

The County of San Diego's Low Impact Development Manual

Low Impact Development (LID) is a planning strategy with the goal of maintaining or replicating the pre-development hydrologic character of a development site. Hydrologic functions of storage, infiltration and ground water recharge, as well as the volume and frequency of discharges are maintained through the use of micro-scale stormwater techniques. LID techniques slow runoff peak flow rate & volume by using small retention and detention areas and through the reduction and disconnection of impervious surfaces. Other strategies include the preservation/protection of environmentally sensitive site features such as riparian buffers, wetlands, steep slopes, mature trees, flood plains, and permeable soils.

LID Manual Timeline (+ HMP)

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| • LID Guidance Manual | July 2007 |
| • Interim LID requirements | Jan. 24, 2008 |
| ▪ Interim HMP requirements | Jan 24, 2008 |
| • Model SUSMP update | July 2008 |
| ▪ Regional HMP | Jan 24, 2009 |
| • Local Ordinance updates | July 2009* |

* earliest projected date

LID Manual Timeline

The **LID Manual** is being designed initially as a guidance document to assist land developers with the selection of various LID techniques. The Manual will include a full selection of LID BMPs which can be applied to areas of residential, commercial, industrial, and municipal development. The manual will offer a selection of techniques including a general description of each technique, design considerations, maintenance considerations, design limitations, site examples and additional sources of information. The manual will also include site design examples based on land use type.

Deadline is July 2007

New permit has general **interim LID requirements** (Deadline January 2008):

- Drain runoff from impervious to pervious
- Design pervious areas to receive runoff
- Use permeable pavements where appropriate
- Implement site design BMPs

The **Model Standard Urban Stormwater Mitigation Plan (SUSMP)** update will include the technical development of LID feasibility and applicability standards. At this time Copermittees will develop LID criteria to be met in the San Diego region. Deadline is July 2008.

Local Ordinance updates will include Model SUSMP LID standards and HMP requirements. The LID Manual will be updated during this time with technical appendices including model criteria, regulations, and numeric limits. The LID Manual may be incorporated into the SUSMP update or remain as a stand alone document. Earliest estimated date is July 2009.