



Standard Development Project Storm Water Quality Management Plan

This Standard Development Project (SDP) Storm Water Quality Management Plan (SWQMP) must be completed in its entirety and accompany applications to the City of Santee for a permit or approval associated with all SDPs. To determine whether your project is required to submit a SDP SWQMP or Priority Development Project (PDP) SWQMP, please reference the City's "Storm Water Intake Form - All Permit Applications."

Step A: Project Identification

Project Name: [Click here to enter text.](#)

Project Address: [Click here to enter text.](#)

Project ID: [Click here to enter text.](#) **Assessor's Parcel Number(s):** [Click here to enter text.](#)

Estimated Start Date: [Click here to enter text.](#) **Estimated Completion Date:** [Click here to enter text.](#)

Applicant Name: [Click here to enter text.](#) **Applicant Phone:** [Click here to enter text.](#)

Applicant Email: [Click here to enter text.](#)

Step B: Applicant Certification:

I understand that the City of Santee has adopted minimum requirements for managing urban runoff, including storm water, from construction and land development activities, as described in the Best Management Practices (BMP) Design Manual.

The Standard Development Project SWQMP is intended to comply with the requirements of the City's BMP Design Manual. Requirements, Santee's Storm Water Ordinance (Section 9.06) and regional Permit (California Regional Water Quality Control Board San Diego Region Order No. R9-2013-0001, as amended by Order No. R9-2015-0001 and Order No. R9-2015-0100) requirements for storm water management.

I certify the BMPs selected on this form will be implemented to minimize the potentially negative impacts of this project's construction and land development activities on water quality. I further agree to install, monitor, maintain, or revise the selected BMPs to ensure their effectiveness. I also understand that non-compliance with the City's Storm Water Ordinance and Grading Ordinance may result in enforcement by the City, including fines, cease and desist orders, or other actions.

Signature of Applicant: _____ **Date:** [Click here to enter text.](#)

Print Name of Applicant: [Click here to enter text.](#)

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Step C: Site Information Checklist	
<u>Watershed Hydrologic Unit</u>	San Diego River 907 <input type="checkbox"/> 907.12 <input type="checkbox"/> 907.13
<u>Parcel Area</u> (Total area of Assessor's Parcel(s) associated with the project; area associated with the project includes construction entrance/exits, right of way improvements, etc.)	_____ Acres (_____ Square Feet)
<u>Total Area to be Disturbed by the Project</u> (Project Area)	_____ Acres (_____ Square Feet)
Proposed Impervious Area (subset of Project Area)	_____ Acres (_____ Square Feet)
Proposed Pervious Area (Subset of Project Area)	_____ Acres (_____ Square Feet)
<i>Note: Proposed Impervious Area + Proposed Pervious Area = Area to be Disturbed by the Project. This may be less than the Parcel Area.</i>	
Existing Site Condition and Drainage Patterns	
<p>Current Status of the Site (select all that apply):</p> <p><input type="checkbox"/> Existing development</p> <p><input type="checkbox"/> Previously graded but not built out</p> <p><input type="checkbox"/> Demolition completed without new construction</p> <p><input type="checkbox"/> Agricultural or other non-impervious use</p> <p><input type="checkbox"/> Vacant, undeveloped/natural</p> <p>Description / Additional Information: Click here to enter text.</p>	
<p>Existing Land Cover Includes (select all that apply):</p> <p><input type="checkbox"/> Vegetative Cover</p> <p><input type="checkbox"/> Non-Vegetated Pervious Areas</p> <p><input type="checkbox"/> Impervious Areas</p> <p>Description / Additional Information: Click here to enter text.</p>	

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Step C: Site Information Checklist - continued

Underlying Soil belongs to Hydrologic Soil Group (select all that apply):

- NRCS Type A
- NRCS Type B
- NRCS Type C
- NRCS Type D

Source Cited: _____

Existing Natural Hydrologic Features (select all that apply):

- Watercourses
- Seeps
- Springs
- Wetlands
- None

Description / Additional Information:

[Click here to enter text.](#)

Description of Existing Site Drainage - How is storm water runoff conveyed from the site?

