

Segment ID: 1409

Water body name: Colorado River Above Lake Buchanan

Freshwater Stream

Colorado River Basin

Total size:

37 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 | Cypress Creek to upper end of segment | 25 | 31 | 1 | |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting | Cypress Creek to upper end of segment | 25 | 31 | 0 | |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed | Cypress Creek to upper end of segment | 25 | 0 | | |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed | Cypress Creek to upper end of segment | 25 | 0 | | |
| 2002 | Acute Metals in water | Not Assessed | Cypress Creek to upper end of segment | 25 | 1 | | |
| 2002 | Chronic Metals in water | Not Assessed | Cypress Creek to upper end of segment | 25 | 1 | | |
| 2004 | Habitat | Use Concern-Limited Data | Cypress Creek to upper end of segment | 25 | 1 | 1 | 18 |
| 2002 | Macrobenthos Community | Fully Supporting | Cypress Creek to upper end of segment | 25 | 2 | 0 | 38 |
| 2002 | Fish Community | Fully Supporting | Cypress Creek to upper end of segment | 25 | 2 | 1 | 47 |
| 2004 | Overall Aquatic Life Use | Fully Supporting | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Aquatic Life Use | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Contact Recreation Use

| | | | | | | | |
|------|-------------------------------|------------------|---------------------------------------|----|----|---|----|
| 2002 | E. coli single sample | Fully Supporting | Cypress Creek to upper end of segment | 25 | 26 | 3 | |
| 2002 | E. coli geometric mean | Fully Supporting | Cypress Creek to upper end of segment | 25 | 26 | | 60 |
| 2002 | Fecal coliform single sample | Fully Supporting | Cypress Creek to upper end of segment | 25 | 26 | 4 | |
| 2002 | Fecal coliform geometric mean | Fully Supporting | Cypress Creek to upper end of segment | 25 | 26 | | 99 |
| 2002 | Overall Recreation Use | Fully Supporting | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Recreation Use | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

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General Use

| | | | | | | | |
|------|------------------------|------------------|---------------------------------------|----|-----|---|-------|
| 2002 | Water Temperature | Fully Supporting | Cypress Creek to upper end of segment | 25 | 31 | 0 | |
| 2002 | pH | Fully Supporting | Cypress Creek to upper end of segment | 25 | 31 | 0 | |
| 2002 | Chloride | Fully Supporting | Cypress Creek to upper end of segment | 25 | 22 | | 98 |
| 2002 | Chloride | Fully Supporting | Lower end of segment to Cypress Creek | 12 | 22 | | 98 |
| 2002 | Sulfate | Fully Supporting | Cypress Creek to upper end of segment | 25 | 26 | | 61 |
| 2002 | Sulfate | Fully Supporting | Lower end of segment to Cypress Creek | 12 | 26 | | 61 |
| 2002 | Total Dissolved Solids | Fully Supporting | Cypress Creek to upper end of segment | 25 | 388 | | 421.4 |
| 2002 | Total Dissolved Solids | Fully Supporting | Lower end of segment to Cypress Creek | 12 | 388 | | 421.4 |
| 2002 | Overall General Use | Fully Supporting | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall General Use | Fully Supporting | Lower end of segment to Cypress Creek | 12 | | | |

Fish Consumption Use

| | | | | | | | |
|------|------------------------------|--------------|---------------------------------------|----|---|--|--|
| 2002 | Human Health Criteria | Not Assessed | Cypress Creek to upper end of segment | 25 | 1 | | |
| 2002 | Overall Fish Consumption Use | Not Assessed | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Fish Consumption Use | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Public Water Supply Use

| | | | | | | | |
|------|---------------------------------|------------------|---------------------------------------|----|--|--|--|
| 2002 | Overall Public Water Supply Use | Fully Supporting | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Public Water Supply Use | Fully Supporting | Lower end of segment to Cypress Creek | 12 | | | |

Overall Use Support

| | | | | | | | |
|------|--|------------------|---------------------------------------|----|--|--|--|
| 2004 | | Fully Supporting | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | | Fully Supporting | Lower end of segment to Cypress Creek | 12 | | | |

