



The	e following items should be included in the Agricultural or Oil Field Grading Submittal application packet: Please submit the following documents via email to PWA_LDServices@ventura.org electronically (PDF)
	LDS-AG Grading Permit Submittal (this form-box checked)
	LDS-01 Permit Application (must be signed and completed)
	LDS-03 Authorization of Agent (if required)
	LDS-04 Acknowledgement of Employment of Technical Consultants (if required) Must be signed by all consultants and owner
	DS-06 Stormwater Permit Requirements for New Development and Redevelopment Questionnaire
	DS-07 Stormwater Permit Requirements for Construction Activities
	SW-1, SW-2 or SW-HR. Stormwater Quality form(s) Note: To determine which SW-Form is required, use and complete the DS-07 form
	Agricultural Grading Permit Deposit For current deposit/fee amounts, see "Schedule of Processing Fees & Deposits."
	Geotechnical Report (if required)
	LDS-11 Off-site construction permission letter (if required)
	Grading Plans

Expiration of application. An application for which no permit is issued within 360 days following the date of application shall expire by limitation. Plans, documents, reports, and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Official. Upon written request by the applicant, prior to permit expiration, a permit application may be extended by the Building Official where necessary and for good cause, for an extended time period that is deemed practical, provided:

- 1. The project plans and specifications have been updated to reflect compliance with any new applicable code provisions that came into effect as a result of an adopted code change, and
- 2. The request for extension is accompanied by an Application Extension Fee and a Plan Review Fee as prescribed in the County's adopted Fee Schedule, for review of any required plan revisions,
- 3. There are no significant changes to the plans or the permit application.

Refund Recipient:

Name	Address	
City	_Zip Code	Phone
Email		_



LDS-01 GRADING PERMIT LAND DEVELOPMENT SERVICES 800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDservices@ventura.org

Permit No.

PUBLIC

Grading Work Descrip	otion		
Assessor Parcel No(s)		
Address of Work			
Grading Type: 🔲 R	egular 🗌 Engineered 🗌 Stoc	kpile Agricu	Itural Oil Field Remove & Recompact Discretionary
Depth of Cut E	xcavation CY Export	CY	Height of Fill Fill CY Import CY
Destination of Surplus	8		Source of Import
Stormwater Form(s):	WDID:		QSP Required: Yes No
VCPWA Comments:			VC DWG No(s)
	PRO	JECT CONTACT	INFORMATION
			ddress
City	Zip	Email	Phone
			ldress
City	Zip	Email	Phone
			ddress
City	Zip	Email	Phone
Soils Engineering			Address
City	Zip	Email	Phone
Geology		Addre	SS
City	Zip	Email	Phone
or with any conditions any liability upon the modifications of this p I hereby acknowledge shall be in accordance	imposed by this permit shall relie governing agency for damage ermit or of the approved grading that I have read this application e with the approved plans, and th	ve any person fro to other persons plan must be ap and state that th ne applicable gra	suance of this permit, nor the compliance with the provisions hereof om responsibility for damage to other persons or property nor impose a or property. All attached addenda are a part of this permit. All proved by the governing agency. e above is correct, and that all excavation, grading and filling of land ading ordinance. In consideration of the County issuing this grading including the standard conditions (Page 2) and any special conditions
Your permit is not co grading permit is co		OF COMPLETI	ON - GRADING" is issued. Occupancy does not mean that your
X Signature		Print	NameDate
Issued by:		Date Issu	ed Expiration Date
It is required that each a	pplicant file the following:	NORKER'SCON	IPENSATION
 A certificate of conse A certificate of Worke An exact copy certifie Worker's Compensat 	nt to self-insure issued by the Directo er's Compensation Insurance issued b ed by the Director of Industrial Relatio ion Insurance Policy No	by an admitted insu	irer, or
 Statement of Underst "I certify that in the subject to the Work of California of all s 	anding: performance of the work for which er's Compensation Laws of Califor	n this permit is iss mia. I further cert for any participati s true and correct	ued, I shall not employ any person in any manner so as to become ify that I will verify compliance with the Worker's Compensation Laws on on projects over which I have contractual jurisdiction."
		X Signature	Date
			E, ENTER THE WORD "NONE or N/A" Standard Conditions as described on page 2

STANDARD PERMIT CONDITIONS

1. Grading shall be in accordance with:

- a. Ventura County Building Code (VCBC) Appendix J, Latest Edition,
- b. Ventura County Public Works Agency (VCPWA) Grading Permit Conditions, General Grading Notes, and Approved Grading Plans,
- c. Standard Specifications for Public Works Construction (SSPWC),
- d. Ventura County Standard Land Development Manual & Specifications and any supplemental conditions if applicable.
- The Permittee shall call for inspection by the Building Official at all required stages of work with a minimum 48-hours notice. The Permittee shall obtain approval of all stages of work by the Building Official prior to proceeding with the next stage of work. Work stages are identified below as described in VCBC:
 - a. Pre-grade
 - b. Initial
 - c. In progress
 - d. Rough grade
 - e. Final grade
- 3. The permittee shall be responsible for determining the existence and location of any existing underground facilities.
- 4. An excavator planning to conduct an excavation shall notify UNDERGROUND SERVICE ALERT—SOUTHERN CALIFORNIA (toll free at 811) at least two working days, and not more than 14 calendar days, before beginning that excavation. The excavator shall obtain a DigAlert ticket requesting the utility owners to mark or otherwise indicate the location of their subsurface facilities and shall renew ticket(s) as required to maintain validity throughout the duration of grading activities. The excavator shall determine the location and depth of all utilities, including all service connections, which have been marked by the respective owners and which may affect or be affected by its operations. The excavator shall take all necessary measures to protect all utilities and structures found at the site. (Ref: California Government Code Section 4216.)
- 5. Construction inspection deposits shall be made in accordance with the Board of Supervisor's adopted Fee and Deposit Schedule. The permittee shall pay the actual costs (including overhead) for services rendered. If at any time the actual costs exceed the deposits, the permittee shall pay the balance due before proceeding with further work. Failure to remit payment when due may result in the County issuing a "Stop Work Notice". Deposits not used will be refunded to the permittee at time of completion of all required work.
- 6. A preconstruction/pre-grade conference of all interested parties shall be held prior to any construction or grading. Any work performed under this permit prior to conducting a pre-grade meeting will be subject to whatever action including restoration to existing conditions before work was begun, that the County of Ventura deems necessary to inspect, correct and/or approve said work.
- 7. This permit is valid only to the extent of Ventura County Building Code. Permits and consent required by other interested Agencies and consent of the underlying fee owner of easement and that of easement holders shall be the responsibility of the permittee. The permittee shall be responsible for obtaining all necessary permits and permissions from affected property owners, public agencies, and others.
- 8. If the owner wishes to change any technical consultants, grading shall cease until a new technical consultant assumes and accepts responsibility for the grading.
- 9. If the property subject to this permit changes ownership, the seller shall notify the Building Official in writing of the pending transfer and pay any outstanding permit fees. The grading shall cease until the new owner contacts Land Development Services to transfer the permit to the new owner and deposit permit fees.
- 10. Any deviation from the approved grading plans requires prior approval by the Building Official. The permittee shall submit a change order application and revised plans for review and approval by Land Development Services, unless the Building Official provides prior approval for a minor field adjustment to be documented on the "As-Built" drawings.
- 11. Prior to the "Notice of Completion" all grading disturbed areas must be stabilized and slopes vegetated with 70% coverage using native vegetation, where practical.

LDS-03 AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNERS BEHALF LAND DEVELOPMENT SERVICES 800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDServices@ventura.org

I hereby authorize the person identified below to act as my agent to apply for, sign, and file the documents necessary to obtain the permits required for my project (excluding the *Notice to Property Owner*, the execution of which I understand is my personal responsibility). My agent should receive copies of all notices and communications related to my project unless I have otherwise notified the County.

oject Description:
PN(s):
oject Address:
ame of Authorized Agent:
ddress of Authorized Agent:
none Number of Authorized Agent:
Mail Address of Authorized Agent:

PROPERTY OWNER ACKNOWLEDGEMENT

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy. Further, I agree that I and my agent will abide by all ordinances of the County of Ventura and that any approvals granted for this project will be carried out in accordance with the requirements of the County of Ventura.

