

CONSULTATION AND COORDINATION

Council on Environmental Quality NEPA regulations at 40 CFR 1502.25 require that *to the fullest extent possible, agencies shall prepare draft environmental impact statements concurrently with and integrated with environmental impact analyses and related surveys and studies required by the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.), the National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), and other environmental review laws and executive orders. The draft environmental impact statement shall list all Federal permits, licenses, and other entitlements, which must be obtained in implementing the proposal. If it is uncertain whether a Federal permit, license, or other entitlement is necessary, the draft environmental impact statement shall so indicate.*

At the programmatic level, NRCS is not seeking the site-specific studies or individual project permits noted in the regulations, but in a more general way has involved other agencies in development of the EWP PEIS and integration of environmental requirements in its decisionmaking, which will affect decisions made at EWP sites in the future. NRCS has involved other Federal agencies, including the U.S. Forest Service, U.S. Fish and Wildlife Service, EPA, CEQ, FEMA, and the U.S. Army Corps of Engineers, in defining the EWP Proposed Action and alternatives and in reviewing early drafts of the PEIS. NRCS has taken care to ensure that the concerns of those agencies have been well considered in all aspects of the proposed Program. A large part of the improvement NRCS proposes to make in the EWP Program is in terms of better communication, coordination, and planning with Federal, State, and local agencies in implementing EWP restoration work and easements and in protecting T&E species, cultural resources, wetlands, and other sensitive resources and helping in general to restore watershed health. Table C&C-1 lists applicable laws and regulations relevant to the analysis of EWP project impacts

Coordination with other agencies in emergency restoration work is described in the PEIS in Chapter 2, improvements in coordination in Chapter 3. Appendix A presents the details of agency participation in the scoping process for the PEIS and presents the programs and responsibilities of other agencies that are relevant to NRCS meeting its coordination and consultation responsibilities. The cumulative impacts analysis presented in Chapter 5 describes how actions of other agencies factor into the cumulative impacts of the EWP Program in selected example watersheds and Alternative 3 proposes a watershed based program that would involve an enhanced level of coordination with other agencies. Consistent with its mission and resources, NRCS will continue to seek ways to improve its programs in terms of agency consultation and coordination.

Table C&C-1 -- Relevant Federal Statutes and Regulations

Environmental Resource	Principal Legal and Regulatory Authority
Environmental Quality	National Environmental Policy Act, 42 U.S.C. 4321 et seq. (Council on Environmental Quality (CEQ) Policy Regulations, 40 CFR 1500-1508; Department of Agriculture NEPA Regulations, 7 CFR Parts 1b, 3100; Natural Resources Conservation Service Compliance with NEPA, 7 CFR Part 650.)
Soils	Flood Control Act of 1950, 33 U.S.C. § 701b-1, Section 216, Public Law 81-516, as amended; Agricultural Credit Act of 1978, 16 U.S.C. § 2203, Public Law 95-334; Federal Agricultural Improvement and Reform Act of 1996, 16 U.S.C. § 2203, Public Law 104-127 (Emergency Watershed Protection Regulations, 7 CFR Part 624).
Water Quality and Resources	Clean Water Act, 33 U.S.C. 1251 et seq.; Wild and Scenic Rivers Act, 16 U.S.C. § 1271 et seq. (Clean Water Act Wetlands Regulations, 33 CFR Parts 220-230, 40 CFR Part 320; Wild and Scenic Rivers Act Regulations, 36 CFR Part 297 Subpart A; see also Executive Order 11988, Floodplain Management; Executive Order 11990, Protection of Wetlands.)
Air Quality	Clean Air Act, 42 U.S.C. § 7401 et seq. (Clean Air Act Regulations, 40 CFR Parts 50-53, 60, 61 67, 81, 82.)
Biota	Endangered Species Act, 16 U.S.C. § 1531 et seq.; Fish and Wildlife Coordination Act, 16 U.S.C. § 661 et seq.; Wild and Scenic Rivers Act, 16 U.S.C. § 1271 et seq. (Endangered Species Act Regulations, 50 C.F.R. Parts 17 and 23 ; Wild and Scenic Rivers Act Regulations, 36 CFR Part 297 Subpart A.)
Recreation	Wild and Scenic Rivers Act, 16 U.S.C. § 1271 et seq. (Wild and Scenic Rivers Act Regulations, 36 CFR Part 297 Subpart A.)
Cultural Resources	National Historic Preservation Act of 1966, 16 U.S.C. § 470(f); Archaeological and Historic Preservation Act of 1974, 16 U.S.C. § 469-469c; Archaeological Resources Protection Act of 1979, 16 U.S.C. § 470aa-470ll; Native American Graves Protection and Repatriation Act, 16 U.S.C. §470aa et seq.; Wild and Scenic Rivers Act, 16 U.S.C. § 1271 et seq. (National Historic Preservation Act Regulations, 36 CFR Parts 60, 61, 63, 65, 68, 79, and 800; Archaeological and Historic Preservation Act Regulations, 36 CFR Part 800; Native American Graves Protection and Repatriation Act Regulations, 43 CFR 10; Wild and Scenic Rivers Act Regulations, 36 CFR Part 297 Subpart A; see also Executive Order 13007, Access to Sacred Sites.)

