

Implementing Stormwater Requirements in New Development & Redevelopment Projects

Municipal Regional Permit Provision C.3.

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San Francisco Bay Region
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C.3.a. Performance Standard Implementation

- Retains current legal authority and implementation requirements**
- Adds requirement for integration of LID principles**
- Adds preference scheme for selecting stormwater controls:**
 - LID strategies**
 - Multi-benefit natural feature controls
Bioretention units, roof gardens**
 - Prefabricated or proprietary controls**

C.3.b. Regulated Projects

- **Threshold remains 10,000 ft² for 3 years**
- **Threshold lowers to 5000 ft² in Year 4**
- **Requirements applicable to**
 - **New roads, contiguous paved surfaces, & impervious trails >10 ft wide or creekside**
 - **Replaced arterial roads rehabilitated down to gravel base**
- **Excludes**
 - **Replacement of local & connector roads, and impervious trails**
 - **Routine repaving and pothole repair**

C.3.c. Single-Family Homes

- **New requirements for single-family homes creating/replacing ≥ 5000 ft² impervious surface**
- **Incorporate at least one site design measure from list**
 - **Divert roof runoff to vegetated areas**
 - **Direct surface flow to vegetated areas**
 - **Install driveways, patios and walkways with pervious material**

C.3.e. Operation & Maintenance

- **Requires inspection of:**
 - **All new treatment and HM controls within 30 days of installation**
 - **At least 20% of all treatment and HM controls annually**
 - **At least 20% of all vault systems annually**
 - **All treatment systems once every 5 years**
- **Requires more detailed reporting for each inspection (e.g., facility, date, type, findings)**

C.3.f. Hydromodification Management (HM)

- Incorporates all Countywide adopted HM requirements**
- Conforms SCVURPPP's HM requirements to other Counties' – 1 acre threshold**
 - Hydrologic source controls (LID) at redevelopment projects not increasing impervious surface**
 - Limit exempt areas by removing % built-out exemption – map included**

C.3.g. Alternative Compliance

- **Exemptions from treatment granted to:**
 - **Subsidized Brownfields sites**
 - **Low-income and senior housing, limited to actual portions of total project**
 - **Transit-oriented developments funded in MTC's Transit-Oriented Development Policy**
- **No showing of impracticability required**
- **Alternative Compliance by:**
 - **Equivalent offsite treatment (e.g., treat equal area, amount of pollutant loading, or quantity of runoff)**
 - **Contributing equivalent funds to Regional or in-stream project**

C.3.h. Alternative Certification

- **Restricts contractors from self-certifying installed stormwater treatment systems**
- **Does not prevent Cities from charging Regulated Projects for third-party certifications**

C.3.j. Impervious Surface Data

- **Requires impervious surface data for projects below C.3. threshold**
 - **Projects creating ≥ 1000 ft and $< 10,000$ ft² in Years 2 and 3**
 - **Projects creating ≥ 1000 ft and < 5000 ft² in Years 4 and 5**
- **Single-family home data optional**

More detailed information at:

**[http://www.waterboards.ca.gov/
sanfranciscobay/mrp.htm](http://www.waterboards.ca.gov/sanfranciscobay/mrp.htm)**



Construction Stormwater General Statewide Permit

What's New

Action Levels and Limits

- Technology-based Numeric Action Levels (ALs): ALs for pH, turbidity, and TPH
- Technology-based Numeric Effluent Limitations (NELs): 18 months to implement NELs for pH in all construction discharges
- Action Level Exceedance Evaluation Report (ALEER): exceed two consecutive ALs for a single parameter at a single sampling location - electronically submit to the State Board a report of exceedance and response

Tiered Approach

- **Risk-based Permitting Approach** -three tiered system based on
 - “R” factor
 - proximity to receiving waters
 - acreage of site to be graded
 - soil type
 - sedimentation basin
 - slope-length of disturbed area
- **Minimum Requirements** - specifies more minimum BMPs

Monitoring

- All projects to monitor and report the soil characteristics to provide better risk determination
- Effluent Monitoring and Reporting for pH, turbidity and TPH in storm water discharges to compare with NEL of pH and ALs for the other parameters

Monitoring after Exceedences

- Receiving Water Monitoring and Reporting: medium risk dischargers monitor receiving waters after two exceedances of ALs or two exceedances of the NEL for pH.
- High risk dischargers monitor receiving waters after two Exceedances of ALs or one Exceedance of NEL for pH.

Treatment

- **Active Treatment System (ATS) or Specific Source Control Requirements** - requires that if soils contain more than 10% (by weight) of particle sizes smaller than 0.02 mm (medium silt), either deploy an ATS or implement specific source control requirements to control fine sediment.

Flow Impacts

- **New and Re-development Performance Standards for Hydromodification Impacts** - requires all sites disturbing over one acre to avoid, minimize and/or mitigate hydromodification impacts.

Plans, Photos

- **Rain Event Action Plan (REAP)** - requires sites to develop and implement a REAP designed to protect the site within 48 hours prior to precipitation event.
- **Site Photographic Self Monitoring and Reporting** - all medium and high risk projects to self-report photographs quarterly if discharging

Reporting

- **Annual Reporting** - all projects enrolled for $>$ one quarter to submit information and annually certify compliance.
- Most information required to be submitted throughout the year (usually within some specified time after a triggering event occurs).

Training

- Certification/Training Requirements for Key Project Personnel: SWPPP preparers, inspectors, etc. have specific training or certifications of knowledge and skills adequate to ensure compliance.