Property Owner's Name:	
Property Owner's Signature:	Date:
Property Owner's Mailing Address:	
Property Owner's E-Mail Address:	
Property Owner's Phone Number:	
Note: A copy of the owner's driver's license, notarization, or other veri	

submitted with this form to verify property owner's signature. The owner must be as shown on the latest Assessor records.

Driver License

Staff Verification of Property Owner Signature:

Staff Signature

Date



Permit No.



Notarized Letter

Other



LDS-04 ACKNOWLEDGEMENT OF EMPLOYMENT OF TECHNICAL CONSULTANTS LAND DEVELOPMENT SERVICES

800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDServices@ventura.org



Address/Location of Property _

Tract No.__

_APN(s): ___

The Owner(s) of the above described property hereby acknowledge that, as a condition of the Grading Permit and during all work authorized by said permit, a Registered Civil Engineer will be retained to be in responsible charge of the work and perform the duties of Civil Engineer in accordance with requirements of the Grading Ordinance and the Land Development Manual, and further, that professional consultants (soils and geology) will be employed to make test, investigations, perform inspections and file the reports that are or may be required for compliance with said Ordinance and Manual.

Should new consultants be hired following approval by the County of the original reports and grading plan, the new consultants shall be bound by the grading plan and recommendations contained therein. If the plan, recommendations or work completed are not acceptable to the new consultants they shall provide a new report with recommendations and supporting data which must then be incorporated on a change order plan to be submitted for approval by Land Development Services.

Owner(s) Signature	Date Phone
Owner(s) Name	Address
Email:	_ City

The undersigned verify that they have been retained as stated above and agree to notify the County within 48 hours if such employment is terminated. It is further understood that all Soils and/or Geology Reports are to be coordinated by and submitted to the County by the Civil Engineer.

Civil Engineer			Date	Phone	
	(Signature)				
Name		Firm		Reg. No	
Email:			_		
Soils Engineering			Date	Phone	
	(Signature)	- .			
Name		Firm		Reg. No	
Email:					
Geology			Date	Phone	
(If applicable)	(Signature)				
Name		Firm		Reg. No	
			-		
QSD/QSP/CPESC _ (If applicable)			Date	Phone	
	(Signature)				
Name		Firm		Reg. No	
Email:			_		

INSTRUCTIONS: This document must be completed and filed with the County before the grading permit may be issued. Rev. June 2021

COUNTY OF VENTURA



Project Information

STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE



-	
Assessor Parcel Number(s):	Record Number(s):
Project Address:	Disturbed Area:
General Description:	

The Ventura County Municipal Stormwater Permit requires implementation of Post-Construction Stormwater Management Plan (PCSMP) controls for applicable New Development and Redevelopment projects. The Part 4.E "Planning and Land Development Program" of the Permit (Order No. R4-2010-0108) provides detailed requirements on the design, implementation, and maintenance of PCSMP controls (available at https://www.onestoppermits.vcrma.org/).

✓ Please place a check mark in all the boxes that apply to project.

The following questionnaire will determine if the proposed project is subject to Ventura Countywide NPDES Municipal Stormwater Permit Order No. R4-2010-0108, Part 4.E "Planning and Land Development Program" requirements to design, implement, and maintain PCSMP controls.

- 1. Does this proposed project involve construction of street(s), road(s), highway(s), or freeway adding or creating 10,000 square feet or more of **impervious surface area** (refer to the Definition on page 3)?
 - ☐ Yes, this project shall incorporate USEPA Guidance "Managing Wet Weather with Green Infrastructure: Green Streets" to the maximum extent practicable. For additional information refer to <u>https://www.onestoppermits.vcrma.org/</u> under Surface Water Quality Section's "Guidelines/Standards". For submittal requirements, refer to item 8 below.
 - **No**, proceed to item 2 below.
- 2. Is the proposed project located within the County Unincorporated Urban areas?
 - **Yes**, proceed to item 3 below.
 - **No**, this proposed project <u>is not subject to PCSMP controls</u>. **No further Action.**
- 3. Is this application for construction of a Single Family Hillside¹ Home?
 - ☐ Yes, this project shall include Post-Construction Requirements for Single-Family Hillside Homes. For additional information refer to <u>https://www.onestoppermits.vcrma.org/</u> under Surface Water Quality Section's "Guidelines/Standards". For submittal requirements, refer to item 8 below and proceed to item 4 below.
 - **No**, proceed to item 4 below.
- 4. Is this application for a New Development project involving creation or addition of **impervious surface area** (refer to the Definition on page 3)?
 - **Yes**, proceed to item 5 below.
 - **No**, proceed to item 6 below.
- 5. Please check the appropriate box if the proposed New Development project involves any of the following activities:
 - Yes, New Development project equal to 1 acre or greater of disturbed area and adding more than 10,000 square feet of **impervious surface area** (refer to the Definition on page 3);
 - **Yes**, Industrial park 10,000 square feet or more of surface area;

¹ "Hillside" is defined as a project having an Average Natural Slope of 20% or greater. The calculation for Average Natural Slope can be found in the Ventura County Building Code Appendix J.

COUNTY OF VENTURA STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE

LDS-06

- Yes, Commercial strip mall 10,000 square feet or more of **impervious surface area** (refer to the Definition page 3);
- Yes, Retail gasoline outlet 5,000 square feet or more of surface area;
- **Yes**, Restaurant 5,000 square feet or more of surface area;
- Yes, Parking lot 5,000 square feet or more of **impervious surface area** (refer to the Definition on page 3), or with 25 or more parking spaces;
- **Yes**, Automotive service facility 5,000 square feet or more of surface area;
- **Yes**, a project located in or directly adjacent to, or discharging directly to an Environmentally Sensitive Area² (ESA), where the development will:
 - A) Discharge storm water runoff that is likely to impact a sensitive biological species or habitat; and
 - B) Create 2,500 square feet or more of **impervious surface area** (refer to the Definition on page 3).
- **No**, none of the above; this proposed New Development project <u>is not subject to PCSMP Controls</u>. **No further Action.**

If you check "Yes" in at least one box above (item 5), proceed to item 8 below for required project submittal information.

- 6. Is proposed project a Redevelopment and land-disturbing activity (not an interior remodel, roof replacement, or other maintenance-related activities) of an existing single-family dwelling³ and accessory structures that will result in creation, addition, or replacement of 10,000 square feet of **impervious surface area** (refer to the Definition on page 3)?
 - **Yes**, the PCSMP controls are required; for project submittal information refer to item 8
 - **No**, proceed to item 7 below.
- 7. Is proposed Redevelopment and land-disturbing activity (not maintenance) project other than existing single-family dwelling that will result in creation, addition, or replacement of 5,000 square feet of **impervious surface area** (refer to the Definition on page 3) on <u>already developed site</u>⁴?
 - Yes, the PCSMP controls are required; for project submittal information refer to item 8
 - **No**, this Redevelopment project <u>is not subject to PCSMP controls</u>. **No further Action**.
- 8. If you answered "**YES**" to questions in items 5, 6, or 7, the proposed project is subject to design, construction, and maintenance of the PCSMP controls in accordance with the Ventura Countywide Technical Guidance Manual (TGM) for Stormwater Quality Control Measures (The TGM can be found on the VC Stormwater website at http://www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual). The following items shall be included in your application package:
 - A) Identify proposed PCSMP controls on your site/grading plan,
 - B) Provide the necessary analysis in your Drainage Study to demonstrate that the PCSMP controls will function as proposed including any applicable stormwater quality design flow or volume calculations for proposed treatment device(s) using applicable form³ (Appendix E&G of the Technical Guidance Manual), and
 - C) Submit a Post-Construction Stormwater Management Plan (PCSMP)⁵.

⁵ County of Ventura PCSMP form is available at <u>https://www.onestoppermits.vcrma.org/</u> under Surface Water Quality Section's "Forms" tab. For additional information, call the Water Quality Engineer at (805) 662-6737.

² For complete ESA information, call the Water Quality Engineer at (805) 662-6737.

³ To determine if proposed project meets definition of Redevelopment project, the already developed site shall equal to 1 acre or greater of disturbed area and more than 10,000 ft ² of impervious area shall meet at least one of the criteria listed in items 5 above. For additional information, call the Water Quality Engineer at (805) 662-6737.

⁴ To determine if proposed project meets definition of Redevelopment project, the already developed site shall meet at least one of the criteria listed in items 5 above. For additional information, call the Water Quality Engineer at (805) 662-6737.

