

RESOURCE: ANIMALS

Urban Conservation Practice Physical Effects

CONSIDERATIONS:		(1) HABITAT		(2) MANAGEMENT					
ASPECTS/ PROBLEMS		FOOD	COVER OR SHELTER	QUANTITY AND QUALITY OF DRINKING WATER	POPULATION/ RESOURCE BALANCE	ANIMAL HEALTH			
PRACTICE									
TYPE OF PRACTICE	RESOURCE PROBLEM/ CONSIDERATIONS DEFINITION	Quantity and quality of food are not provided to meet the seasonal requirements of the species of concern.	Adequate wildlife cover for the species of concern is not provided.	Adequate quantities of water of required quality are not provided for the species of concern.	Numbers and kinds of wildlife are not in balance with feed, forage, space, and habitat requirements.	Proper attention is not given to the health of the animal of concern. This includes considerations such as diseases, parasites, and insects.			
PRACTICE CODE AND NAME	OTHER EXPLANATIONS								
800 - Urban Stormwater Wetlands	A constructed system of shallow pools that create growing conditions for wetland plants to lessen the impacts of stormwater quality and quantity in urban areas.	Significant decrease because of establishment of adapted hydrophytes or upland food plants and maintenance of water quality.	Significant decrease because of establishment of adapted hydrophytes and nesting cover.	Slight to significant decrease because of creation and maintenance of impoundments.	Slight to significant decrease because of increased plant diversity and increased supply of needed food.	Moderate to significant decrease because of habitat improvement for wildlife. Moderate to significant increase because of insects, parasites, and diseases for domestic wildlife.			
806 - Construction Road Stabilization	The stabilization of temporary construction access routes, subdivision roads, on-site vehicle transportation roads, and construction parking areas with stone immediately after grading.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
808 - Culvert Inlet Protection	A temporary sediment filter located at the inlet to storm sewer culverts.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
815 - Diversion	A channel and supporting ridge constructed across the slope to collect and divert runoff.	Slight decrease because grass provides food source for wildlife on vegetated diversions.	Slight decrease because grass on vegetated diversions provides diversity, cover, and travel lanes.	Significant decrease because of increase in quantity where diversion diverts water to storage facility.	Slight decrease because of improvement in habitat.	Negligible.			
820 - Diversion Dike	A dike or dike and channel constructed along the perimeter of a disturbed construction area.	Negligible to slight decrease or increase because of water management.	Slight to moderate decrease because of vegetation diversity on dike and water management.	Negligible.	Slight to moderate decrease because of vegetation diversity on dike and water management.	Negligible.			

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825 - Dust Control	Controlling dust blowing and movement on construction sites and roads.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			
830 - Erosion Blanket	The application of a preformed protective blanket of straw or other plant residue, or plastic fibers formed into a mat, usually with a plastic mesh on one or both sides.	Negligible.	Negligible.	Not applicable.	Not applicable.	Not applicable.			
835 - Filter Strip	A created or preserved area of vegetation designed to remove sediment and other pollutants and to enhance the infiltration of surface water runoff.	Negligible to moderate decrease because of added plant diversity depending on size of area and species seeded.	Negligible to significant decrease because of improvements in cover depending on plant species, size, location and management.	Slight to significant decrease because of reduced sediment and other pollutants.	Negligible to slight decrease because of increased plant diversity and improved habitat quality.	Slight to moderate increase because of potential to add pollutants in food chain if forage from filter strips is consumed by wildlife.			
840 - Grass-Lined Channel	A natural or constructed channel that is shaped or graded to required dimensions and established with suitable vegetation for stable conveyance of runoff.	Negligible to significant decrease because of increase in food depending on size of area and species seeded.	Slight to significant decrease because of increase in vegetation depending on plant species, size, location and management.	Negligible to significant decrease because of reduction in runoff of sediment.	Slight to moderate decrease because of increase in forage availability and habitat quality.	Negligible.			
841 - Impoundment Structure-Full Flow	A dam or excavation which creates an impoundment to collect and store debris, sediment, or water.	Slight to significant decrease because of distribution of wildlife for grazing and foraging on uplands. Provides food for some fish and some wildlife.	Slight to significant decrease because of increase in cover in pond area. Slight to significant increase if pond and surrounding area create concentration of animals.	Moderate to significant decrease because of providing water during critical periods.	Slight to significant decrease because of increase in habitat and forage use.	Slight to significant decrease because of improved water source. Slight to significant increase because of parasite problems caused by animal concentration.			