Environmental Resource	Principal Legal and Regulatory Authority
Socioeconomics, Including Effects on the Local Economy and Social Resources	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601.
Infrastructure	Federal Highway Act, 23 U.S.C. § 138; Intermodal Surface Transportation Efficiency Act, as amended, 23 U.S.C. §§ 101(a) and 133.
Aesthetics	Wild and Scenic Rivers Act, 16 U.S.C. § 1271 et seq. (Wild and Scenic Rivers Act Regulations, 36 CFR Part 297 Subpart A.)
Land Use, Land Valuation, Prime and Unique Farmland, and Zoning Conflicts	Farmland Protection Policy Act, 7 U.S.C. § 420l et seq.; Land and Water Conservation Fund Act of 1974, 16 U.S.C. §§ 4601-4604; Coastal Zone Management Act, 16 U.S.C. § 1451, et seq. (Farmland Protection Policy Act Regulations, 7 CFR Parts 657 and 658; see also CEQ Memorandum of August 1, 1980: Analysis of Impacts on Prime or Unique Agricultural Lands in Implementing the National Environmental Policy Act.)
Hazardous Substances, Regulated Materials, and Solid and Hazardous Waste	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) (as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA)), 42 U.S.C. § 9601 et seq.; Resource Conservation and Recovery Act of 1976 (RCRA) as amended by the Solid Waste Disposal Act of 1980 and the Hazardous and Solid Waste Amendments of 1984, 42 U.S.C. § 6901 et seq. (CERCLA Regulations, 40 CFR Parts 300, 302, 355, 370, and 373; RCRA Regulations, 40 CFR Parts 240-280.

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c/o Omeagia Burgess	South Carolina Office of State Budget	SC
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Daniel Griffith, SHPO	Delaware Division of Historical and Cultural Affairs	DE
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Barbara Childs-Pair, Director	District of Columbia Emergency Management Agency	DC
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David M. Sanko, Director	Pennsylvania Emergency Management Agency	PA
Michael Shaver	Big Valley Rancheria	CA
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James Bassham, Director	Tennessee Emergency Management Agency	TN
Cathie Matthews, SHPO	Department of Arkansas Heritage	AR
Bob Hokanson	New York Farm Bureau	NY
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Judith Bittner	Alaska Department of Natural Resources, Office of History & Archeology	AK
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Cristine McCombs, Director	Massachusetts Emergency Management Agency	MA
Captain John Ort, Deputy State Director	Michigan State Police, Division of Emergency Management	MI
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c/o Robert C. Shinn	New Jersey Department of Environmental Protection	NJ
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GLOSSARY

Agricultural Land — Any land in agricultural uses such as crops, pasture, or haying.

Armoring — The practice of installing erosion control and stream bank protection measures. Examples include loose rock riprap, gabions, rootwads, and revetments.

Beneficiary — Recipient of the advantages, tangible or intangible, gained by the installation or construction of a system or works for one or more given purposes.

