

NRCS – 31 RESOURCE CONCERNS AND COMPONENTS

SOIL EROSION

- 1 - Sheet, Rill, & Wind Erosion
 - 1a - Sheet and Rill*
 - 1b - Wind*
- 2 - Concentrated Flow Erosion
 - 2a - Ephemeral Gullies*
 - 2b - Classic Gullies*
- 3 - Excessive bank erosion from streams, shorelines, or water conveyance channels

SOIL QUALITY DEGRADATION

- 4 - Subsidence
- 5 - Compaction
- 6 - Organic Matter Depletion
- 7 - Concentration of Salts or other Chemicals

EXCESS WATER

- 8 - Ponding, flooding, seasonal high water table, seeps, and drifted snow
 - 8a - Ponding and Flooding*
 - 8b - Seasonal High Water Table*
 - 8c - Seeps*
 - 8d - Drifted Snow*

INSUFFICIENT WATER

- 9 - Inefficient Moisture Management
- 10 - Inefficient Use of Irrigation Water

WATER QUALITY DEGRADATION

- 11 - Excess nutrients in surface and ground waters
 - 11a - Excess Nutrients in Surface Water*
 - 11b - Excess Nutrients in Groundwater*
- 12 - Pesticides transported to surface and ground waters
 - 12a - Pesticides transported to Surface Water*
 - 12b - Pesticides transported to Ground water*

WATER QUALITY DEGRADATION (cont)

- 13 - Excess pathogens and chemicals from manure, bio-solids or compost applications
 - 13a - Pathogens and Chemicals from manure, bio-solids, or compost applications transported to Surface Water*
 - 13b - Pathogens and Chemicals from manure, bio-solids, or compost applications transported to Groundwater*
- 14 - Excessive salts in surface water and ground waters
 - 14a - Excessive Salts in Surface Water*
 - 14b - Excessive Salts in Groundwater*
- 15 - Petroleum, heavy metals and other pollutants transported to receiving waters
 - 15a - Petroleum, Heavy metals, and Other Pollutants transported to Surface Water*
 - 15b - Petroleum, Heavy metals, and Other Pollutants transported to Groundwater*
- 16 - Excessive Sediment in Surface Water
- 17 - Elevated Water Temperature

AIR QUALITY IMPACTS

- 18 - Emissions of Particulate Matter (PM) and PM Precursors
- 19 - Emission of Greenhouse Gases (GHGs)
- 20 - Emissions of Ozone Precursors
- 21 - Objectionable Odors

DEGRADED PLANT CONDITION

- 22 - Undesirable Plant Productivity and Health
- 23 - Inadequate Structure and Composition
- 24 - Excessive Plant Pest Pressure
- 25 - Wildfire Hazard, Excessive Biomass Accumulation

INADEQUATE HABITAT FOR FISH AND WILDLIFE

26 - Habitat Degradation

- 26a - Quantity, quality of food is inadequate to meet requirements of identified fish, wildlife or invertebrate species*
- 26b - Quantity, quality of water is inadequate to meet requirements of identified fish, wildlife or invertebrate species*
- 26c - Quantity, quality of cover/shelter is inadequate to meet requirements of identified fish, wildlife or invertebrate species*
- 26d - Habitat continuity and/or space is inadequate to meet requirements of identified fish, wildlife or invertebrate species*

LIVESTOCK PRODUCTION LIMITATION

- 27 - Inadequate Feed and Forage**
- 29 - Inadequate Livestock Shelter**
- 29 - Inadequate Livestock Water**

INEFFICIENT ENERGY USE

- 30 - Equipment and Facilities**
- 31 - Farming/Ranching Practices and Field Operation**

Note: Highlighted entries depict the set of 31 Resource Concerns which are used for definitions, fact sheets, CPA-52 documentation, and Resource Inventory Checklists. Italicized entries show the subdivisions within some of the Resource Concern categories for a total of 44 Resource Concern Components. The Resource Concern/Components are used for Planning Criteria, Assessment Tools, CPPE, ProTracts Ranking, and eventually will be incorporated into Toolkit. They are depicted as numbered items 1a, 1b, 2a, 2b, 3, 4, 5, 6, 7, 8a, 8b, 8c, 8d, 9, 10, etc.