



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Nonpoint Pollution Control

Division of Water Quality

Post Office Box 029

Trenton, New Jersey 08625-029

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http://www.state.nj.us/dep/dwq/bnpc_home.htm

JOHN S. CORZINE
Governor

MARK N. MAURIELLO
Acting Commissioner

September 2, 2009

J. Kelly Williamson
2733 Kanasita Drive, Suite B
Chattanooga, TN 37343

Re: Addendum of Conditional Interim Certification (CIC) for the Aqua-Swirl Concentrator
by AquaShield Inc.

Expiration Date: May 15, 2011

Dear Mr. Williamson:

The Department has reviewed your June 12, 2008 letter to New Jersey Corporation for Advanced Technology (NJCAT). In the letter you requested that the Department to give recognition to volumetric sizing criteria for the Aqua-Swirl™ Concentrator.

The Department concurs with the table listed below entitled: "Aqua-Swirl™ Concentrator Volumetric Sizing Chart". As of this letter the Department is replacing the Table in the Conditional Interim Certification Findings entitled: "Aqua-Swirl™ Concentrator Models at 50% of Original Treatment Flow" with the below table.

Table 1: Aqua-Swirl™ Concentrator Volumetric Sizing Chart

Unit	Inner Diameter (ft)	Depth (ft)	Volume (ft ³)	Volumetric Loading Rate (gpm/ft ³)	Water Quality Treatment Flow (cfs)
AS-2	2.5	3	14.7	9.1	0.3
AS-3	3.25	5.5	45.6	9.1	0.9
AS-4	4.25	5.5	78	9.1	1.6
AS-5	5	5.5	108	9.1	2.2
AS-6	6	6	170	9.1	3.4
AS-7	7	7	269	9.1	5.5
AS-8	8	8	402	9.1	8.2
AS-9	9	9	573	9.1	11.6
AS-10	10	10	785	9.1	15.9
AS-12	12	12	1360	9.1	27.5

Additional information regarding the implementation of the Stormwater Management Rules N.J.A.C. 7:8 are available at www.njstormwater.org. If you have any questions regarding the above information, please contact Ms. Sandra Blick of my office at (609) 633-7021.

Sincerely,

A handwritten signature in black ink that reads "Barry Chalofsky for B.C." The signature is written in a cursive, flowing style.

Barry Chalofsky, P.P., Chief
Bureau of Nonpoint Pollution Control

c: Tom Micai, NJDEP
Mary Beth Brenner, NJDEP
Rhea Weinberg Brekke, NJCAT