

City of El Centro

Erosion and Sediment Control Plan Review Checklist

Project: _____ Reviewer: _____ Review Date: _____

If an item below is marked “No”, the Erosion and Sediment Control Plan (Plan) either does not provide the required information or that item is deficient and a correction must be made. When BMPs are proposed, ensure appropriate CASQA/Caltrans BMP sheets are referenced if detail is not provided in Plan.

<u>Site Characteristics/General Information</u>	Meets Requirements?			Comments (All “N/A” items should have comment)
	Yes	No	N/A	
Provides <i>name, address, and signature of Civil Engineer</i> or person who prepared the Plan.	<input type="checkbox"/>	<input type="checkbox"/>		
Shows <i>project limits</i> and <i>outlines disturbed areas</i> .	<input type="checkbox"/>	<input type="checkbox"/>		
Details <i>direction of runoff flows</i> within the project site and <i>run-on flows</i> from adjacent areas OR contour before and after development - may use separate plan sheets for clarity.	<input type="checkbox"/>	<input type="checkbox"/>		
Includes location of existing and proposed <i>drainage ways, channels, swales, creeks, streams, streets, easements or other structures</i> on or near the site (i.e. sidewalks, gutters, utilities, etc.)	<input type="checkbox"/>	<input type="checkbox"/>		
Lists all other applicable water quality-related environmental permits (State Construction General Permit, Water Board 401 Water Quality Certification, U.S. Army Corps 404 permit, and/or California Department of Fish and Game 1600 Agreement). Permission to begin soil disturbance should not be granted until proof of obtaining all applicable permits has been submitted.	<input type="checkbox"/>	<input type="checkbox"/>		

Erosion Control Plan Review Checklist

BMP Controls						
BMP Categories	Required, Where Applicable¹	CASQA BMP Factsheet No.	CASQA BMP Factsheet Name	Proposed? (Yes/No/NA; Explain if "NA")	Adequately Shown on Plan? (Yes/No/NA)	Notes
Project Planning	Yes	EC-1	Scheduling			
Erosion Control	Yes, Select Effective Combination as Applicable ^{2,3}	EC-3	Hydraulic Mulch ³			
		EC-6	Straw Mulch ³			
		EC-8	Wood Mulching ³			
		EC-4	Hydroseeding			
		EC-2	Preservation of Existing Vegetation ³			
		EC-7	Geotextiles and Mats ³			
		EC-14	Compost Blankets ³			
		EC-5	Soil Binders ³			
	Yes, Select Effective Combination as Applicable ²	EC-9	Earth Dikes and Drainage Swales			
		EC-10	Velocity Dissipation Devices			
		EC-11	Slope Drains			
	Yes	EC-12	Stream Bank Stabilization			
	Alternative that May Be Considered ⁴	EC-15	Soil Preparation Roughening ³			
		EC-16	Non-Vegetative Stabilization ³			

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Sediment Control	Yes, Select Effective Combination as Applicable ^{2,5}	SE-1	Silt Fence ⁶			
		SE-2	Sediment Basin ⁷			
		SE-3	Sediment Traps ⁷			
		SE-6	Gravel Bag Berm			
		SE-4	Check Dam			
	SE-5	Fiber Rolls ⁶				
	Yes	TC-1	Stabilized Construction Entrance/Exit			
	At Discretion of City ⁸	TC-2	Stabilized Construction Roadway			
	At Discretion of City ⁸	TC-3	Tire Wash			
	Yes	SE-10	Storm Drain Inlet Protection			
	Alternative that May Be Considered ⁹	SE-12	Manufactured Linear Sediment Controls			
		SE-13	Compost Socks and Berms			
		SE-14	Biofilter Bags			
	At Discretion of City ⁸	WE-1	Wind Erosion Control			
At Discretion of City ^{7,10}	SE-11	Active Treatment Systems ¹⁰				

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BMP Categories	Required, Where Applicable ¹	CASQA BMP Factsheet No.	CASQA BMP Factsheet Name	Proposed? (Yes/No/NA; Explain if "NA")	Adequately Shown on Plan? (Yes/No/NA)	Notes
Waste Management and Good Housekeeping	Yes	WM-3	Stockpile Management			
	Yes	WM-8	Concrete Waste Management			
	Yes	NS-8	Vehicle and Equipment Cleaning			
	Yes	NS-10	Vehicle and Equipment Maintenance			
	Yes	WM-5	Solid Waste Management			
	Yes	SE-7	Street Sweeping and Vacuuming			
	Yes	WM-1	Material Delivery & Storage			
	Yes	WM-4	Spill Prevention & Control			
	Yes	WM-6	Hazardous Waste Management			
	Yes	WM-10	Liquid Waste Management			
	Yes	NS-9	Vehicle and Equipment Fueling			
	Yes	WM-9	Sanitary/Septic Waste Management			
	Yes	NS-1	Water Conservation Practices			
	Yes	NS-2	Dewatering Operations			
	Yes	NS-3	Paving and Grinding Operations			
	Yes	NS-4	Temporary Stream Crossing			
	Yes	NS-5	Clear Water Diversion			
	Yes	NS-6	Illicit Connection/Discharge			
Yes	NS-7	Potable Water/Irrigation ¹¹				
Yes	NS-11	Pile Driving Operations				

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Waste Management and Good Housekeeping (Continued)	Yes	NS-12	Concrete Curing			
	Yes	NS-13	Concrete Finishing			
	Yes	NS-14	Material Over Water			
	Yes	NS-15	Demolition Adjacent to Water			
	Yes	NS-16	Temporary Batch Plants			
	Yes	WM-2	Material Use			
	Yes	WM-7	Contaminated Soil Management			

Notes

1. BMPs marked as required do not need to be included in plans or implemented if demonstrated not to be applicable satisfactory to City staff.
2. A combination of the BMPs within these categories that will be effective, as determined by City staff, shall be proposed. Typically not all BMPs within the category will be necessary to provide an effective combination. In some cases only one BMP from the category may be necessary to be effective.
3. The City requires erosion control BMPs to be applied to areas that have been inactive for at least 14 days, in accordance with the CASQA factsheet.
4. These BMPs may be included as part of the overall effective combination of erosion control BMPs if approved by City staff.
5. An effective combination of sediment control BMPs includes both full perimeter protection and sediment control within the boundaries of the site.
6. Silt fence and fiber rolls shall be staked and trenched into the ground as shown in the CASQA factsheet to be effective. Therefore, they may not be used in paved areas or other areas where staking and trenching is not possible; gravel bags (SE-6) or compost socks (SE-13) shall be used instead.
7. Sediment basins and traps shall be sized per CASQA and City standards. Sediment basins and traps shall be maintained after storms in accordance with the CASQA factsheets unless otherwise directed by City staff. Due to site drainage patterns, sediment basins and traps are often located where permanent post-construction BMPs will eventually be installed. All accumulated sediment from the construction phase shall be removed prior to final installation of permanent post-construction BMPs to maintain the as-designed percolation rate.
8. These BMPs are not required to be included in plans or implemented unless specifically directed to be included by City staff to meet the MEP standard.
9. These BMPs may be included as part of the overall effective combination of sediment control BMPs if approved by City staff.
10. Active treatment systems are required for CGP Risk Level 3 sites. They may also be required for other sites at the discretion of City staff.
11. The CASQA factsheet implies some irrigation runoff may be acceptable. However, irrigation runoff discharges are considered illegal discharges and are prohibited per the City's Municipal Code.