Benthos — The community located at the bottom of a body of water.

Benthic — Relating to organisms or processes in the benthos.

Biota — Collectively, the plants, microorganisms, and animals of a certain area or region.

Brush Mattress — A live construction that places living branches close together to form a mattress-like cover over the ground. This mattress is intended to grow and protect the bank from erosion.

Causal Flow Diagram — Flowchart that illustrates a series of actions and the cascade of effects from those actions.

Channel — A natural or artificial waterway that periodically or continuously contains moving water. It has a definite bed and banks that confine the water.

Channel Capacity — Volume of water a stream channel can transport.

Channel Structure — The physical components of a stream channel such as a low-flow channel, sinuosity, stream gradient and substrate type.

Check Dam — A small dam constructed in a drainageway across a slope or at the toe of a slope to reduce downslope erosion by restricting flow velocity.

Cobble — Sediment particles larger than pebbles and smaller than boulders. Usually 64-256 mm (3-8 inches) in diameter.

Codified Rule — A regulation in the Code of Federal Regulations implementing a law. The EWP rule is a codified rule.

Community Services — Services provided by a local government funded by tax revenues. Examples include police, water, sewer, recreation, schools, and fire protection.

Comprehensive Plan — A general policy plan that guides a jurisdiction in its future policy decisions; some include, but are not limited to — land development, protection of the environment, provision of housing, transportation, and recreation; document is not legally binding, and is merely a policy guideline.

Contour Felling — Cut tree placed in horizontal position on side slope to divert and slow water flow.

Contour Trenching — Ditch-like trenches dug in horizontal position on side slope to divert and slow water flow and store accelerated soil erosion.

Conveyances — A means of transport (such as drainage ditches or pipelines).

Cost Sharing — A publicly financed program through which society, as a beneficiary of environmental protection, shares part of the cost of pollution control with those who must actually install the controls; in Superfund, the Government may pay part of the cost of a cleanup action with those responsible for the pollution paying the major share.

Cultural Resources — (also **Heritage Resources**) Remains or records of districts, sites, structures, buildings, neighborhoods, objects, and events from the past; may be historic, prehistoric, archeological, or architectural in nature; cultural resources include historic properties as defined by the National Historic Preservation Act, but also include other tangible and intangible resources such as traditional cultural places and practices, folkways, traditions, landscapes, etc.

Dam — Any artificial barrier which impounds or diverts water. A dam is generally considered hydrologically significant if it is (1) one and one quarter feet (0.4 meters) or more in height from the natural bed of the stream and has a storage of at least 15 acre-feet, or (2) has an impounding capacity of 50 acre-feet or more and is at least six feet (2 meters) above the natural bed of the stream.

Damage Survey Report (DSR)— A summary document of the evaluation conducted for an EWP practice (it is not intended to be a substitute for that evaluation).

Debris — Any material, organic, or inorganic, floating or submerged, moved by a flowing stream or water body.

Debris Basin — Structure used in stream channels to control large flows of water and debris. The debris basin causes ponding, which slows the water velocity and allows debris to settle out.

Defensibility — The extent to which an alternative action is (1) more beneficial than adverse in the extent and intensity of its environmental and economic effects; (2) in compliance with Federal, State, and local laws; (3) Acceptable to affected individuals and communities; (4) effective in restoring or protecting the natural resources; (5) complete with all the necessary components included; and (6) efficient in achieving the desired outcome.

Deferred Assessment (use-value) — Farmland assessed at the agricultural value rather than market value.

Deposition — The settlement of material out of the water column and onto the streambed or floodplain. Occurs when the flowing water is unable to transport the sediment load.

Dewatering — Diverting water so operations can be completed in-stream under relatively dry conditions.

Dike — An artificial embankment constructed to prevent flooding.

Disaster Assistance Recovery Training Team (DART)— A national team established to provide training to states to enable a state to effectively and efficiently respond to a watershed emergency.

Disaster Prone — A watershed would be considered disaster-prone if it is repeatedly damaged by similar disasters. Recurring flood damages would be the most common example in this case.

