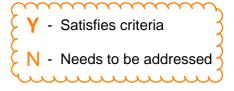


3275 Akers Drive Colorado Springs, CO 80922 Phone 719-520-6460 Fax 719-520-6879 www.elpasoco.com



EL PASO COUNTY STORMWATER MANAGEMENT PLAN CHECKLIST

HRG: responses to comments

EPC Project Number: PUDSP236

STORMWATER MANAGEMENT PLAN (in the "Applicant" column specify the page number for each item) 1 Applicant (owner/designated operator), SWMP Preparer, Qualified Stormwater Manager, and Contractor Information. (On cover/title sheet) Y 2 Table of Contents Y 3 Site description and location to include: vicinity map with nearest street/crossroads description Y 4 Marrative 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 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 6 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 7 Estimates of the total site area and area to undergo disturbance; current area of disturbance must be updated on the SVMP as changes occur Y 8 Soil erosion potential and impacts on discharge that includes a summary of the data used to determine ground cover Y 9 A description of all potential pollution sources including but not limited to: disturbed and stored soils; vehicle tracking; management of contaminated		Revised: October 2021	Applicant	EPC			
1 Contractor Information. (On cover/title sheet) Y 2 Table of Contents Y 3 Site description and location to include: vicinity map with nearest street/crossroads description 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 with removal of temporary control measures) 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 6 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 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 8 Soil erosion potential and impacts on discharge that includes a summary of the data used to determine ground cover Y 9 A description of existing vegetation at the site and percent ground cover and method used to goperations; 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 as	1. <u>S</u>	1. STORMWATER MANAGEMENT PLAN (in the "Applicant" column specify the page number for each item)					
3 Site description and location to include: vicinity map with nearest street/crossroads description Y 4 temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and removal of temporary control measures) 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 6 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 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 8 Soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 10 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 11 Material handing to include spill prevention and response plan and procedures Y N 12 Spill prevention and pollution controls for	1			Y			
Narrative description of construction activities proposed (e.g., may include clearing and grubbing, Y 4 temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and 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 6 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 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 8 Soli erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 10 generations; outdoor storage of materials; vehicle and equipment maintenance and fueling; Y 11 Material handling to include spill prevention and response plan and procedures Y 12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site spill tracking N 14 Location and description of any anticipated allowable non-stormwater di	2	Table of Contents		Υ			
4 temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and removal of temporary control measures) 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 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 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 8 Soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover 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; 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 11 Material handling to include spill prevention and response plan and procedures <td>3</td> <td>Site description and location to include: vicinity map with nearest street/crossroads description</td> <td></td> <td>Υ</td>	3	Site description and location to include: vicinity map with nearest street/crossroads description		Υ			
3 larger projects. Provide "living maps" that can be revised in the field as conditions dictate 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 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 8 Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover 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; Y 11 Material handling to include spill prevention and response plan and procedures Y 12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site spil tracking N 14 Location and description of any anticipated allowable non-stormwater outed or storm sewer system discharge<	4	temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and		Y			
6 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 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 8 Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 9 A 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; Y 10 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 11 Material handling to include spill prevention and response plan and procedures Y 12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site soil tracking N <tr< td=""><td>5</td><td></td><td></td><td>Y</td></tr<>	5			Y			
1 be updated on the SWMP as changes occur 1 8 Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 1 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 11 Material handling to include spill prevention and response plan and procedures Y 12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site soil tracking N 14 Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of storm sewer system discharge N <t< td=""><td>6</td><td>completion dates for each stage of land-disturbing activity depicting conservation measures</td><td></td><td>Y</td></t<>	6	completion dates for each stage of land-disturbing activity depicting conservation measures		Y			
8 determine soil erosion potential Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 9 A description of existing vegetation at the site and percent ground cover and method used to determine ground cover Y 10 b cocation 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 11 Material handling to include spill prevention and response plan and procedures Y 12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site soil tracking N 14 Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of stormwater outpal or storm sewer system discharge N	7			Y			
9determine ground coverY10Location 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 toiletsY11Material handling to include spill prevention and response plan and proceduresY12Spill prevention and pollution controls for dedicated batch plantsN13Other SW pollutant control measures to include waste disposal and off-site soil trackingN14Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.)N15Name(s) of ultimate receiving waters; size, type and location of stormwater outpel or storm sewer system dischargeN16Description of all stream crossings located within the project area or statement that no streamsY	8			Y			
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 toiletsY11Material handling to include spill prevention and response plan and proceduresY12Spill prevention and pollution controls for dedicated batch plantsN13Other SW pollutant control measures to include waste disposal and off-site soil trackingN14Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.)N15Name(s) of ultimate receiving waters; size, type and location of stormwater outfal or storm sewer system dischargeN16Description of all stream crossings located within the project area or statement that no streamsY	9			Y			
12 Spill prevention and pollution controls for dedicated batch plants N 13 Other SW pollutant control measures to include waste disposal and off-site soil tracking N 14 Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge N 16 Description of all stream crossings located within the project area or statement that no streams Y	10	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;		Y			
13 Other SW pollutant control measures to include waste disposal and off-site soil tracking N 14 Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge N 16 Description of all stream crossings located within the project area or statement that no streams V	11	Material handling to include spill prevention and response plan and procedures		Υ			
14 Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of stormwater outpat or storm sewer system discharge N 16 Description of all stream crossings located within the project area or statement that no streams V	12	Spill prevention and pollution controls for dedicated batch plants		Ν			
14 springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.) N 15 Name(s) of ultimate receiving waters; size, type and location of stormwater outball or storm sewer N 16 Description of all stream crossings located within the project area or statement that no streams V	13	Other SW pollutant control measures to include waste disposal and off-site soil tracking		Ν			
15 system discharge N 16 Description of all stream crossings located within the project area or statement that no streams V	14			Ν			
	15			Ν			
	16			Y			

