

Appendix B: Low Impact Development Resources

The movement to educate municipal officials and other decision makers about implementing Low Impact Development strategies to reduce stormwater pollution has been growing. As a result, many different resources have become available to help city staff and officials understand what LID is and how it can be implemented in their communities. Below is an abbreviated selection of these resources that San Francisco Baykeeper feels might be helpful in creating sound strategies for curbing stormwater pollution.

General Overview of LID

The United States Environmental Protection Agency Nonpoint Source Pollution Program has a wide range of LID related information: <http://www.epa.gov/nps/lid/>

The Low Impact Development Center provides general and technical information for cities, planners, and developers: <http://www.lowimpactdevelopment.org/>

The San Luis Obispo SloGreen Build Organization has compiled a document outlining some of the technical and economic aspects of LID including its application in the context of the San Luis Obispo watershed: http://slogreenbuild.org/Library/documents/general/LID_greenpaper_9_2008.pdf

The Surfrider Foundation advocates for LID as a way to protect the nation's beaches from stormwater pollution: <http://www.surfrider.org/a-z/lid.php>

State Level Guidance and Information on LID

The California Stormwater Quality Association (CASQA) Handbook for New Development and Redevelopment reflects the current practices, standards, and knowledge about the effectiveness of LID best management practices: <http://www.cabmphandbooks.com/Development.asp>

LID Resources from Some Bay Area Counties Stormwater Programs

Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP):
http://www.scvurppp-w2k.com/nd_wp.shtml

Alameda Countywide Clean Water Program (ACCWP):
http://www.cleanwaterprogram.org/businesses_developers.htm

Contra Costa County Clean Water Program: <http://www.cccleanwater.org/c3.html>

Examples of LID Design Guidelines and manuals from Bay Area Cities

The San Francisco Stormwater Design Guidelines - created by the Port of San Francisco and the San Francisco Public Utilities Commission – outlines a design process for incorporating LID BMPs into site design: http://sfwater.org/mto_main.cfm/MC_ID/14/MSC_ID/361/MTO_ID/543

The City of San Francisco's Better Streets Plan incorporates LID principles into the City's long term planning for its streets:

http://www.sfgov.org/site/uploadedfiles/planning/Citywide/Better_Streets/index.htm

The City/County Association of Governments of San Mateo County Sustainable Green Streets and Parking Lots Design Guidebook provides state-of-the-art information on creating low-impact development roadways and parking lots within San Mateo County:

<http://www.flowstobay.org/documents/municipalities/sustainable%20streets/San%20Mateo%20Guidebook.pdf>

The Bay Area Stormwater Management Agencies design guidance manual, Start at the Source, provides guidance on how to incorporate LID into site design:

<http://www.sanjoseca.gov/planning/stormwater/startatsource.pdf>

Overcoming Process Barriers to Code Reform

The State of California's Review of Low Impact Development Policies: Removing Institutional Barriers to Adoption: http://pepi.ucdavis.edu/mapinfo/pdf/CA_LID_Policy_Review_Final.pdf

The Local Government Commission has developed the Ahwahnee Water Principles, as well as a model ordinance for incorporating sustainable water strategies as a core principle in all municipal planning:

http://www.lgc.org/ahwahnee/h2o_principles.html