Diversion — The taking of water from a stream or other body of water into a canal, pipe, or other conduit.

Easement — The right of a person, government agency, or public utility company to use public or private land owned by another for a specific purpose.

Eligibility — Qualified to participate or be chosen; something warranting EWP action, meeting criteria of impairment and defensibility.

Eligible Impairment — Impairment that warrants EWP action.

Eligible Practice — Practice meeting eligibility requirements that is funded for installation.

Eligible Site — Site meeting criteria of impairment and defensibility; a threat to life and property exists under a disaster declared by the State Conservationist.

Emergency Measures — Actions implemented to remove or reduce hazards created by a natural disaster to safeguard life and property.

Environmental Impacts — The likely effects of a natural occurrence or proposed project, activity, or policy on the environment, both positive and negative.

Environmental Justice — Fair treatment of all races, cultures, incomes, and educational levels with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies, fair treatment implies that no population of people should be forced to

shoulder a disproportionate share of the negative environmental impacts of pollution or environmental hazards due to a lack of political or economic strength levels.

Erosion — The wearing down or washing away of soil and land surface by the action of water, wind, or ice.

Estate Tax — A tax levied on one's personal estate at the time of death.

Exigency — Those situations that demand immediate action to avoid potential loss of life or property, including situations where a second event may occur shortly thereafter that could compound the impairment, cause new damages or the potential loss of life if action to remedy the situation is not taken immediately.

Farmland Preservation — The use of conservation easements and economic programs to maintain the continued viability of agricultural operations and protect farmland from being sold for development.

Fasine — A securely bound, thick roll consisting of live or dead branches, coir, or other organic or inorganic material.

Federal Disaster Assistance — Assistance available to communities through several federal programs for post-disaster needs.

Field Office Technical Guide — Technical reference source used by field offices in providing guidance to owners and operators of agricultural land.

Financial Assistance — Money used to build an NRCS practice.

Fine Sediment — Mineral and organic particles smaller than 6.3 millimeters.

Fishery — A population of fish or shellfish in a waterbody. It may be naturally self-sustaining or augmented by hatchery-raised fish. The species may or may not be of recreational value.

Floodplain — The lowland which borders a river, usually dry but subject to flooding. Also the portion of a river valley which has been inundated by the river during historic floods.

Floodplain Conservation Easement — Permanent legal agreement between a landowner and a public agency or private, non-profit conservation organization; residential, industrial, and commercial development and subdivisions are not allowed in a floodplain; these restrictions are binding on all future owners if the property and are enforced by the agency or conservation organization which holds the easement.

Floodplain Deposition — The settlement of material out of the water column floodplain.

Floodplain Easements — Acquisition of a perpetual, legal interest in property that limits owner's use of the land in order to reduce flood damage claims and provides benefits for wildlife habitat and floodplain hydrology.

Floodplain Ordinance — Local ordinance, often part of a zoning ordinance that establishes restrictions for development and uses within the designated floodplain and/or floodway.

Floodplain Restoration — Returning natural floodplain function by removing or not repairing structures that impede flooding. It may also include changes in land use and vegetation planting in the floodplain easement.

Flood-proofing — Often referring to elevation building requirements. Elevating structures within an existing floodplain to FEMA-designated one foot above flood stage.

Fluvial — Of or pertaining to rivers; produced by river action.

Gabion — A large wire-mesh basket filled with stone and placed along streambanks and streambeds of smaller streams for stabilization and grade control.

Geomorphology — The science that treats the general configuration of the earth's surface; specifically the study of the classification, description, nature, origin, and development of landforms and their relationships to underlying structures, and of the history of geologic changes as recorded by these surface features.

Geotextile Fabric — Material used in soil bioengineering to stabilize banks and to retard soil erosion, often used beneath riprap or with vegetative plantings.

Gravel — Sediment particles larger than sand and ranging from 2 to 64 mm in diameter.

Groundwater — Water found in that portion of the soil that is always saturated or below the water table.

Habitat — A place where a biological organism lives. The organic and non-organic surroundings that provide life requirements such as food and shelter.