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Nutrient Enrichment Concern

| | | | | | | | |
|------|--------------------------------------|--------------|---------------------------------------|----|----|---|--|
| 2002 | Ammonia Nitrogen | No Concern | Cypress Creek to upper end of segment | 25 | 26 | 1 | |
| 2002 | Nitrite + Nitrate Nitrogen | No Concern | Cypress Creek to upper end of segment | 25 | 26 | 0 | |
| 2002 | Orthophosphorus | No Concern | Cypress Creek to upper end of segment | 25 | 26 | 0 | |
| 2002 | Total Phosphorus | No Concern | Cypress Creek to upper end of segment | 25 | 26 | 1 | |
| 2002 | Overall Nutrient Enrichment Concerns | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Nutrient Enrichment Concerns | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Algal Growth Concern

| | | | | | | | |
|------|---------------|--------------|---------------------------------------|----|----|---|--|
| 2002 | Chlorophyll a | No Concern | Cypress Creek to upper end of segment | 25 | 25 | 5 | |
| 2002 | Chlorophyll a | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Sediment Contaminants Concern

| | | | | | | | |
|------|---------------------------------------|--------------|---------------------------------------|----|--|--|--|
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Fish Tissue Contaminants Concern

| | | | | | | | |
|------|--|--------------|---------------------------------------|----|--|--|--|
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |

Public Water Supply Concern

| | | | | | | | |
|------|--------------------------|------------|---------------------------------------|----|--|--|--|
| 2002 | Finished Water: Chloride | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: Chloride | No Concern | Lower end of segment to Cypress Creek | 12 | | | |

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Public Water Supply Concern (continued)

| | | | | | | | |
|------|--|--------------|---------------------------------------|----|-----|--|-------|
| 2002 | Finished Water: Sulfate | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: Sulfate | No Concern | Lower end of segment to Cypress Creek | 12 | | | |
| 2002 | Finished Water: Total Dissolved Solids | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: Total Dissolved Solids | No Concern | Lower end of segment to Cypress Creek | 12 | | | |
| 2002 | Finished Water: MTBE | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: MTBE | No Concern | Lower end of segment to Cypress Creek | 12 | | | |
| 2002 | Finished Water: Perchlorate | Not Assessed | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: Perchlorate | Not Assessed | Lower end of segment to Cypress Creek | 12 | | | |
| 2002 | Finished Water: Overall | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Finished Water: Overall | No Concern | Lower end of segment to Cypress Creek | 12 | | | |
| 2002 | Surface Water: Chloride | No Concern | Cypress Creek to upper end of segment | 25 | 22 | | 99 |
| 2002 | Surface Water: Chloride | No Concern | Lower end of segment to Cypress Creek | 12 | 22 | | 99 |
| 2002 | Surface Water: Sulfate | No Concern | Cypress Creek to upper end of segment | 25 | 26 | | 61 |
| 2002 | Surface Water: Sulfate | No Concern | Lower end of segment to Cypress Creek | 12 | 26 | | 61 |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | Cypress Creek to upper end of segment | 25 | 388 | | 421.4 |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | Lower end of segment to Cypress Creek | 12 | 388 | | 421.4 |
| 2002 | Surface Water: Overall | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Surface Water: Overall | No Concern | Lower end of segment to Cypress Creek | 12 | | | |

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Public Water Supply Concern (continued)

| | | | | | | | |
|------|--------------------------------------|------------|---------------------------------------|----|--|--|--|
| 2002 | Overall Public Water Supply Concerns | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Public Water Supply Concerns | No Concern | Lower end of segment to Cypress Creek | 12 | | | |

Narrative Criteria Concern

| | | | | | | | |
|------|-------------------------------------|------------|---------------------------------------|----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Lower end of segment to Cypress Creek | 12 | | | |

Overall Secondary Concern

| | | | | | | | |
|------|--|------------|---------------------------------------|----|--|--|--|
| 2002 | | No Concern | Cypress Creek to upper end of segment | 25 | | | |
| 2002 | | No Concern | Lower end of segment to Cypress Creek | 12 | | | |