

Tier 1

Storm Water Permit Application



*The following pages
need to be completed
only if there is significant
soil disturbance occurring
with this building project.*

*Example: footings,
foundations, etc.*

STORM WATER COMPLIANCE FORM TIER 1 CONSTRUCTION SWPPP E-29

CB _____
SW _____

STORM WATER POLLUTION PREVENTION NOTES

1. ALL NECESSARY EQUIPMENT AND MATERIALS SHALL BE AVAILABLE ON SITE TO FACILITATE RAPID INSTALLATION OF EROSION AND SEDIMENT CONTROL BMPs WHEN RAIN IS EMINENT.
2. THE OWNER/CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY INSPECTOR AFTER EACH RUN-OFF PRODUCING RAINFALL.
3. THE OWNER/CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE CITY INSPECTOR DUE TO INCOMPLETE GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
4. ALL REMOVABLE PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE (5) DAY RAIN PROBABILITY FORECAST EXCEEDS FORTY PERCENT (40%). SILT AND OTHER DEBRIS SHALL BE REMOVED AFTER EACH RAINFALL.
5. ALL GRAVEL BAGS SHALL CONTAIN 3/4 INCH MINIMUM AGGREGATE.
6. ADEQUATE EROSION AND SEDIMENT CONTROL AND PERIMETER PROTECTION BEST MANAGEMENT PRACTICE MEASURES MUST BE INSTALLED AND MAINTAINED.
7. THE CITY INSPECTOR SHALL HAVE THE AUTHORITY TO ALTER THIS PLAN DURING OR BEFORE CONSTRUCTION AS NEEDED TO ENSURE COMPLIANCE WITH CITY STORM WATER QUALITY REGULATIONS.

OWNER'S CERTIFICATE:

I UNDERSTAND AND ACKNOWLEDGE THAT I MUST: (1) IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) DURING CONSTRUCTION ACTIVITIES TO THE MAXIMUM EXTENT PRACTICABLE TO AVOID THE MOBILIZATION OF POLLUTANTS SUCH AS SEDIMENT AND TO AVOID THE EXPOSURE OF STORM WATER TO CONSTRUCTION RELATED POLLUTANTS; AND (2) ADHERE TO, AND AT ALL TIMES, COMPLY WITH THIS CITY APPROVED TIER 1 CONSTRUCTION SWPPP THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITIES UNTIL THE CONSTRUCTION WORK IS COMPLETE AND APPROVED BY THE CITY OF CARLSBAD.

OWNER(S)/OWNER'S AGENT NAME (PRINT) _____
OWNER(S)/OWNER'S AGENT NAME (SIGNATURE) _____ DATE _____

BEST MANAGEMENT PRACTICES (BMP) SELECTION TABLE

Best Management Practice* (BMP) Description →	Erosion Control BMPs				Sediment Control BMPs						Tracking Control BMPs		Non-Storm Water Management BMPs				Waste Management and Materials Pollution Control BMPs									
	EC-7 Geotextiles & Mats	EC-8 Wood Mulching	EC-9 Earth Dikes and Slope Drains	EC-11 Silt Fence	SE-1 Silt Fence	SE-3 Sediment Trap	SE-4 Check Dam	SE-5 Fiber Rolls	SE-6 Gravel Bag Berm	SE-7 Street Sweeping and Vacuuming	SE-8 Sandbag Barrier	SE-10 Storm Drain Inlet Protection	TR-1 Stabilized Construction Ingress/Egress	TR-2 Stabilized Construction Roadway	NS-1 Water Conservation Practices	NS-3 Paving and Grinding Operations	NS-7 Potable Water/Irrigation	NS-8 Vehicle and Equipment Cleaning	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-8 Concrete Waste Management	
CASQA Designation → Construction Activity																										
Grading/Soil Disturbance																										
Trenching/Excavation																										
Stockpiling																										
Drilling/Boring																										
Concrete/Asphalt Sawcutting																										
Concrete Flatwork																										
Paving																										
Conduit/Pipe Installation																										
Stucco/Mortar Work																										
Waste Disposal																										
Staging/Lay Down Area																										
Equipment Maintenance and Fueling																										
Hazardous Substance Use/Storage																										
Dewatering																										
Site Access Across Dirt																										
Other (list):																										

