5. Design and construct all stream crossings and other instream structures to allow passage of flow and sediment, to withstand expected flood flows, and allow free movement of resident aquatic life. (FSH 2509.25-2006-2 R2 AMENDMENT)
6. Conduct actions so that stream patterns, geometry, and habitats maintain or improve long-term stream health. (FSH 2509.25-2006-2 R2 AMENDMENT)
7. Maintain long-term ground cover, soil structure, water budgets, and flow patterns of wetlands to sustain their ecological function. (FSH 2509.25-2006-2 R2 AMENDMENT)
8. Manage stream flows under appropriate authorities to minimize damage to scenic and aesthetic values, fish and wildlife habitat, and to otherwise protect the environment. (FSH 2509.25-2006-2 R2 AMENDMENT)
9. Manage water-use facilities to prevent gully erosion of slopes and to prevent sediment and bank damage to streams. [R2 Desk Guide]
10. Place new sources of chemical and pathogenic pollutants where such pollutants will not reach surface and groundwater. (FSH 2509.25-2006-2 R2 AMENDMENT)
11. Apply runoff controls to disconnect new pollutant sources from surface and groundwater. [R2 Desk Guide]
12. Apply chemicals using methods that minimize risk of entry to surface and groundwater. Exception: EPA certified piscicides used to eradicate undesired, non-native aquatic species are exempted from this standard. [R2 Desk Guide]
13. Permit water developments and movement of stream or lake sediments only when evidence exists that disease-causing organisms or undesirable species would not be introduced into otherwise uncontaminated waters.[Medicine Bow NF]
14. Design activities to protect and manage the riparian ecosystem. Maintain the integrity of the ecosystem including quantity and quality of water. [R2 Desk Guide]
15. In watersheds containing aquatic, wetland or riparian dependent TES species, allow activities and uses within 300 feet or the top of the inner gorge, (whichever is greater), of perennial and intermittent streams, wetlands and lakes (over 1/4 acre) only if onsite analysis shows that long-term hydrologic and riparian function, channel stability, riparian and stream habitat will be maintained or improved. [R2 Desk Guide]