



## Clark County 2015 Stormwater Manual Implementation Summary of Procedure

This procedure statement documents discussions and decisions from Clark County Public Works. Implementation of new stormwater regulations require staff to work through specific details of the regulations with applicants. The purpose is to ensure consistent application of county requirements. This procedure statement documents decisions for future reference and will be kept on the Public Works Clean Water Stormwater web page.

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**Procedure statement #2015-013** – March 2020

### **Emerging Technology Approval for Commercial, Industrial and Multifamily Site Plan Review Projects – GULD-Approved BMP Use**

#### **Background**

Section 3.4.7.2 of Clark County Stormwater Manual Book 1 allows the Responsible Official to include the use of emerging technology Best Management Practices (BMPs) that are not currently listed in the Clark County Stormwater Manual. In this case the Responsible Official is the Public Works Director in the role of County Engineer.

Currently, there are a number of proprietary treatment BMPs that show promise as low cost or easier to maintain products.

One of the concerns Clark County has about emerging technologies is that they often lack detailed history of maintenance costs. Some BMPs pose safety risks to county staff or require special equipment to maintain.

Project applicants for commercial, institutional, industrial and multifamily developments wish to use products that have a GULD but no formal approval by Clark County for use in these types of projects where the applicant will be the owner.

Emerging technologies generally lack a maintenance inspection and defect table matching the format used in Clark County inspections and its Maintenance Management System.

#### **Findings**

For development projects that are not residential subdivisions, Clark County allows treatment BMPs that have successfully obtained a Washington Department of Ecology General Use Level Designation for the type of treatment required under county code.

BMPs not otherwise approved by Clark County are not allowed in residential subdivisions or county right-of way.

This policy does not allow non-LID proprietary BMPs to be substituted mandatory LID BMPs.

The applicant must submit a standardized maintenance table created by the manufacturer formatted in the style used by Clark County Stormwater Manual Book 4.

The applicant must submit a maintenance plan created by the manufacturer or vendor under Minimum Requirement # 9.



Date 3/16/2020

Ahmad Qayoumi, PE  
Public Works Director

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