Instructions:

1. Check the box to the left of all applicable construction activity (first column) expected to occur during construction.
2. Located along the top of the BMP Table is a list of BMP's with it's corresponding California Stormwater Quality Association (CASQA) designation number. Choose one or more BMPs you intend to use during construction from the list. Check the box where the chosen activity row intersects with the BMP column.
3. Refer to the CASQA construction handbook for information and details of the chosen BMPs and how to apply them to the project.

PROJECT INFORMATION

Site Address: _____
Assessor's Parcel Number: _____
Emergency Contact: _____
Name: _____
24 Hour Phone: _____

Construction Threat to Storm Water Quality
(Check Box)

MEDIUM LOW

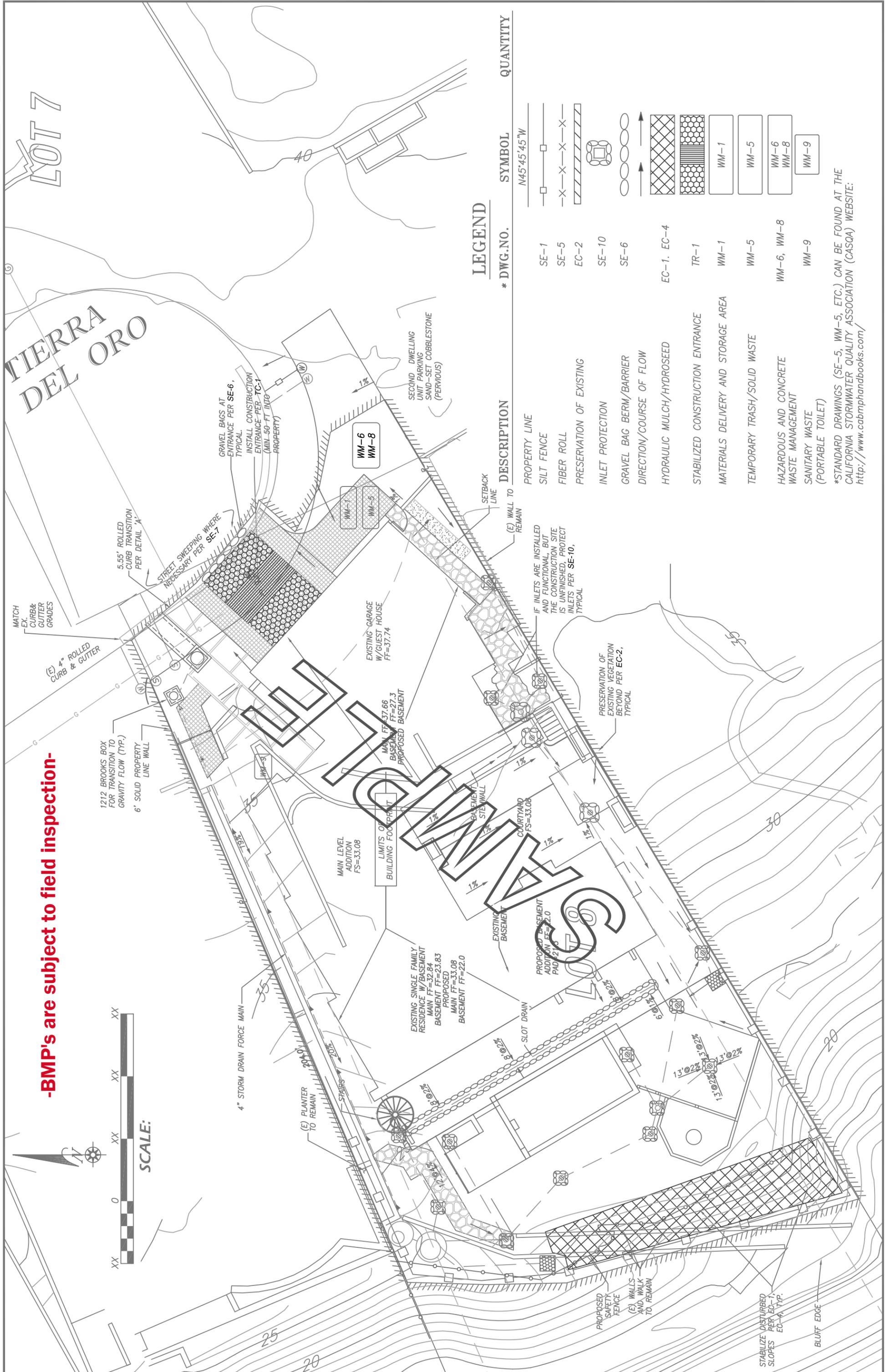
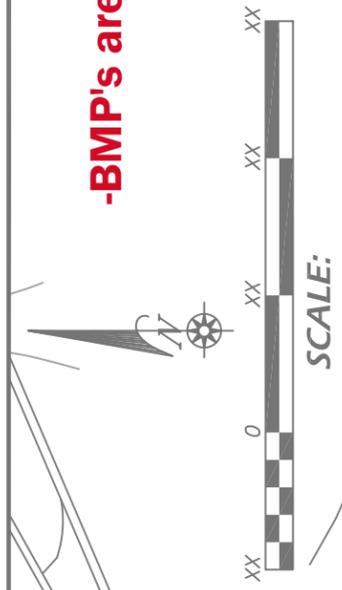
**SHOW THE LOCATIONS OF ALL CHOSEN BMPs ABOVE
ON THE PROJECTS SITE PLAN/EROSION CONTROL PLAN.
SEE THE REVERSE SIDE OF THIS SHEET FOR A SAMPLE
EROSION CONTROL PLAN.**

