### Post Construction Stormwater Requirements [Section 5.1]:

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<th>Requirement</th>
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<tbody>
<tr>
<td>• Conforms to CCRWQCB Resolution R3-2013-0032 and Post-Construction Procedural Memo</td>
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<tr>
<td>Stormwater Control Plan Application, and project plan impervious area values consistent with one another</td>
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For projects subject to PCR 1 and above:

- Site Design and Runoff Reduction SWCP Checklist demonstrates compliance with mandatory site design strategies
- Performance Requirement 1: Site Design and Runoff Reduction Form identified at least one of the mandatory runoff reduction measure, runoff reduction measure(s) shown on plans
- Source control measures are specified and appropriate for site features, shown on plans

For projects subject to PCR 2 and above:

- SWCP
  - Appropriate design storm and WMZ identified
  - Source controls identified with appropriate source control BMPs specified in plan and on civil plans
  - SCM sizing calculator results ‘updated’ prior to submittal, based on correct storm depth
  - Proposed sizes, including supporting calculations, provided for each SCM.
  - Construction Checklist table include plan sheet page and detail numbers for all source and treatment controls
  - Tabulation of pervious and impervious DMAs, showing self-treating areas, self-.retaining areas, areas draining to self-retain, and areas tributary to SCM, areas associated with SCMs.
  - Grading, drainage, landscaping and utility plans consistent with SCM design

- Drainage Management Areas Exhibit
  - Full size exhibit provided with existing and proposed topographical lines.
  - Each DMA has a unique identifier and is characterized as self-retaining (zero-discharge), self-treating, draining to a SCM or is an SCM.
  - Separate DMA for each surface type of surface, all surfaces accounted for.
  - DMAs reasonably sized for site characteristics.
  - DMAs on plan sheet match DMA summary table in SWCP
  - Exhibit shows entry and exit points, flow paths
  - Plans sheet provide callouts, details for each entry and exit point, consistent with DMA exhibit
  - Runoff flow towards treatment measures by gravity flow
  - Each DMA flows to no more than one treatment measure

- Runoff from existing improvements separated from new improvements, or included in sizing calculations if not separated
- Sizing adjusted if utilities will be present in facilities.
- One or more of the following Low Impact Development Treatment Systems are shown on plans:
  - For designated Self-Treatment Areas:
    - Receives no run-off from other areas
Post Construction Stormwater Requirements [Section 5.1]:

- Undisturbed or area planted with native, drought-tolerant, or LID appropriate vegetation.
  - For Vegetative Self-Retaining Areas (SRA):
    - Maximum 3-inch depth, not located in inaccessible locations
    - SRA planted with native, drought-tolerant, or LID appropriate vegetation.
    - Saturated soil infiltration rate is appropriate for percent rainfall depth, not to exceed 2:1 ratio (impervious to pervious)
  - For Pervious Pavements used in Self-Retaining Areas (SRA):
    - Calculator supports minimum required storage volume over the proposed infiltration area
    - Details and additional calculations are provided to support design
    - Area upstream of pervious pavements are stable
    - Maintain a minimum of 3/8-inch gap between pavers
    - Reservoir base course is open-graded crushed stone with a base depth adequate to retain required rainfall and support design loads
    - Subgrade is level

- Biofiltration Treatment Systems (BTS)
  - Justification for inability to treat runoff using LID treatment systems provided in SWCP
  - Surface ponding [6-inch minimum, 12-inch maximum without additional documentation in SWCP].
  - BTS minimum area = Tributary Impervious area x 0.04
  - Overflow is safety conveyed to a downstream storm drain system or discharge point sized to pass 100-year peak flow for on-line treatment systems or water quality peak flow for off-line treatment systems.
  - BTS located in publically accessible area
  - Civil plan sheets include checklist of 3rd party verification form inspection requirements
  - Areas and gravel depth consistent with results from SCM calculator
  - Civil plan sheets callout elevations at all edges of facility, top of soil, bottom of gravel layer, bottom of soil layer, rims and inverts of clean out and overflow risers
  - Bottom of facility level or adjustments to volume calculations shown in SWCP
  - Details consistent with layout sheets and cross-sections
  - No liners or barriers for infiltration units
  - If underdrain required (for contaminate soils, or slow infiltrating soils) it is provided
  - Structural overflow provided and located away from and not directly in line with inflow locations
  - Plants selected consistent with County LID pallet

- For Non-Retention (flow thru) Based Treatment Systems:
  - The SCM meets the required performance standard (treat two times the 85th percentile hourly rainfall intensity from DMAs draining to it; or the flow of runoff resulting from a rain event equate to at least 0.2 inches per hour of intensity), as certified through a third-party, field scale evaluation.
  - The SCM is designed and will be maintained (per O&M plan) in a manner consistent with provided propriety performance certifications.

For projects subject to PCR 3:
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<td>• SWCP</td>
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<td>o Appropriate storm design specified.</td>
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<td>o Retention Tributary Area (RTA) correctly shown; RTA = (Entire project area) – (self-treating areas) – (self-retaining areas and the impervious area that drains to them)</td>
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<td>o Allowable adjustments made to retention volumes, if applicable.</td>
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<td>• Drainage report provided. Design compatible with PCR 2 and 3 layouts.</td>
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**Other plan check comments:**