COUNTY OF VENTURA STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE

LDS-06

Questionnaire was prepared by:	
Name:	Title:
Organization Name:	
Signature:	Date:
ADDITIONAL INFORMATION:	

Documents referenced in this questionnaire are available at https://www.onestoppermits.vcrma.org/.

DEFINITION:

Impervious Surface Area - A hard surface area which either prevents or retards the entry of water into the predevelopment soil mantle. Common impervious surfaces include, but are not limited to, roof tops, walkways, patios, driveways, parking lots or storage areas, impermeable concrete or asphalt paving, gravel roads, packed earthen materials, and oiled macadam or other surfaces which similarly impede the natural infiltration of stormwater. For complete definition refer to the 2011 Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures available at http://www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual.

For more information refer to <u>https://www.onestoppermits.vcrma.org/</u> under Surface Water Quality Section or call Water Quality Engineer at (805) 662-6737.

The copy of the Ventura Countywide Technical Guidance Manual (TGM) for Stormwater Quality Control Measures is available at http://www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual.



COUNTY OF VENTURA

STORMWATER PERMIT REQUIREMENTS FOR CONSTRUCTION ACTIVITIES QUESTIONNAIRE



Project Information	
Assessor Parcel Number(s):	Project Address:
Permit Number(s):	Distrubed Area in Acres:

The Ventura County Municipal Stormwater Permit requires implementation of an effective combination of Best Management Practices (BMPs) at construction sites in order to prevent erosion and sediment loss, or the discharge of construction wastes to the storm drain system (available at https://www.onestoppermits.vcrma.org/ subpart 4.F of the Los Angeles Regional Water Quality Control Board Permit Order No. 10-0108). Additionally, construction activities causing one acre or more of soil disturbance (or less than one acre but as a part of a larger common area of development or sale) require coverage under the California Statewide General Construction Permit CAS000002, available online at http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.

Please place a check mark in all the boxes that apply to project.

□ Construction activities causing less than 1 acre of soil disturbance:

• Complete and submit **SW-1** (Best Management Practices for Construction Less than 1 Acre) with the Building Permit application.

□ Construction activities with soil disturbance of 1 acre or greater:

- As required by the State Water Resources Control Board (SWRCB) State General Construction Permit No.CAS000002, the following items must be completed and submitted to the SWRCB:
 - Stormwater Pollution Prevention Plan (SWPPP)
 - Notice of Intent (NOI)
 - SWRCB fee

(Additional information available online at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml)

- Complete SW-2 (Best Management Practices for Construction 1 Acre or Greater).
- Include completed form **SW-2** in the prepared site-specific **SWPPP** and submit with the Building Permit application and to the County Stormwater Program. If your project requires a Grading Permit, then submit documentation with Grading Permit application instead.

□ Construction Activities at High Risk Sites (see map and definition on back):

- Complete and submit **SW-HR** (Best Management Practices for Construction at High Risk Sites worksheet).
- Qualified SWPPP Developer (QSD), Qualified SWPPP Practitioner (QSP), or personnel or consultants who are Certified Professionals in Erosion and Sediment Control (CPESC) shall inspect the site:
 - at the time of BMP installation,
 - at least weekly between October 1 and April 15, and
 - at least once each 24 hour period during a storm event that generates runoff from the site.
- Retain records of inspection reports for review by inspectors upon request.

REQUIREMENTS FOR ALL CONSTRUCTION SITES

- A copy of the required form (SW-1, Local SWPPP/SW-2, or SW-HR as applicable) must be kept at the site during construction activities.
- Implement all required BMPs during construction.

Questionnaire was prepared by:

Name: _____

Title:

Signature:

Date:

County of Ventura Stormwater Permit Requirements for Construction Activities Questionnaire

ADDITIONAL INFORMATION:

Documents referenced in this questionnaire area available at https://www.onestoppermits.vcrma.org/.

DEFINITIONS:

CONSTRUCTION ACTIVITY includes any construction or demolition activity, clearing, grading, grubbing, or excavation or any other activity that results in a land disturbance. Construction does not include emergency construction activities required to immediately protect public health and safety or routine maintenance activities required to maintain the integrity of structures by performing minor repair and restoration work, maintain original line and grade, hydraulic capacity, or original purpose of the facility. See "**ROUTINE MAINTENANCE**" definition for further explanation. Where clearing, grading or excavating of underlying soil takes place during a repaving operation, State General Construction Permit Order No. 2009-0009-DWQ (CAS000002) coverage is required if more than one acre is disturbed or the activities are a part of a larger plan.

ROUTINE MAINTENANCE - Routine maintenance projects include, but are not limited to projects conducted to:

- 1. Maintain the original line and grade, hydraulic capacity, or original purpose of the facility.
- 2. Perform as needed restoration work to preserve the original design grade, integrity and hydraulic capacity of flood control facilities.
- 3. Includes road shoulder work, re-grading dirt or gravel roadways and shoulders and performing ditch cleanouts.
- 4. Update existing lines^A and facilities to comply with applicable codes, standards, and regulations regardless if such projects result in increased capacity.
- 5. Repair leaks

Routine maintenance does not include construction of new lines^B or facilities resulting from compliance with applicable codes, standards and regulations.

- *Notes:* ^A Update existing lines includes replacing existing lines with new materials or pipes.
 - ^B New lines are those that are not associated with existing facilities and are not part of a project to update or replace existing lines.

HIGH RISK SITES:

- (i) Construction sites on hillsides (of a average natural slope of 20% or greater slope, calculation in VCBC); and
- (ii) Construction sites that **directly discharge**¹ to a waterbody listed on the CWA § 303 (d) list for siltation or sediment; or
- (iii) Construction activities that occur within or directly adjacent² to an Environmentally Sensitive Area³. Refer to Figure 1 (Ventura County Environmentally Sensitive Areas) illustrating ESA locations in Ventura County.
- ¹ **Directly Discharge -** means outflow from a drainage conveyance system that is composed entirely or predominantly of flows from the subject, property, development, subdivision, or industrial facility, and not commingled with the flows from adjacent lands.
- ² **Directly Adjacent -** means situated within 200 feet of the contiguous zone required for the continued maintenance, function, and structural stability of the environmentally sensitive area.
- ³ Environmentally Sensitive Area (ESA) means an area "in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments" (Reference: California Public Resources Code § 30107.5). ESAs will include Clean Water Act 303d Listed Water Bodies in all reaches that are unimproved, all California Coastal Commission's Environmentally Sensitive Habitat Areas as delineated on maps in Local Coastal Plans and the Regional Water Quality Control Board's Basin Plan's Rare, Threatened or Endangered Species (RARE) and Preservation of Biological Habitats (BIOL) designated waterbodies. The California Department of Fish and Game's Significant Natural Areas map will be considered for inclusion as the department field verifies the designated locations. Watershed restoration projects will be considered for inclusion as the department field verifies the designated locations.

For information on requirements for Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP), refer to http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml.

For information on requirements for Certified Professionals in Erosion and Sediment Control (CPESC), refer to http://www.cpesc.net/



SW-1

COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM



BEST MANAGEMENT PRACTICES FOR CONSTRUCTION LESS THAN 1 ACRE

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities that disturb less than one acre of soil</u>, shall prepare and submit this Best Management Practices (BMPs) worksheet on the form provided herein.