Habitat Structure — The organization of an animal, plant, or human's natural surroundings in which they live.

High Density Development — Higher number of dwelling units per unit of land.

Hydraulic Capacity — *see channel capacity*

Hydrologic Units — System used by the United States Geologic Survey to divide the United States and the Caribbean into 21 major resource regions (2 digit units), 222 sub-regions (4 digit

units), 352 accounting units (6 digit units) and 2,150 cataloging units delineating river basins usually greater than 700 square miles (8 digit units).

Hydrology — The applied science concerned with the waters of the earth, their occurrences, distribution, and circulation through the unending hydrologic cycle (precipitation, consequent runoff, infiltration, and storage; evaporation; and condensation). It is concerned with the physical and chemical reaction of water with the rest of the earth, and its relation to the life of the earth.

Imminent Threat — A substantial natural occurrence that could cause significant damage to property and/or threaten human life.

Immotile — Not moving or not intended to be moved.

Impoundment — A water body that is formed by the construction of a dam or a dike system.

Infiltration — Movement of water through the soil surface into the soil.

In-kind Services — A barterlike arrangement by sponsors to provide their portion of the cost share in labor or materials, as opposed to cash.

Installed Practice — *see practice*

In-stream Flow — Pertaining to the flow of water in a river or stream.

Interdisciplinary Team — The NRCS team of preparers of the EWP PEIS who analyzed EWP Program impacts on watershed ecosystems and human communities. The ID Team fulfills the requirements of CEQ regulations at 40 CFR 1502.6 Interdisciplinary preparation--Environmental impact statements shall be prepared using an inter-disciplinary approach that will insure the integrated use of the natural and social sciences and the environmental design arts (section 102(2)(A) of the Act). The disciplines of the preparers shall be appropriate to the scope and issues identified in the scoping process (Sec. 1501.7).

Land Management Plan — Policy plan that details the long-term vision of land uses and their ecological effects for a natural area.

Levee — An embankment built along a watercourse to prevent high water from flooding the adjacent land.

Limited Resource Area or Community — A unit of government or a group of people within a bounded geographical area who interact within shared institutions, and who possess a common sense of interdependence and belonging, where (1) housing values are less than 75 percent of the State housing value average, and (2) per capita income is 75 percent or less than the national per capita income, and (3) unemployment is at least twice the U.S. average over the past three years based upon the annual unemployment figures. This can be determined in the pre-disaster

planning phase and applies to the entire county regardless of the income of the particular community.

Locally-led Measure — Actions for which the impetus lies in the hands of the local community.

Low Density Development — Lower number of dwelling units per unit of land.

Natural Occurrence -- Includes, but is not limited to, floods, fires, windstorms, hurricanes typhoons, tornadoes, earthquakes, volcanic actions, slides, and drought.

Non-agricultural Land — Land not classified as agricultural in the EWP Program or local planning ordinances.

Non-exigency — Situation when the near-term probability of damage to life or property is high enough to constitute an emergency but not sufficiently high to be considered an exigency.

Non-point Source Discharge — A source of water pollution that originates from a broad area, such as agricultural chemicals applied to fields or acid rain.

Nutrient — Any substance assimilated by living things that promotes growth; term is generally applied to nitrogen and phosphorus in wastewater, but is also applied to other essential and trace elements.

Operation and Maintenance — Once a practice is installed, a responsibility exists for maintenance.

Overburden — (a) The upper part of a sedimentary deposit, compressing and consolidating the materials below. (b) The loose soil or other unconsolidated material overlying bedrock, either transported or formed in place.

Overwash Area — Water that flows behind structures such as dams, dikes, or levees. The water gets out of its “confinement.”

Planned Development — Development usually in whole or in part residential, as one unit on one parcel of land.

Point Source Discharge — A source of water pollution that originates from a single point, such as an outflow pipe from a factory.

Pollutant —Something that makes one’s surroundings physically impure or unclean.

Practice — A particular action used in the EWP Program at a site to mitigate effects of natural disasters.

