



Appendix B - Glendale Grading, Erosion and Sediment Control Plan Standard Notes & Details

The below Standard Notes are required on all GESC Plans. Either of the following may be used as the Standard Details within the City of Glendale, [SEMSWA Details](#) or the [UDFCD Construction Details](#). Upon approval by the City, equivalent control measures details maybe approved for use and must be included with the Standard Notes and Details.

City of Glendale Standard Notes.

- 1) The adequacy of this Grading, Erosion and Sediment Control (GESC) Plan lies with the original design engineer. Changes that meet the definition of major modification must go through the original design engineer and must be approved by the City.
- 2) The placement of erosion and sediment control Best Management Practices (BMPs) shall be in accordance with the City of Glendale-accepted GESC Plan and the City of Glendale's Stormwater Construction Requirements.
- 3) After installation of the initial-stage BMPs, the Permittee shall call the City's Stormwater Specialist to schedule a preconstruction meeting at the project site. The request shall be made a minimum of three business days prior to the requested meeting time.
- 4) Construction shall not begin until the City's Stormwater Specialist approves the installation of the initial BMPs and the approved Stormwater Permit is picked up from the City.
- 5) The Permittee shall strictly adhere to the City-approved limits of construction at all times. The City Public Works Department must approve any changes to the limits of construction and, at the discretion of the Public Works Department, additional erosion/sediment controls may be required in any additional areas of construction.
- 6) All BMPs shall be maintained and kept in effective operating condition for the duration of the project. All necessary maintenance and repair shall be completed immediately upon discovery of any deficiency or defect.
- 7) The Permittee shall prevent sediment, debris and all other pollutants from entering the storm sewer system during all demolition, excavation, trenching, boring, grading, or other construction operations that are part of the project. The Permittee shall be held responsible obtaining access rights to adjacent property, if needed, for remediation of any adverse impacts to the Municipal Separate Storm Sewer System, receiving waters, waterways, wetlands, and/or other public or private properties, resulting from work done as part of the project. The Permittee shall immediately repair any settlement or soil accumulations beyond the limits of construction due to grading or erosion.
- 8) The Permittee shall remove all sediment, mud, construction debris, or other potential pollutants that may have been discharged to or, accumulate in the flow lines storm drainage appurtenances, and public rights of ways of the City as a result of construction activities associated with the project. All removals shall be conducted in a timely manner, but no later than the same day.
- 9) The Permittee shall implement the following BMPs on site during construction:
 - a. WASTE MANAGEMENT/CONTAINMENT: This BMP requires that all construction wastes, fuels, lubricants, chemical wastes, trash, sanitary wastes, contaminated soils or debris shall be contained on site, protected from contact with precipitation or surface runoff, periodically removed from the construction site, and disposed of appropriately.



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- b. **SPILL PREVENTION /CONTAINMENT:** This BMP defines the measures proposed for preventing, controlling, or containing spills of fuel, lubricants, or other pollutants; and protecting potential pollutants from contact with precipitation or runoff. All chemical or hazardous material spills which may enter waters of the state of Colorado, which include but are not limited to, surface water, ground water and dry gullies or storm sewer leading to surface water, shall be immediately reported to the CDPHE per CRS 25-8-601, and the City. Releases of petroleum products and certain hazardous substances listed under the federal Clean Water Act (40 cfr part 116) must be reported to the National Response Center as well as the CDPHE. The applicable contact information is: Colorado Department of Public Health and Environment toll-free 24-hour environmental emergency spill reporting line 1-877-518-5608; National Response Center (24-hour national spill response) 1-800-424-8802. Spills that pose an immediate risk to human life shall be reported to 911. Failure to report and clean up any spill shall result in issuance of a stop work order.
- c. **CHUTE WASHOUT CONTAINMENT:** Water used in the cleaning of cement truck delivery chutes shall be discharged to an approved concrete washout locations on the job site. The required containment area is to be bermed or walled so that wash water is totally contained. Dried cement waste is removed from the containment area and disposed of appropriately.
 - i. Should a predefined washout location not be available due to the project size, or lack of an area with a suitable ground surface for establishing a containment area, proper disposal of ready mix washout and rinse off water at the job site shall conform to approved techniques and practices.
 - ii. The direct or indirect discharge of water containing waste cement to the storm sewer system is prohibited.
- d. **SWEEPING:** This BMP requires that impervious surfaces which are adjacent to or contained within construction sites be swept on a daily basis or as needed during the day when sediment and other materials are tracked or discharged on to them. Flushing of paved surfaces with water is prohibited. The City reserves the right to require additional measures to ensure area streets are kept free of sediment and/or construction debris.
- e. **PERIMETER CONTROL:** This BMP requires that project install a perimeter control measure along the edge of the construction site, to prevent, or filter the discharge of surface runoff from the construction site. The type of perimeter control used shall be determined based on site conditions and location. Maintenance and repair of the control measure shall occur as needed, in a timely manner.
- f. **STOCK PILES:** Soils that will be stockpiled for more than thirty (30) days shall be protected from wind and water erosion within fourteen (14) days of stockpile construction. Stabilization and protection of the stockpile may be accomplished by any of the following: Mulching, Temporary/Permanent Revegetation Operations, Chemical Soil Stabilizer Application (requires City approval), or erosion control matting/Geotextiles. If stockpiles are located within 100 feet of receiving waters, a drainageway or the site perimeter, additional sediment controls shall be required.
- g. **SAW CUTTING OPERATIONS:** The Permittee shall protect all storm sewer facilities adjacent to any location where pavement-cutting operations involving wheel cutting, saw cutting, or



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abrasive water jet cutting are to take place. The Permittee shall remove and properly dispose of all waste products generated by said cutting operations as needed throughout the workday. The discharge of any water contaminated by waste products from cutting operations to the storm sewer system is prohibited.