

Conservation Practice Physical Effects – Restoration & Management Of Declining Habitats (643)

Soil Resource Problem/Consideration	Effect
1. Erosion (a) Sheet and Rill (b) Wind (c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbank and Construction Sites (i) Safety 2. Condition (a) Soil Tilth Crusting, Water Infiltration, Organic Material (b) Soil Compaction <u>Soil Contaminants</u> (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Animal Wastes & Other Organics (e) Excess Fertilizer (f) Excess Pesticides 3. Deposition (a) Damage: Onsite (b) Damage: Offsite (c) Safety: Onsite (e) Safety: Offsite	Significant + Significant + Significant + Moderate + Significant + Significant + Moderate + Not Applicable Not Applicable Significant + Significant + Slight + Moderate + Significant + Significant + Moderate + Significant + Moderate + Significant +
Water Resource Problem/Consideration	Effect
1. Quantity (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality <u>Groundwater Contaminants</u> (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens <u>Surface Water Contaminants (Streams and Lakes)</u> (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens (o) Aquatic Habitat Suitability	Moderate + Moderate + Moderate + Slight + Not Applicable Moderate + Moderate + Moderate + Moderate + Slight + Slight + Slight + Negligible Slight + Significant + Significant + Significant + Moderate + Slight + Slight + Moderate + Slight + Moderate + Slight + Moderate +

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Air Resource Problem/Consideration	Effect
1. Quality (a) Sediment and Smoke Particulates Causing Safety Problems: Onsite (b) Sediment and Smoke Particulates Causing Safety Problems: Offsite (c) Sediment Particulates Causing Machinery Vehicle, or Structure Problems: Onsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite (j) Airborne Odors 2. Condition (a) Air Temperature (b) Air Movement (c) Humidity	Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Moderate+ Slight+ Slight+ Moderate+ Moderate+
Plant Resource Problem/Consideration	Effect
1. Suitability (a) Plants are not well adapted to site (b) Plants are unsuitable for intended use 2. Condition Productivity (Kinds, Amounts & Distribution) (a) Cropland (b) Hayland and Pastureland (c) Rangeland (d) Seeded Rangeland (e) Annual Rangeland (f) Forestland (g) Other Land (Wildlife, Recreation etc.) (h) Health and Vigor (i) Plant Damage by Wind Erosion 3. Management (a) Establishment, Growth, and Harvest (b) Nutrient Management (c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Significant+ Significant+ Not Applicable Not Applicable Significant+ Not Applicable Not Applicable Significant+ Significant+ Moderate+ Moderate+ Significant+ Significant+ Significant+
Animal Resource Problem/Consideration	Effect
1. Habitat <u>Domestic Animals</u> (a) Food (b) Cover or Shelter (c) Quantity and Quality of Drinking Water <u>Wildlife</u> (d) Food (e) Cover or Shelter (f) Quantity and Quality of Drinking Water 2. Management (a) Population / Resource Balance (b) Animal Health	Moderate+ Moderate+ Moderate+ Significant+ Significant+ Significant+ Significant+ Moderate+