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842 - Impoundment Structure-Routed	A dam or excavation which creates an impoundment to collect and store debris, sediment, or water.	Slight to significant decrease because of distribution of wildlife for grazing and foraging on uplands. Provides food for some fish and some wildlife.	Slight to significant decrease because of increase in cover in pond area. Slight to significant increase if pond and surrounding area create concentration of animals.	Moderate to significant decrease because of providing water during critical periods.	Slight to significant decrease because of increase in habitat and forage use.	Slight to significant decrease because of improved water source. Slight to significant increase because of parasite problems caused by animal concentration.			
847 - Infiltration Trench	An excavated trench filled with coarse granular material in which stormwater runoff is collected for temporary storage and infiltration.	Slight to moderate decrease if area adjacent to pit or trench is established to permanent cover of most producing plant species.	Slight to moderate decrease if area adjacent to pit or trench is established to permanent cover of most producing plant species.	Slight decrease due to temporary water storage.	Slight to moderate decrease if area adjacent to pit or trench is established to permanent cover of most producing plant species.	Negligible.			
850 - Inlet Protection-Block and Gravel	A sediment control barrier formed around a storm drain inlet by the use of standard concrete blocks and gravel.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			
855 - Inlet Protection-Excavated Drain	An excavated area in the approach to a storm drain drop inlet or curb inlet.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			
860 - Inlet Protection-Fabric Drop	A temporary fabric barrier placed around a drop inlet.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			

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861 - Inlet Protection-Gravel & Wire Mesh	A temporary sediment control barrier formed around a storm drain inlet by the use of gravel and wire mesh.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
862 - Inlet Protection-Sod Filter	A sediment filter formed around a storm drain drop inlet by the use of sod.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
863 - Inlet Protection-Straw Bale Barrier	A temporary sediment control barrier formed around a storm drain drop inlet consisting of a row of entrenched and anchored straw bales.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
865 - Land Grading	Reshaping the ground surface to planned grades as determined by engineering survey evaluation and layout.	Slight to significant increase because of changes in water regime and decreased diversity.	Slight to significant increase because of changes in water regime and decreased diversity.	Negligible to slight increase because of less water standing in field.	Slight to significant increase or decrease depending upon target species because of changes in water regime.	Negligible.			
870 - Level Spreader	A device used to disperse concentrated runoff over the ground surface as sheet flow.	Slight decrease if established to seed or forage producing plant species.	Slight to moderate decrease if established to plant species and managed to provide wildlife habitat.	Negligible.	Slight decrease if established to seed or forage producing plant species.	Negligible.			

