

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper Colorado River Basin

| 1. Mainstem of the Colorado River, including all tributaries and wetlands, within Rocky Mountain National Park, or which flow into Rocky Mountain National Park. | | | | | | |
|--|---|-------------------------|---------|-----------------|---------------|-------------|
| COUCUC01 | Classifications | Physical and Biological | | | Metals (ug/L) | |
| Designation | Agriculture Aq Life Cold 1 Recreation E Water Supply | DM | MWAT | acute | chronic | |
| OW | | Temperature °C | CS-I | CS-I | --- | --- |
| | | acute | chronic | Arsenic | 340 | --- |
| | D.O. (mg/L) | --- | 6.0 | Arsenic(T) | --- | 0.02 |
| Qualifiers: | D.O. (spawning) | --- | 7.0 | Beryllium | --- | --- |
| Other: | pH | 6.5 - 9.0 | --- | Cadmium | TVS(tr) | TVS |
| Temporary Modification(s): | chlorophyll a (mg/m2) | --- | 150 | Chromium III | --- | TVS |
| Arsenic(chronic) = hybrid | E. Coli (per 100 mL) | --- | 126 | Chromium III(T) | 50 | --- |
| Expiration Date of 12/31/2021 | | | | Chromium VI | TVS | TVS |
| | Inorganic (mg/L) | | | Copper | TVS | TVS |
| | | acute | chronic | Iron | --- | WS |
| | Ammonia | TVS | TVS | Iron(T) | --- | 1000 |
| | Boron | --- | 0.75 | Lead | TVS | TVS |
| | Chloride | --- | 250 | Manganese | TVS | TVS/WS |
| | Chlorine | 0.019 | 0.011 | Mercury | --- | 0.01(t) |
| | Cyanide | 0.005 | --- | Molybdenum(T) | --- | 160 |
| | Nitrate | 10 | --- | Nickel | TVS | TVS |
| | Nitrite | --- | 0.05 | Selenium | TVS | TVS |
| | Phosphorus | --- | 0.11 | Silver | TVS | TVS(tr) |
| | Sulfate | --- | WS | Uranium | --- | --- |
| | Sulfide | --- | 0.002 | Zinc | TVS | TVS/TVS(sc) |

| 2. Mainstem of the Colorado River, including all tributaries and wetlands within, or flowing into Arapahoe National Recreation Area. | | | | | | |
|--|---|-------------------------|---------|-----------------|---------------|-------------|
| COUCUC02 | Classifications | Physical and Biological | | | Metals (ug/L) | |
| Designation | Agriculture Aq Life Cold 1 Recreation E Water Supply | DM | MWAT | acute | chronic | |
| Reviewable | | Temperature °C | CS-I | CS-I | --- | --- |
| | | acute | chronic | Arsenic | 340 | --- |
| | D.O. (mg/L) | --- | 6.0 | Arsenic(T) | --- | 0.02 |
| Qualifiers: | D.O. (spawning) | --- | 7.0 | Beryllium | --- | --- |
| Other: | pH | 6.5 - 9.0 | --- | Cadmium | TVS(tr) | TVS |
| Temporary Modification(s): | chlorophyll a (mg/m2) | --- | 150 | Chromium III | --- | TVS |
| Arsenic(chronic) = hybrid | E. Coli (per 100 mL) | --- | 126 | Chromium III(T) | 50 | --- |
| Expiration Date of 12/31/2021 | | | | Chromium VI | TVS | TVS |
| | Inorganic (mg/L) | | | Copper | TVS | TVS |
| | | acute | chronic | Iron | --- | WS |
| | Ammonia | TVS | TVS | Iron(T) | --- | 1000 |
| | Boron | --- | 0.75 | Lead | TVS | TVS |
| | Chloride | --- | 250 | Manganese | TVS | TVS/WS |
| | Chlorine | 0.019 | 0.011 | Mercury | --- | 0.01(t) |
| | Cyanide | 0.005 | --- | Molybdenum(T) | --- | 160 |
| | Nitrate | 10 | --- | Nickel | TVS | TVS |
| | Nitrite | --- | 0.05 | Selenium | TVS | TVS |
| | Phosphorus | --- | 0.11 | Silver | TVS | TVS(tr) |
| | Sulfate | --- | WS | Uranium | --- | --- |
| | Sulfide | --- | 0.002 | Zinc | TVS | TVS/TVS(sc) |

All metals are dissolved unless otherwise noted.
T = total recoverable
t = total
tr = trout
sc = sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.