**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

## Aquatic Life Use

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| Dissolved Oxygen grab average | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 17 | 1 | |
| Dissolved Oxygen grab average | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 26 | 0 | |
| Dissolved Oxygen grab average | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 12 | 0 | |
| Dissolved Oxygen grab average | No Concern | Lower 9.0 miles of segment | 9 | 26 | 0 | |
| Dissolved Oxygen grab average | Use Concern | Upper 4 miles of segment | 4 | 16 | 2 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 17 | 0 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 26 | 0 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 12 | 0 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Lower 9.0 miles of segment | 9 | 26 | 0 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Upper 4 miles of segment | 4 | 16 | 0 | |
| Dissolved Oxygen 24hr average | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 0 | | |
| Dissolved Oxygen 24hr average | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 0 | | |
| Dissolved Oxygen 24hr average | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 0 | | |
| Dissolved Oxygen 24hr average | Not Assessed | Lower 9.0 miles of segment | 9 | 0 | | |
| Dissolved Oxygen 24hr average | Not Assessed | Upper 4 miles of segment | 4 | 0 | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 0 | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 0 | | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Aquatic Life Use** (continued) | | | | | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 0 | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Lower 9.0 miles of segment | 9 | 0 | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Upper 4 miles of segment | 4 | 0 | | |
| Acute Metals in water | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Chronic Metals in water | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Acute Organics in water | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Chronic Toxicity tests in water | No Concern-Limited Data | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 4 | | |
| Chronic Toxicity tests in water | No Concern-Limited Data | Lower 9.0 miles of segment | 9 | 5 | 0 | |
| Chronic Toxicity tests in sediment | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 1 | | |
| Chronic Toxicity tests in sediment | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Overall Aquatic Life Use | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Aquatic Life Use | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Aquatic Life Use | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Aquatic Life Use | Fully Supporting | Lower 9.0 miles of segment | 9 | | | |
| Overall Aquatic Life Use | Fully Supporting | Upper 4 miles of segment | 4 | | | |
| **Contact Recreation Use** | | | | | | |
| Enterococci single sample | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 0 | | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Contact Recreation Use** (continued) | | | | | | |
| Enterococci single sample | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 0 | | |
| Enterococci single sample | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 0 | | |
| Enterococci single sample | Not Assessed | Lower 9.0 miles of segment | 9 | 0 | | |
| Enterococci single sample | Not Assessed | Upper 4 miles of segment | 4 | 0 | | |
| Enterococci geometric mean | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 0 | | |
| Enterococci geometric mean | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 0 | | |
| Enterococci geometric mean | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 0 | | |
| Enterococci geometric mean | Not Assessed | Lower 9.0 miles of segment | 9 | 0 | | |
| Enterococci geometric mean | Not Assessed | Upper 4 miles of segment | 4 | 0 | | |
| Fecal coliform single sample | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 18 | 1 | |
| Fecal coliform single sample | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 26 | 0 | |
| Fecal coliform single sample | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 13 | 1 | |
| Fecal coliform single sample | Fully Supporting | Lower 9.0 miles of segment | 9 | 26 | 2 | |
| Fecal coliform single sample | Fully Supporting | Upper 4 miles of segment | 4 | 17 | 0 | |
| Fecal coliform geometric mean | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 18 | | 21 |
| Fecal coliform geometric mean | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 26 | | 11 |
| Fecal coliform geometric mean | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 13 | | 10 |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Contact Recreation Use** (continued) | | | | | | |
| Fecal coliform geometric mean | Fully Supporting | Lower 9.0 miles of segment | 9 | 26 | | 14 |
| Fecal coliform geometric mean | Fully Supporting | Upper 4 miles of segment | 4 | 17 | | 21 |
| Overall Recreation Use | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Recreation Use | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Recreation Use | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Recreation Use | Fully Supporting | Lower 9.0 miles of segment | 9 | | | |
| Overall Recreation Use | Fully Supporting | Upper 4 miles of segment | 4 | | | |
| **General Use** | | | | | | |
| Water Temperature | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 19 | 0 | |
| Water Temperature | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 27 | 0 | |
| Water Temperature | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 13 | 0 | |
| Water Temperature | Fully Supporting | Lower 9.0 miles of segment | 9 | 27 | 0 | |
| Water Temperature | Fully Supporting | Upper 4 miles of segment | 4 | 17 | 0 | |
| pH | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 18 | 0 | |
| pH | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 26 | 0 | |
| pH | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 13 | 0 | |
| pH | Fully Supporting | Lower 9.0 miles of segment | 9 | 26 | 0 | |
| pH | Fully Supporting | Upper 4 miles of segment | 4 | 16 | 0 | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **General Use** (continued) | | | | | | |