[Click here to enter text.](#)

At a minimum, this description should answer

1. Is the existing drainage / conveyance system natural or urban: [Click here to enter text.](#)
2. Describe all existing constructed storm water conveyance systems: [Click here to enter text.](#)
3. Is offsite runoff conveyed through the site? if so, describe.]:
[Click here to enter text.](#)

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Step C: Site Information Checklist - continued

Proposed Site Development and Drainage Patterns

Project Description / Proposed Land Use and/or Activities: [Click here to enter text.](#)

List all proposed impervious features of the project (e.g., buildings, roadways, parking lots, sidewalks, driveways, courtyards, athletic courts, other impervious features): [Click here to enter text.](#)

List proposed pervious features of the project (e.g., landscape areas): [Click here to enter text.](#)

Does the project include grading and changes to site topography?

Yes

No

Description / Additional Information: [Click here to enter text.](#)

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Step C: Site Information Checklist - continued

Does the project include changes to site drainage (e.g., installation of new storm water conveyance systems)?

- Yes
- No

Description / Additional Information: [Click here to enter text.](#)

Identify whether any of the following features, activities, and/or pollutant source areas will be present (select all that apply):

- On-site storm drain inlets
- Interior floor drains and elevator shaft sump pumps
- Interior parking garages
- Need for future indoor & structural pest control
- Landscape/Outdoor Pesticide Use
- Pools, spas, ponds, decorative fountains, and other water features
- Food service
- Refuse areas
- Industrial processes
- Outdoor storage of equipment or materials
- Vehicle and Equipment Cleaning
- Vehicle/Equipment Repair and Maintenance
- Fuel Dispensing Areas
- Loading Docks
- Fire Sprinkler Test Water
- Miscellaneous Drain or Wash Water
- Plazas, sidewalks, and parking lots

Description / Additional Information: [Click here to enter text.](#)

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Step D: Construction BMP Checklist

Minimum Required Standard Construction Storm Water BMPs

If you answer “Yes” to any of the questions below, your project is subject to Table 1 on the following page (Minimum Required Standard Construction Storm Water BMPs). As noted in Table 1, please select at least the minimum number of required BMPs, or as many as are feasible for your project. If no BMP is selected, an explanation must be given in the box provided. The following questions are intended to aid in determining construction BMP requirements for your project.

Note: All selected BMPs below must be included on the BMP Plan Sheet and incorporated into the construction plan sets.

<p>1. Will there be soil disturbing activities that will result in exposed soil areas? (This includes minor grading and trenching.) Reference Table 1 Items A, B, D, and E</p> <p><i>Note: Soil disturbances NOT considered significant include, but are not limited to, change in use, mechanical/electrical/plumbing activities, sign installation, temporary trailers, interior remodeling, and minor tenant improvement.</i></p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>2. Will there be asphalt paving, including patching? Reference Table 1 Items D and F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>3. Will there be slurries from mortar mixing, coring, or concrete saw cutting? Reference Table 1 Items D and F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>4. Will there be solid wastes from concrete demolition and removal, wall construction, or form work? Reference Table 1 Items D and F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>5. Will there be stockpiling (soil, compost, asphalt, concrete, solid waste) for over 24 hours? Reference Table 1 Items D and F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>6. Will there be dewatering operations? Reference Table 1 Items C and D</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>7. Will there be temporary on-site storage of construction materials, including mortar mix, raw landscaping and soil stabilization materials, treated lumber, rebar, and plated metal fencing materials? Reference Table 1 Items E and F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>8. Will trash or solid waste product be generated from this project? Reference Table 1 Item F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>9. Will construction equipment be stored on site (e.g.: fuels, oils, trucks, etc.?) Reference Table 1 Item F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>10. Will Portable Sanitary Services (“Porta-potty”) be used on the site? Reference Table 1 Item F</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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Step D: Construction BMP Checklist (continued)			
Table 1			
Minimum Required Best Management Practices (BMPs)	CALTRANS Storm Water Handbook ¹	BMP Selected	Reference the sheet # where each BMP is shown on the plans. If a BMP is not selected, an explanation must be provided.
A. Erosion Control Methods for Disturbed Slopes (select one or more for the appropriate season)			
Vegetation Stabilization Planting ² (Summer)	SS-2, SS-4	<input type="checkbox"/>	Click here to enter text.
Hydraulic Stabilization Hydroseeding ² (Summer)	SS-4	<input type="checkbox"/>	
Bonded Fiber Matrix or Stabilized Fiber Matrix ³ (Winter)	SS-3	<input type="checkbox"/>	
Physical Stabilization Erosion Control Blanket ³ (Winter)	SS-7	<input type="checkbox"/>	
B. Erosion Control Methods for Disturbed Flat Areas (slope < 5%) – select one or more			
Perimeter Protection	SC-2	<input type="checkbox"/>	Click here to enter text.
Will use erosion control measures from Item A on flat areas also	SS-3, 4, 7	<input type="checkbox"/>	
Desilting Basin (must treat all site runoff)	SC-2	<input type="checkbox"/>	
Mulch, straw, wood chips, soil application	SS-6, SS-8	<input type="checkbox"/>	

