Following is a list of acronyms used in this Manual:		
APEN	Air Pollutant Emission Notice	
APEN	American Society of Testing Materials	
BMP	Best Management Practice	
CB	Compost Blanket	
CD	Check Dam	
CDPHE	Colorado Department of Public Health and Environment	
CDPS	Colorado Discharge Permit System	
CF	Construction Fence	
CFB	Compost Filter Berm	
CFR	Code of Federal Regulations	
CFS	Cubic Feet Per Second	
CIF	Culvert Inlet Filter	
CL	Crest Length	
CLOMR	•	
CM	Construction Markers	
CO	Certificate of Occupancy	
CS CWA	Curb Sock Concrete Washout Area	
D	Depth, Diameter	
D50	Riprap Mean-Diameter	
DESC	Drainage, Erosion, and Sediment Control	
DD	Diversion Ditch	
DW	Dewatering	
ECB	Erosion Control Blanket	
FEMA	Federal Emergency Management Agency	
GESC	Grading, Erosion and Sediment Control	
HD	Hole Diameter	
ILOC	Irrevocable Letter of Credit	
IP	Inlet Protection	
L LOC	Length Limits of Construction	
MEP	Maximum Extent Practicable	
MS4	Municipal Separate Storm Sewer System	
MUTCD	Manual of Uniform Traffic Control Devices	
N	Number of Columns	
NPDES	National Pollutant Discharge Elimination System	
PE	Professional Engineer	
R	Radius	
RCD	Reinforced Check	
RRB	Reinforced Rock Berm	
RRC	Reinforced Rock Berm for Culvert Protection	
SB SCL	Sediment Basin	
SDA	Sediment Control Log Stabilized Driveway Access	
SEA	Silt Fence	
SIA	Subdivision Improvements Agreement	
SM	Seeding and Mulching	
SR	Surface Roughening	
SSA	Stabilized Staging Area	

Acronyms, continued	ST TCO TER TSC TSD UDFCD VTC W WW Z	Sediment Trap Temporary Certificate of Occupancy Terracing Temporary Stream Crossing Temporary Slope Drain Urban Drainage and Flood Control District Vehicle Tracking Control Width Vehicle Tracking Control with Wheel Wash Slope
Glossary of Terms	Administra Departmen require a m reviewed b	a glossary of some of the terms used in this Manual: ative Variance refers to variances that are considered by t of Public Works Engineering to be complicated and which will ore extensive review. These administrative variances shall be y the Public Works Engineering Director. on refers to the deposition of sediment in a stream in a manner
	and extent Applicant(sign the Gr Application Alternate (refers to an	that the bed elevation of the stream rises. s) refers to the Owner and Contractor whom complete and ading, Erosion and Sediment Control (GESC) Permit
	who is resp Best Mana measure in erosion, se activities.	gement Practice (BMP) refers in the GESC Permit. gement Practice (BMP) refers in the GESC Manual to a pplemented by a Contractor to control construction site diment, or pollutant sources associated with construction
	that is place dam is to tr	n (CD) is a small rock dam, designed to withstand overtopping, ed in a small stream or drainageway. The purpose of the check ap water-borne sediment in the backwater zone upstream of and to reduce flow velocities in a channel.
	over preparent over preparent over preparent over a contract over the second se	Blanket (CB) consists of a layer of Class I Compost spread red, seeded topsoil to protect exposed soil against raindrop rosion and to provide an organic soil amendment to promote hment of vegetation.
	-	Filter Berms (CFB) are used on slopes in conjunction with anket to reduce flow length and control rill and gully erosion.
		(CS) A Curb Sock consists of a small reinforced rock berm the curb and gutter flowline in order to filter stormwater runoff,

Glossary of Terms, continued	and reduce sediment from entering the storm sewer system.
	Concrete Washout Area (CWA) is a shallow excavation with a small perimeter berm to isolate concrete truck washout operations.
	Construction refers to the implementation of a proposed plan of improvements by a Contractor that may include excavating, site grading, utility work, paving, building, and other activities that may contribute to the disturbance of land and elevated levels of erosion and sediment.
	Construction Fence (CF) consists of orange plastic fencing, or other approved material, attached to support posts and used to control access to the construction site and delineate limits of construction.
	Construction Markers (CM) consists of wooden lath or other markers, with tops painted orange, spaced at 100 foot centers to delineate limits of construction. Construction markers may be used as an alternative to construction fence if approved by the County.
	Culvert Inlet Filter (CIF) consists of a reinforced rock berm placed in front of a culvert to reduce sediment in runoff approaching the culvert.
	Degradation refers to erosion of bed material from the bottom of a stream leading to a lowering of the channel invert.
	DESC Permit refers to a Drainage, Erosion, and Sediment Control (DESC) Permit administered by the Douglas County Building Division for detached single-family home construction. The DESC Permit follows the grading and infrastructure work undertaken under a GESC Permit.
	Design Engineer refers to the Professional Engineer responsible for the development of the GESC Plan.
	Development refers to the process of creating new residential, commercial, office, or other land uses through the process of construction.
	Dewatering (DW) consists of a gravel filter provided on the suction end of a pump to reduce the pumping of sediment and a rip rap pad at the discharge end of the pump to provide erosion protection. Dewatering includes settling the discharge water in a small basin or sediment pond before releasing to receiving waters.
	Diversion Ditch (DD) is a small earth channel used to divert and convey runoff to a sediment basin, check dam, or drainageway. Depending on slope, the diversion swale may need to be lined with erosion control matting, plastic (for temporary installations only), or riprap.
	Drainageway is any natural or artificial watercourse, including but not limited to streams, rivers, creeks, ditches, channels. Canals, waterways, gullies, ravines, or washes in which water flows in a definite direction or

