



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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February 25, 2019

Mr. Jon Moody, P.E.
Principal, 2gH Solutions
6329 Grand Blvd.
New Port Richey, FL 34652

RE: 2gH Solutions Uplet Outlet

Dear Mr. Moody:

This letter in response to your November 15, 2018 request. The Washington State Department of Ecology (Ecology) does not have an approval process for manufactured flow control devices like the Uplet Outlet. Thus, we are not able to provide a blanket approval for your product. However, this does not mean that you cannot sell your product in Washington State for use in detention facilities. Ecology will not disallow installation of the Uplet Outlet in existing or new detention facilities, as long as the jurisdiction that will provide maintenance will accept your product.

When an entity uses a discharge device that does not have discharge characteristics preprogrammed in the Western Washington Hydrology Model (WWHM), as with the Uplet Outlet, they are required to submit the engineering calculations that verify the device's discharge capabilities. For the Uplet Outlet, this means that the designer must submit design details (size and number of openings, equations used to compute stage/storage/discharge curves, and the complete stage/storage/discharge table) with the project's WWHM files that demonstrate compliance with the flow control standard.

Your product information indicates that you will provide a custom design for each project. Therefore, you must submit the back-up equations and calculations for each project. That will give confidence in the design for the particular project to the project reviewer.

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

