

STORMWATER CONTROL PLAN CHECKLISTS

The following checklists are only applicable to projects that must comply with multiple Central Coast Post-Construction Requirements.

Complete a Stormwater Control Plan, using the provided template, and applicable checklists if your project must comply any of the following:

- PR 1 & 2; or
- PR 1, 2, & 3; or
- PR 1, 2, 3, & 4

Projects that install structural BMPs to comply with the above listed Performance Requirements must also complete and submit the required Operation and Maintenance documents.

PCR Performance Requirement Checklists

Performance Requirement #2 – Water Quality Treatment Checklist

Project Level Documentation		
<input type="checkbox"/> Net impervious area.	<input type="checkbox"/> Certification that onsite water quality treatment measures have been met onsite.	
Drainage Management Area (DMA) Documentation		
<input type="checkbox"/> Unique DMA Number.	<input type="checkbox"/> Area of each DMA.	<input type="checkbox"/> Pollutants of concern.
<input type="checkbox"/> Water Quality treatment approach (Self-treating, Biofiltration, LID, or Non-retention based treatment system.)		
<input type="checkbox"/> Support calculations demonstrating compliance with Treatment Performance Requirement.		
<input type="checkbox"/> Reference to Plan Sheet page where DMA exhibit is provided.		
For DMAs using Low Impact Development Treatment Systems:		
<input type="checkbox"/> 85 th percentile 24-hour storm event value, and basis of determination.		
For DMAs using Biofiltration Systems:		
<input type="checkbox"/> Statement indicating why an LID treatment system was not appropriate.		
<input type="checkbox"/> . Surface loading rate approach, and basis of determination (0.2 x per hour intensity, or 2 x 85th percentile hourly rainfall intensity)		
<input type="checkbox"/> Calculations to demonstrate that the minimum surface reservoir volume is equal to the biofiltration treatment system surface area time for a depth of 6 inches.		
<input type="checkbox"/> Planting medium and planting depth construction detail (reference to page or detail in plans).		
<input type="checkbox"/> Planting medium specifications, either: 60%-70% ASTM C33 sand with 30-40% compost or Alternative media with testing documentation demonstrating media can minimally infiltrate at a rate of 5 inches per hour.		
<input type="checkbox"/> Plant selection consistent with LID Handbook guidelines.		
<input type="checkbox"/> Subsurface drainage/storage (gravel) layer with an area equal to the biofiltration treatment system surface area, minimum depth of 12 inches.		
<input type="checkbox"/> Underdrain detail with discharge elevation at top of gravel layer.		
<input type="checkbox"/> Construction detail or note specifying no compaction of soils beneath biofiltration areas, and requiring ripping/loosening of soils if compacted. (Provide reference to page or detail in plans.)		
<input type="checkbox"/> Specification that no liners or other barriers may be installed to limit infiltration, except for situations where lateral infiltration is not technically feasible.		

PCR Performance Requirement Checklists

Performance Requirement #2 Water Quality Treatment Checklist (Continued)

For DMAs using Non-Retention Based Treatment Systems:
Statement indicating why an LID or biofiltration treatment system was not appropriate.
Hydraulic sizing criteria used, and basis of determination: Volume = to 85 th percentile, 24-hour storm or flow basis (2 x 85 th percentile hourly rainfall intensity or 0.2 x inches per hour intensity)

PCR Performance Requirement Checklists

Performance Requirement #3 Runoff Retention Checklist

<p>Site Assessment Documentation: <i>Include an exhibit or narrative of the opportunities and constraints to implementing Low Impact Development Stormwater Control based on the following items:</i></p>		
<input type="checkbox"/> Site topography	<input type="checkbox"/> Hydrologic features such as contiguous natural areas, wetlands, watercourses, seeps, or springs.	<input type="checkbox"/> Depth to seasonal high groundwater
<input type="checkbox"/> Locations of potable water wells.	<input type="checkbox"/> Depth to impervious geology (such as bedrock).	<input type="checkbox"/> Presence of unique or limiting geology.
<input type="checkbox"/> Geotechnical hazards.	<input type="checkbox"/> Documented soil and/or groundwater contamination	<input type="checkbox"/> Soil types and hydrologic soil groups
<input type="checkbox"/> Preserved vegetated cover or trees.	<input type="checkbox"/> Run-on characteristics (source and estimated stormwater volume discharging to the project area).	<input type="checkbox"/> Existing drainage infrastructure of the site and nearby areas, including municipal storm drains.
<input type="checkbox"/> Locations of structures, including flatwork and retaining walls.	<input type="checkbox"/> Locations of utilities	<input type="checkbox"/> Easements and covenants.
<input type="checkbox"/> Setbacks	<input type="checkbox"/> Open space requirements	<input type="checkbox"/> Other pertinent overlays.
<p>Site Design Documentation <i>Include a narrative, and provide supporting exhibits as necessary, to demonstrate that the project design has implemented the following design strategies (as applicable).</i></p>		
Design Strategy	Means of Demonstrating Compliance	
Define the development envelope and protected areas, identifying areas that are most suitable for development and areas to be left undisturbed.	Site Stormwater Assessment Exhibit.	
Conserve natural areas, including existing trees, other vegetation, and soils	Site Stormwater Assessment Exhibit with native vegetation, overlain with development footprint	
Limit the overall impervious footprint of the project	Discussion regarding other building configurations considered (and ultimately rejected)	