-BMP's are subject to field inspection-

-BMP's are subject to field inspection-

LOT 7

TIERRA DEL ORO



LEGEND

* DWG.NO.	SYMBOL	DESCRIPTION	QUANTITY
SE-1	[Symbol: Dashed line]	PROPERTY LINE	N45°45'45"W
SE-5	[Symbol: Dashed line with 'X' marks]	SILT FENCE	
EC-2	[Symbol: Hatched pattern]	FIBER ROLL	
SE-10	[Symbol: Circle with 'X' inside]	PRESERVATION OF EXISTING	
SE-6	[Symbol: Circle with 'X' inside]	INLET PROTECTION	
EC-1, EC-4	[Symbol: Hatched pattern]	GRAVEL BAG BERM/BARRIER	
TR-1	[Symbol: Hatched pattern]	DIRECTION/COURSE OF FLOW	
WM-1	[Symbol: Box with 'WM-1']	HYDRAULIC MULCH/HYDROSEED	
WM-5	[Symbol: Box with 'WM-5']	STABILIZED CONSTRUCTION ENTRANCE	
WM-6, WM-8	[Symbol: Box with 'WM-6, WM-8']	MATERIALS DELIVERY AND STORAGE AREA	
WM-9	[Symbol: Box with 'WM-9']	TEMPORARY TRASH/SOLID WASTE	
		HAZARDOUS AND CONCRETE WASTE MANAGEMENT	
		SANITARY WASTE (PORTABLE TOILET)	

*STANDARD DRAWINGS (SE-5, WM-5, ETC.) CAN BE FOUND AT THE CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) WEBSITE: <http://www.cabmphandbooks.com/>



**DETERMINATION OF
PROJECT'S SWPPP
TIER LEVEL AND CONSTRUCTION
THREAT LEVEL
E-32**

Development Services
Land Development Engineering
1635 Faraday Avenue
760-602-2750
www.carlsbadca.gov

I'm applying for: Grading Permit Building Permit Right-of-way permit Other
 Project Name: _____ Project ID: _____ DWG #/CB# _____
 Address: _____ APN _____ Disturbed Area: _____ Ac

