



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
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November 1, 2018

Mr. Marcus Quigley, P.E.
Chief Executive Officer
OptiRTC Inc.
356 Boylston Street, 2nd Floor
Boston, MA 02116

RE: Continuous Monitoring and Adaptive Control (CMAC) Functional Equivalency to Detention Pond Outlet Structures

Dear Marcus Quigley:

The Washington State Department of Ecology (Ecology) finds that the OptiRTC Continuous Monitoring and Adaptive Control (CMAC) system for hydraulic control of stormwater facilities is functionally equivalent to the standard outlet control structure for wet ponds, retention ponds, and detention ponds as described in the Stormwater Management Manual for Western Washington (SWMMWW) and the Stormwater Management Manual for Eastern Washington (SWMMEW).

OptiRTC CMAC is a control approach for stormwater facilities that can be designed to conform to various design criteria. This approach does not inherently confer a certain level of service; therefore, Opti has developed a CMAC analysis tool (current version is an Excel-based extension to the Western Washington Hydrology Model (WVHM)). The Opti CMAC system must be designed using the analysis tool and must adhere to the guidelines in the manufacturers specifications. Project applicants seeking to use Opti CMAC and the CMAC-WVHM Tool must obtain design input from OptiRTC regarding Tool application and system design. Designs without detailed input from OptiRTC are not acceptable and may not be installed.

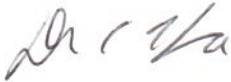
Ecology cannot endorse this product or its manufacturer. Contractors may use the Opti CMAC without seeking additional Ecology approval, however Ecology is tracking the installations of the Opti CMAC system. Local governments with a National Pollutant Discharge Elimination System (NPDES) permit shall submit the enclosed Notice of Intent Form to Ecology when installing the Opti CMAC. All other jurisdictions are also encouraged to notify Ecology when installing the Opti CMAC.



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If you have questions, please contact me at your earliest convenience at (360) 407-6444 or douglas.howie@ecy.wa.gov.

Sincerely,



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

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