**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. | |
| Step C: Site Information Checklist | |
| Watershed Hydrologic Unit | San Diego River 907  907.12  907.13 |
| Parcel Area  (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) |
| Total Area to be Disturbed by the Project  (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) |
| *Note: Proposed Impervious Area + Proposed Pervious Area = Area to be Disturbed by the Project.*  *This may be less than the Parcel Area.* | |
| Existing Site Condition and Drainage Patterns | |
| Current Status of the Site (select all that apply):  Existing development  Previously graded but not built out  Demolition completed without new construction  Agricultural or other non-impervious use  Vacant, undeveloped/natural  Description / Additional Information:  Click here to enter text. | |
| Existing Land Cover Includes (select all that apply):  Vegetative Cover  Non-Vegetated Pervious Areas  Impervious Areas  Description / Additional Information:  Click here to enter text. | |
| 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. |

|  |
| --- |
| **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. |
| **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. |

|  |  |  |
| --- | --- | --- |
| 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.* | | |
| 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  *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.* | ☐Yes | ☐No |
| 2. Will there be asphalt paving, including patching? Reference Table 1 Items D and F | ☐Yes | ☐No |
| 3. Will there be slurries from mortar mixing, coring, or concrete saw cutting?  Reference Table 1 Items D and F | ☐Yes | ☐No |
| 4. Will there be solid wastes from concrete demolition and removal, wall construction, or form work? Reference Table 1 Items D and F | ☐Yes | ☐No |
| 5. Will there be stockpiling (soil, compost, asphalt, concrete, solid waste) for over 24 hours? Reference Table 1 Items D and F | ☐Yes | ☐No |
| 6. Will there be dewatering operations? Reference Table 1 Items C and D | ☐Yes | ☐No |
| 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 | ☐Yes | ☐No |
| 8. Will trash or solid waste product be generated from this project? Reference Table 1 Item F | ☐Yes | ☐No |
| 9. Will construction equipment be stored on site (e.g.: fuels, oils, trucks, etc.?) Reference Table 1 Item F | ☐Yes | ☐No |
| 10. Will Portable Sanitary Services (“Porta-potty”) be used on the site? Reference Table 1 Item F | ☐Yes | ☐No |

|  |  |  |  |
| --- | --- | --- | --- |
| Step D: Construction BMP Checklist (continued) | | | |
| Table 1 | | | |
| 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.** |
| A. Erosion Control Methods for Disturbed Slopes (select one or more for the appropriate season) | | | |
| Vegetation Stabilization  Planting² (Summer) | SS-2, SS-4 |  | Click here to enter text. |
| Hydraulic Stabilization Hydroseeding2 (Summer) | SS-4 |  |
| Bonded Fiber Matrix or Stabilized Fiber Matrix³ (Winter) | SS-3 |  |
| Physical Stabilization Erosion Control Blanket3 (Winter) | SS-7 |  |
| B. Erosion Control Methods for Disturbed Flat Areas (slope < 5%) – select one or more | | | |
| Perimeter Protection | SC-2 |  | Click here to enter text. |
| Will use erosion control measures from Item A on flat areas also | SS-3, 4, 7 |  |
| Desilting Basin (must treat all site runoff) | SC-2 |  |
| Mulch, straw, wood chips, soil application | SS-6, SS-8 |  |

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.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |  | Click here to enter text. | |
| D. Select sediment control method for all disturbed areas (choose at least one) | | | | |
| Silt Fence | SC-1 |  | Click here to enter text. | |
| Fiber Rolls (Straw Wattles) | SC-5 |  |
| Gravel & Sand Bags | SC-6 & 8 |  |
| Dewatering Filtration | NS-2 |  |
| Storm Drain Inlet Protection | SC-10 |  |
| Engineered Desilting Basin (sized for 10-year flow) | SC-2 |  |
| E. Select method for preventing offsite tracking of sediment (choose at least one) | | | | |
| Stabilized Construction Entrance | TC-1 |  | Click here to enter text. | |
| Construction Road Stabilization | TC-2 |  |
| Entrance/Exit Tire Wash | TC-3 |  |
| Entrance/Exit Inspection & Cleaning Facility | TC-1 |  |
| Street Sweeping and Vacuuming | SC-7 |  |
| F. Select the general site management BMPs | | | | |
| *F.1 Materials Management* | | | | |
| Material Delivery & Storage | WM-1 |  | Click here to enter text. | |
| Spill Prevention and Control | WM-4 |  |
| *F.2 Waste Management ⁴* | | | | |
| Waste Management / Concrete Waste Management | WM-8 |  | Click here to enter text. | |
| Solid Waste Management | WM-5 |  |
| Sanitary Waste Management | WM-9 |  |
| Hazardous Waste Management | WM-6 |  |

*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.

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

|  |  |
| --- | --- |
| 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. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. | | Click here to enter text. | Click here to enter text. |     Attach additional pages as necessary. |

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | ☐Yes | ☐No | ☐N/A |
| S. Conserve Natural Areas, Soils, and Vegetation | ☐Yes | ☐No | ☐N/A |
| T. Minimize Impervious Area | ☐Yes | ☐No | ☐N/A |
| U. Minimize Soil Compaction | ☐Yes | ☐No | ☐N/A |
| V. Impervious Area Dispersion | ☐Yes | ☐No | ☐N/A |
| W. Runoff Collection | ☐Yes | ☐No | ☐N/A |
| X. Landscaping with Native or Drought Tolerant Species | ☐Yes | ☐No | ☐N/A |
| Y. Harvesting and Using Precipitation | ☐Yes | ☐No | ☐N/A |
| *Discussion/justification for all "No" answers shown above:*   |  |  | | --- | --- | | Item # | Justification | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | | | |