

APPENDIX A: SPECIES SPECIFIC RECOMMENDATIONS

These reasonable recommendations are derived from the best available science and represent preferred management actions to protect wildlife and wildlife habitats where oil and gas development is occurring.

CUTTHROAT TROUT

- No surface disturbance within 300 feet of any water within a Designated Cutthroat Trout Habitat watershed.
- Avoid surface facility density in excess of 10 well pads per 10-square mile area (one well pad per section) in Designated Cutthroat Trout Habitat watersheds.
- When surface density of oil and gas facilities exceeds 1 well pad/section, initiate a Comprehensive Development Plan (CDP) that includes recommendations for off-site and compensatory mitigation actions.
- Bridge stream crossings or use culverts to prevent stream bed damages and the transfer of disease organisms.
- Minimize stream disturbances during June and July to avoid impacts to spawning cutthroat trout.
- When working in designated cutthroat trout habitat, disinfect heavy equipment, hand tools, boots and any other equipment that was previously used in a river, stream, lake, pond, or wetland prior to moving the equipment to another water body. The disinfection practice should follow this outline:
 - Remove all mud and debris from equipment and spray/soak equipment with a 1:15 solution of disinfection solution containing the following ingredients:
 - Dialkyl dimethyl ammonium chloride, 5-10% by weight;
 - Alkyl dimethyl benzyl ammonium chloride, 5-10% by weight;
 - Nonyl phenol ethoxylate, 5-10% by weight;
 - Sodium sesquicarbonate, 1-5%;
 - Ethyl alcohol, 1-5%; and
 - Tetrasodium ethylene diaminetetraacetate, 1-5%
 - and water, keeping the equipment moist for at least 10 minutes and managing rinsate as a solid waste in accordance with local, county, state, or federal regulations; or
 - Spray/soak equipment with water greater than 140 degrees Fahrenheit for at least 10 minutes.
 - Sanitize water suction hoses and water transportation tanks (using methods described above) and discard rinse water at an appropriately permitted disposal facility.