

Tribe:

| Resource | NRCS Resource Concern | Examples of Tribal Resource Concerns | Examples of Potential solutions |
|-----------------------------|---|---|--|
| Soil Erosion | Concentrated flow erosion | forest road runoff | install cross drains, ditch cleanout on access road |
| | Excessive Bank Erosion from streams, shoreline and water Conveyance channels | Excessive Bank Erosion from streams, shoreline and water conveyance channels | riparian planting, stream bank stablization - for example large woody debris |
| | Sheet, rill, & wind erosion | typically not a concern in Western WA on crop lands but a problem on access roads | planting and/or seeding or cross drains etc. |
| Soil Quality Degradation | Organic matter depletion | slash burning on forest lands | slash management alternatives |
| | Compaction | surface ponding or runoff, for example: using equipment or having livestock on the land at the wrong time of the year | Seasonal exclusion of equipment or livestock from saturated soils |
| | Subsidence | for example: where the land settles causing a problem for restoration | |
| Excess \ Insufficient Water | Inefficient use of irrigation water | affected tributaries flowing into fish bearing streams | irrigation water management |
| Water Quality Degradation | Elevated water temperature | lack of riparian planting for temperature | |
| | Excess nutrients in surface and ground waters | animals in the water, over application of nutrients ground water or surface water | fencing, nutrient management, alternative watering source |
| | Excessive salts in surface waters and ground waters | aquatic mixing zones | more efficient irrigation water management |
| | Pesticides transported to surface and ground waters | pesticides in surface and ground water | pest management and buffer zones |
| | Excess pathogens and chemicals from manure, bio-solids or compost applications. | <i>see excess nutrients above</i> | |
| | Petroleum, heavy metals and other pollutants transported to receiving | Storm water runoff | holding ponds, filter strips |
| | Excessive sediment in surface waters | aquatic habitat quality | buffers to control sediment |

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| Degraded Plant Condition | Undesirable plant productivity and health | lack of riparian planting for temperature | planting, prairie and forest stand management, |
| | | culturally relevant plant communities | habitat restoration |
| | | forest health | growth rate |
| | | pesticide use in culturally sensitive areas | use targeted pest control |
| | Excessive plant pest pressure | invasive noxious weeds | removal of invasive species |
| Wildfire hazard, excessive biomass accumulation | forest health | fuels reduction | |
| Inadequate Habitat For Fish And Wildlife | Habitat degradation | Bank Armoring bad for fish habitat | engineered log jams, large woody debris |
| | | culturally sensitive fish and wildlife | prairie and riparian restoration, habitat improvement for wildlife for example management for deer, elk, turkey habitat |
| | | invasive species in riparian zones | riparian restoration |
| Livestock Production Limitation | Inadequate feed and forage | | grazing management systems |
| | Inadequate livestock shelter | | windbreaks, etc. |
| | Inadequate Livestock Water | | water troughs and pipelines |
| Air Quality Impacts | Emissions of particulate matter (PM) | | |
| | Emissions of Ozone Precursors | | |
| | Objectionable Odors | | |
| | Emission of greenhouse gases (GHGs) | | |

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| Inefficient Energy Use | Inefficient use of energy in the Farm Operation increases dependence on non-renewable energy sources that can be addressed through improved energy efficiency and the use of on-farm renewable energy sources | fish hatcheries/shellfish operations inefficient use of outdated pumps, motors, freezers, etc. | evaluation through conservation activity plans; update equipment, solar power, wind power, |
| | Inefficient use of energy in field operations increases dependence on non-renewable energy sources that can be addressed through improved efficiency and the use of on-farm renewable energy sources. | | |
| Special Environmental Concerns | Federally threatened and endangered species | habitat decline | restore and protect habitat |
| | Federal species of concern and declining species | | |