The purpose of the implementing BMPs is 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 construction areas. BMPs for wind erosion and dust control are also included. The BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Stormwater Municipal Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Name

Project Information (if applicable)

Assessor Parcel Number:	Grading Permit No.:
Building Permit No.:	Land Use No.:
Conditional Use Permit No.:	Subdivision No.:
Location:	
General Description:	
Construction Start Date:	
Construction Completion Date:	
Disturbed Area in Acres:	
FOR STAFF USE ONLY: Reviewed & Approved By:	Title:
Signature:	Date:

Best Management Practices - BMPs

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at <u>www.casqa.org</u> or Construction Site Best Management Practices (BMP) Manual <u>https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks</u>

Table A. BMPs at Construction Sites Less than 1 Acre

tormwater BMP Handbooks	Yes		(If no oteta recease)
BMPs Selected – Noted by Ref. ID from the California Stormwater BMP Handbooks			(If no, state reason)
I BMPs			
Scheduling			
Preservation of Existing Vegetation			
liment Control BMPs			
Silt Fence			
Sandbag Barrier			
cking Control BMPs			
Stabilized Construction Entrance/Exit			
er Management BMPs			
Water Conservation Practices			
Dewatering Operations			
ment & Materials Pollution Control BMPs			
Material Delivery & Storage			
Stockpile Management			
Spill Prevention & Control			
Solid Waste Management			
Concrete Waste Management			
Sanitary/Septic Waste Mgmt.			
Ps Selected			
	Preservation of Existing Vegetation Iment Control BMPs Silt Fence Sandbag Barrier cking Control BMPs Stabilized Construction Entrance/Exit or Management BMPs Water Conservation Practices Dewatering Operations ment & Materials Pollution Control BMPs Material Delivery & Storage Stockpile Management Spill Prevention & Control Solid Waste Management Concrete Waste Management	SchedulingPreservation of Existing VegetationIment Control BMPsSilt FenceSandbag Barriercking Control BMPsStabilized Construction Entrance/Exiter Management BMPsWater Conservation PracticesDewatering Operationsment & Materials Pollution Control BMPsMaterial Delivery & StorageStockpile ManagementSpill Prevention & ControlSolid Waste ManagementConcrete Waste ManagementSanitary/Septic Waste Mgmt.	Scheduling Image: Scheduling Vegetation Preservation of Existing Vegetation Image: Scheduling Vegetation Siment Control BMPs Silt Fence Sandbag Barrier Image: Scheduling Vegetation Cking Control BMPs Stabilized Construction Entrance/Exit Stabilized Construction Entrance/Exit Image: Scheduling Vegetation Preservation Practices Image: Scheduling Vegetation Dewatering Operations Image: Scheduling Vegetation Material Delivery & Storage Image: Stockpile Management Spill Prevention & Control Image: Scheduling Vegetation Solid Waste Management Image: Scheduling Vegetation Sanitary/Septic Waste Mgmt. Image: Scheduling Vegetation

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize 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:	
Organization Name:		
Signature:	Date:	

Property Owner/ Owner's Representative or Designee:

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure 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 Local SWPPP to reflect current conditions, or failing to properly and/ or adequately implement the Local SWPPP may result in revocation of grading and/ or other permits or other sanctions provided by law.

Title:
Date:



SW-HR

COUNTY OF VENTURA

STORMWATER QUALITY MANAGEMENT PROGRAM



ENHANCED BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AT HIGH RISK SITES

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities at High Risk Sites</u>, shall prepare and submit this Enhanced Best Management Practices (BMPs) worksheet on the form provided herein.

High Risk Sites include:

- (i) Construction sites on hillsides (where the existing slope is 20% or greater in the area of disturbance); or
- (ii) Construction sites that directly discharge¹ to a waterbody listed on the CWA § 303 (d) list for siltation or sediment; or
- (iii) Construction activities that occur within or directly adjacent² to an Environmentally Sensitive Areas³ (ESAs). Refer to Figure 1 (Ventura County Environmentally Sensitive Areas) illustrating ESA locations in Ventura County, available at <u>https://www.onestoppermits.vcrma.org/</u>.
- ¹ **Directly Discharge -** means outflow from a drainage conveyance system that is composed entirely or predominantly of flows from the subject, property, development, subdivision, or industrial facility, and not commingled with the flows from adjacent lands.
- ² **Directly Adjacent -** means situated within 200 feet of the contiguous zone required for the continued maintenance, function, and structural stability of the environmentally sensitive area.
- ³ Environmentally Sensitive Area (ESA) means an area "in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments" (Reference: California Public Resources Code § 30107.5). ESAs will include Clean Water Act 303d Listed Water Bodies in all reaches that are unimproved, all California Coastal Commission's Environmentally Sensitive Habitat Areas as delineated on maps in Local Coastal Plans and Regional Water Quality Control Board's Basin Plan Rare, Threatened or Endangered Species (RARE) and Preservation of Biological Habitats (BIOL) designated waterbodies. The California Department of Fish and Game's Significant Natural Areas map will be considered for inclusion as the department field verifies the designated locations. Watershed restoration projects will be considered for inclusion as the department field verifies the designated locations.

The purpose of the implementing BMPs is 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 BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Municipal Stormwater Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Information (if applicable)

Assessor Parcel Number:	Grading Permit No.:
Building Permit No.:	Land Use No.:
Conditional Use Permit No.:	Subdivision No.:
Location:	
General Description:	
Construction Start Date:	
Construction Completion Date:	
Disturbed Area in Acres:	
FOR STAFF USE ONLY: Reviewed & Approved By:	<u>Title:</u>
Signature:	Date:

Enhanced Best Management Practices (BMPs)

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at <u>www.casqa.org</u> or Construction Site Best Management Practices (BMP) Manual <u>https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks</u>

Table A. Enhanced BMPs for Construction at High Risk Sites

BMPs Selected – Noted by Ref. ID from the California Stormwater BMP Handbooks		Use BMP		(If no state reason)	
		Yes	No	(If no, state reason)	
Erosion Control E	BMPs				
EC-1 or SS-1	Scheduling				
EC-2 or SS-2	Preservation of Existing Vegetation				
EC-3 or SS-3	Hydraulic Mulch				
EC-4 or SS-4	Hydroseeding				
EC-5 or SS-5	Soil Binders				
EC-6 or SS-6	Straw Mulch				

BMPs Selected -	- Noted by Ref. ID from the California mwater BMP Handbooks	Use BMP		
		Yes	No	(If no, state reason)
EC-7 or SS-7	Geotextiles and Mats			
EC-8 or SS-8	Wood Mulching			
EC-11 or SS-11	Slope Drains			
Temporary Sedim	ent Control BMPs			
SE-1 or SC-1	Silt Fence			
SE-2 or SC-2	Sediment Basin			
SE-4 or SC-4	Check Dam			
SE-5 or SC-5	Fiber Rolls			
SE-6 or SC-6	Gravel Bag Berm			
SE-7 or SC-7	Street Sweeping and/or Vacuum			
SE-8 or SC-8	Sand Bag Barrier			
SE-10 or SC-10	Storm Drain Inlet Protection			
SE-11	Active Treatment Systems ¹			
Temporary Tracki	ng Control BMPs			
TC-1	Stabilized Construction Entrance/Exit			
TC-2	Stabilized Construction Roadway			
TC-3	Entrance/Exit Tire Wash			
Non-Stormwater	Management BMPs			
NS-1	Water Conservation Practices			
NS-2	Dewatering Operations			
NS-8	Vehicle and Equipment Washing			
NS-9	Vehicle and Equipment Fueling			
NS-10	Vehicle and Equipment Maintenance			
WE-1	Wind Erosion Controls			
Waste Manageme	nt & Materials Pollution Control BMPs			
WM-1	Material Delivery & Storage			
WM-3	Stockpile Management			
WM-4	Spill Prevention & Control			
WM-5	Solid Waste Management			
WM-8	Concrete Waste Management			
WM-9	Sanitary/Septic Waste Mgmt.			

BMPs Selected -	- Noted by Ref. ID from the California	Use BMP		
Stor	mwater BMP Handbooks	Yes	No	(If no, state reason)
Additional BMPs	Selected			

¹ If appropriate given natural background stormwater runoff and receiving water quality conditions.

Enhanced BMP Inspection Requirements

Construction activity projects at high risk sites shall be inspected by the project proponent's:

- (a). Qualified Stormwater Pollution Prevention Plan (SWPPP) Developer*,
- (b). Qualified SWPPP Practitioner*, or
- (c). Personnel or contractors who are Certified Professionals in Erosion and Sediment Control (CPESC)**

<u>Notes:</u>

- Qualified SWPPP Developer/Practitioner for more information: e-mail <u>stormwater@waterboards.ca.gov</u>, call (916) 341-5537, or visit
 http://www.swrcb.ca.gov/water_issues/programs/stormwater/constpermits.shtml
- ** Certified Professionals in Erosion and Sediment Control (CPESC) for more information: email: info@cpesc.org, call (828) 655-1600, or visit <u>http://www.cpesc.org/</u>

The inspection frequency for construction activity projects at high risk sites must be:

- (i) at the time of BMP installation,
- (ii) at least weekly during the wet season, and
- (iii) at least once each 24 hour period during a storm event that generates runoff from the site.

The inspection purpose is to identify BMPs that need maintenance to operate effectively, that have failed or could fail to operate as intended. All records of the inspection shall be retained.

