



**CITY OF ENCINITAS
STORM WATER POLLUTION CONTROL CHECKLIST AND CERTIFICATION**

All projects within the City of Encinitas are required to implement storm water Best Management Practices (BMPs), consisting of both construction phase BMPs and permanent post-construction BMPs. Construction phase BMPs, discussed in Section IV of the City of Encinitas Best Management Practice Manual, Part II, consist of temporary erosion and sediment control measures. In contrast permanent, post-construction BMPs are designed to treat storm water and urban runoff for the life of the project and are to be maintained in good working order by the property owner(s). These permanent post-construction BMPs are required through the Standard Urban Stormwater Mitigation Program (SUSMP) mandated by the State of California and the City of Encinitas. The City of Encinitas regulates storm water discharges under the Municipal Code, Chapter 20.08, Storm Water Management, and the City of Encinitas BMP Manual, Part II, which can be found at the following website: (<http://www.ci.encinitas.ca.us/Government/CityD/EngineeringSDL/Clean+Water+Program/Clean+Water+Program.htm>).

Construction phase and post-construction BMPs are both necessary (and required) to help reduce the pollution in our streams, lagoons, and oceans.

This checklist is designed to guide applicants in the selection and incorporation of BMPs that are acceptable to the City of Encinitas. It is focused on permanent post-construction BMPs, which must be incorporated into the site design of projects during the conceptual phases of project planning. The final design for post-construction BMPs shall be incorporated into the grading plan and building site plan. To determine the BMPs required for your project, fill out the checklists below.

STEP 1: PROJECT TYPE IDENTIFICATION

Complete Table 1 and 2 below to determine if your project is a "Priority", "Standard", or "Exempt" project. This category will dictate the BMPs that are required at your site. A more thorough explanation of the selection criteria and required BMPs can be obtained from the City's BMP Manual, Part II.

Priority Projects: If your answer to any question in Table 1 is "Yes"; your project is a "Priority Project". If all answers to Table 1 are "No", continue to Table 2.

Standard Projects: If all answers to Table 1 are "No", but the answer to any question in Table 2 is "Yes", your project is a "Standard Project".

Exempt Projects: If all answers to Table 1 and Table 2 are "No", your project is "Exempt". Exempt projects shall implement construction phase BMPs as required.

Table 1: Determine PRIORITY PROJECT Category.

Does the project meet the definition of one or more of the priority project categories?	Yes	No
1. Detached residential development of 10 or more units	X	
2. Attached residential development of 10 or more units		X
3. Commercial development greater than 100,000 square feet	X	
4. Automotive repair shop		X
5. Restaurant	X	
6. Steep hillside development greater than 5,000 square feet		X
7. Project discharging to receiving waters within Environmentally Sensitive Areas		X
8. Parking lots greater than or equal to 5,000 ft ² or with at least 15 parking spaces, and potentially exposed to urban runoff	X	
9. Streets, roads, driveways, highways, and freeways which would create a new paved surface that is 5,000 square feet or greater	X	
<i>Limited Exclusion:</i> Trenching and resurfacing work associated with utility projects are not considered priority projects. Parking lots, buildings and other structures associated with utility projects are priority projects if one or more of the criteria in Part A are met.		

Table 2: Determine STANDARD PROJECT Category.

Does the project propose:	Yes	No
1. New impervious areas, such as rooftops, roads, parking lots, driveways, paths and sidewalks.		
2. Reconstruction of the existing impervious areas, such as rooftops, roads, parking lots, driveways, paths and sidewalks in excess of 1000 square feet.		
3. Permanent structures within 100 feet of any natural water body?		
4. Trash storage areas?		
5. Liquid or solid material loading and unloading areas?		
6. Vehicle or equipment fueling, washing, or maintenance areas?		
7. Require a General NPDES Permit for Storm Water Discharges Associated with Industrial Activities (Except construction)?		
8. Commercial or industrial waste handling or storage, excluding typical office or household waste?		
9. Any grading or ground disturbance during construction?		
10. Any new storm drains, or alteration to existing storm drains that reduces natural storm water treatment?		