Presidentially-declared Disaster — The President of the United States declares a disaster, invoking the Federal Emergency Management Agency (FEMA). Some of these disasters trigger the affected State Conservationist to invoke the EWP Program.

Preventative Measure — Measures undertaken to minimize damage to a watershed should a natural disaster occur in the future.

Project Sponsor — A legal subdivision of a State government, a State agency, any other governmental entity, a qualified Native American tribe or tribal organization as defined in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b), that has a legal interest in or responsibility for the values threatened by a watershed emergency, is capable of obtaining necessary land rights, and is capable of carrying out any O&M responsibilities that may be required. A sponsor is not required for the purchase of the floodplain easements.

Property — Permanent improvements such as homes, businesses, farmsteads, and conservation practices.

Quasi-judicial Decision — Land use decision that requires a fact-finding hearing of the case. Decisions must be made on evidence.

Rational Nexus — This is determined between the ends of a goal and the means by which it is achieved. Benefits must be related to the way in which they were achieved.

Reach — The length of a river between two gauging stations. More generally, any length of a river.

Reach and Flow — The unimpeded, out-of-bank flow of the river over the floodplain.

Recovery Measure — A restoration practice

Recovery Work — Work done to install restoration practice.

Revetment — A facing of stone, wood, or natural materials, placed on a bank as protection against wave action or currents.

Riffle — A rocky shoal or sandbar lying just below the surface of a waterway; choppy water created by such sandbars and shoals is also referred to as a riffle.

Riffle-pool Structure — Physical structure of a stream channel, as flows pass through reaches of faster moving, turbulent riffles and slower moving pools.

Riparian — Pertaining to rivers and their banks.

Riparian Stream Border — (also **Riparian Zone**) The border or banks of a stream; although this term is sometimes used interchangeably with floodplain, the riparian zone is generally regarded as relatively narrow compared to a floodplain; duration of flooding is generally much shorter, and the timing less predictable, in a riparian zone than in a river floodplain.

Riprap — A layer, facing, or protective mound of stones placed to prevent erosion, scour, or sloughing of a structure or embankment. Also refers to the stone used.

Road - Arterial Road — Provides vehicle access to large land areas, and usually connects with other arterial (major) roads or public highways.

Road - Collector Road — Intermediate links that connect major heavily traveled, multiple-purpose arterial routes with a single resource local road.

Road - Local Road — Connects terminal facilities such as log landing and recreation sites with forest collector roads or public resource local roads.

Rock Weir — An in-stream structure consisting of a series of boulders placed across a channel and anchored to the streambed or streambank to control water flow.

Rootwad — The root mass of the tree, often embedded in streambanks for stabilization and grade control.

Runoff — Drainage or flood discharge which leaves an area as surface flow or as pipeline flow, having reached a channel or pipeline by either surface or sub-surface routes.

Sand — Mineral particles ranging from 0.0625 to 2mm (0.0025 to 0.08 inch) diameter; 0.03 inch is the normal lower limit at which the unaided human eye can distinguish an individual particle.

Scope — The range of actions, alternatives, and impacts to be considered in an EIS.

Scoping — Process used to determine, through public involvement, the range of issues that the planning process should address.

Scour — Concentrated erosive action of flowing water in streams that removes material from the bed and banks.

Sediment — Soil particles that have been transported and/or deposited by wind or water action.

Sedimentation — When soil particles (sediment) settle to the bottom of a waterway.

State Historic Preservation Office (SHPO) — Office that supports the State Historic Preservation Officer, appointed by the governor to oversee the State Historic Preservation Program.

Silt — Slightly cohesive to noncohesive soil composed of particles that are finer than sand but coarser than clay, commonly in the range of 0.004 to 0.0625 mm.

Single-Family Development — The development of land consisting entirely of single-family residential units. Single family is often defined as a dwelling in which no more than 2 or 3 unrelated people reside together.

Soil-bioengineering — Technique of using live plantings for stream and watershed stabilization.

Special Use Permit — Permit required in order for a special use to be allowed in a zone not regularly allowing such a use. (e.g. airport in a general agricultural zone)

State Conservation Engineer — A registered professional engineer who has authority over all NRCS-conducted engineering work.