Section 1: Determination of Project's SWPPP Tier Level (Check applicable criteria and circle the corresponding SWPPP Tier Level, then go to section 2)	SWPPP Tier Level										
<p><u>Exempt - No Threat Project Assessment Criteria</u> My project is in a category of permit types exempt from City Construction SWPPP requirements. Provided no significant grading proposed, pursuant to Table1, section 3.2.2 of Storm Water Standards, the following permits are exempt from SWPPP requirements:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">➤ Electrical</td> <td style="padding: 2px;">➤ Patio</td> <td style="padding: 2px;">➤ Mobile Home</td> <td style="padding: 2px;">➤ Plumbing</td> <td style="padding: 2px;">➤ Spa (Factory-Made)</td> </tr> <tr> <td style="padding: 2px;">➤ Fire Sprinkler</td> <td style="padding: 2px;">➤ Mechanical</td> <td style="padding: 2px;">➤ Re-Roofing</td> <td style="padding: 2px;">➤ Sign</td> <td style="padding: 2px;">➤ Roof-Mounted Solar Array</td> </tr> </table>	➤ Electrical	➤ Patio	➤ Mobile Home	➤ Plumbing	➤ Spa (Factory-Made)	➤ Fire Sprinkler	➤ Mechanical	➤ Re-Roofing	➤ Sign	➤ Roof-Mounted Solar Array	Exempt
➤ Electrical	➤ Patio	➤ Mobile Home	➤ Plumbing	➤ Spa (Factory-Made)							
➤ Fire Sprinkler	➤ Mechanical	➤ Re-Roofing	➤ Sign	➤ Roof-Mounted Solar Array							
<p><u>Tier 3- Significant Threat Assessment Criteria – (See Construction General Permit (CGP) Section I.B)*</u> <input type="checkbox"/> My project includes construction or demolition activity that results in a land disturbance of equal to or greater than one acre including but not limited to clearing, grading, grubbing or excavation; or, <input type="checkbox"/> My project includes construction activity that results in land disturbance of less than one acre but the construction activity is part of a larger common plan of development or the sale of one or more acres of disturbed land surface or, <input type="checkbox"/> My Project is associated with construction activity related to residential, commercial, or industrial development on lands currently used for agriculture; or <input type="checkbox"/> My project is associated with construction activity associated with Linear Underground/overhead Projects (LUP) including but not limited to those activities necessary for installation of underground and overhead linear facilities (e.g. conduits, substructures, pipelines, towers, poles, cables, wire, towers, poles, cables, wires, connectors, switching, regulating and transforming equipment and associated ancillary facilities) and include but not limited to underground utility mark out, potholing, concrete and asphalt cutting and removal, trenching, excavation, boring and drilling, access road, tower footings/foundation, pavement repair or replacement, stockpile/borrow locations. <input type="checkbox"/> Other per CGP _____</p>	Tier 3										
<p><u>Tier 2- Moderate Threat Assessment Criteria:</u> My project does not meet any of the Significant Threat Assessment Criteria described above and meets one or more of the following criteria: <input type="checkbox"/> Project requires a grading plan pursuant to the Carlsbad Grading Ordinance (Chapter 15.16 of the Carlsbad Municipal Code); or, <input type="checkbox"/> Project will result in 2,500 square feet or more of soils disturbance including any associated construction staging, stockpiling, pavement removal, equipment storage, refueling and maintenance areas and project meets one or more of the additional following criteria: <ul style="list-style-type: none"> • located within 200 feet of an environmentally sensitive area or the Pacific Ocean; and/or, • disturbed area is located on a slope with a grade at or exceeding 5 horizontal to 1 vertical; and/or • disturbed area is located along or within 30 feet of a storm drain inlet, an open drainage channel or watercourse; and/or • construction will be initiated during the rainy season or will extend into the rainy season (Oct. 1 through Apr. 30). </p>	Tier 2										
<p><u>Tier 1- Low Threat Assessment Criteria</u> <input type="checkbox"/> My project does not meet any of the Significant or Moderate Threat criteria above, is not an exempt permit type per above and the project meets one or more of the following criteria: <ul style="list-style-type: none"> • results in some soil disturbance; and/or • includes outdoor construction activities (such as roof framing, saw cutting, equipment washing, material stockpiling, vehicle fueling, waste stockpiling) </p>	Tier 1										

* Items listed are excerpt from CGP. CGP governs criteria for triggers for Tier 3 SWPPP. Developer/owner shall confirm coverage under the current CGP and any amendments, revisions and reissuance thereof.