Glossary of Terms, continued	 course, either continuously or intermittently, including any area adjacent to it that is subject to inundation by reason of overflow or floodwater and meets any of the following conditions: Provides for conveyance of stormwater runoff from an upstream property or development, Defined as "waters of the United States" by the Army Corps of Engineers, Supports riparian area or sensitive habitat, Tributary area equal to or greater than 20-acres, Alternation or filling will change the manner in which runoff is discharged onto a downstream property and potentially results in a negative impact to that downstream property, Subject to the requirements of the Douglas County Riparian Conservation Zone (RCZ).
	Erosion is the process by which the land surface is worn away by the action of wind, water, ice and gravity.
	Erosion Control Blanket (ECB) is a fibrous blanket of straw, jute, excelsior or coconut material trenched in and staked down over prepared, seeded soil. The matting reduces both wind and water erosion.
	Export means transporting material from a construction site to another location.
	Eutrophication refers to the degradation in water quality of a lake or reservoir due to accelerated algal productivity, often a result of increased nutrient loading.
	Fiscal Security refers to a cashier's check or an irrevocable letter of credit that an owner submits to Douglas County to be held as security during the construction process and to be drawn upon in the case of nonperformance on the part of the Permittee(s).
	Governmental Agency refers to entities that may do business with the County in their governmental capacities. Agencies that may be included in this list are cities, counties, districts, utilities, and other political subdivisions of the state.
	Grading, Erosion and Sediment Control (GESC) Drawings refers to the illustrative portion of the GESC Plan which shows the location and extent of all grading, erosion and sediment control BMPs as well as other associated information required by the GESC Manual.
	Grading, Erosion and Sediment Control (GESC) Inspector refers to the County representative or Erosion Control Inspector who visits construction sites to check for compliance with the GESC Permit.
	Grading, Erosion and Sediment Control (GESC) Manager refers to an on-site representative who serves as the Permittee(s) contact person with

Glossary of Terms, continued the County and who is responsible for ongoing compliance with the GESC Permit.

Grading, Erosion, and Sediment Control (GESC) Permit refers to the permit obtained from Department of Public Works Engineering prior to commencement of land disturbing activities as defined in the Douglas County Grading, Erosion and Sediment Control Manual.

Grading, Erosion and Sediment Control (GESC) Permit Process refers to the process applicants proceed through to obtain a permit to commence land disturbing activities within the unincorporated limits of Douglas County.

Grading, Erosion and Sediment Control (GESC) Permit Program refers to the program developed and administered by Douglas County to regulate land disturbing activities within the unincorporated limits of Douglas County.

Grading, Erosion and Sediment Control (GESC) Plan refers to the complete package of required information submitted to the Department of Public Works Engineering for review and acceptance which include GESC Drawings, GESC Report, GESC Drawing and Report Checklist, and Option of Probable Cost Example Worksheet.

Grading, Erosion and Sediment Control (GESC) Report refers to the report required to be submitted with the GESC Plan that details all aspects of the GESC Plan such as Soils, Areas and Volumes, etc.

Illicit Discharge means any prohibited direct or indirect non-stormwater discharge into the MS4.

Import means transporting material from an off-site area to the project site to be used as fill.

Inlet Protection (IP) consists of a reinforced rock berm placed in front of (but not blocking) a curb-opening inlet or around an area inlet to reduce sediment in runoff entering the inlet.

Larger Common Plan of Development means a contiguous area where multiple separate and distinct construction activities are occurring under one plan. A plan is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, sales pitch, advertisement, drawing, permit application, plat, site improvement plan, construction drawing set, etc) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating that construction activities may occur on a specific plot.