During the wet season (October 1 through April 15), the area of disturbance shall be limited to the area that can be controlled with an effective combination of erosion and sediment control BMPs. Enhanced sediment controls should be used in combination with erosion controls and should target portions of the site that cannot be effectively controlled by standard erosion controls described above.

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize 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:	Title:			
Organization Name:					
Signature:	Date:				

Property Owner/ Owner's Representative or Designee:

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure 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 Local SWPPP to reflect current conditions, or failing to properly and/ or adequately implement the Local SWPPP may result in revocation of grading and/ or other permits or other sanctions provided by law.

Name:	Title:
Organization Name:	
Signature:	Date:

Attachment 1 to SW-HR

Inspection Checklist for Construction Activities at High Risk Sites

Qualified Stormwater Pollution Prevention Plan (SWPPP) Developer, Qualified SWPPP Practitioner, or personnel or contractors who are Certified Professionals in Erosion and Sediment Control (CPESC) shall conduct site inspection at the time of BMP installation, at least weekly during the wet season (October 1 through April 15), and at least once each 24 hour period during a storm event that generates runoff from the site using this checklist. Keep a copy of the completed inspection checklist with the project form SW-HR for the "Construction Activities at High Risk Sites" on site.

DATE OF INSPECTION: _____

- at the time of BMP installation
- □ at least weekly during the wet season
- at least once each 24 hour period during a storm event that generates runoff from the site.

Project Name:			
•			

Inspector's Name:_____

Inspector - check below as applicable:

□ Qualified SWPPP Developer □ Qualified SWPPP Practitioner □ CPESC

Weather Conditions during inspection: _____

	Item	omplia compl NO	ance ished N/A	Date Completed
1	Are enhanced BMPs installed as identified in the project's SW-HR form?			
2	Are installed enhanced BMPs effective?			
3	Is the site entrance stabilization adequate?			
4	Is equipment/vehicles parked in designated areas and free from significant leaks? Are drip pans present as needed?			
5	Are maintenance areas free from stains on the soil?			
6	Are all materials stored in bins or covered in plastic and protected from storm water?			

Attachment 1 to SW-HR Continued

	ltem	Compliance Accomplished YES NO N/A		ished	Date Completed
7	Is construction waste being disposed of in proper trash containers?				
8	Are concrete washout stations present and being utilized and maintained?				
9	Is fugitive dust being controlled and water being used as needed?				
10	Are catch basins, drainage channels, drain inlets/outlets being protected?				

Comments:

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

Inspector Name:	Inspector	Signature:	
•		0	

Date: _____







COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITES ONE ACRE OR LARGER

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities that disturb one acre or</u> <u>more</u> shall prepare and submit this Best Management Practices (BMPs) worksheet and include certification statements from the qualified designer and each landowner (or the landowner's agent).

The purpose of the implementing BMPs is 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 construction areas. BMPs for wind erosion and dust control are also included. The BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Stormwater Municipal Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Information (if applicable)	
Assessor Parcel Number:	Grading Permit No.:
Building Permit No.:	Land Use No.:
Conditional Use Permit No.:	Subdivision No.:
Location:	
General Description:	
Construction Start Date:	
Construction Completion Date:	
Disturbed Area in Acres:	
FOR STAFF USE ONLY:	
Reviewed & Approved By:	<u>Title:</u>
Signature:	Date:

Project Name

Best Management Practices – BMPs

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at <u>www.casqa.org</u> or Construction Site Best Management Practices (BMP) Manual <u>https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks</u>

Table A. Minimum BMPs Required* for Construction Sites 1 acre or Greater

BMPs Sele	ected – Noted by Ref. ID from the	Use	BMP	* <i>///</i>
	a Stormwater BMP Handbooks	Yes	No*	* (If no, state reason)
Erosion Cor	ntrol BMPs			
EC-1 or SS-1	Scheduling			
EC-2 or SS-2	Preservation of existing Vegetation			
EC-3 or SS-3	Hydraulic Mulch			
EC-4 or SS-4	Hydroseeding			
EC-5 or SS-5	Soil Binders			
EC-6 or SS-6	Straw Mulch			
EC-7 or SS-7	Geotextiles and Mats			
EC-8 or SS-8	Wood Mulching			
Temporary	Sediment Control BMPs			
SE-1 or SC-1	Silt Fence			
SE-5 or SC-5	Fiber Rolls			
SE-6 or SC-6	Gravel Bag Berm			
SE-7 or SC-7	Street Sweeping and/or Vacuum			
SE-8 or SC-8	Sandbag Barrier			
SE-10 or SC-10	Storm Drain Inlet Protection			
Temporary ⁻	Tracking Control BMPs	•		
TC-1	Stabilized Construction Entrance/Exit			

BMPs Selected – Noted by Ref. ID from the		USE	BMP	* (16 ma atata magaan)
California	a Stormwater BMP Handbooks	YES	No*	* (If no, state reason)
TC-2	Stabilized Construction Roadway			
TC-3	Entrance/Exit Tire Wash			
Non-Stormwa	ater Management BMPs			
NS-1	Water Conservation Practices			
NS-2	Dewatering Operations			
NS-8	Vehicle and Equipment Washing			
NS-9	Vehicle and Equipment Fueling			
WE-1	Wind Erosion Controls			
Waste Manag	gement & Materials Pollution Control B	MPs		
WM-1	Material Delivery & Storage			
WM-3	Stockpile Management			
WM-4	Spill Prevention & Control			
WM-5	Solid Waste Management			
WM-8	Concrete Waste Management			
WM-9	Sanitary/Septic Waste Management			
Additional BMPs Selected			1	

Table B. Additional BMPs Required* for Construction Sites 5 acres and Greater Not

Applicable (check here for projects between 1 and 5 acres)

BMPs Selected – Noted by Ref. ID from the California Stormwater BMP Handbooks		Use BMP		* (16 ma atota razara)
		Yes	No*	* (If no, state reason)
Sediment Control BMPs				
SE-2 or SC-2	Sediment Basin			
SE-4 or SC-4	Check Dam			
Tracking Control BMPs				
TR-1 or TC-1	Stabilized Construction Entrance/Exit			

	ected – Noted by Ref. ID from the	Use BMP Yes No*		
Californ	ia Stormwater BMP Handbooks			* (If no, state reason)
Non-Storm	water Management BMPs			
NS-10	Vehicle and Equipment Maintenance			
Waste Mar	nagement and Materials Pollution Co	ontrol BM	Ps	
WM-1	Material Delivery and Storage			
WM-4	Spill Prevention and Control			
WM-8	Concrete Waste Management			
WM-9	Sanitary Septic Waste			
Additional	BMPs Selected			

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize 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:	
Organization Name:		
Signature:	Date:	

Property Owner/ Owner's Representative or Designee:

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure 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 Local SWPPP to reflect current conditions, or failing to properly and/ or adequately implement the Local SWPPP may result in revocation of grading and/ or other permits or other sanctions provided by law.

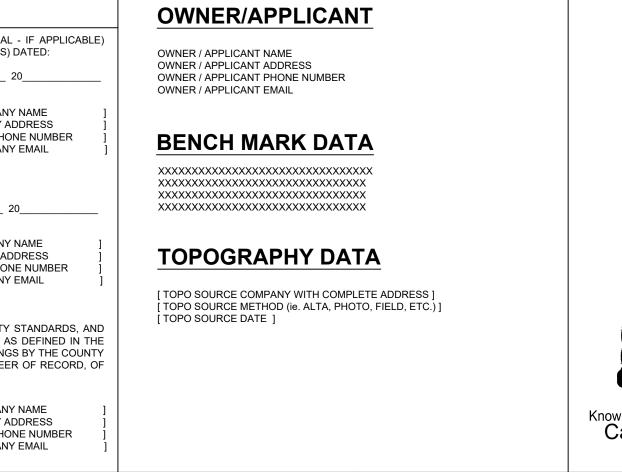
Name:	Title:
Organization Name:	
Signature:	Date:

