The San Francisco Stormwater Design Guidelines (Guidelines) describe the requirements for stormwater management for development and redevelopment projects subject to the San Francisco Stormwater Management Ordinance and give project proponents the tools to achieve compliance.

THE GOAL OF THE GUIDELINES IS TO PROTECT AND ENHANCE THE FUNCTION OF THE CITY AND COUNTY OF SAN FRANCISCO’S SEWER SYSTEM AND THE QUALITY OF RECEIVING WATERS BY:

• managing stormwater runoff from development that would otherwise mobilize pollutants and degrade local water quality;
• reducing stormwater run-off rates, volume, and nonpoint source pollution whenever possible, through stormwater management controls, and ensuring that these management controls are safe and properly maintained.

DOES MY PROJECT NEED TO COMPLY?

All projects disturbing 5,000 square feet or more of the ground surface or surface over water must comply with these Guidelines if they filed for a site permit application or building permit application on or after January 12, 2010.

IN ORDER TO PROVE COMPLIANCE WITH THE GUIDELINES YOUR PROJECT MUST:

1. Determine if it is located in an area served by combined sewer or the separate sewer.
2. Meet the applicable Performance Measures (see reverse).
3. Submit a Preliminary Stormwater Control Plan (SCP) in accordance with the SCP Instructions (available on our website) to the SFPUC for review and approval prior to receiving a Site or Building Permit.
4. Submit a Final SCP to the SFPUC for review and approval to the SFPUC prior to receiving the Certificate of Final Completion.
5. Develop a maintenance plan for all proposed stormwater controls and submit it as part of the Preliminary and Final SCP.
6. Sign and record a Maintenance Agreement.

Stormwater Design Guidelines Resources

STORMWATER CONTROL PLAN APPLICATION Each project subject to the Guidelines is required to submit a Stormwater Control Plan (SCP) to the SFPUC for review and approval to ensure project compliance. The SFPUC has developed a Project Information Form, SCP Instructions and SCP Technical Report Template to assist with the development of the SCP.

BMP SIZING CALCULATORS The SFPUC has developed two Best Management Practices (BMPs) Sizing Calculators (one for combined sewer areas and one for separate sewer areas) to help project applicants estimate the appropriate size of selected BMPs to achieve the required performance standards.

MAINTENANCE AGREEMENT The Guidelines requires a maintenance agreement for all projects to ensure that treatment and control facilities continue to provide effective stormwater management. The SFPUC has developed a Maintenance Agreement Template and Recordation Instructions.

STORMWATER BMP FACT SHEETS The BMP Fact Sheets provide design guidance for several stormwater BMPs that can be used to meet the stormwater management requirements outlined in the Guidelines.

FREQUENTLY ASKED QUESTIONS The Guidelines FAQs clarify common questions regarding the Guidelines procedure, including performance measures, stormwater management control design, BMP size calculation methods, and SCPs.

To access these resources and find more information, please visit www.sfwater.org/sdg or email us at stormwaterreview@sfwater.org

October 2013
The City of San Francisco is encouraging the development of green infrastructure throughout its urban landscape via the Stormwater Design Guidelines, including green roofs, bio-retention basins and pervious pavement.

PERFORMANCE MEASURES

To comply with the Guidelines, projects must meet the applicable performance measures, depending on the type of sewer system serving the project:

**Combined Sewer Areas**

- For sites with existing imperviousness of less than or equal to 50%, stormwater runoff rate and volume shall not exceed pre-development conditions for the 1- and 2-year 24-hour design storm.
- For sites with existing imperviousness of greater than 50%, stormwater runoff rate and volume shall be decreased by 25% from the pre-development conditions for the 2-year 24-hour design storm.
- This requirement is equivalent to LEED Sustainable Sites Credit 6.1.

**Separate Sewer Areas:**

- Capture and treat the rainfall from a design storm of 0.75 inches.
- This requirement is equivalent to LEED Sustainable Sites Credit 6.2.

**Integrating BMPs into San Francisco’s Urban Landscape**

**Example: Former Shipyard**

1. Vegetated Roof
2. Cisterns to Harvest Rainwater for Reuse
3. Bioretention
4. Constructed Wetland
5. Urban Stormwater Plaza/Detention Pond

San Francisco Stormwater Design Guidelines

The Guidelines describe an engineering, planning, and regulatory framework for developing new infrastructure in a manner that reduces pollution in stormwater runoff as well as stormwater flow rate and volume. The Guidelines include in-depth information on design, plan approval, and ongoing maintenance requirements.

Please visit www.sfwater.org/sdg to download a copy of the Stormwater Design Guidelines.