



Stormwater Management Plan Checklist

Required for all development sites greater than one acre per City of Boulder Design and Construction Standards, Section 7.13.

Revised June 2019

This checklist shall be completed by the Engineer to indicate that required stormwater management plan elements have been incorporated into final construction drawings. This checklist shall be submitted as a construction drawing sheet, an AutoCAD template of this checklist is available for incorporation into construction drawing submittal.

1. Narrative Requirements – Site Description				
Required Element		Included	N/A	Explanation if N/A or Deviation
1	Description of site construction activity	<input type="checkbox"/>	<input type="checkbox"/>	
2	Description of proposed sequencing for major construction activities to minimize land disturbance with description of planned control measure implementation for each phase	<input type="checkbox"/>	<input type="checkbox"/>	
3	Quantified areas of disturbance, including total project area and total disturbed area	<input type="checkbox"/>	<input type="checkbox"/>	
4	Description of existing data used to quantify soil conditions	<input type="checkbox"/>	<input type="checkbox"/>	
5	Quantified percent of existing vegetative ground cover for the entire project area with description of method	<input type="checkbox"/>	<input type="checkbox"/>	
6	Description of any allowable non-stormwater discharges	<input type="checkbox"/>	<input type="checkbox"/>	
7	Description of area receiving discharge from the site, including the name of the receiving water(s) and size, type, and location of any outfall(s). If discharge is to a municipal separate storm sewer system, the name of the system, location of the storm sewer discharge, and name of receiving water(s)	<input type="checkbox"/>	<input type="checkbox"/>	
8	Description of all stream/waterbody crossings located within the construction site boundary	<input type="checkbox"/>	<input type="checkbox"/>	
9	List individual(s) designated as the qualified stormwater manager(s) responsible for SWMP implementation	<input type="checkbox"/>	<input type="checkbox"/>	
10	Describe planned activities and procedures to meet construction inspection and record keeping requirements	<input type="checkbox"/>	<input type="checkbox"/>	

2. Narrative Requirements – Stormwater Control Measures				
Required Element		Included	N/A	Explanation if N/A or Deviation
1	Description of all potential sources of pollution and identify corresponding control measure(s) following the table provided in Section 4	<input type="checkbox"/>	<input type="checkbox"/>	
2	Description of all practices used to achieve final stabilization of all disturbed areas (seed mix selection and application method, soil preparation and amendments, soil stabilization practices, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	
3	Description of all post-construction stormwater control measures (SCMs) used to manage runoff. For each facility describe provisions to protect the water quality function of these facilities during construction (compaction, clogging, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	
4	Quantities estimate for all proposed control measures	<input type="checkbox"/>	<input type="checkbox"/>	
5	Attached or referenced specifications and design details for the installation and maintenance of all implemented control measures consistent with UDFCD or CDOT M-Standard reference	<input type="checkbox"/>	<input type="checkbox"/>	
6	City of Boulder Standard Erosion Control Notes as provided in DCS Section 7.13(B)(5)	<input type="checkbox"/>	<input type="checkbox"/>	

3. Plan Requirements

Required Element	Included	N/A	Explanation if N/A or Deviation
1 Site maps depicting, at a minimum, initial, interim, and final phases of construction sequencing	<input type="checkbox"/>	<input type="checkbox"/>	
2 Location of construction site boundary	<input type="checkbox"/>	<input type="checkbox"/>	
3 Flow arrows that depict on-site stormwater runoff directions	<input type="checkbox"/>	<input type="checkbox"/>	
4 Extent of all ground disturbance including areas of borrow and fill	<input type="checkbox"/>	<input type="checkbox"/>	
5 Location/s used for soil and material storage	<input type="checkbox"/>	<input type="checkbox"/>	
6 Location/s of all waste accumulation areas, including areas for liquid, concrete, masonry, and asphalt	<input type="checkbox"/>	<input type="checkbox"/>	
7 Location/s of dedicated asphalt, concrete batch plants, and masonry mixing stations	<input type="checkbox"/>	<input type="checkbox"/>	
8 Location/s of construction entrances and vehicle tracking controls	<input type="checkbox"/>	<input type="checkbox"/>	
9 Location/s of all proposed control measures depicted with a clear legend and/or call outs	<input type="checkbox"/>	<input type="checkbox"/>	
10 Location/s of springs, streams, wetlands, and other state waters and proposed protection measures	<input type="checkbox"/>	<input type="checkbox"/>	
11 Location/s of all stream crossings located within the construction site boundary and proposed protection measures	<input type="checkbox"/>	<input type="checkbox"/>	
12 Location/s of al post-construction SCMs and proposed protection measures	<input type="checkbox"/>	<input type="checkbox"/>	

