

NOKESVILLE DESIGN, PLC

July 26, 2010

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Mr. Dwayne Roadcap, Program Manager
Virginia Department of Health
Division of On Site Sewage & Water
109 Governor St., 5th Floor
Richmond, Virginia 23219

RE: REVISED Engineer's Product Certification Statement and O&M Manual for
Delta/Whitewater Ecopod Series Aerobic Treatment Units when used with a
Salcor UV Disinfection Unit.

Dear Mr. Roadcap:

Nokesville Design has designed large numbers of sewage disposal systems in the Commonwealth of Virginia, to include numerous systems incorporating the Delta/Whitewater Ecopod series Aerobic Treatment Unit (ATU) and the Salcor UV Disinfection unit. This unit has received NSF Standard 40 approval for treatment of residential strength wastewater as well as NSF Standard 245.. The systems we have designed utilizing Ecopod pretreatment range from 300 gallons per day to 1,000 gallons per day.

When properly specified, designed, installed, operated and maintained, the Ecopod series ATU and Salcor UV light provides treatment that consistently meets or exceeds design performance criteria.

parameter	Log Transformed Upper 99% Confidence Interval Converted Back to Native Units
BOD ₅ (mg/l)	Less than or equal to 10 mg/l
TSS (mg/l)	Less than or equal to 10 mg/l
Fecal Coliforms (cfu/100ml) or E. Coli	Less than 2,000 cfu/100ml

I have reviewed the Ecopod and Salcor UV Disinfection Unit Operations and Maintenance Manual and design parameters. I recommend the Delta/Whitewater Ecopod series treatment unit when used with a Salcor UV Disinfection Unit be granted approval as outlined in *VDH Guidance, Policy, and Memoranda #147*.

A copy of the NSF testing data and Operations & Maintenance Manual, Design Manual, and Plans are included for your review.

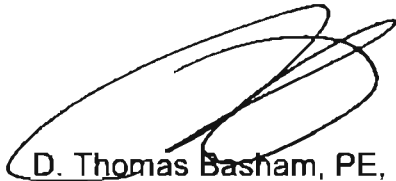
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I have also reviewed the Manufactures Operations & Maintenance Manual, and in my professional opinion, the manufacturer's maintenance schedule and activities appear to accurately reflect the servicing and maintenance needs of the system.

Should you have any questions regarding this matter, I may be reached Monday through Friday from 8:00 a.m. to 5:00 p.m. on 703.594.2425, extension 105..

Sincerely,



D. Thomas Basham, PE, LS.
Licensed Professional Engineer #15640

cc: Tim Simth, Pentair

Enclosure: as stated

