VENTURA COUNTYWIDE STORMWATER QUALITY MANAGEMENT PROGRAM

CITY OF SAN BUENAVENTURA

STORMWATER POLLUTION

CONTROL PLAN (SWPCP)*

Project Name: _____

SWPCP Prepared By: _____

Project Information

Tract: _____ CUP: _____ SUP: _____

Location: _____ APN: _____

General Description: _____

_____

CITY OF SAN BUENAVENTURA

Received As
Final Version: _____
(Date)

By: _____
(Land Development)

***** This SWPCP is required for all construction projects that **disturb less than one acre of soil.** If the project **disturbs one or more acres of soil**, it is subject to the State General Construction NPDES Permit and related Local SWPPP (see Ventura County Municipal Stormwater Permit, Order 2010-0108) is required in place of this form.

REQUIREMENT FOR STORMWATER POLLUTION CONTROL PLAN

Prior to the issuance of any construction/grading permit and/or the commencement of any clearing, grading or excavation, applicants/owners of projects with construction activities that disturb less than one acre of soil shall prepare and submit a Stormwater Pollution Control Plan (SWPCP), on the form provided herein, for the review and approval of the City Engineer.

The purpose of the SWPCP is to identify potential pollutant sources that may affect the quality of discharges and to design the use and placement of Best Management Practices (BMPs) to effectively prohibit the entry of pollutants from the construction site into the storm drain system during construction. Erosion and sediment source control BMPs should be considered for both active and inactive (previously disturbed) construction areas. BMPs for wind erosion and dust control are also included. The SWPCP may require modification as the project progresses and as conditions warrant.

The SWPCP shall be developed and implemented in accordance with the Ventura Countrywide Stormwater Quality Management Program, National Pollutant Discharge Elimination System (NPDES) Permit No. CAS004002 and any other requirements established by the City.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement an effective combination of erosion, sediment and dust control BMPs and maintain these BMPs throughout the construction schedule. The purpose of BMP implementation is to prevent erosion and sediment loss, and the discharge of construction wastes to the storm drain system. A copy of approved SWPCP and all supporting documents shall be kept at the construction site.

STORMWATER
POLLUTION CONTROL PLAN

DEFINITIONS:
SWPCP – Storm Water Pollution Control Plan
BMP – Best Management Practice

This Storm Water Pollution Control Plan and BMPs (EC, TC, etc.) reference are from the California Stormwater Quality Association (CASQA) Stormwater Best Management Practice Handbook - Construction. The handbook may be obtained by downloading them from: www.cabmphandbooks.com.

Responsible Party Information

Project Owner/Developer: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Consulting Engineer: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Owner/Developer's Authorized Representative: _____

Phone: _____

Estimated Start Date of Project: _____ Estimated Finish Date of Project _____

Site Map Requirements

In addition to proposed construction plans, provide the following information on the Site Map (attached to this SWPCP as Attachment D), the following items as applicable:

- Construction (boundaries of project) area including ingress/egress, access, offsite improvements, etc. = _____ acres
- Soil disturbance area = _____ acres
- Existing paved areas and buildings.
- Areas of existing vegetation to be protected/preserved.
- Areas where it is known that toxic materials have been stored, disposed, spilled, or leaked onto the construction site.
- Affected watercourses, lakes, wetlands, springs, and wells.
- Watershed boundary of off-site areas that drain into the construction site.
- The boundary of the drainage area where storm water leaves the property.
- Areas of soil disturbance and locations of potential soil erosion areas requiring BMPs during construction.
- Areas of cut and fill.
- Drainage patterns and slopes anticipated after major grading activities.
- Location of existing storm drains facilities.
- Types and locations of storm water structures, controls, and/or BMPs, which will be constructed/utilized to control storm water pollution during construction. Provide a brief description of BMPs selected and if appropriate attached modified fact sheets or additional information.
- Construction and erosion control material storage areas.
- Temporary stockpile and construction waste storage areas.
- Construction vehicle storage and service areas.

The above information should be updated as needed to meet evolving construction conditions.

