

**FOR OFFICE USE ONLY:**  
Does this project require permanent storm water BMP's?

Y  N



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## 2017 Storm Water LID Determination Worksheet

**PURPOSE AND APPLICABILITY:** Use this form to determine whether or not this project will need to incorporate permanent Storm Water Best Management Practices (BMP's) and submit a Storm Water Low Impact Development Submittal (SW LIDS) as required by the City's National Pollutant Discharge Elimination System Municipal Separate Storm Sewer System (NPDES MS4) only. Your project may still need to incorporate permanent storm water BMP's as required by CALGREEN or North Coast Regional Water Quality Control Board (NCRWQCB).

### Part 1: Project Information

Project Name

Applicant (owner or developer) Name

Site Address

Mailing Address

City/State/Zip

City/State/Zip

Permit Number(s) - if applicable

Phone/Email/Fax

Engineer Name

Mailing Address

City/State/Zip

Phone/Email

### Type of Application/Project:

Subdivision    Grading Permit    Building Permit    Hillside Development  
 Design Review    Use Permit    Encroachment    Time Extensions    Other

### PART 2: Project Exemptions

1. Is this a project that creates or replaces less than 10,000 square feet of impervious surface, including all project phases and off-site improvements?

Yes    No

2. Is this project a routine maintenance activity<sup>1</sup> that is being conducted to maintain original line and grade, hydraulic capacity, and original purpose of facility such as resurfacing existing roads and parking lots?

Yes    No

<sup>1</sup> "Routine Maintenance Activity" includes activities such as overlays and/or resurfacing of existing roads or parking lots as well as trenching and patching activities and reroofing activities.

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3. Is this project a stand-alone pedestrian pathway, trail, or off-street bike lane?

Yes  No

**Did you answer "YES" to any of the above questions in Part 2?**

**YES:** This project will not need to incorporate permanent Storm Water BMP's as required by the NPDES MS4 permit. **Please complete the Section 4 and "Exemption Signature Section" on Page 4.**

**NO:** Proceed with worksheet.

### **Part 3: Project Triggers**

#### **Projects that Trigger Requirements:**

Please answer the following questions to determine whether this project requires permanent Storm Water BMP's and the submittal of a SW LIDs.

1. Does this project create or replace a combined total of 10,000 square feet or more of impervious surface including all project phases and offsite improvements?

Yes  No

2. Does this project create or replace a combined total or 10,000 square feet<sup>2</sup> or more of impervious street, roads, highways, or freeway construction or reconstruction?  Yes  No

3. Does this project create or replace a combined total of 1.0 acre of more of impervious surface including all project phases and off-site improvements?  Yes  No

**Did you answer "YES" to any of the above questions in Part 3?**

**YES:** This project requires permanent Storm Water BMP's and the submittal of a SW LIDS. **Please complete the remainder of this worksheet and sign the "Acknowledgment Signature Section" on Page 4.**

**NO:** This project will not need to incorporate permanent Storm Water BMP's as required by the NPDES MS4 permit. **Please complete the "Exemption Signature Section" on Page 4.**

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<sup>2</sup>Impervious surface replacement, such as the reconstruction of parking lots or excavation to roadway subgrades, is not a routine maintenance activity. Reconstruction is defined as work that replaces surfaces down to the subgrade. Overlays, resurfacing, trenching, and patching are defined as maintenance activities.

**Part 4: Project Description**

1. Total Project area:   square feet  
 acres

2. Existing land use(s): (check all that apply)

Commercial  Industrial  Residential  Public  Other

Description of buildings, significant site features (creeks, wetlands, heritage trees), etc.:

3. Existing impervious surface area:   square feet  
 acres

4. Proposed Land Use(s): (check all that apply)

Commercial  Industrial  Residential  Public  Other

Description of buildings, significant site features (creeks, wetlands, heritage trees), etc.:

5. Proposed impervious surface area:   square feet  
 acres

## Storm Water LID Determination Worksheet

**Acknowledgment Signature Section:**

As the property owner or developer, I understand that this project is required to implement permanent Storm Water Best Management Practices and provide a Storm Water Low Impact Development Submittal (SW LIDS) as required by the City's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit. Any unknown responses must be resolved to determine if the project is subject to these requirements.\*

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Date

**Exemption Signature Section:**

As the property owner or developer, I understand that this project as currently designed does not require permanent Storm Water BMP's nor the submittal of a Storm Water Low Impact Development Submittal (SW LIDS) as required by the City's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit. I understand that redesign may require submittal of a new Determination Worksheet and may require permanent Storm Water BMP's.\*

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Date

\*Your project may still need to incorporate permanent storm water BMP's as required by CALGREEN or North Coast Regional Water Quality Control Board (NCRWQCB).

\_\_\_\_\_  
**Implementation Requirements:** All calculations shall be completed using the "Storm Water Calculator" available at: [www.srcity.org/stormwaterLID](http://www.srcity.org/stormwaterLID)

**Hydromodification Control/100% Volume Capture:** Capture (infiltration and/or reuse) of 100% of the volume of runoff generated by a 1.0" 24-hour storm event, as calculated using the "Urban Hydrology for Small Watersheds" TR-55 Manual method. 100% volume capture is the ideal condition and if achieved satisfies all requirements so that no additional treatment is required. This is a retention requirement.

**Treatment Requirement:** Treatment of 100% of the flow calculated using the modified Rational Method and a known intensity of 0.20 inches per hour.

**Delta Volume Capture Requirement:** Capture (infiltration and/or reuse) of the increase in volume of storm water due to development generated by a 1.0" 24-hour storm event, as calculated using the "Urban Hydrology for Small Watersheds" TR-55 Manual method. This is a retention requirement.