

Segment ID: 1429 Water body name: Town Lake

Reservoir Colorado River Basin Total size: 500 Acres

| 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       | Lower half of lake | 250 | 102 | 3 |  |
| 2002 | Dissolved Oxygen grab average | No Concern       | Upper half of lake | 250 | 88  | 1 |  |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | Lower half of lake | 250 | 102 | 0 |  |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | Upper half of lake | 250 | 88  | 0 |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed     | Lower half of lake | 250 | 0   |   |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed     | Upper half of lake | 250 | 0   |   |  |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed     | Lower half of lake | 250 | 0   |   |  |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed     | Upper half of lake | 250 | 0   |   |  |
| 2002 | Acute Metals in water         | Fully Supporting | Lower half of lake | 250 | 11  | 0 |  |
| 2002 | Acute Metals in water         | Fully Supporting | Upper half of lake | 250 | 11  | 0 |  |
| 2002 | Chronic Metals in water       | Fully Supporting | Lower half of lake | 250 | 11  |   |  |
| 2002 | Chronic Metals in water       | Fully Supporting | Upper half of lake | 250 | 11  |   |  |
| 2002 | Overall Aquatic Life Use      | Fully Supporting | Lower half of lake | 250 |     |   |  |
| 2002 | Overall Aquatic Life Use      | Fully Supporting | Upper half of lake | 250 |     |   |  |

**Contact Recreation Use**

|      |                              |                  |                    |     |    |    |    |
|------|------------------------------|------------------|--------------------|-----|----|----|----|
| 2002 | E. coli single sample        | Fully Supporting | Lower half of lake | 250 | 24 | 4  |    |
| 2002 | E. coli single sample        | Fully Supporting | Upper half of lake | 250 | 20 | 0  |    |
| 2002 | E. coli geometric mean       | Fully Supporting | Lower half of lake | 250 | 24 |    | 37 |
| 2002 | E. coli geometric mean       | Fully Supporting | Upper half of lake | 250 | 20 |    | 6  |
| 2002 | Fecal coliform single sample | Fully Supporting | Lower half of lake | 250 | 67 | 11 |    |
| 2002 | Fecal coliform single sample | Fully Supporting | Upper half of lake | 250 | 62 | 1  |    |

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

**Contact Recreation Use** (continued)

|      |                               |                  |                    |     |    |  |    |
|------|-------------------------------|------------------|--------------------|-----|----|--|----|
| 2002 | Fecal coliform geometric mean | Fully Supporting | Lower half of lake | 250 | 67 |  | 84 |
| 2002 | Fecal coliform geometric mean | Fully Supporting | Upper half of lake | 250 | 62 |  | 23 |
| 2002 | Overall Recreation Use        | Fully Supporting | Lower half of lake | 250 |    |  |    |
| 2002 | Overall Recreation Use        | Fully Supporting | Upper half of lake | 250 |    |  |    |

**General Use**

|      |                        |                  |                    |     |     |   |     |
|------|------------------------|------------------|--------------------|-----|-----|---|-----|
| 2002 | Water Temperature      | Fully Supporting | Lower half of lake | 250 | 91  | 0 |     |
| 2002 | Water Temperature      | Fully Supporting | Upper half of lake | 250 | 91  | 0 |     |
| 2002 | pH                     | Fully Supporting | Lower half of lake | 250 | 88  | 0 |     |
| 2002 | pH                     | Fully Supporting | Upper half of lake | 250 | 87  | 0 |     |
| 2002 | Chloride               | Fully Supporting | Lower half of lake | 250 | 66  |   | 44  |
| 2002 | Chloride               | Fully Supporting | Upper half of lake | 250 | 66  |   | 44  |
| 2002 | Sulfate                | Fully Supporting | Lower half of lake | 250 | 66  |   | 33  |
| 2002 | Sulfate                | Fully Supporting | Upper half of lake | 250 | 66  |   | 33  |
| 2002 | Total Dissolved Solids | Fully Supporting | Lower half of lake | 250 | 185 |   | 336 |
| 2002 | Total Dissolved Solids | Fully Supporting | Upper half of lake | 250 | 185 |   | 336 |
| 2002 | Overall General Use    | Fully Supporting | Lower half of lake | 250 |     |   |     |
| 2002 | Overall General Use    | Fully Supporting | Upper half of lake | 250 |     |   |     |