GENERAL GRADING NOTES		ENGINEERED GRA	ADING INSPECTION CERTIFICATES	
 GRADING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE VENTURA COUNTY BUILDING CO WORKS AGENCY (VCPWA) GRADING PERMIT CONDITIONS. 	DDE (VCBC) APPENDIX J - GRADING, LATEST EDITION AND VENTURA COUNTY PUBLIC	JOB ADDRESS OR LOT AND TRACT NO:		
2. THE GRADING PERMIT AND WORK SHOWN IN THESE PLANS IS VALID ONLY TO THE EXTENT PERMISSIONS THAT MAY BE REQUIRED BY OTHER REGULATORY AGENCIES OR INTERESTED F				
3. A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE SITE PRIOR TO ANY GRADING AC GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, GEOTECHNICAL ENGINEERING PR		ROUGH GRADING	CERTIFICATION	
JURISDICTIONAL AGENCIES WHEN REQUIRED. 4. THE PERMITTEE SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION		(A) BY GEOTECHNICAL ENGINEERING F	PROFESSIONAL	OR REPORTS FOR WHICH I AM RESPONSIBI
 AN EXCAVATOR PLANNING TO CONDUCT AN EXCAVATION SHALL NOTIFY UNDERGROUND SE DAYS, AND NOT MORE THAN 14 CALENDAR DAYS, BEFORE BEGINNING THAT EXCAVATION. TH TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES AND DURATION OF GRADING ACTIVITIES. THE EXCAVATOR SHALL DETERMINE THE LOCATION AI BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED I PROTECT ALL UTILITIES AND STRUCTURES FOUND AT THE SITE. (REF: CALIFORNIA GOVERNM 	ERVICE ALERTSOUTHERN CALIFORNIA (TOLL FREE AT 811) AT LEAST TWO WORKING E EXCAVATOR SHALL OBTAIN A DIGALERT TICKET REQUESTING THE UTILITY OWNERS O SHALL RENEW TICKET(S) AS REQUIRED TO MAINTAIN VALIDITY THROUGHOUT THE ND DEPTH OF ALL UTILITIES, INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BY ITS OPERATIONS. THE EXCAVATOR SHALL TAKE ALL NECESSARY MEASURES TO	AND ALL RECOMMENDATIONS THAT I THE REPORTS OF A GEOLOGICAL PR STABILIZATION MEASURES, SUCH EAR LOT NOS:	HAVE MADE BASED ON FIELD INSPECTION OF THE WORK AND TESTING DURING (ROFESSIONAL, RELATIVE TO THIS SITE, HAVE RECOMMENDED THE INSTALLATION THWORK CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APP	GRADING. I FURTHER CERTIFY THAT WHER ON OF BUTTRESS FILLS OR OTHER SIMILA
6. HEAVY EQUIPMENT NOISE SHALL NOT BEGIN UNTIL AFTER 7:00 A.M AND SHALL END BY 7:00 P.	,	SEE REPORTS DATED:		
7. TOTAL TRUCK ROUND TRIPS FOR THE GRADING OPERATIONS CARRYING EARTH MATERIALS SUNLESS AUTHORIZED TO DO SO UNDER AN APPROVED DISCRETIONARY GRADING PERMIT AN A SAFETY HAZARD FOR INGRESS OR EGRESS ROUTES SUCH AS TRUCK STAGING. CLOGGING	ND APPROVAL BY VCPWA GRADING INSPECTOR. TRUCK TRAFFIC SHALL NOT CREATE	FOR TEST DATA, RECOMMENDED ALLC	WABLE SOIL BEARING VALUES & OTHER SPECIAL RECOMMENDATIONS.	
 NO GRADING ACTIVITY SHALL OCCUR IN ANY WETLAND, BLUE-LINE STREAM, RED-LINE CHA VCPWA & VENTURA COUNTY RESOURCE MANAGEMENT AGENCY (RMA), OR OTHER AUTHORIT 	ANNEL, OR FLOODPLAIN WITHOUT THE PROPER PERMITS & PERMISSION FROM THE			
9. RETAINING WALLS, BRIDGES, AND OTHER STRUCTURES REQUIRE A SEPARATE PERMIT FROM		GEOTECHNICAL ENGINEERING PROFES	SSIONAL REG. NO DATE (SIGNATURE)	
10. ALL RECOMMENDATIONS MADE BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND APPROVED BY VCPWA SHALL BE A PART OF THIS GRADING PLAN.	GEOLOGICAL PROFESSIONAL, WHERE EMPLOYED) CONTAINED IN THE REPORTS AS			2511
11. ALL DISTURBED SURFACES SUBJECT TO EROSION SHALL BE PROTECTED IN ACCORDAN SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FULLY		(B) BY GEOLOGICAL PROFESSIONAL		SEAL
12. ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL E AND VCPWA INSPECTOR AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF			IG WORK INCORPORATES ALL OF THE RECOMMENDATIONS CONTAINED IN THIS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK DURING G	
 SYSTEMS OR FILL. 13. ALL MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL (I.E. LUMBER, SHALL BE REMOVED FROM THE SITE. MATERIALS SUCH AS CONSTRUCTION INERT DEBRIS, O PROFESSIONAL AND VCPWA GRADING INSPECTOR PRIOR TO USE IN COMPACTED FILL. WHEI IT MUST BE BROKEN INTO SMALLER PARTICLE SIZES. BEFORE BEING USED AS FILL. 	R IMPORTED MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEERING	LOT NOS:		
14. THE GEOTECHNICAL ENGINEERING PROFESSIONAL SHALL DIRECT THE REMOVAL OF ANY E	EXISTING UNDERGROUND STRUCTURES SUCH AS SEPTIC TANKS, IRRIGATION LINES,	GEOLOGICAL PROFESSIONAL	CERT. NO DATE (SIGNATURE)	
ETC. 15. ANY WATER WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO MODIFICATION, ABANDONMENT, OR DESTRUCTION.	O VCPWA, WATERSHED PROTECTION, WATER RESOURCES DIVISION, PRIOR TO ITS			SEAL
16. ANY OIL WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE	E STATE OF CALIFORNIA, GEOLOGIC ENERGY MANAGEMENT DIVISION PRIOR TO ITS	(C) BY CIVIL ENGINEER		OLAL
 MODIFICATION, ABANDONMENT, OR DESTRUCTION. 17. ALL TEMPORARY EXCAVATIONS AND KEYS FOR BUTTRESS OR STABILIZATION FILLS MUST PROFESSIONAL, AND VCPWA INSPECTOR TO ENSURE THAT ALL POTENTIAL PLANES OF SUPPORTED BY THE PROPOSED BUTTRESS. FIELD CERTIFICATION MUST BE SUBMITTED BY 1 	FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY THE CONSULTANTS PRIOR TO PLACING FILL.	STAKED, CUT AND FILL SLOPES CORRI PAVING; BERMS INSTALLED; AND REQI	MPLETION OF ROUGH GRADING INCLUDING GRADING TO APPROXIMATE FINAL EL ECTLY GRADED AND LOCATED IN ACCORDANCE WITH THE APPROVED DESIGN; S ^I UIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADS. I FURTHER CERTII & GEOTECHNICAL ENGINEERING PROFESSIONAL HAVE BEEN PREPARED RELATI 3FEN INCORPORATED IN THE DESIGN	WALES AND TERRACES GRADED READY FO
 THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND GEOLOGICAL PROFESSIONAL, WHI WORK TO ENSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED. 		LOT NOS:		
 THE USE OF CORRUGATED STEEL PIPE IS NOT ALLOWED IN ANY COUNTY RIGHTS OF WAY. THE HOWEVER, IF USED SHOULD BE COATED TO MINIMIZE CORROSION AND EXTEND USEFUL SER PRIOR TO ANY CLEARANCES FOR BUILDING AND SAFETY PERMIT ISSUANCE OR INSPECTION, A. ALL ROUTINE INSPECTION REPORTS AS REQUIRED BY VCBC OR OTHERWISE REQUEST B. ROUGH GRADE SOILS ENGINEERING (AND ENGINEERING GEOLOGY, IF APPLICABLE) RE 	VICE LIFE. THE FOLLOWING ITEMS SHALL BE APPROVED BY VCPWA: TED BY BUILDING OFFICIAL;	CIVIL ENGINEER	REG. NO DATE	_
21. FINAL SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMM				
 THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS SHALL E FINAL INSPECTION BY THE VCPWA INSPECTOR. IF CULTURAL RESOURCES ARE ENCOUNTERED DURING CONSTRUCTION, CONSTRUCTION AC CONSULTANT SHALL BE NOTIFIED AND A SITE EVALUATION CONDUCTED AS NECESSAF 	BE SUBMITTED WITH THE AS-BUILT PLANS (RECORD DRAWING) TO VCPWA PRIOR TO		ACTOR CERTIFICATION	SEAL
APPROPRIATE. 23. HORIZONTAL AND VERTICAL LOCATION AND ACCURACY OF CONSTRUCTION SHALL BE THE F		BY GRADING CONTRACTOR	ONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE GRADING OR	
EARTHWORK QUANTITIES		THE CIVIL ENGINEER, GEOTECHNICA INCLUDES ONLY THOSE ASPECTS OF PROFESSIONAL SKILLS.	L ENGINEERINGING PROFESSIONAL AND GEOLOGICAL PROFESSIONAL IT IS THE WORK THAT CAN BE DETERMINED BY ME, AS A COMPETENT GRADING CONT	S UNDERSTOOD THAT THIS CERTIFICATION
CUT:CU. YDS. EXPORT:CU. YDS.	DISPOSAL SITE	GRADING CONTRACTOR	LICENSE NO DATE	
FILL: CU. YDS IMPORT: CU. YDS	SOURCE			
THIS PROJECT INCLUDES POST CONSTRUCTION BMP'S YES NO		FINAL GRADING C	ERTIFICATION	
THE TOTAL ESTIMATED DISTURBED AREA OF GRADING AND CONSTRUCTION IS ACRESS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND NOTICE OF INTENT (NOI) AS APPR ABOVE.	S. PROJECTS THAT ARE 1.0 ACRE OR GREATER IN DISTURBED AREA WILL REQUIRE A ROVED BY THE STATE REGIONAL WATER QUALITY CONTROL BOARD AS DESCRIBED	BY CIVIL ENGINEER		
AVERAGE NATURAL SLOPE IN THE AREA OF GRADING% (CALCULATED THE TOTAL AMOUNT OF IMPERVIOUS AREA TO BE CONSTRUCTED AS PART OF THIS PROJECT IS	PER VCBC SECTION J102.1)	PERMIT, GRADING PLANS AND GRADI HAVE BEEN INSTALLED. ADEQUATE PF	MPLETION OF GRADING IN ACCORDANCE WITH THE APPROVED PLANS. ALL DRAI NG ORDINANCE HAVE BEEN INSTALLED. EROSION TREATMENT OF SLOPES AND ROVISIONS HAVE BEEN MADE FOR DRAINAGE OF SURFACE WATERS FROM EACH I	D IRRIGATION SYSTEMS (WHERE REQUIRE
ADVISORY: THE PLANTING OF NATIVE VEGETATION IS RECOMMENDED ON ALL GRADED https://www.vcpublicworks.org/es/developmentinspection FOR A MEMORANDUM BY THE VENTURA COUN				
AREAS.		CIVIL ENGINEER	REG. NO DATE	_
LAND DEVELOPMENT SERVICES MUST BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO ANY EXPO	RT/IMPORT TO/FROM THE PROJECT SITE.	(SIGNA	ITURE)	
	RA COUNTY PWA - WATERSHED PROTECTION RCOURSE PERMIT NO.		NG CERTIFICATION	SEAL
DATE	DATE	BY CIVIL ENGINEER I CERTIFY THAT THE WORK SHOWN ON		SHEETS TOTAL), MARKED WITH "AS-BUII
	RA COUNTY PWA - LAND DEVELOPMENT SERVICES PLAIN DEVELOPMENT PERMIT NO.	HAVE BEEN CONSTRUCTED IN CONFO	RMANCE WITH LINES AND GRADES AS SHOWN ON SAID PLANS, DRAWINGS, AND R	REFERENCED SPECIFICATIONS.
DATE	DATE	CIVIL ENGINEER(SIGNA	REG. NO DATE	_
LOCATION & VICINITY MAP	APPROVAL BY CONSU	```	OWNER/APPLICANT	
	THIS GRADING PLAN IS ACCEPTABLE IN REGARD TO GEOTECHNIC CONDITIONS AND CONFORMS TO THE RECOMMENDATION OF THE SU	CAL (AND GEOLOGICAL - IF APPLICABLE)		
	GEOTECHNICAL ENGINEERING REPORTS:	20 20 20	OWNER / APPLICANT NAME OWNER / APPLICANT ADDRESS OWNER / APPLICANT PHONE NUMBER OWNER / APPLICANT EMAIL	
	(GEOTECHNICAL PROFESSIONAL SIGNATURE)	[COMPANY ADDRESS] [COMPANY PHONE NUMBER] [COMPANY EMAIL]	BENCH MARK DATA	
	(PRINT NAME) (RCE/GE NO.)			
	GEOLOGICAL REPORTS:	20	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
	(GEOLOGICAL PROFESSIONAL SIGNATURE)	[COMPANY NAME] [COMPANY ADDRESS]	TOPOGRAPHY DATA	
	(PRINT NAME) CERT. NO.	[COMPANY PHONE NUMBER] [COMPANY EMAIL]	[TOPO SOURCE COMPANY WITH COMPLETE ADDRESS]	
	I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH T THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIG PROFESSIONAL ENGINEERS ACT. I UNDERSTAND THAT THE CHECK OF VENTURA IS CONFINED TO A REVIEW ONLY AND DOES NOT REI MY RESPONSIBILITIES FOR PROJECT DESIGN.	IN OF THE PROJECT AS DEFINED IN THE OF PROJECT DRAWINGS BY THE COUNTY	[TOPO SOURCE METHOD (ie. ALTA, PHOTO, FIELD, ETC.)] [TOPO SOURCE DATE]	
		[COMPANY NAME]		Know what's below .
	(CIVIL ENGINEER SIGNATURE)	[COMPANY ADDRESS] [COMPANY PHONE NUMBER] [COMPANY EMAIL]		Call before you dig
GATE CODE	(PRINT NAME) (RCE NO.)		APPROVED FOR GRADIN	NG & DRAINAGE IMPROVEMENTS
				RVICES DATE
<u> </u>			ENGINEERING SERVICES	