Inventory of Contractor's Activities and Special Conditions

1. Type of materials that will be handled and/or stored at the site: (Circle all that apply)

   -Solvents -Metals -Petroleum Products -Plated Products

   -Asphalt/Concrete -Paints -Hazardous Materials -Wood

   -Other (Please List) _____

2. Describe equipment and vehicles that will be used on site.

3. Describe existing soil condition. If fill material used identify source and composition (attached soil report).

4. Provide a description of special site conditions that may contribute pollutants to discharges and how they are to be controlled.

5. Describe stormwater structures/controls on the site prior to construction and how these structures/controls will be integrated into the SWPCP to reduce sediment and other pollutants in all discharges.

6. Provide the sequence for implementation or installation or proposed BMPs.

7. List waters, other than storm water, which will flow from the site during dry weather, the approximate amount of flow, and methods for preventing or treating these dry weather flows.

Monitoring, Inspection and Maintenance Requirements

1. Before start of construction train all site personnel responsible for installing, inspecting and maintaining BMPs. (Attachment A - Trained Contractor Personnel Log)

2. Inspect and implement maintenance/repair efforts to ensure required BMPs are in good and effective condition on a continual basis. (Attachment B - Construction Site Inspection Checklist)

3. Keep records and document the following efforts:
   - Weekly Inspection
   - Pre-Storm Inspection (NOAA forecasted rain event 50% or greater chance of rain)
   - During-Storm Inspection
   - Post-Storm

BMP Selection Checklist – Attach copies of all BMP's used

CONSTRUCTION SITE BMPs SELECTION CHECKLIST			
The BMPs listed here should be considered for every project. Identify BMPs project is planning on implementing.			
Erosion Control BMPs			
BMP No.	BMP	CHECK IF USED	LOCATION OF BMP AT SITE
EC-1	Scheduling		
EC-2	Preservation of Existing Vegetation		
EC-3	Hydraulic Mulch		
EC-4	Hydroseeding		
EC-5	Soil Binders		
EC-6	Straw Mulch		
EC-7	Geotextiles & Mats		
EC-8	Wood Mulching		
EC-9	Earth Dikes & Drainage Swales		
EC-10	Velocity Dissipation Devices		
EC-11	Slope Drains		
EC-12	Stream bank Stabilization		
EC-13	Polyacrylamide		

CONSTRUCTION SITE BMPs SELECTION CHECKLIST			
The BMPs listed here should be considered for every project. Identify BMPs project is planning on implementing.			
SEDIMENT CONTROL BMPs			
BMP No.	BMP	CHECK IF USED	LOCATION OF BMP AT SITE
SE-1	Silt Fence		
SE-2	Sediment Basin		
SE-3	Sediment Trap		
SE-4	Check Dams		
SE-5	Fiber Rolls		
SE-6	Gravel Bag Berm		
SE-7	Street Sweeping and Vacuuming		
SE-8	Sand Bag Barrier		
SE-9	Straw Bale Barrier		
SE-10	Storm Drain Inlet Protection		
SE-11	Chemical Treatment		
WIND EROSION CONTROL BMPs			
WE-1	Wind Erosion Control		
TRACKING CONTROL BMPs			
TC-1	Stabilized Construction Entrance/Exit		
TC-2	Stabilized Construction Roadway		
TC-3	Entrance/Outlet Tire Wash		

CONSTRUCTION SITE BMPs SELECTION CHECKLIST			
The BMPs listed here should be considered for every project. Identify BMPs project is planning on implementing.			
NON-STORM WATER MANAGEMENT BMPs			
BMP No.	BMP	CHECK IF USED	LOCATION OF BMP AT SITE
NS-1	Water Conservation Practices		
NS-2	Dewatering Operations		
NS-3	Paving and Grinding Operations		
NS-4	Temporary Stream Crossing		
NS-5	Clear Water Diversion		
NS-6	Illicit Connection/ Discharge		
NS-7	Potable Water/ Irrigation		
NS-8	Vehicle and Equipment Cleaning		
NS-9	Vehicle and Equipment Fueling		
NS-10	Vehicle and Equipment Maintenance		
NS-11	Pile Driving Operations		
NS-12	Concrete Curing		
NS-13	Concrete Finishing		
NS-14	Material and Equipment Use Over Water		
NS-15	Demolition Adjacent to Water		
NS-16	Temporary Batch Plants		

CONSTRUCTION SITE BMPs
SELECTION CHECKLIST

The BMPs listed here should be considered for every project.
Identify BMPs project is planning on implementing.

