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 www.elpasoco.com

EL PASO COUNTY STORMWATER MANAGEMENT PLAN CHECKLIST

Y Previous EPC
 acceptance

EPC Project Number: **PPR 234**

Revised: July 2019

| | | Applicant | EPC |
|--------------------------------------|--|-----------|-----|
| 1. STORMWATER MANAGEMENT PLAN | | | |
| 1 | Applicant (owner/designated operator), SWMP Preparer, Qualified Stormwater Manager, and Contractor Information. (On cover/title sheet) | Y | Y |
| 2 | Table of Contents | Y | Y |
| 3 | Site description and location to include: vicinity map with nearest street/crossroads description | Y | Y |
| 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) | Y | Y |
| 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 | Y | Y |
| 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 | Y | Y |
| 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 | Y | Y |
| 8 | Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential | Y | Y |
| 9 | A description of existing vegetation at the site and percent ground cover and method used to determine ground cover | Y | Y |
| 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 | Y | Y |
| 11 | Material handling to include spill prevention and response plan and procedures | Y | Y |
| 12 | Spill prevention and pollution controls for dedicated batch plants | Y | Y |
| 13 | Other SW pollutant control measures to include waste disposal and off-site soil tracking | Y | Y |
| 14 | Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) | Y | Y |
| 15 | Name(s) of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge | Y | Y |
| 16 | Description of all stream crossings located within the project area or statement that no streams cross the project area | Y | Y |



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



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| 3. APPLICANT COMMENTS | | Applicant | EPC |
|------------------------------------|---|-----------|-----|
| a | | | |
| 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><u>John J. Jankowsky</u> 2-29-2024 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 Date</p> | | |

0 Please see sheet 5 of the Grading and Erosion Control Plan.

3 It is our understanding that the requirement of 70% pre-disturbance density only applies to areas outside of the affected area. Areas outside the affected area are not subject to site reclamation. What vegetation density is outside the affected area, should meet the 70% pre-disturbance density. There is nothing we plan to do to affect that density, other than control of noxious weeds.

1 We will deliver to El Paso County (EPC) a Stormwater Management Plan Checklist once the document is approved by EPC.

Post Construction Stormwater Management Applicability Evaluation Form

This form is to be used by the Engineer of Record to evaluate applicable construction activities to determine if the activities are eligible for an exclusion to permanent stormwater quality management requirements. Additionally Part III of the form is used to identify and document which allowable control measure design standard is used for the structure.

| Part I. Project Information | |
|--|--|
| 1. Project Name: Schubert Ranch Sand Resource Pit | |
| 2. El Paso County Project #: PPR234 | 3. ESQCP #: |
| 4. Project Location: SE of Ellicott, CO | Project Location in MS4 Permit Area (Y or N): No |
| 5. Project Description: A Minerals Extraction operation for sand and gravel | |
| If project is located within the El Paso County MS4 Permit Area, please provide copy of this completed form to the Stormwater Quality Coordinator for reporting purposes; and save completed form with project file. | |

| Part II. Exclusion Evaluation: Determine if Post-Construction Stormwater Management exclusion criteria are met. Note: Questions A thru K directly correlate to the MS4 permit Part I.E.4.a.i (A) thru (K). If Yes, to any of the following questions, then mark Not Applicable in Part III, Question 2. | | | | |
|---|-----|----|----------------|--|
| Questions | Yes | No | Not Applicable | Notes: |
| A. Is this project a "Pavement Management Site" as defined in Permit Part I E.4.a.i.(A)? | | X | | This exclusion applies to "roadways" only. Areas used primarily for parking or access to parking are not included. |
| B. Is the project "Excluded Roadway Development"? | | | | |
| • Does the site add less than 1 acre of paved area per mile? | | | X | No pavement added |
| • Does the site add 8.25 feet or less of paved width at any location to the existing roadway? | | | X | |
| C. Does the project increase the width of the existing roadway by less than 2 times the existing width? | | | X | For redevelopment of existing roadways, only the area of the existing roadway is excluded from post-construction requirements when the site does not increase the width by two times or more. <i>This exclusion only excludes the original roadway area it does NOT apply to entire project.</i> |
| D. Is the project considered an aboveground and Underground Utilities activity? | | X | | Activity can NOT permanently alter the terrain, ground cover or drainage patterns from those present prior to the activity |
| E. Is the project considered a "Large Lot Single-Family Site"? | | N | | Must be a single-residential lot or agricultural zoned land, ≥ 2.5 acres per dwelling and total lot impervious area < 10 percent. |

