower boundary to first oxbow | 3.9 | 4 | 0 | |
| 2002 | Chronic Organics in water | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 3 | | |
| 2002 | Chronic Organics in water Malathion | Use Concern-Limited Data | Lower boundary to first oxbow | 3.9 | 4 | | 0.089 |
| 2002 | Overall Aquatic Life Use | Fully Supporting | First oxbow to McFadden Bend | 6.7 | | | |
| 2002 | Overall Aquatic Life Use | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | | | |
| 2002 | Overall Aquatic Life Use | Fully Supporting | Lower boundary to first oxbow | 3.9 | | | |
| 2002 | Overall Aquatic Life Use | Fully Supporting | McFadden Bend to last oxbow | 5.8 | | | |

Contact Recreation Use

| | | | | | | | |
|------|-------------------------------|------------------|--------------------------------------|------|----|---|----|
| 2002 | Enterococci single sample | Not Assessed | First oxbow to McFadden Bend | 6.7 | 0 | | |
| 2002 | Enterococci single sample | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 0 | | |
| 2002 | Enterococci single sample | Not Assessed | Lower boundary to first oxbow | 3.9 | 0 | | |
| 2002 | Enterococci single sample | Not Assessed | McFadden Bend to last oxbow | 5.8 | 0 | | |
| 2002 | Enterococci geometric mean | Not Assessed | First oxbow to McFadden Bend | 6.7 | 0 | | |
| 2002 | Enterococci geometric mean | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 0 | | |
| 2002 | Enterococci geometric mean | Not Assessed | Lower boundary to first oxbow | 3.9 | 0 | | |
| 2002 | Enterococci geometric mean | Not Assessed | McFadden Bend to last oxbow | 5.8 | 0 | | |
| 2002 | Fecal coliform single sample | Fully Supporting | First oxbow to McFadden Bend | 6.7 | 23 | 0 | |
| 2002 | Fecal coliform single sample | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | 24 | 2 | |
| 2002 | Fecal coliform single sample | Fully Supporting | Lower boundary to first oxbow | 3.9 | 32 | 0 | |
| 2002 | Fecal coliform single sample | Fully Supporting | McFadden Bend to last oxbow | 5.8 | 32 | 4 | |
| 2002 | Fecal coliform geometric mean | Fully Supporting | First oxbow to McFadden Bend | 6.7 | 23 | | 25 |
| 2002 | Fecal coliform geometric mean | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | 24 | | 35 |

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

Fish Consumption Use (continued)

| | | | | | | | |
|------|---|-------------------------|--------------------------------------|------|---|--|------|
| 2002 | Advisories and Closures Risk Assess.- No Advisory | Fully Supporting | Lower boundary to first oxbow | 3.9 | | | |
| 2002 | Advisories and Closures Risk Assess.- No Advisory | Fully Supporting | McFadden Bend to last oxbow | 5.8 | | | |
| 2002 | Human Health Criteria | No Concern-Limited Data | Lower boundary to first oxbow | 3.9 | 4 | | |
| 2002 | Human Health Criteria | Not Assessed | McFadden Bend to last oxbow | 5.8 | 2 | | |
| 2002 | Human Health Criteria Benzidine | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 3 | | 16.7 |
| 2002 | Human Health Criteria Benzo(a)anthracene | Not Assessed | Last oxbow to upper segment boundary | 10.6 | 3 | | 3.34 |
| 2002 | Overall Fish Consumption Use | Fully Supporting | First oxbow to McFadden Bend | 6.7 | | | |
| 2002 | Overall Fish Consumption Use | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | | | |
| 2002 | Overall Fish Consumption Use | Fully Supporting | Lower boundary to first oxbow | 3.9 | | | |
| 2002 | Overall Fish Consumption Use | Fully Supporting | McFadden Bend to last oxbow | 5.8 | | | |

Overall Use Support

| | | | | | | | |
|------|--|------------------|--------------------------------------|------|--|--|--|
| 2002 | | Fully Supporting | First oxbow to McFadden Bend | 6.7 | | | |
| 2002 | | Fully Supporting | Last oxbow to upper segment boundary | 10.6 | | | |
| 2002 | | Fully Supporting | Lower boundary to first oxbow | 3.9 | | | |
| 2002 | | Fully Supporting | McFadden Bend to last oxbow | 5.8 | | | |

Nutrient Enrichment Concern

| | | | | | | | |
|------|----------------------------|------------|--------------------------------------|------|----|---|--|
| 2002 | Ammonia Nitrogen | No Concern | First oxbow to McFadden Bend | 6.7 | 19 | 0 | |
| 2002 | Ammonia Nitrogen | No Concern | Last oxbow to upper segment boundary | 10.6 | 19 | 0 | |
| 2002 | Ammonia Nitrogen | No Concern | Lower boundary to first oxbow | 3.9 | 19 | 0 | |
| 2002 | Ammonia Nitrogen | No Concern | McFadden Bend to last oxbow | 5.8 | 19 | 0 | |
| 2002 | Nitrite + Nitrate Nitrogen | No Concern | First oxbow to McFadden Bend | 6.7 | 20 | 0 | |