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs

BMP No.	BMP	CHECK IF USED	LOCATION OF BMP AT SITE
WM-1	Material Delivery and Storage		
WM-2	Material Use		
WM-3	Stockpile Management		
WM-4	Spill Prevention and Control		
WM-5	Solid Waste Management		
WM-6	Hazardous Waste Management		
WM-7	Contaminated Soil Management		
WM-8	Concrete Waste Management		
WM-9	Sanitary/Septic Waste Management		
WM-10	Liquid Waste Management		

Certification

Architect/Engineer

As the Architect/Engineer of record, I have selected appropriate BMPs effectively minimizing the negative impacts of this project's construction activities on storm water quality. The project owner and contractor are aware that the selected BMPs must be installed, monitored, and maintained to ensure their effectiveness. The BMPs not selected for implementation are redundant or deemed not applicable to the proposed construction activity.

Name: _____ Title: _____

Signature: _____ Date: _____

Owner/Developer

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate and complete. I am aware that submitting false and/or inaccurate information, failing to update the SWPCP to reflect current conditions, or failing to properly and/or adequately implement the SWPCP may result in revocation of grading and/or other permits or other sanctions provided by law.

Name: _____ Title: _____

Signature: _____ Date: _____

Acceptance or approval of this Stormwater Pollution Control Plan in no way precludes the authority of the agency to require modification to the plan as conditions warrant nor does agency take responsibility for performance of BMPs provided for in the Plan.

Attachment A - Trained Contractor Personnel Log

Contractor employees and subcontractors must be trained on the SWPCP prior to start of construction and annually thereafter. Contractor shall keep original training logs with the SWPCP.

Stormwater Management Training Log

Project Name: _____

Project Number/Location: _____

Stormwater Management Topic (check as appropriate):

- ❑ Erosion Control
- ❑ Sediment Control
- ❑ Wind Erosion Control
- ❑ Tracking Control
- ❑ Non-stormwater management
- ❑ Waste Management and Materials Pollution Control
- ❑ Storm Water Sampling

Specific Training Objective: _____

Location: _____ Date: _____

Instructor: _____ Telephone: _____

Course Length (hours): _____

Attendee Roster (attach additional forms if necessary)

Name	Company	Phone

Comments: _____

_____

Attachment B – Construction Site Inspection Checklist

Contactor shall complete this checklist and keep a copy with the SWPCP a minimum of:

- Weekly throughout construction
- Pre-storm, during-storm and post-storm for significant rain events (forecasted 0.25 inches or greater).
- Stormwater controls need to be implemented in all construction areas (active and inactive) year-round.

Date/Time of Inspection: _____
Project Name: _____
Contractor Name: _____
Weather Conditions: _____
Type of Inspection (Weekly, Pre-, During-, Post-): _____

BMP Description	BMP Implemented		
	Yes	No*	NA
Are erosion and sediment controls identified in SWPCP implemented to prevent discharges offsite?			
Are construction site entrances/exits stabilized and free of sediment trackout?			
Are perimeter controls in place and being maintained?			
Are construction materials stored off ground and protected from stormwater?			
Are construction areas free of stains on bare soil?			
Are inactive stockpiles covered and contained?			
Are construction wastes properly disposed of in waste disposal receptacles and covered at end of each day?			
Are concrete/liquid waste washouts located onsite and being maintained?			
Are staging areas implementing BMPs and being maintained?			
Is fugitive dust controlled? Water being used as needed?			
Are catch basins, drainage channels and drain inlets/outlets protected?			
Are portable toilets contained and located away from discharge locations and storm drain inlets?			
Are spill prevention procedures implemented at site?			

*BMP deficiencies shall be addressed through repair, replacement or redesign within 72 hours of identification

Comment(s): _____
_____

I certify under the penalty of law that this inspection is true, and I or a qualified assigned person has performed the required inspection as stated in the SWPCP.

_____ _____
Inspector Name Date Inspector Signature

Attachment C

(Insert BMP's used in this project from California Stormwater BMP Handbook)

Attachment D

(Insert site plan w/ BMP locations)