¹ State of California Department of Transportation (Caltrans). 2003. Storm Water Quality Handbooks, Construction Site Best Management Practices (BMPs) Manual. March. Available online at: <http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>

² If Vegetation Stabilization (Planting or Hydroseeding) is proposed for erosion control it must be installed between May 1st and August 15th. Irrigation must be installed and remain operable for slopes >3 feet. Temporary erosion control measures must be in place until vegetation is established. Established vegetation means that there must be a subsurface mat of intertwined mature roots with a uniform vegetative coverage of 70 percent of the natural vegetative coverage or more on all disturbed areas.

³ Slopes >3 feet must have established (see footnote ²) vegetative cover prior to release of the plant establishment bond.

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Step D: Construction BMP Checklist - Table 1 (continued)			
Minimum Required Best Management Practices (BMPs)	CALTRANS Storm Water Handbook¹	BMP Selected	Reference the sheet # where each BMP is shown on the plans. If a BMP is not selected, an explanation must be provided.
C. If runoff or dewatering operation is concentrated, velocity must be controlled using an energy dissipater			
Energy Dissipater Outlet Protection	SS-10	<input type="checkbox"/>	Click here to enter text.
D. Select sediment control method for all disturbed areas (choose at least one)			
Silt Fence	SC-1	<input type="checkbox"/>	Click here to enter text.
Fiber Rolls (Straw Wattles)	SC-5	<input type="checkbox"/>	
Gravel & Sand Bags	SC-6 & 8	<input type="checkbox"/>	
Dewatering Filtration	NS-2	<input type="checkbox"/>	
Storm Drain Inlet Protection	SC-10	<input type="checkbox"/>	
Engineered Desilting Basin (sized for 10-year flow)	SC-2	<input checked="" type="checkbox"/>	
E. Select method for preventing offsite tracking of sediment (choose at least one)			
Stabilized Construction Entrance	TC-1	<input type="checkbox"/>	Click here to enter text.
Construction Road Stabilization	TC-2	<input type="checkbox"/>	
Entrance/Exit Tire Wash	TC-3	<input type="checkbox"/>	
Entrance/Exit Inspection & Cleaning Facility	TC-1	<input type="checkbox"/>	
Street Sweeping and Vacuuming	SC-7	<input type="checkbox"/>	
F. Select the general site management BMPs			
<i>F.1 Materials Management</i>			
Material Delivery & Storage	WM-1	<input type="checkbox"/>	Click here to enter text.
Spill Prevention and Control	WM-4	<input type="checkbox"/>	
<i>F.2 Waste Management⁴</i>			
Waste Management / Concrete Waste Management	WM-8	<input type="checkbox"/>	Click here to enter text.
Solid Waste Management	WM-5	<input type="checkbox"/>	
Sanitary Waste Management	WM-9	<input type="checkbox"/>	
Hazardous Waste Management	WM-6	<input type="checkbox"/>	

Note: The Construction General Permit (Order No. 2009-0009-DWQ) also requires all projects not subject to the BMP Design Manual to comply with runoff reduction requirements through the implementation of post-construction BMPs as described in Section XIII of the order.