State Conservationist — NRCS principal responsible for all NRCS activities in the state.

State Office — State NRCS headquarters.

State Technical Committee — Representatives of USDA, other federal and state agencies, and local groups interested in agriculture that help set priorities and provide guidance for NRCS programs. Members are invited by the State Conservationist.

Streambank — The portion of the channel cross-section that restricts lateral movement of water. A distinct break in slope from the channel bottom.

Subdivision — The division of land, lot, tract, or parcel into two or more lots, parcels, plats, or sites, or other divisions of land for the purpose of sale, lease, offer, or development, whether immediate or future. The term shall also include the division of residential, commercial, industrial, agricultural, or other land whether by deed, metes and bounds description, lease, map, plat or other instrument.

Sudden Impairment — Result of natural occurrence or short-term combination of occurrences.

Taking — The taking of private property for a public use without the owner being "justly compensated" (usually, paid fair market value) for his or her loss.

Tax base — Fiscal base in a community from which services are provided. Different land uses contribute and demand varied amounts to the tax base.

Technical Assistance — The labor and expertise of NRCS used to build a practice.

Terrace — A flat adjacent to the river in alluvial valleys created by the abandonment of the floodplain.

Threat — The endangerment of life and property.

Tiles — Sub-surface drainage structures placed in agricultural fields to reduce opportunity for ponding and to stabilize soil to prevent saturation.

Timber Cribbing Structure — A structure of logs placed along streambanks and streambeds of smaller streams for stabilization and grade control.

Tribal Organization — Any American-Indian tribe defined in section 4 of the Indian Self-Determination and Educational Act.

Turbidity — The reduction of transparency in water due to the presence of suspended particles.

Upgradient — Upstream or uphill.

Urban Core — Center of urban activity within a metropolitan area.

Urban Services Area — Area within an urban jurisdiction which planning studies show to be most adaptable to the extension of municipal services such as street, sewers, and water.

Urbanized Area — Geographic area with a population of 2,500 or more; number of people used in this definition may vary, with some countries setting minimum number of people anywhere from 10,000 to 50,000.

Urbanizing Development — Shifting of rural communities to more urban ones, demanding increased levels of urban services. The process involves linking timing and sequencing development to capital improvements and integrating the development plan, the capital improvement budget, and zoning ordinance.

Urgent and Compelling Situation — A situation where immediate response is required to protect against an imminent threat to lives and/or property.

Watershed — Land area that drains into a stream; area of land that contributes runoff to one specific delivery point; large watersheds may be composed of several smaller "subsheds", each of which contributes runoff to different locations that ultimately combine at a common delivery point.

Watershed Emergency — Adverse impacts to resources exist when a natural occurrence causes a sudden impairment of a watershed and creates an imminent threat to life and/or property. For the watershed to be eligible for assistance, the imminent threat to life and/or property must exceed what existed before the event occurred.

Watershed Impairments — The situation that exists when the ability of a watershed to carry out its natural function is reduced to the extent where an imminent threat to health, life, or property is created. This impairment can also include sediment and debris deposition in floodplains and upland portions of the watershed.

Watershed Uplands — Portions of watershed that do not directly adjoin a permanent stream channel but may lie near intermittent streams or groundwater.

Watersheds and Wetlands Division — USDA, NRCS Headquarters Division with oversight and disbursement authority for Emergency Watershed Protection Programs.

Wetland — Any number of tidal and non-tidal areas characterized by saturated or nearly saturated soils most of the year that form an interface between terrestrial (land-based) and aquatic environments; includes freshwater marshes around ponds and channels (rivers and streams), brackish and salt marshes; other common names include swamps and bogs.

Willow Stake — Live willows that are tampered or inserted into the earth to take root and produce vegetative growth.

Woody Debris — Debris caused by a natural disaster affecting wooded areas such as forests or other vegetation.

Zoning — A mechanism that seeks to establish different land uses in different areas of a community in order to minimize conflict between them; the technique is used to establish the authorized use for different parcels of land (e.g., residential, industrial, commercial) throughout a community.

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