



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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March 15, 2019

Kevin J. McKee, P.E.
Porous Technologies, LLC.
163 Thadeus Street
South Portland, ME 04106

RE: Porous Technologies, LLC Stormcrete Precast Porous Concrete Slabs

Dear Kevin McKee:

This letter is in response to your December 6, 2018 request.

The Washington State Department of Ecology (Ecology) has determined that your Stormcrete® Precast Porous Concrete Slabs are functionally equivalent to BMP T5.15 Permeable Pavements, with the following changes to the standard cross section as provided in Figure V-5.3.5 of the 2014 Stormwater Management Manual for Western Washington (SWMMWW):

- Replace the 1-inch of washed sand as shown on the Figure with 2-inches of washed crushed No. 8 stone (or equivalent) that has been screeded to achieve the proper grade. See enclosed figure for the revised cross section.

The manufacturer (Porous Technologies) must approve all designs using Stormcrete Precast Porous Concrete Slabs prior to installation to ensure provision of the appropriate structural support.

If you have additional questions, or would like to discuss this letter, please contact me at (360) 407-6444, or douglas.howie@ecy.wa.gov.

Sincerely,

Douglas C. Howie, P.E.
Senior Stormwater Engineer
Program Development Services

cc: Carla Milesi, TAPE Program Manager, Washington Stormwater Center
Enclosure



Enclosure 1: Revision to Figure V-5.3.4 of the SWMMWW to reflect Stormcrete Requirements