addressed



3275 Akers Drive Colorado Springs, CO 80922 Phone 719-520-6460 Fax 719-520-6879 www.elpasoco.com

EL PASO COUNTY STORMWATER MANAGEMENT PLAN CHECKLIST

HRG: responses to comments

EPC Project Number:

	Revised: October 2021	Applicant	EPC		
17	SWMP Map to include:				
17a	construction site boundaries		Υ		
17b	flow arrows to depict stormwater flow directions		Υ		
17c	all areas of disturbance		Ν		
17d	areas of cut and fill		Υ		
17e	areas used for storage of building materials, soils (stockpiles) or wastes		Υ		
17f	location of any dedicated asphalt / concrete batch plants		N/A		
17g	location of all structural control measures		Υ		
17h	location of all non-structural control measures		Υ		
17i	springs, streams, wetlands and other surface waters, including areas that require maintenance of pre-existing vegetation addressed at of a receiving water		Υ		
18	Narrative description of all structural control measures to be used. Modifications to EPC standard control measures must meet or exceed County-approved details		Υ		
19	Description of all non-structural control measures to be used including seeding, mulching, protection of existing vegetation, site watering, sod placement, etc.		Ν		
20	Technical drawing details for all control measure installation and maintenance; custom or other jurisdiction's details used must meet or exceed EPC standards		Ν		
21	Procedure describing how the SWMP is to be revised		Υ		
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		
23	Specification that final vegetative cover density is to be 70% of pre-disturbed levels		Υ		
24	Outline of pe to construction phasing measures to text. The second secon		Y		
25	Record keep record keep records on inspection logs and location of SWMP		Ν		
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)		Ν		
	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. <u>A</u>	2. ADDITIONAL REPORTS/PERMITS/DOCUMENTS				
а	Grading and Erosion Control Plan (signed)				
b	Erosion and Stormwater Quality Control Permit (ESQCP) (signed)				



3275 Akers Drive Colorado Springs, CO 80922 Phone 719-520-6460 Fax 719-520-6879 www.elpasoco.com

EL PASO COUNTY STORMWATER MANAGEMENT PLAN CHECKLIST

EPC Project Number:

	Revised: October 2021	Applicant	EPC
3. <u>Al</u>	PLICANT COMMENTS		
а			
b			
с			
4. <u>C</u>	HECKLIST REVIEW CERTIFICATIONS		
а	Applicant: 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.		Y
b	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. Review Engineer Date		