DESCRIPTION OF REVISION

RCE DATE APP. APP. DATE PLAN DATE: MM/DD/YYYY





VENTURA COUNTY PUBLIC WORKS AGENCY

GENERAL STORMWATER NOTES:

THE LEGALLY RESPONSIBLE PERSON OF ANY PROPERTY IN WHICH GRADING ACTIVITIES OR OTHER SOIL DISTURBANCE ACTIVITIES ARE PERFORMED, INCLUDING PERMITTEE, SHALL COMPLY WITH THE LATEST AND APPLICABLE NPDES REQUIREMENTS. EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED BEFORE GRADING BEGINS. DURING GRADING ACTIVITIES, ALL BMP'S SHALL BE UPDATED AS NECESSARY TO PREVENT EROSION AND ANY ILLICIT DISCHARGE OF CONSTRUCTION RELATED POLLUTANTS. EROSION CONTROL BMP'S ARE LISTED ON COUNTY FORMS SW-1, SW-2, OR SW-HR.

- 1. GENERAL CONSTRUCTION PERMIT. PROJECTS THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE, OR THAT ARE PART OF A COMMON PLAN OF DEVELOPMENT OR SALE THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE ARE REQUIRED TO OBTAIN COVERAGE UNDER NPDES CALIFORNIA STATEWIDE GENERAL CONSTRUCTION PERMIT NO. CAS000002, AS A NUMBER ASSIGNED TO THE PROJECT BY THE STATE WATER RESOURCES CONTROL BOARD, COMPLETED AND SIGNED NOTICE OF INTENT (NOI) AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE SUBMITTED AND IMPLEMENTED DURING ALL GRADING ACTIVITIES.
- 2. COUNTY'S STORM DRAIN SYSTEM. ILLICIT DISCHARGES INTO THE COUNTY'S STORM DRAIN SYSTEM AS A RESULT OF GRADING, CLEARING, CONSTRUCTION, DEMOLITION, AND OTHER SOIL DISTURBANCE ACTIVITIES ARE PROHIBITED.
- 3. INSPECTIONS. EROSION CONTROL AND PERMANENT STORMWATER TREATMENT BMP'S ARE SUBJECT TO INSPECTIONS AS REQUIRED BY THE PERMIT ORDER NO. R4-2010-0108, AS AMENDED FROM TIME TO TIME.
- 4. **PUMPED WATER DISCHARGES.** DISCHARGES OF PUMPED GROUND WATER REQUIRE A DISCHARGE PERMIT FROM THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).
- 5. SANITARY FACILITIES. PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS, DRAINAGE COURSES, AND STORM DRAIN INLETS.
- 6. EMERGENCY WORK. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 1ST TO APRIL 15TH). NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT

PROJECT BMP'S

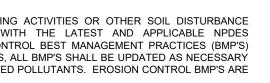
THE FOLLOWING BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER, QUALIFIED SWPP DEVELOPER, PRACTITIONER OR THE BUILDING OFFICIAL). CERTAIN BMP'S ARE REQUIRED AS PART OF THE STORMWATER FORMS SW-1, SW-2 AND SW-HR. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE BMP'S LISTED HEREON MATCH THE APPROVED STORMWATER FORMS ON FILE AND ARE IMPLEMENTED AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION. THE INSPECTOR OR BUILDING OFFICIAL MAY PERFORM UNANNOUNCED SITE INSPECTIONS TO ENSURE THAT THE PROJECT MAINTAINS THE BMP'S AS LISTED BELOW.