PCR Performance Requirement Checklists

Performance Requirement #3 Runoff Retention Checklist (Continued)

Site Design Documentation <i>(Continued)</i> <i>Include a narrative, and provide supporting exhibits as necessary, to demonstrate that the project design has implemented the following design strategies (as applicable).</i>	
Design Strategy	Means of Demonstrating Compliance
Construct streets, sidewalks, or parking lot aisles to the minimum widths necessary, provided that public safety or mobility uses are not compromised	Discussion on minimum allowable widths, and rationale for using larger values (if applicable) or confirmation that minimum values were used (where applicable).
Set back development from creeks, wetlands, and riparian habitats	Discussion on set-back dimensions implemented.
Conform the site layout along natural landforms	Within the Drainage Management Area (DMA) Exhibit, show topography with existing and planned contours cut and fill lines. Discussion of grading approach.
Avoid excessive grading and disturbance of vegetation and soils	Exhibit with native vegetation, overlain with planned disturbed area limits.
Stormwater Structural Control Measure Sizing:	
<input type="checkbox"/> Certification statement indicating that the selection, sizing, and design of stormwater control measures meets the applicable Water Quality Treatment and Runoff Retention Performance Requirements.	
<input type="checkbox"/> If applicable, provide documentation of the volume of runoff for which compliance cannot be achieved onsite and the associated off-site compliance volume.	
<input type="checkbox"/> If applicable, provide a statement of intent to comply with Water Quality Treatment and Runoff Retention Performance Requirements through an Alternative Compliance Agreement.	
<input type="checkbox"/> Documentation demonstrating percentage of the project's Equivalent Impervious Surface Area dedicated to retention-based Stormwater Control Measures.	
<input type="checkbox"/> Indicate the sizing strategy used in each DMA: <ul style="list-style-type: none"> <input type="checkbox"/> Hydrologic analysis and sizing methods <input type="checkbox"/> Locally/regionally calibrated continuous simulation model that results in equivalent optimization of on-site runoff retention volumes. <input type="checkbox"/> Hydrologic analysis and sizing methods, equally effective in optimizing onsite retention volumes of the runoff generated by rainfall. 	
<input type="checkbox"/> Provide supporting calculations demonstrating compliance with Performance Requirement #3.	
<input type="checkbox"/> Indicate if a ten percent adjustment (based on technical infeasibility) is included in the design approach.	
<input type="checkbox"/> Indicate if offsite mitigation is included in the design approach.	

PCR Performance Requirement Checklists

Performance Requirement #4 Peak Management Checklist

Project Level Documentation
<input type="checkbox"/> Point source discharge locations
<input type="checkbox"/> Include hydraulic report demonstrating that post-development stormwater runoff peak flows discharged from the site do not exceed pre-project peak flows for the 2- through 10-year storm events.
<input type="checkbox"/> Certification statement indicating that the selection, sizing, and design of stormwater control measures meets the applicable Peak Management Requirements.
<input type="checkbox"/> If applicable, provide documentation of the volume of runoff for which compliance cannot be achieved onsite and the associated off-site compliance requirements.
<input type="checkbox"/> If applicable, provide a statement of intent to comply with the Peak Management Performance Requirement through an Alternative Compliance Agreement.

PCR Performance Requirement Checklists

POST CONSTRUCTION REQUIREMENTS CERTIFICATION

This project is designed to achieve full compliance with the applicable Central Coast Post- Construction Requirements.

Preparer Name:	
Preparer Signature:	Date:
Was this application completed by a Registered Civil Engineer? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Engineer Name:	License Number: