

May 4, 2006

Jason Diamond, P. Eng.
ZENON Environmental Inc.
3239 Dundas St. W.
Oakville, Ontario, Canada
L6M 4B2

Re: REVISED Acceptance of ZENON ZeeWeed ZW 500 and ZW 1000 series membrane filtration technology

Dear Mr. Diamond:

I am modifying my previous acceptance letter of April 28th, 2006 to ZENON. The following is the modified acceptance. The difference is in the use of the ZW100 series membrane.

For the purposes of complying with the filtration technology acceptance requirements of our rules, I am hereby accepting this particular membrane filtration technology under the following conditions for Class A wastewater projects in Idaho. This is not an endorsement of this technology, nor is it an approval of any other portion of the equipment or of a project.

For Membrane Bioreactor (MBR) Vacuum Filtration or Tertiary treatment of secondary wastewater effluent using ZENON ZeeWeed ZW 500 series membrane: Polyvinylidene Fluoride (PVDF UF) Hollow Fiber with a nominal pore size of 0.035 microns and a flux rate not to exceed 20 gallons per sq. ft. / day (gfd); transmembrane pressure not to exceed -8 psi; required membrane integrity tests; turbidity performance limited by Section 601.06.b of IDAPA 58.01.17; and being complimented with a disinfection process that will achieve the limits stated in Section 600.07.a of IDAPA 58.01.17.

For Tertiary treatment of secondary wastewater effluent using ZENON ZeeWeed ZW 1000 series membrane: Polyvinylidene Fluoride (PVDF UF) Hollow Fiber with a nominal pore size of 0.02 microns and a flux rate not to exceed 30 gallons per sq. ft. / day (gfd); transmembrane pressure not to exceed 10 psi; required membrane integrity tests; turbidity performance limited to Section 601.06.b of IDAPA 58.01.17; and being complimented with a disinfection process that will achieve the limits stated in Section 600.07.a of IDAPA 58.01.17.

Be advised that Idaho is presently modifying its rules regarding disinfection requirements for Class A effluent. We anticipate having rules similar to California's soon that would require the entire treatment train to achieve 5-log removal of virus in addition to the rules now in place, and a change in the requirement for effluent turbidity. The effluent turbidity for membranes will change to 0.2 NTU instead of the 2 NTU now in place. I do not believe that either of these changes or any other changes will affect the use of your product.

Very truly yours,

K. Mark Mason, P.E.
DEQ Wastewater Program

c: Roger Tinkey, P.E., DEQ CDA Regional Office
Tom Moore, P.E., DEQ Lewiston Regional Office
Chas Aris, P.E., DEQ Boise Regional Office
Dave Anderson, DEQ Twin Falls Regional Office
John Kirkpatrick, P.E., DEQ Pocatello Regional Office
Greg Eager, P.E., DEQ Idaho Falls Regional Office
Richard Huddleston, P.E., DEQ Wastewater Program Manager