A common plan of development can be considered to have been completed when the original plan, including modifications has been substantially completed; there has been a clearly identifiable period of time with no on-going construction, and criteria for final stabilization has

Glossary of Terms, continued	 been met. Future projects within or adjacent to the original plan will be evaluated as separate common plans of development or sale. Level I Violations are viewed by Douglas County to pose an immediate serious risk to the health safety or welfare of people and or the environment and result in an immediate issuance of a stop work order. Level II Violations are view by Douglas County to pose a moderate immediate risk to the health safety or welfare of people and or the environment, however if not immediately corrected will pose a serious risk. Remediation for Level II Violations shall commence immediately after the Permittees are notified of the violation(s). Level III Violations are viewed by Douglas County to pose a low immediate risk to the health safety or welfare of people and or the environment, however if not corrected quickly will pose a serious risk. Level III Violations are viewed by Douglas County to pose a low immediate risk to the health safety or welfare of people and or the environment, however if not corrected quickly will pose a more serious risk. Level III Violations shall be corrected with 48-hours of inspection unless otherwise specified in writing by the Erosion Control Inspector. Limits of Construction refers to the area shown on the GESC Plan that delineates areas in which construction activities can take place including staging, storage, and stockpiling. Maintenance GESC Permit refers to the permit issued for multiple routine maintenance projects on an annual basis. See Section 3.20.4 for more information. Permittee(s) refers to the Owner and Contractor whom obtain a GESC Permit. Professional Engineer refers to an individual currently registered with the Colorado State Board of Registration as a Professional Engineer, practicing engineering in accordance with State law (Title 12, Article 25, Part 1). Reinforced Check Dam (RCD) consists of rock placed within wirereinforced gabions to provide additional resistan

Glossary of Terms, continued **Sediment Basin (SB)** refers to an impoundment that captures sedimentladen runoff and releases it slowly, providing prolonged settling times to capture coarse and fine-grained soil particles.

Sediment Control Log (SCL) refers to a cylindrical bundle of excelsior, straw, or coconut designed to form a semi-porous filter, able to withstand overtopping, and promote sediment deposition on the upstream side and reducing flow velocities.

Sediment Trap (ST) consists of a riprap berm with a small upstream basin that acts to trap coarse sediment particles.

Sedimentation means the deposition of soil particles dislodged by erosion.

Seeding and Mulching (SM) consists of drill seeding disturbed areas with permanent grasses and mechanical crimping of straw mulch to provide immediate protection against raindrop and wind erosion and, as the grass cover becomes established, to provide long-term stabilization of exposed soils.

Silt Fence (SF) is a temporary sediment barrier constructed of woven fabric stretched across supporting posts. The bottom edge of the fabric is placed in an anchor trench that is backfilled with compacted soil.

Small Utility Construction Projects refers to multiple, less than 1 acre projects performed by utilities to provide service to individual customers. See Section 8 for more information.

Stabilized Staging Area (SSA) refers to stripping topsoil and spreading a layer of granular material in the area to be used for a trailer, parking, storage, unloading, and loading. A stabilized staging area reduces the likelihood that the vehicles most frequently entering a site are going to come in contact with mud.

Stage of Construction refers to the Initial, Interim, or the Final Stage of construction; BMPs are to be shown on the GESC Plan as being installed at one of these three stages.

Standard BMPs refers to any one of a number of BMPs that have been approved for use in the County and for which standard notes and details have been prepared.

Staff Variance refers to a variance that is considered by the Department of Public Works Engineering to be minor in nature; these staff variances may be considered by the Department of Public Works' Development Review Engineer and Development Review Manager.

Stop Work Order refers to a written notice provided by County's Erosion Control Inspector that suspends a GESC Permit as a result of a priority violation; Contractors receiving a Stop Work Order shall cease Glossary of Terms, continued construction operations until the problem is addressed and a signed Stop Work Order Release Form is obtained.

Stormwater means runoff generated as a result of a precipitation event.

Subdivision Improvement Plan refers to the plans and supplemental material, including a Grading, Erosion and Sediment Control (GESC) plan and other detailed information drawn and submitted in accordance with the Douglas County Zoning Resolution

Surface Roughening (SR) consists of creating a series of grooves or furrows on the contour in all disturbed, graded areas to trap rainfall and reduce the formation of rill and gully erosion.

Temporary Slope Drain (TSD) refers to a small culvert or plastic lined channel to convey runoff down a slope or channel bank to reduce the occurrence of rill and gully erosion.

Temporary Stream Crossing (TSC) refers to a rock layer placed temporarily in a stream to allow construction equipment to cross. A stream crossing may include culverts or provide a low-water crossing, or ford. In either case, excavation of the existing channel banks is to be avoided and, in general, disturbance is to be kept to a minimum.

Terracing (TER) consists of creating one or more flat benches in high, steep cut or fill slopes to interrupt runoff and reduce the formation of rill and gully erosion.

Vehicle Tracking Control (VTC) consists of a pad of 3" to 6" rock at all entrance/exit points for a site that is intended to help strip mud from tires prior to vehicles leaving the construction site.

Vehicle Tracking Control with Wheel Wash (WW) consists of a gravel and riprap pad at the main entrance/exit point for the site with an adjacent washwater/sediment trap. If Douglas County requires a Permittee(s) to implement this BMP, each wheel of all vehicles coming in contact with dirt or mud shall be cleaned using a high-pressure washer prior to the vehicle leaving the site.

Diblicarrenbu	American Association of State Highway and Transportation Officials.
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