City of Boulder Standard Erosion Control Notes

- A. Temporary Erosion Controls: All temporary erosion control measures for erosion and sediment control shall be installed before any construction activities take place.
- B. Sediment Controls: Control measures for erosion and sediment control shall be implemented to prevent the release of sediment from construction sites. Vehicle tracking of sediment shall not be allowed to enter the stormwater utility system or waters of the State. Sediment shall not be tracked onto public streets and, if so, shall be immediately removed.
- C. Water Quality Impacts: Stormwater discharges from construction activities shall not cause or threaten to cause pollution, contamination, or degradation of waters of the State.
- D. Waste Controls. Solid waste, industrial waste, yard waste, and any other pollutants or waste on any construction site shall be controlled using control measures. Waste and/or recycling containers shall be provided and maintained by the owner or contractor on construction sites where there is the potential for release of waste. Uncontained waste that may blow, wash, or otherwise be released from the site is prohibited. Sanitary waste facilities shall be provided and maintained by the owner or contractor.
- E. Concrete Waste: Ready-mixed concrete, or any materials resulting from the cleaning of vehicles or equipment containing or used in transporting or applying it, shall be contained with appropriate control measures and ultimately removed for proper disposal. Release of these materials is prohibited.
- F. Chemical Storage: Bulk storage structures for petroleum products and other chemicals shall have adequate protection so as to contain all spills and prevent any spilled material from entering the stormwater utility system or waters of the State.
- G. Surface Cover Timing: Cover shall be applied within 14 days to inactive soil stockpiles and shall be maintained for stockpiles that are proposed to remain in place longer than 30 calendar days.
- H. Project Phasing: All earth disturbances shall be designed, constructed, and completed to limit the exposed area of any disturbed land to the shortest possible period of time.
- I. Dust Controls: Techniques shall be used to prevent dust, sediment, or debris from blowing off the site.
- J. Maintenance: Any damage or required maintenance to temporary and permanent controls measures shall be repaired or replaced as soon as possible, immediately in most cases.
- K. Removal: All control measures for erosion and sediment control shall be removed and disposed within 30 days after final site stabilization is achieved or after the temporary measures are no longer needed, whichever occurs first.
- L. Responsibility: The erosion control permittee shall be responsible for continued compliance with the requirements of Section 7.13 of the City's Design and Construction Standards during construction activity on the site.

4. Evaluation of Pollutant Sources

Potential Pollutant Source		Applicable?		Pollutant Source Description	Selected Control Measure/s
		Yes	No		
1	Land disturbance and soil storage	<input type="checkbox"/>	<input type="checkbox"/>		
2	Vehicle tracking	<input type="checkbox"/>	<input type="checkbox"/>		
3	Loading and unloading operations	<input type="checkbox"/>	<input type="checkbox"/>		
4	Outdoor storage/stockpiling of construction site materials, building materials, fertilizers, and chemicals	<input type="checkbox"/>	<input type="checkbox"/>		
5	Bulk material storage	<input type="checkbox"/>	<input type="checkbox"/>		
6	Vehicle and equipment maintenance and fueling	<input type="checkbox"/>	<input type="checkbox"/>		
7	Significant dust or particulate generating processes	<input type="checkbox"/>	<input type="checkbox"/>		
8	Routine maintenance activities involving fertilizers, pesticides, detergents, fuels, solvents, and/or oils	<input type="checkbox"/>	<input type="checkbox"/>		
9	Concrete truck/equipment washing, including the concrete truck chute and associated fixtures and equipment	<input type="checkbox"/>	<input type="checkbox"/>		
10	Dedicated asphalt and concrete batch plants	<input type="checkbox"/>	<input type="checkbox"/>		
11	Other areas or operations where spills can occur	<input type="checkbox"/>	<input type="checkbox"/>		
12	Other non-stormwater discharges, including construction dewatering and wash water	<input type="checkbox"/>	<input type="checkbox"/>		
13	Other: _____	<input type="checkbox"/>	<input type="checkbox"/>		