



Low Impact Development (LID) & Standard Urban Stormwater Mitigation Plan (SUSMP)

These are two independent requirements. There is overlap, so either, both or neither may be applicable to a given project.

- A. The Contractor shall comply with **Low Impact Development Ordinance No. 181,899**, adopted by the Los Angeles City Council. The LID handbook, along with all other related educational materials and documents, are posted online at <http://www.lastormwater.org/green-la/low-impact-development/lid-documents/>

The objectives of the LID are summarized as:

- a) Reducing storm water runoff and pollutant discharge;
- b) Capturing storm water to increase groundwater recharge;
- c) Reducing flood damage from heavy rainfall events; and
- d) Enhancing safe & recreational environments

The LID ordinance is applicable to all projects that create or add or replace 500 square feet or more of impervious area. It covers all construction projects requiring a building permit. The LID requires that $\frac{3}{4}$ " inch storm water runoff be mitigated, captured or infiltrated, or treated or reused. Suggested compliance strategies include rain barrels, bio-filtration systems, planter boxes, permeable pavement, rainwater storage tanks, infiltration swales, curb bump outs, etc.

The Contractor (and/or leasehold/tenant) is responsible for the LID compliance. The LID shall be considered at the initial proposal stage to identify Best Management Practices (BMPs) most appropriate to the project. Subsequently, the proposed LID/BMP elements shall be incorporated into engineering design and submitted to Watershed Division, Bureau of Sanitation of City of Los Angeles for obtaining a LID permit.

The submittal of the engineering design plans consists of plot plan, landscape, architectural/structural plan, elevation, mechanical/plumbing & utilities, including but not limited to:

- a) Location of all BMPs on plans, elevations and drainage patterns
- b) Details of all BMPs, including type, model, size, and capacity
- c) Manufacturer's product specifications if any equipment is proposed
- d) Stenciling note and detail
- e) Trash enclosure location and details
- f) Landscaping areas
- g) Flow calculations determining the volume of storm water runoff
- h) Operation & maintenance plan

The operation & maintenance of the LID/BMP system (equipment) shall be based on manufacturer's O&M manual, specifications and/or notes in the design plans and other commonly acceptable operations & maintenance practices.

- B. The Contractor shall also comply with the **SUSMP (Standard Urban Stormwater Mitigation Plan)** requirements, adopted by the State Regional Water Quality Control Board, prior to LID. SUSMP documents are posted online at <http://www.lastormwater.org/green-la/standard-urban-stormwater-mitigation-plan/>.



Los Angeles World Airports

SUSMP is applicable to projects into any of these following categories:

- a) Industrial /Commercial developments with one acre or more of impervious surface area
- b) Automotive service facilities
- c) Restaurants
- d) Parking lots of 5,000 square feet or more of surface area or with 25 or more parking spaces
- e) Projects with 2,500 square feet or more of impervious area that are located in, adjacent to, or draining directly to designated Environmentally Sensitive Areas (ESA)

The Contactor is required to incorporate storm water mitigation measures into their design plans and submit the plans to the City for review and approval. Any project that cannot comply with the Low Impact Development Ordinance requirements shall be required to comply with, at a minimum, all applicable SUSMP requirements in order to maximize onsite compliance.

Once the LID/SUSMP plan has been reviewed and accepted by the City's Watershed Protection Division (WPD), a letter of agreement to maintain the proposed LID/SUSMP devices according to the manufacturers' specifications is required between the property owner (LAWA) and the City's WPD.

The Contractor shall provide to LAWA Environmental Compliance and Sustainability Division (EC&S) an electronic copy in a pdf-file format of the followings:

- a) LID/SUSMP package (as submitted to WPD)
- b) A WPD LID/SUSMP/Site Specific Plan Check List
- c) A WPD Project Summary Clearance Form
- d) A List of LID/SUSMP devices approved for the project
- e) The Operation and Maintenance Procedures of LID/SUSMP devices
- f) A Cost Estimate to maintain such devices
- g) A Letter of Agreement between the tenant and LAWA Commercial Development Group (CDG). The Agreement shall list the LID/SUSMP devices, the Operation and Maintenance Procedures (as attachments), and the Tenant as the sole Responsible Party for maintaining the LID/SUSMP devices.

Once EC&S receives all documents, EC&S staff will review the documents for general compliance. Depending on the complexity and completeness of the submittal, the review could take up to 7 working days. Once LAWA staff deemed the package complete, LAWA EC&S staff will generate and send an electronic copy of the Letter of Agreement to WPD Manager and the recipients in the copied list. The original Letter of Agreement with wet signature must be picked up by the Contractor or the Project Tenant from EC&S office located at 7301 World Way West Rm 312, Los Angeles, CA 90045 and submitted to the City of Los Angeles Bureau of Sanitations' Watershed Division. For additional information on LID/SUSMP compliance, contact the EC&S main number at (424) 646-6500 or email ESD@lawa.org.