

Stormwater Construction and Post-Construction Guidelines

October



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Stormwater Construction and Post-Construction Guidelines

I. Purpose

In compliance with Colorado Discharge Permit System – Stormwater COR-09033, the goal of the Construction Site Runoff Control Program is to reduce, to the maximum extent practicable, sediment and other construction related pollutants from entering the municipal separate storm sewer system.

II. Construction Activity

During the planning stages for projects that may cause sediment and construction pollutants, a plan will need developed to reduce pollutants from discharging into the stormwater system associated from construction activity.

Stormwater construction guidelines are listed below that involve less than one acre or greater than one acre construction projects.

Less than One Acre

- UNC Facilities Planning and Construction (P&C), Grounds Department, and/or project contractor is responsible for developing and submitting a specific plan for the construction site.
- Plan will be reviewed by Environmental Health and Safety Department.
- Plan will be submitted to the City of Greeley as information only (see Section IV for details).
- City of Greeley will activate stormwater inspections. See Section V regarding Inspection Reports.

Greater than One Acre

- UNC P&C will have the design team include the basic requirements and detailthehe0 (em)7 (ent)t(em)

- Inspection requirements for respective permits (if documented, COR400000 can be used for MS4)
- City of Greeley will activate stormwater inspections. See Section V regarding Inspection Reports.

III. Post-Construction

The City of Greeley Stormwater Division will conduct a post construction inspection to ensure Best Management Practices (BMPs) are in place. The University will ensure that BMPs are continually followed and that grounds are maintained appropriately.

IV. Submission of Approved Permits

Please send any SWMP or stormwater construction documents to UNC EHS.

City of Greeley – Submission of stormwater construction documents shall be sent to:

City of Greeley
Stormwater Management Division
Attn: Brian Hathaway
1001 9th Avenue
Greeley, CO 80631
brian.hathaway@greeleygov.com

V. Inspection Reports

The inspection requirements for the respective permits or greater than one acre will be done by a third party (either hired by the contractor or the contractor themselves)

VI. Recordkeeping

All Documentation must be kept for at least 3 years.

The erosion control plan/site map is a living document. The site map must be updated to reflect current conditions and the updated site map must be included in the SWMP. All inspection reports shall be kept in the SWMP.

The City of Greeley requires all long-term operations and maintenance w 1.78 0 T Tc p14lr9.9 (nc)a.9 (n3

Appendix A. Stormwater Management Site Plan Review for Construction & Post Construction MS4 Requirements Checklist

For projects that impact stormwater, please review the checklist.

Project Name:
Project Address:
Date on project plan:

SC-2	Sediment Control Logs (Wattles)	YES	NO	N/A	
SC-3	Rock Socks	YES			

	(12.5.4.F)		
	SITE MANAGEMENT		

the stockpiles shall remain less than 10 ft in height				
i) temporary erosion and sediment control measures shall be removed as soon as their function has been fulfilled (when final stabilization is achieved)	YES	NO	N/A	
j) Construction of underground utilities shall be included as a land disturbing activity.	YES	NO	N/A	
k) All Erosion Control Details (Final) 13.4.2.B	YES	NO	N/A	

PART 2: CIVIL PLAN SET SHEETS: Permanent Long-Term Water Quality Control Structure



	need to be directed to the control measure, as long as the overall removal goal is met or exceeded (c) Infiltrate, evaporate, through practices such as green infrastructure, quantity of water equal to 30% of what the calculated WQCV would be if all impervious area for the applicable redevelopment site discharged without infiltration			
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PCS-9	Irrigation: <ul style="list-style-type: none">• Temporary• Permanent	YES	NO	N/A	
		YES	NO	N/A	

Appendix B. SWMP Checklist

PART 4: STORMWATER MANAGEMENT PLAN (SWMP): SEPARATE WRITTEN DOCUMENT TO MEET REQUIREMENTS OF STATE-ISSUED “STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY” PERMIT

A copy must be sent

• Locations of waste accumulation areas (asphalt, liquid, concrete, masonry)	YES	NO	N/A	
• Locations of asphalt, concrete batch plants, and masonry mixing stations	YES	NO	N/A	
• Locations of all structural control measures	YES	NO	N/A	
• Locations of all non-structural control measures	YES	NO	N/A	
• Locations of all stream crossings located within the construction site boundary	YES	NO	N/A	
Stormwater Management Controls:				



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- Final stabilization practices for obtaining vegetative cover should include seed mix and application rates; soil preparations and amendments; soil stabilization practices (e.g. crimped straw, hydro mulch or rolled erosion control products) and appropriate sediment control BMPs as needed until final stabilization is achieved.

YES NO N/A

Appendix C. COR400000 Inspection report

At minimum, the inspection must include:

- Inspection Date
- Name and titles of personnel conducting the inspection
- Weather conditions at the time of inspection
- Phase of construction at the time of inspection
- Location(s) of discharges of sediment or other pollutants from the site
- Locations(s) of control measures needing routine maintenance
- Locations(s) and identification of inadequate control measures
- Locations(s) and identification of additional control measures are needed that were not in place at the time of inspection
- Description of corrective action(s) for any of the 3 previous items if identified, dates those corrective action(s) were completed, including requisite changes to the SWMP, as necessary
- Description of the minimum inspection frequency and any deviations from the minimum inspection schedule
- After adequate corrective action(s) have been taken, or where a report does not identify any incidents requiring corrective action, the report shall contain the following statement:
“ I verify that, to the best of my knowledge and belief, that if any corrective action items, were identified during the inspection, those corrective actions are complete, and the site is currently in compliance with the Permit.”

For an example, please go to <https://cdphe.colorado.gov/wq-construction-compliance-assistance-and-guidance>, then scroll down to COR400000- stormwater management plan guidance.