SWPPP Tier Level	Section 2: Determination of Project's Construction Threat Level (Check applicable criteria under the Tier Level as determined in section 1, circle the corresponding Construction Threat Level, then complete the signature block below)	Construction Threat Level
Exempt	- Not Applicable -	Exempt
Tier 3	<u>Tier 3 – High Construction Threat Assessment Criteria: My Project meets one or more of the following:</u> <input type="checkbox"/> Project site is 50 acres or more and grading will occur during the rainy season <input type="checkbox"/> Project site is located within the Buena Vista or Agua Hedionda Lagoon watershed, inside or within 200 feet of an environmentally sensitive area (ESA) or discharges directly to an ESA <input type="checkbox"/> Soil at site is moderately to highly erosive (defined as having a predominance of soils with USDA-NRCS Erosion factors k_f greater than or equal to 0.4) <input type="checkbox"/> Site slope is 5 to 1 or steeper <input type="checkbox"/> Construction is initiated during the rainy season or will extend into the rainy season (Oct. 1 - April 30). <input type="checkbox"/> Owner/contractor received a Storm Water Notice of Violation within past two years	High
	<u>Tier 3 – Medium Construction Threat Assessment Criteria</u> <input type="checkbox"/> All projects not meeting Tier 3 High Construction Threat Assessment Criteria	Medium
Tier 2	<u>Tier 2 – High Construction Threat Assessment Criteria: My Project meets one or more of the following:</u> <input type="checkbox"/> Project is located within the Buena Vista or Agua Hedionda Lagoon watershed, inside or within 200 feet of an environmentally sensitive area (ESA) or discharges directly to an ESA <input type="checkbox"/> Soil at site is moderately to highly erosive (defined as having a predominance of soils with USDA-NRCS Erosion factors k_f greater than or equal to 0.4) <input type="checkbox"/> Site slope is 5 to 1 or steeper <input type="checkbox"/> Construction is initiated during the rainy season or will extend into the rainy season (Oct. 1- Apr. 30). <input type="checkbox"/> Owner/contractor received a Storm Water Notice of Violation within past two years <input type="checkbox"/> Site results in 10,000 sq. ft. or more of soil disturbance	High
	<u>Tier 2 – Medium Construction Threat Assessment Criteria</u> <input type="checkbox"/> My project does not meet Tier 2 High Threat Assessment Criteria listed above	Medium
Tier 1	<u>Tier 1 – Medium Construction Threat Assessment Criteria: My Project meets one or more of the following:</u> <input type="checkbox"/> Owner/contractor received a Storm Water Notice of Violation within past two years <input type="checkbox"/> Site results in 500 sq. ft. or more of soil disturbance <input type="checkbox"/> Construction will be initiated during the rainy season or will extend into the rainy season (Oct.1-April 30)	Medium
	<u>Tier 1 - Low Construction Threat Assessment Criteria</u> <input type="checkbox"/> My project does not meet Tier 1 Medium Threat Assessment Criteria listed above	Low

I certify to the best of my knowledge that the above statements are true and correct. I will prepare and submit an appropriate tier level SWPPP as determined above prepared in accordance with the City SWPPP Manual. I understand and acknowledge that I must adhere to and comply with the storm water best management practices pursuant to Title 15 of the Carlsbad Municipal Code and to City Standards at all times during construction activities for the permit type(s) checked above. The City Engineer/Building Official may authorize minor variances from the Construction Threat Assessment Criteria in special circumstances where it can be shown that a lesser or higher SWPPP Tier Level is warranted.

Owner/Owner's Authorized Agent Name:	Title:
Owner/Owner's Authorized Agent Signature:	Date:

City Concurrence: (For City Use Only)	Yes	No
By:		
Date:		
Project ID:		