| Questions (cont'd) | Yes | No | Not Applicable | Notes |
|---|-----|----|----------------|--|
| F. Do Non-Residential or Non-Commercial Infiltration Conditions exist? Post-development surface conditions do not result in concentrated stormwater flow or surface water discharge during an 80 th percentile stormwater runoff event. | X | | | Exclusion does not apply to residential or commercial sites for buildings. A site specific study is required and must show: rainfall and soil conditions; allowable slopes; surface conditions; and ratios of imperviousness area to pervious area. |
| G. Is the project land disturbance to Undeveloped Land where undeveloped land remains undeveloped following the activity? | | | X | Project must be on land with no human made structures such as buildings or pavement. |
| H. Is the project a Stream Stabilization Site? | | X | | Standalone stream stabilization projects are excluded. |
| I. Is the project a bike or pedestrian trail? | | X | | Bike lanes for roadways are not included in this exclusion, but may qualify if part of larger roadway activity is excluded in A, B or C above. |
| J. Is the project Oil and Gas Exploration? | | X | | Activities and facilities associated with oil and gas exploration are excluded. |
| K. Is the project in a County Growth Area? | | | | Note, El Paso County does not apply this exclusion. All Applicable Construction Activity in El Paso County must comply the Post-Construction Stormwater Management criteria. |

| Part III. Post Construction (Permanent) Stormwater Control Determination | | |
|---|-----|----|
| Questions | Yes | No |
| 1. Is project an Applicable Construction Activity? | | NO |
| 2. Do any of the Exclusions (A-K in Part II) apply? | YES | |
| <p>If the project is an Applicable Construction Activity and no Exclusions apply then Post-Construction (Permanent) Stormwater Management is required. Complete the applicable sections of Part IV below and then coordinate signatures for form and place in project file.</p> <p>If the project is not an Applicable Construction Activity, or Exclusion(s) apply then Post-Construction (Permanent) Stormwater Management is NOT required. Coordinate signatures for form and place in project file.</p> | | |

| Part IV: Onsite PWQ Requirements, Documentation and Considerations | | Yes | No |
|--|--|-----|-------|
| 1. Check which Design Standard(s) the project will utilize. Standards align with Control Measure Requirements identified in permit Part I.E.4.a.iv. | | | |
| A. Water Quality Capture Volume (WQCV) Standard | | | Excl. |
| B. Pollutant Removal/80% Total Suspended Solids Removal (TSS) | | | No |
| C. Runoff Reduction Standard | | | No |
| D. Applicable Development Site Draining to a Regional WQCV Control Measure | | | No |
| E. Applicable Development Site Draining to a Regional WQCV Facility | | | No |
| F. Constrained Redevelopment Sites Standard | | | No |
| G. Previous Permit Term Standard | | | No |
| 2. Will any of the project permanent stormwater control measure(s) be maintained by another MS4? If Yes, you must obtain a structure specific maintenance agreement with the other MS4 prior to advertisement. | | | No |
| 3. Will any of the project permanent stormwater control measures be maintained by a private entity or quasi-governmental agency (e.g. HOA or Special District, respectively)? If Yes, a Private Detention Basin/Stormwater Quality Best Management Practice Maintenance Agreement and Easement must be recorded with the El Paso County Clerk and Recorder. | | | No |

Part V Notes (attach an additional sheet if you need more space)

Project design is complete to include the project design, construction plans, drainage report, specifications, and maintenance and access agreements as required. The engineering, drainage considerations and information used to complete these documents is complete, true, and accurate to the best of my belief and knowledge.

John L. Jankousky, P.E. (stamp above)

Signature and Stamp of Engineer of Record

2-26-2024

Date

Post-Construction Stormwater Management Applicability Form has been reviewed and the project design, construction plans, drainage report, specifications, and maintenance and access agreements as required, have been reviewed for compliance with the Post Construction Stormwater Management process and MS4 Permit requirements.

Signature of El Paso County Project Engineer

Date