⁴ Not all projects will have every waste identified. The applicant is responsible for identifying wastes that will be onsite and applying the appropriate BMP. For example, if concrete will be used, BMP WM-8 must be selected.

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Step E: Post-Construction Source Control BMP Checklist

Source Control BMPs

All development projects must implement source control BMPs 4.2.1 through 4.2.6 where applicable and feasible. See Chapter 4.2 and Appendix E of the City's BMP Design Manual for information to implement source control BMPs shown in this checklist.

Answers for each source control requirement must be pursuant to the following:

- "Yes" means the project will implement the source control BMP as described in Chapter 4.2 and/or Appendix E of the City's BMP Design Manual. Discussion/justification is not required.
- "No" means the BMP is applicable to the project but not feasible to implement. Discussion/justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature addressed by the BMP (e.g., the project has no outdoor materials storage areas).

Note: All selected BMPs below must be included on the BMP Plan Sheet and incorporated into the construction plan sets.

Source Control Requirement	Applied?		
Prevention of Illicit Discharges into the MS4	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Storm Drain Stenciling or Signage	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Protect Outdoor Materials Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Protect Materials Stored in Outdoor Work Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Protect Trash Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Additional BMPs Based on Potential Sources of Runoff Pollutants (must answer for each source listed below):			
A. Storm drain inlet protection	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
B. Interior floor drains, sump pumps, condensate lines, etc., connected to sewer	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
C. Interior parking garages	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
D. Reduced need for future indoor & structural pest control	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
E. Limited landscape/outdoor pesticide use	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
F. Pools, spas, ponds, fountains, and other water features	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
G. Food service	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
H. Trash or Refuse areas	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
I. Industrial processes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
J. Outdoor storage of equipment or materials	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
K. Vehicle and equipment cleaning	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
L. Vehicle/equipment repair and maintenance	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
M. Fuel dispensing areas	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
N. Loading docks	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
O. Fire sprinkler test water	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
P. Miscellaneous drain or wash water	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Q. Plazas, sidewalks, driveways, and parking lots	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

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Step E: Post-Construction Source Control BMP Checklist - continued

Discussion/justification for each "No" selected in Step D:

Item #	Justification
Click here to enter text.	Click here to enter text.
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Click here to enter text.	Click here to enter text.

Attach additional pages as necessary.

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Step F: Post-Construction Site Design BMP Checklist

Site Design BMPs

All development projects must implement the following site design BMPs where applicable and feasible. See Chapter 4.3 and Appendix E of the City's BMP Design Manual for information to implement site design BMPs shown in this checklist.

Answers for each site design requirement must be pursuant to the following:

- "Yes" means the project will implement the site design BMP as described in Chapter 4.3 and/or Appendix E of the BMP Design Manual. Discussion/justification is not required.
- "No" means the BMP is applicable to the project but not feasible to implement. Justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature addressed by the BMP (e.g., the project site has no existing natural areas to conserve).

Note: All selected BMPs below must be included on the BMP Plan Sheet and incorporated into all construction plan sets.

Site Design Requirement	Applied?		
R. Maintain Natural Drainage Pathways and Hydrologic Features	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
S. Conserve Natural Areas, Soils, and Vegetation	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
T. Minimize Impervious Area	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
U. Minimize Soil Compaction	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
V. Impervious Area Dispersion	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
W. Runoff Collection	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
X. Landscaping with Native or Drought Tolerant Species	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Y. Harvesting and Using Precipitation	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Discussion/justification for all "No" answers shown above:

Item #	Justification