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875 - Mulching	The application of plant residues and other suitable materials to the soil surface.	Negligible.	Negligible.	Negligible to moderate decrease because of reduced sediment yield.	Not applicable.	Not applicable.			
880 - Permanent Vegetation	Establishing permanent vegetative cover to stabilize disturbed or exposed areas.	Slight to significant decrease because of revegetating depending on size of area and plant species selected.	Slight to moderate decrease because of increased vegetation.	Significant decrease because of reduced erosion and infiltration.	Slight to significant decrease because of increased habitat quality.	Slight decrease because of improved habitat and food supply.			
890 - Permeable Pavement	A pavement consisting of materials having regularly interspersed void areas filled with pervious materials, such as vegetated soil, gravel or sand.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			
895 - Portable Sediment Tank	A compartmented container through which sediment-laden water is pumped to trap and retain the sediment.	Not applicable.	Not applicable.	Slight to moderate decrease due to sediment trapping and removal.	Not applicable.	Not applicable.			
900 - Right-of-Way Diversion	A ridge or ridge and channel constructed diagonally across a sloping road or utility right-of-way that is subject to erosion.	Slight decrease because grass provides food source for wildlife on vegetated diversions.	Slight decrease because grass on vegetated diversions provides diversity, cover, and travel lanes.	Significant decrease because of increase in quantity where diversion diverts water to storage facility.	Slight decrease because of improvement in habitat.	Negligible.			

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905 - Rock Check Dam	A small rock dam constructed across a grassed swale or road ditch.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
910 - Rock Outlet Protection	A section of rock protection placed at the outlet end of culverts, conduits, or channels.	Negligible to moderate decrease because of stabilization.	Slight decrease because grass on vegetated diversions provides diversity, cover, and travel lanes.	Negligible to moderate decrease because of reduced sediment yield from channel source.	Slight decrease because of improvement in habitat.	Negligible.			
920 - Silt Fence	A temporary barrier of entrenched geotextile fabric stretched across and attached to supporting posts used to intercept sediment-laden runoff from small drainage areas of disturbed soil.	Not applicable.	Negligible to moderate decrease because of stabilization.	Slight to moderate decrease due to sediment trapping and removal.	Negligible.	Not applicable.			
925 - Sodding	Stabilization of fine graded disturbed areas by laying a continuous cover of grass sod.	Slight to significant decrease because of revegetating depending on size of area and plant species selected.	Slight to moderate decrease because of increased vegetation.	Significant decrease because of reduced erosion and infiltration.	Slight to significant decrease because of increased habitat quality.	Slight decrease because of improved habitat and food supply.			
930 - Stabilized Construction Entrance	A stabilized pad of aggregate underlain with filter fabric at any point where traffic enters or leaves a construction site to or from a public right-of-way, street, alley or parking area.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			

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935 - Straw Bale Barrier	A temporary barrier of entrenched and anchored straw bales used to intercept sediment-laden runoff from small drainage areas of disturbed soil.	Not applicable.	Not applicable.	Slight to moderate decrease due to sediment trapping and removal.	Not applicable.	Not applicable.			
940 - Structural Streambank Stabilization	Stabilization of eroding streambanks by use of designed structural measures.	Slight to significant decrease in food depending on whether vegetation treatment is used and species planted.	Slight to significant increase especially for vegetative streambank treatment or potential for vegetative treatment into or over structural treatment (riprap).	Negligible.	Negligible.	Negligible.			
945 - Subsurface Drain	A conduit, such as corrugated plastic tubing, tile, or pipe, installed beneath the ground surface to collect and/or convey drainage water.	Negligible to significant increase or decrease depending upon target species.	Negligible to significant increase or decrease because of change in vegetation.	Slight to significant increase because of removal of water. Slight to moderate decrease because of improved collection of ground water for conveyance to storage facility.	Negligible to significant increase or decrease because of changes in plant communities.	Negligible to significant decrease because of impact on pest habitat.			
950 - Sump Pit	A temporary pit constructed to trap and filter water for pumping into a suitable discharge area.	Not applicable.	Not applicable.	Slight to moderate decrease due to sediment trapping and removal and temporary water storage.	Not applicable.	Not applicable.			
953 - Surface Roughening	A rough soil surface with horizontal grooves running across the slope on the contour, stair stepping, or tracking with construction equipment.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			