| Overall General Use | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall General Use | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall General Use | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall General Use | Fully Supporting | Lower 9.0 miles of segment | 9 | | | |
| Overall General Use | Fully Supporting | Upper 4 miles of segment | 4 | | | |
| **Fish Consumption Use** | | | | | | |
| Human Health Criteria Metals | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Human Health Criteria Organics | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |
| Overall Fish Consumption Use | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Fish Consumption Use | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Fish Consumption Use | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Fish Consumption Use | Not Assessed | Lower 9.0 miles of segment | 9 | | | |
| Overall Fish Consumption Use | Not Assessed | Upper 4 miles of segment | 4 | | | |
| **Overall Use Support** | | | | | | |
| | Fully Supporting | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| | Fully Supporting | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| | Fully Supporting | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| | Fully Supporting | Lower 9.0 miles of segment | 9 | | | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Overall Use Support** (continued) | | | | | | |
| | Fully Supporting | Upper 4 miles of segment | 4 | | | |
| **Nutrient Enrichment Concern** | | | | | | |
| Ammonia Nitrogen | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 20 | 5 | |
| Ammonia Nitrogen | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 23 | 0 | |
| Ammonia Nitrogen | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 14 | 1 | |
| Ammonia Nitrogen | No Concern | Lower 9.0 miles of segment | 9 | 23 | 1 | |
| Ammonia Nitrogen | Concern | Upper 4 miles of segment | 4 | 18 | 8 | |
| Nitrite + Nitrate Nitrogen | Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 18 | 12 | |
| Nitrite + Nitrate Nitrogen | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 21 | 3 | |
| Nitrite + Nitrate Nitrogen | Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 12 | 6 | |
| Nitrite + Nitrate Nitrogen | No Concern | Lower 9.0 miles of segment | 9 | 21 | 3 | |
| Nitrite + Nitrate Nitrogen | Concern | Upper 4 miles of segment | 4 | 16 | 13 | |
| Orthophosphorus | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 19 | 3 | |
| Orthophosphorus | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 22 | 2 | |
| Orthophosphorus | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 13 | 3 | |
| Orthophosphorus | No Concern | Lower 9.0 miles of segment | 9 | 22 | 0 | |
| Orthophosphorus | No Concern | Upper 4 miles of segment | 4 | 17 | 4 | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Nutrient Enrichment Concern** (continued) | | | | | | |
| Total Phosphorus | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 16 | 2 | |
| Total Phosphorus | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 23 | 1 | |
| Total Phosphorus | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 14 | 1 | |
| Total Phosphorus | No Concern | Lower 9.0 miles of segment | 9 | 23 | 0 | |
| Total Phosphorus | No Concern | Upper 4 miles of segment | 4 | 15 | 4 | |
| Overall Nutrient Enrichment Concerns | Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Nutrient Enrichment Concerns | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Nutrient Enrichment Concerns | Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Nutrient Enrichment Concerns | No Concern | Lower 9.0 miles of segment | 9 | | | |
| Overall Nutrient Enrichment Concerns | Concern | Upper 4 miles of segment | 4 | | | |
| **Algal Growth Concern** | | | | | | |
| Chlorophyll a | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | 20 | 5 | |
| Chlorophyll a | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | 23 | 5 | |
| Chlorophyll a | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | 14 | 1 | |
| Chlorophyll a | No Concern | Lower 9.0 miles of segment | 9 | 23 | 6 | |
| Chlorophyll a | No Concern | Upper 4 miles of segment | 4 | 18 | 3 | |
| **Sediment Contaminants Concern** | | | | | | |
| Metals in sediment | Not Assessed | Lower 9.0 miles of segment | 9 | 1 | | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Sediment Contaminants Concern** (continued) | | | | | | |
| Organics in sediment | Not Assessed | Lower 9.0 miles of segment | 9 | 2 | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Lower 9.0 miles of segment | 9 | | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Upper 4 miles of segment | 4 | | | |
| **Fish Tissue Contaminants Concern** | | | | | | |
| Overall Fish Tissue Contaminant Concerns | Not Assessed | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Fish Tissue Contaminant Concerns | Not Assessed | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| Overall Fish Tissue Contaminant Concerns | Not Assessed | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Fish Tissue Contaminant Concerns | Not Assessed | Lower 9.0 miles of segment | 9 | | | |
| Overall Fish Tissue Contaminant Concerns | Not Assessed | Upper 4 miles of segment | 4 | | | |
| **Narrative Criteria Concern** | | | | | | |
| Overall Narrative Criteria Concerns | No Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| Overall Narrative Criteria Concerns | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |

**Segment ID:** 2201 **Water body name:** Arroyo Colorado Tidal

Tidal Stream | Nueces-Rio Grande Coastal Basin | Total size: 26 Miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Narrative Criteria Concern** (continued) | | | | | | |
| Overall Narrative Criteria Concerns | No Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| Overall Narrative Criteria Concerns | No Concern | Lower 9.0 miles of segment | 9 | | | |
| Overall Narrative Criteria Concerns | No Concern | Upper 4 miles of segment | 4 | | | |
| **Overall Secondary Concern** | | | | | | |
| | Concern | Approx. 1 mile upstream to 3 miles downstream of Camp Perry | 4 | | | |
| | No Concern | Approx. 2 miles upstream to approx. 2 miles downstream of Marker 22 | 4 | | | |
| | Concern | Approx. 3 miles upstream to 2 miles downstream of Marker 27 | 5 | | | |
| | No Concern | Lower 9.0 miles of segment | 9 | | | |
| | Concern | Upper 4 miles of segment | 4 | | | |