**Fish Consumption Use**

|      |   |                  |                    |     |  |  |  |
|------|---|------------------|--------------------|-----|--|--|--|
| 2002 | Advisories and Closures Risk Assess.- No Advisory | Fully Supporting | Lower half of lake | 250 |  |  |  |
| 2002 | Advisories and Closures Risk Assess.- No Advisory | Fully Supporting | Upper half of lake | 250 |  |  |  |

**Segment ID: 1429      Water body name: Town Lake**

Reservoir    Colorado River Basin    Total size:    500                          Acres

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

**Fish Consumption Use** (continued)

|      |                              |                  |                    |     |    |  |       |
|------|------------------------------|------------------|--------------------|-----|----|--|-------|
| 2002 | Human Health Criteria Lead   | Fully Supporting | Lower half of lake | 250 | 22 |  | 0.501 |
| 2002 | Human Health Criteria Lead   | Fully Supporting | Upper half of lake | 250 | 22 |  | 0.532 |
| 2002 | Overall Fish Consumption Use | Fully Supporting | Lower half of lake | 250 |    |  |       |
| 2002 | Overall Fish Consumption Use | Fully Supporting | Upper half of lake | 250 |    |  |       |

**Public Water Supply Use**

|      |                                 |                  |                    |     |  |  |  |
|------|---------------------------------|------------------|--------------------|-----|--|--|--|
| 2002 | Overall Public Water Supply Use | Fully Supporting | Lower half of lake | 250 |  |  |  |
| 2002 | Overall Public Water Supply Use | Fully Supporting | Upper half of lake | 250 |  |  |  |

**Overall Use Support**

|      |  |                  |                    |     |  |  |  |
|------|--|------------------|--------------------|-----|--|--|--|
| 2002 |  | Fully Supporting | Lower half of lake | 250 |  |  |  |
| 2002 |  | Fully Supporting | Upper half of lake | 250 |  |  |  |

**Nutrient Enrichment Concern**

|      |                                      |            |                    |     |    |    |  |
|------|--------------------------------------|------------|--------------------|-----|----|----|--|
| 2002 | Ammonia Nitrogen                     | No Concern | Lower half of lake | 250 | 91 | 4  |  |
| 2002 | Ammonia Nitrogen                     | No Concern | Upper half of lake | 250 | 80 | 1  |  |
| 2002 | Nitrite + Nitrate Nitrogen           | Concern    | Lower half of lake | 250 | 94 | 25 |  |
| 2002 | Nitrite + Nitrate Nitrogen           | No Concern | Upper half of lake | 250 | 83 | 9  |  |
| 2002 | Orthophosphorus                      | No Concern | Lower half of lake | 250 | 96 | 2  |  |
| 2002 | Orthophosphorus                      | No Concern | Upper half of lake | 250 | 83 | 1  |  |
| 2002 | Total Phosphorus                     | No Concern | Lower half of lake | 250 | 92 | 1  |  |
| 2002 | Total Phosphorus                     | No Concern | Upper half of lake | 250 | 79 | 1  |  |
| 2002 | Overall Nutrient Enrichment Concerns | Concern    | Lower half of lake | 250 |    |    |  |

Segment ID: 1429 Water body name: Town Lake

Reservoir Colorado River Basin Total size: 500 Acres

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

**Nutrient Enrichment Concern** (continued)

|      |                                      |            |                    |     |  |  |  |
|------|--------------------------------------|------------|--------------------|-----|--|--|--|
| 2002 | Overall Nutrient Enrichment Concerns | No Concern | Upper half of lake | 250 |  |  |  |
|------|--------------------------------------|------------|--------------------|-----|--|--|--|

**Algal Growth Concern**

|      |               |            |                    |     |    |   |  |
|------|---------------|------------|--------------------|-----|----|---|--|
| 2002 | Chlorophyll a | No Concern | Lower half of lake | 250 | 88 | 4 |  |
| 2002 | Chlorophyll a | No Concern | Upper half of lake | 250 | 83 | 1 |  |