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955 - Temporary Diversion	A temporary ridge or excavated channel or combination ridge and channel constructed across sloping land on a predetermined grade.	Slight decrease because grass provides food source for wildlife on vegetated diversions.	Slight decrease because grass on vegetated diversions provides diversity, cover, and travel lanes.	Significant decrease because of increase in quantity where diversion diverts water to storage facility.	Slight decrease because of improvement in habitat.	Negligible.			
960 - Temporary Sediment Trap	A small temporary ponding basin formed by construction of an embankment or excavated basin.	Slight to moderate decrease when embankment is seeded to permanent cover.	Slight to moderate decrease when embankment is seeded to permanent cover.	Slight decrease if basin holds water and water is suited for use.	Not applicable.	Negligible to moderate increase because of concentration of pollutants.			
965 - Temporary Seeding	Planting rapid-growing annual grasses or small grains to provide initial, temporary coverage for erosion control on disturbed areas.	Slight to significant decrease because revegetating depending on size of area and plant species selected.	Slight to moderate decrease because of increased vegetation.	Significant decrease because of reduced erosion and infiltration.	Slight to significant decrease because of increased habitat quality.	Slight decrease because of improved habitat and food supply.			
970 - Temporary Slope Drain	A flexible tubing or rigid conduit extending temporarily from the top to the bottom of a cut or fill slope.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.			
975 - Temporary Stream Crossing	A bridge, ford, or temporary structure installed across a stream or watercourse for short-term use by construction vehicles or heavy equipment.	Not applicable.	Not applicable.	Slight decrease due to reduced sediment load delivery by vehicles and heavy equipment.	Not applicable.	Not applicable.			

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980 - Temporary Swale	A temporary excavated drainageway.	Negligible to significant decrease because of increase in food depending on size of area and species seeded.	Slight to significant decrease because of increase in vegetation depending on plant species, size, location, and management.	Negligible to significant decrease because of reduction of runoff of sediment and agricultural chemicals.	Slight to moderate decrease because of increase in forage availability and habitat quality.	Negligible.			
981 - Topsoiling	Methods of preserving and using topsoil to enhance final site stabilization with vegetation.	Moderate to significant decrease because of increased vegetation.	Moderate to significant decrease because of increased vegetation.	Slight to significant decrease because of reduced sediment yield, water management, and stabilization.	Slight to significant decrease because of vegetative cover.	Slight to significant decrease because of vegetative cover.			
984 - Tree and Forest Ecosystem Preservation	The preservation of contiguous stands of trees from damage during construction operations.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
985 - Tree and Shrub Planting	Planting of selected trees and shrubs.	Moderate to significant increase or decrease because of changes in vegetative types dependent on tree species planted, spacing of plantings, and animal species of concern.	Moderate to significant increase or decrease because of changes in vegetation types depend on tree species planted and animal species of concern.	Slight to significant increase or decrease because of effect on watershed hydrology dependent on number and location of trees planted.	Moderate to significant increase or decrease because of changes in vegetative types, dependent on tree species planted, spacing of plantings, and animal species of concern.	Moderate to significant increase or decrease because of changes in vegetative types, dependent on tree species planted, spacing of plantings, and animal species of concern.			
990 - Tree Protection	The protection of individual trees from damage during construction operations.	Slight to moderate decrease depending on species protected.	Slight to moderate decrease depending on species protected.	Slight to moderate increase or decrease due to effect on watershed hydrology depending on number of trees protected.	Slight to significant increase or decrease depending on tree species protected and animal species of concern.	Negligible.			

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991 - Tree Protection - Augering	Underground construction such as utility work by augering (tunneling) through an individual tree's Critical Root Zone (CRZ).	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			
995 - Vegetative Streambank Stabilization	The stabilization and protection of eroding streambanks with selected vegetation.	Slight to significant decrease in food depending on vegetation treatment used and species planted.	Slight to significant increase especially for vegetative streambank treatment.	Negligible.	Negligible.	Negligible.			
996 - Well Decommissioning	The sealing and permanent closure of a water well, boring, or monitoring well.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.	Not determined yet.			