Designate Project Category (check appropriate box) Priority Project Standard Project Exempt

STEP 2: DETERMINE BMP REQUIREMENTS

Fill out the BMP Checklist below for your project type to guide you in the BMP selection process.

Priority Projects: Priority Projects shall incorporate Priority and Standard Project Post-construction BMPs¹, in addition to meeting the applicable construction phase BMPs. All Priority Projects must include a numerically-sized flow-based, volume-based, or approved alternative storm water treatment system. In addition, projects falling into the groups described in Items (d) – (f) of Table 3 below must provide the specific treatment BMPs noted.

Table 3: PRIORITY PROJECT Post-construction BMP Checklist

	Yes	No
a) Will a flow-based system be used to treat runoff? i) grassy/ gravel swale <u> X </u> ii) other: _____ Please note that the flow-based system must meet all of the following criteria: i) minimum travel time of 9 minutes _____ ii) maximum velocity of .9 ft/sec _____ iii) maximum flow depth of 2" _____ iv) maximum slope for treatment of 2% <u> 4% WE WILL BE USING CHECK DAMS TO SLOW VELOCITY OF WATER </u> v) design based upon a rainfall intensity of .2 in/hr over entire site acreage _____ vi) runoff from all hardscape areas routed to the flow-base system _____	X	
b) Will a volume-based system be used to treat runoff? i) detention basin <u> X </u> ii) manufactured underground storage/infiltration <u> X </u> iii) other: _____ Please note that the volume-based system must meet all of the following design criteria: i) a retention time of not less than 24 hours and not more than 48 hours _____ ii) a volume determined using .6" of precipitation over the entire site acreage _____ iii) an overflow/ bypass design for volume exceedance _____ iv) runoff from all hardscape areas routed to the detention basin _____	X	
c) Will an approved alternate system be utilized for numerically sized treatment? Please specify: _____		X
d) Gas stations, automotive centers, and parking lots, shall install fossil fuel/ hydrocarbon filters in all storm drain inlets. Are filters planned for the project? (Use N/A if not applicable)	X	
e) Trash enclosures shall be covered and surface runoff directed away from the enclosures. Is this requirement planned into project design? (Use N/A if no trash enclosures are proposed)	X	
f) New roads shall include measures to treat the roadway runoff. Does the project design include treatment for proposed roadway runoff? (Use N/A if no new roads are proposed)	X	

¹ BMP requirements are more completely described in the City of Encinitas Best Management Practice Manual, Part II
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Application No.: _____

Standard Project: Standard Projects shall incorporate Standard Project Post-construction BMPs in addition to meeting the applicable construction phase BMPs. All Standard Projects must provide biofiltration meeting at least one of the standards listed under Item (c) below, and the site must be designed such that the answers to Items (a), (b), and (c) below are "Yes".

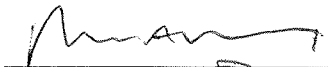
Table 4: STANDARD PROJECT Post-construction BMP Checklist

	Yes	No
a) Is runoff from hardsurface areas such as roofs and driveways routed over natural treatment areas (grass, gravel, non-erosive landscape) prior to discharge from the site?		
b) Does runoff from all proposed hardsurface areas receive biofiltration (no Directly Connected Impervious Areas [DCIA])?		
c) Will all trash enclosures be covered and surface runoff directed away from the enclosures (if trash enclosures are proposed)?		
d) Is biofiltration implemented for runoff? Check applicable method below: i) grassy or gravel swale at a maximum slope of 2% and minimum width of 3 ft. _____ ii) relatively flat landscape or turf areas _____ iii) driveway grass strip at least 1 foot wide _____ iv) pervious pavement and/or pavers with at least 50% opening _____ v) underground gravel filtration/ percolation system _____ vi) other (list): _____		

Storm Water Certification

(To be complete for all categories)

I hereby acknowledge that both construction and permanent post-construction storm water BMPs are required for this project and will be designated and constructed in accordance with the City of Encinitas BMP Manual, part II. I certify that the information provided above is complete and correct.

	MARK A. BRENCICK	5/14/08
Owner or Engineer Signature	Print Name	Date