COMPLETE CHECKLIST BELOW FOR APPLICABLE PROJECT BMP'S

EROSION CONTROL	
EC1 – SCHEDULING	NS1 – W
EC2 – PRESERVATION EXISTING VEGETATION	NS2 – D
EC3 – HYDRAULIC MULCH	NS3 – P.
EC4 – HYDROSEEDING	NS4 – T
EC5 – SOIL BINDERS	NS5 – C
EC6 – STRAW MULCH	NS6 – IL
EC7 – GEOTEXTILES & MATS	NS7 – P
EC8 – WOOD MULCHING	NS8 – V
EC9 – EARTH DIKES & DRAINAGE SWALES	NS9 – V
EC10 – VELOCITY DISSIPATION DEV.	NS10 - 1
EC11 – SLOPE DRAINS	NS11 – I
EC12 – STREAMBANK STABILIZATION	NS12 - 0
EC14 – COMPOST BLANKETS	NS13 –
EC15 – SOIL PREPARATION\ROUGHENING	NS14 – I
EC16 – NON-VEGETATED STABILIZATION	NS15 – I
TEMPORARY SEDIMENT CONTROL	NS16 – ⁻
SE1 – SILT FENCE	WASTE MAN
SE2 – SEDIMENT BASIN	WM1 – M
SE3 – SEDIMENT TRAP	WM2 – M
SE4 – CHECK DAM	WM3 – 9
SE5 – FIBER ROLLS	WM4 – 5
SE6 – GRAVEL BAG BERM	WM5 – \$
SE7 – STREET SWEEPING AND VACUUMING	WM6 – H
SE8 – SANDBAG BARRIER	WM7 – 0
SE9 – STRAW BALE BARRIER	WM8 – 0
SE10 – STORM DRAIN INLET PROTECTION	WM9 – 9
SE11 – ACTIVE TREATMENT SYSTEMS	WM10 -
SE12 – TEMPORARY SILT DIKE	
SE13 – COMPOST SOCKS & BERMS	
SE14 – BIOFILTER BAGS	
WIND EROSION CONTROL	
WE1 – WIND EROSION CONTROL	
EQUIPMENT TRACKING	_
TC1 – STABILIZED CONSTRUCTION ENTRANCE EXIT	
TC2 – STABILIZED CONSTRUCTION ROADWAY	
TC3 – ENTRANCE/OUTLET TIRE WASH	



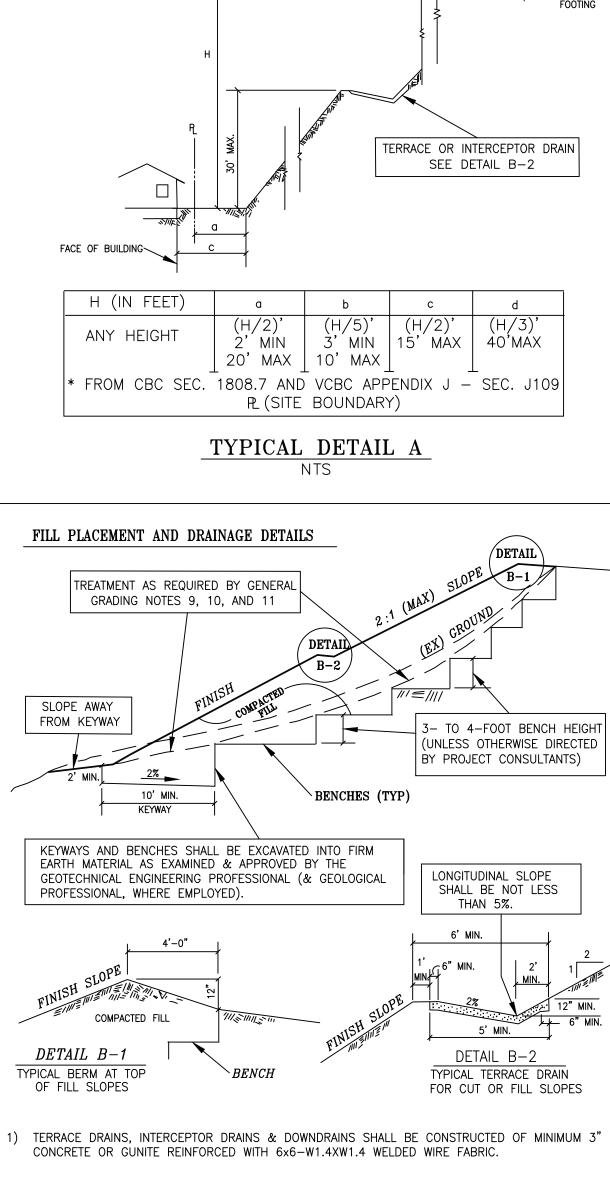
VENTURA COUNTY PUBLIC WORKS AGENCY LAND DEVELOPMENT SERVICES



CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.

BMP DESCRIPTIONS AND DETAILS CAN BE OBTAINED FROM THE CALIFORNIA STORMWATER HANDBOOKS AT WWW.CASQA.ORG

NON-STORMWATER MANAGEMENT
- WATER CONSERVATION PRACTICES
- DEWATERING OPERATIONS
- PAVING & GRINDING OPERATIONS
- TEMPORARY STREAM CROSSING
- CLEAR WATER DIVERSION
- ILLICIT CONNECTION/DISCHARGE
- POTABLE WATER/IRRIGATION
- VEHICLE & EQUIPMENT CLEANING
- VEHICLE & EQUIPMENT FUELING
- VEHICLE & EQUIPMENT MAINTENANCE
- PILE DRIVING OPERATIONS
– CONCRETE CURING
- CONCRETE FINISHING
- MATERIAL & EQUIPMENT USE
- DEMOLITION ADJACENT TO WATER
- TEMPORARY BATCH PLANTS
IANAGEMENT & MATERIAL POLLUTION CONTROL
– MATERIAL DELIVERY & STORAGE
– MATERIAL USE
- STOCKPILE MANAGEMENT
- SPILL PREVENTION & CONTROL
- SOLID WASTE MANAGEMENT
– HAZARDOUS WASTE MANAGEMENT
- CONTAMINATION SOIL MANAGEMENT
- CONCRETE WASTE MANAGEMENT
- SANITARY/SEPTIC WASTE MANAGEMENT
0 – LIQUID WASTE MANAGEMENT
ADDITIONAL BMP'S SELECTED



TOP AND BOTTOM OF SLOPE SETBACK CRITERIA

| b |

FACE OF

2) FOR INTERCEPTOR DRAIN AT TOP OF CUT SLOPES AND DOWN DRAINS, MINIMUM WIDTH OF 3 FEET.

TYPICAL DETAIL B NTS

SHEET NO. SHEET TITLE GRADING PLAN COVER SHEET XXX

WDID:

SPEC. NO.

PROJ. NO.

APN:

[PROJECT NAME]

[PROJECT ADDRESS(ES)]

XXX XXX

GΡ

SHEET____

VCPWA DRAWING NO.

OF___

GRADING PLAN COVER SHEET



Know what's **below**. **Call** before you dig.

\mathbb{A}						
\mathbb{R}						
\mathbb{P}						
\triangle						
\mathbb{A}	DESCRIPTION OF REVISION	RCE	DATE	APP.	APP. DATE	PLAN DA

APPROVED FOR GRADING & DRAINAGE IMPROVEMENTS:

PREP BY: XXX

	W	DID: APN:	GP
Ś	SPEC. NO.	[SHEET TITLE] [PROJECT NAME] [PROJECT ADDRESS(ES)]	SHEET OF VCPWA DRAWING NO.
	<u> </u>		