**Sediment Contaminants Concern**

|      |                                       |              |                    |     |   |  |  |
|------|---------------------------------------|--------------|--------------------|-----|---|--|--|
| 2002 | Metals in sediment                    | Not Assessed | Lower half of lake | 250 | 6 |  |  |
| 2002 | Metals in sediment                    | Not Assessed | Upper half of lake | 250 | 6 |  |  |
| 2002 | Organics in sediment                  | Not Assessed | Lower half of lake | 250 | 3 |  |  |
| 2002 | Organics in sediment                  | Not Assessed | Upper half of lake | 250 | 3 |  |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Lower half of lake | 250 |   |  |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Upper half of lake | 250 |   |  |  |

**Fish Tissue Contaminants Concern**

|      |  |            |                    |     |    |   |  |
|------|--|------------|--------------------|-----|----|---|--|
| 2002 | Metals in fish tissue                    | No Concern | Lower half of lake | 250 | 12 | 0 |  |
| 2002 | Metals in fish tissue                    | No Concern | Upper half of lake | 250 | 12 |   |  |
| 2002 | Organics in fish tissue Chlordane        | No Concern | Lower half of lake | 250 | 12 | 1 |  |
| 2002 | Organics in fish tissue Chlordane        | No Concern | Upper half of lake | 250 | 12 | 1 |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | No Concern | Lower half of lake | 250 |    |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | No Concern | Upper half of lake | 250 |    |   |  |

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Reservoir                                  Colorado River Basin                                  Total size:                                  500                                  Acres

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

**Public Water Supply Concern**

|      |  |              |                    |     |     |  |     |
|------|--|--------------|--------------------|-----|-----|--|-----|
| 2002 | Finished Water: Chloride               | No Concern   | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: Chloride               | No Concern   | Upper half of lake | 250 |     |  |     |
| 2002 | Finished Water: Sulfate                | No Concern   | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: Sulfate                | No Concern   | Upper half of lake | 250 |     |  |     |
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | Upper half of lake | 250 |     |  |     |
| 2002 | Finished Water: MTBE                   | No Concern   | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: MTBE                   | No Concern   | Upper half of lake | 250 |     |  |     |
| 2002 | Finished Water: Perchlorate            | Not Assessed | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: Perchlorate            | Not Assessed | Upper half of lake | 250 |     |  |     |
| 2002 | Finished Water: Overall                | No Concern   | Lower half of lake | 250 |     |  |     |
| 2002 | Finished Water: Overall                | No Concern   | Upper half of lake | 250 |     |  |     |
| 2002 | Surface Water: Chloride                | No Concern   | Lower half of lake | 250 | 66  |  | 44  |
| 2002 | Surface Water: Chloride                | No Concern   | Upper half of lake | 250 | 66  |  | 44  |
| 2002 | Surface Water: Sulfate                 | No Concern   | Lower half of lake | 250 | 66  |  | 33  |
| 2002 | Surface Water: Sulfate                 | No Concern   | Upper half of lake | 250 | 66  |  | 33  |
| 2002 | Surface Water: Total Dissolved Solids  | No Concern   | Lower half of lake | 250 | 185 |  | 336 |
| 2002 | Surface Water: Total Dissolved Solids  | No Concern   | Upper half of lake | 250 | 185 |  | 336 |
| 2002 | Surface Water: Overall                 | No Concern   | Lower half of lake | 250 |     |  |     |

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

**Public Water Supply Concern** (continued)

|      |                                      |            |                    |     |  |  |  |
|------|--------------------------------------|------------|--------------------|-----|--|--|--|
| 2002 | Surface Water: Overall               | No Concern | Upper half of lake | 250 |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | Lower half of lake | 250 |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | Upper half of lake | 250 |  |  |  |

**Narrative Criteria Concern**

|      |                                     |            |                    |     |  |  |  |
|------|-------------------------------------|------------|--------------------|-----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | Lower half of lake | 250 |  |  |  |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Upper half of lake | 250 |  |  |  |

**Overall Secondary Concern**

|      |  |            |                    |     |  |  |  |
|------|--|------------|--------------------|-----|--|--|--|
| 2002 |  | Concern    | Lower half of lake | 250 |  |  |  |
| 2002 |  | No Concern | Upper half of lake | 250 |  |  |  |