

Bronco, Gray, and Smoke Creeks Standards

Proposed Revisions to the
Nevada Water Pollution Control Regulations
NAC 445A. 1698, NAC 445A. 1702, and NAC445A.1286

Nevada Division of Environmental Protection
Bureau of Water Quality Planning
Water Quality Standards Program

Background

- Clean Water Act - Section 303
 - Water Quality Standards
 - Designated Beneficial Uses
 - Water Quality Criteria
 - Antidegradation

Creek Description and Locations

- Smoke Creek
 - Nevada state line to the Smoke Creek Desert.
- Bronco and Gray Creeks
 - Origin to the Nevada state line.

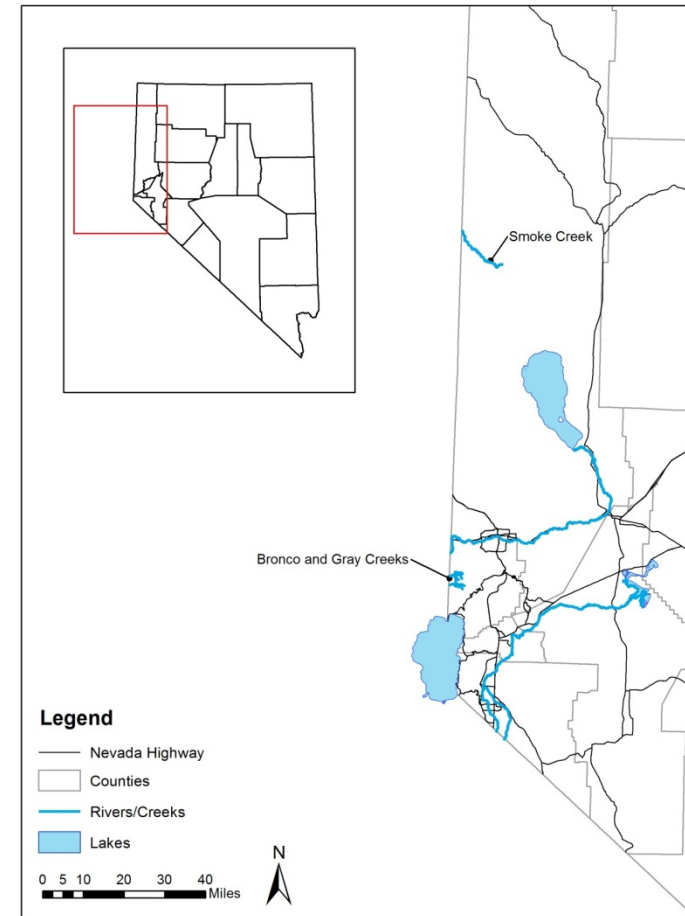


Figure 1. Smoke, Bronco and Gray Creeks Locations

2010 Bronco, Gray and Smoke Creeks Review

- Reviewed standards and added reach descriptions, beneficial uses and water quality standards for those beneficial uses
- October, 2010 – SEC adopted the changes to the standards
- EPA has oversight - “Take No Action” for:
 - Chloride standard for all three creeks and
 - Dissolved Oxygen standard for Gray Creek

Proposed Changes

- Add aquatic life as primary use for Chloride for Bronco and Gray Creeks
- Update Chloride numeric standard for Smoke, Bronco and Gray Creeks to the current recommended EPA aquatic life criteria of 230/860 mg/l chronic and acute
- Return the original Dissolved Oxygen standard of 7 mg/l to Gray Creek

Questions / Additional Information

DRAFT Rationale Document and Other
Information:

<http://ndep.nv.gov/admin/public.htm>