Berkeley Environment, Health & Safety

Stormwater Checklist (2,000 SF and <5,000 SF)

Project Information

Project Name: _____

Individual Completing the Form: _____ Date: _____

Project Type ☐ New Development ☐ Redevelopment ☐ Road ☐ Retrofit ☐ Utility ☐ Landscaping

☐ Other; describe: _____

Project Areas

Total Project Area (SF) _____

Pre-Impervious Area (SF) _____

Post Impervious Area (SF) _____

New Impervious Area (SF) _____

Replaced Impervious Area (SF) _____

Is the Project Exempt?

☐ Yes, select exemption(s) below. No further responses are required in this form.

☐ No; complete the rest of the form.

☐ Interior remodel

☐ Routine maintenance or repair projects such as: maintenance, repair and replacement work on existing underground utilities; exterior wall surface replacement; roof replacement; pavement or asphalt resurfacing within the existing footprint; sidewalk replacement within an existing footprint to replace concrete that is causing a trip hazard; routine replacement/repair of damaged pavement/asphalt such as pothole repair.

☐ Sidewalks built as part of new streets or roads and built to direct stormwater runoff to adjacent vegetated areas

☐ Bicycle lanes built as part of new streets or roads that direct stormwater runoff to adjacent vegetated areas

☐ Impervious trails built to direct stormwater runoff to adjacent vegetated areas, or other non-erodible permeable areas, preferably away from creeks

☐ Sidewalks, bicycle lanes, or trails constructed with permeable surfaces

Instructions: Use the State Water Board's Post-Construction Calculator to quantify the runoff reduction resulting from implementation of site design measures.

Confirm the Project has attached each of the following:

☐ completed State Water Board's Post-Construction Calculator (or its equivalent)

☐ site maps that delineate square footage of each Site Design Measure

☐ construction details of the Site Design Measures.

All designs shall be in accordance with CASQA's Development BMP Handbook.

Select at least one site design measure that will be implemented.

Select	Site Design Measure	Description
☐	Stream Setbacks and Buffers	A vegetated area including trees, shrubs, and herbaceous vegetation that exists or is established to protect a stream system, lake reservoir, or coastal estuarine area.
☐	Soil Quality Improvement and Maintenance	Improvements and maintenance through soil amendments and creation of microbial communities.
☐	Tree Planting and Preservation	Planting and preservation of healthy established trees that include both evergreens and deciduous, as applicable.
☐	Rooftop and Impervious Area Disconnection	Rerouting of rooftop drainage pipes to drain rainwater to permeable areas instead of to the stormwater system.
☐	Porous Pavement (Requires Campus Architect Approval)	Pavement allows runoff to pass through it, thereby reducing the runoff from a site and surrounding areas and filtering pollutants. If selected, What is the gravel subbase thickness under the porous pavement and/or permeable pavers, in inches?
☐	Green Roofs (Requires Campus Architect Approval)	A vegetative layer grown on a roof (rooftop garden).
☐	Vegetated Swales (Requires Campus Architect Approval)	A vegetated, open-channel management practice designed specifically to treat and attenuate stormwater runoff.

Site Design Measures Implemented for Project

Description of Measure	Treatment Area	Treatment Flow or Volume	Targeted Pollutants*

*Sediment, trash/litter, dry weather flows (e.g., irrigation runoff)

Operation & Maintenance Procedures for Each Site Design Measure

Description of Measure	Inspection Frequency	Maintenance Frequency	Maintenance Method

Please include an O&M Manual, if available.