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EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

Engineering Review

03/26/2020 1:41:36 PM

dsdrice

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EPC Planning & Community
 Development Department

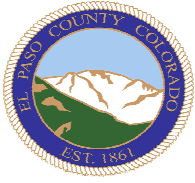
STORMWATER MANAGEMENT PLAN CHECKLIST

Revised: July 2019

		Applicant	PCD
1. STORMWATER MANAGEMENT PLAN (SWMP)			
1	Applicant (owner/designated operator), SWMP Preparer, Qualified Stormwater Manager, and Contractor Information. (On cover/title sheet)	✓	✓
2	Table of Contents	✓	✓
3	Site description and location to include: vicinity map with nearest street/crossroads description on loc/vic map	✓	✓
4	Narrative description of construction activities proposed (e.g., may include clearing and grubbing, temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and removal of temporary control measures)	✓	✓
5	Phasing plan – may require separate drawings indicating initial, interim, and final site phases for larger projects. Provide “living maps” that can be revised in the field as conditions dictate.	✓	✓
6	Proposed sequence for major activities: Provide a construction schedule of anticipated starting and completion dates for each stage of land-disturbing activity depicting conservation measures anticipated, including the expected date on which the final stabilization will be completed.	✓	✓
7	Estimates of the total site area and area to undergo disturbance; current area of disturbance must be updated on the SWMP as changes occur.	✓	✓
8	Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential	✓	✓
9	A description of existing vegetation at the site and percent ground cover and method used to determine ground cover	✓	✓
10	Location and description of all potential pollution sources including but not limited to: disturbed and stored soils; vehicle tracking; management of contaminated soils; loading and unloading operations; outdoor storage of materials; vehicle and equipment maintenance and fueling; significant dust generating process; routine maintenance activities involving fertilizers, pesticides, herbicides, detergents, fuels, solvents, oils, etc.; on-site waste management; concrete truck/equipment washing; dedicated asphalt, concrete batch plants and masonry mixing stations; non-industrial waste such as trash and portable toilets	✓	✓
11	Material handling to include spill prevention and response plan and procedures.	✓	✓
12	Spill prevention and pollution controls for dedicated batch plants	✓	✓
13	Other SW pollutant control measures to include waste disposal and off site soil tracking	✓	✓
14	Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.)	✓	
15	Name(s) of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge	✓	✓
16	Description of all stream crossings located within the project area or statement that no streams cross the project area	✓	✓

- Needs more / incomplete / unclear
- × Missing
- ✓ Done / N/A

PPR-19-042

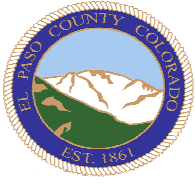


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17	SWMP Map to include:	✓	
17a	construction site boundaries	✓	✓
17b	flow arrows to depict stormwater flow directions	✓	✓
17c	all areas of disturbance	✓	✓
17d	areas of cut and fill	✓	✓
17e	areas used for storage of building materials, soils (stockpiles) or wastes	✓	✓
17f	location of any dedicated asphalt / concrete batch plants	✓	✓
17g	location of all structural control measures	✓	✓
17h	location of all non-structural control measures	✓	✓
17i	springs, streams, wetlands and other surface waters, including areas that require maintenance of pre-existing vegetation within 50 feet of a receiving water	✓	✓
18	Narrative description of all structural control measures to be used. Modifications to EPC standard control measures must meet or exceed County-approved details.	✓	✓
19	Description of all non-structural control measures to be used including seeding, mulching, protection of existing vegetation, site watering, sod placement, etc.	✓	✓
20	Technical drawing details for all control measure installation and maintenance; custom or other jurisdiction's details used must meet or exceed EPC standards	✓	✓
21	Procedure describing how the SWMP is to be revised	✓	✓
22	Description of Final Stabilization and Long-term Stormwater Quality (describe nonstructural and structural measures to control SW pollutants after construction operations have been completed, including detention, water quality control measure etc.)	✓	✓
23	Specification that final vegetative cover density is to be 70% of pre-disturbed levels	✓	✓
24	Outline of permit holder inspection procedures to install, maintain, and effectively operate control measures to manage erosion and sediment	✓	✓
25	Record keeping procedures identified to include signature on inspection logs and location of SWMP records on-site	✓	✓
26	If this project relies on control measures owned or operated by another entity, a documented agreement must be included in the SWMP that identifies location, installation and design specifications, and maintenance requirements and responsibility of the control measure(s).	✓	✓
Please note: all items above must be addressed. If not applicable, explain why, simply identifying "not applicable" will not satisfy CDPHE requirement of explanation.			
2. ADDITIONAL REPORTS/PERMITS/DOCUMENTS			
a	Grading and Erosion Control Plan (signed)	✓	✓
b	Erosion and Stormwater Quality Control Permit (ESQCP) (signed)	✓	✓
3. Applicant Comments:			
a			



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b			
c			

4. Checklist Review Certifications:

a	<p>Engineer of Record: The Stormwater Management Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. Said Plan has been prepared according to the criteria established by the County and State for Stormwater Management Plans.</p> <p>_____ Engineer of Record Signature Date</p>	
b	<p>Review Engineer: The Stormwater Management Plan was reviewed and found to meet the checklist requirements except where otherwise noted or allowed by an approved deviation request.</p> <p>_____ Review Engineer</p>	

For File

By: Elizabeth Nijkamp

Date: 04/10/2020

El Paso County Planning & Community Development

