Army Low Impact Development Technical User Guide

4 January 2013

Office of the Assistant Chief of Staff for Installation Management

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Engineer Research and Development Center

With Support From:

The Low Impact Development Center, Inc.

EXECUTIVE SUMMARY

The purpose of the Army Low Impact Development Technical User Guide is to assist installation and activity personnel to better understand processes related to planning, designing and constructing appealing and sustainable low impact development (LID) features, known as best management practices (BMPs), to manage stormwater. Low impact development integrated across a project site and especially into installation level planning brings about a decentralized approach to the management of stormwater runoff.

Low Impact Development is a stormwater management strategy designed to maintain site hydrology and mitigate the adverse impacts of stormwater runoff and nonpoint source pollution. Implementation of LID is based on "mimicking" the natural or pre-development hydrology and is recognized as the preferred means to manage stormwater on Army construction projects and is required by Federal legislation, Office Secretary of Defense and Army policy.

It is our hope that the information contained in this Low Impact Development Technical User Guide be used by the many different disciplines involved with the planning, design and execution of Army construction projects including: Garrison Commanders, Director Public Works, Master Planners, Engineers and Designers, Construction Inspectors, Contract Officer Representatives, Stormwater Managers, and Facility Maintenance Personnel to assist them in meeting Army sustainability goals.

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