May 23, 2006

Merrilee A. Galloway
Koch Membrane Systems, Inc.
850 Main Street
Wilmington, MA 01887

Re: Acceptance of Koch PURON MBR membrane filtration technology

Dear Ms. Galloway:

For the purposes of complying with the filtration technology acceptance requirements of the Idaho Reuse rules, I am hereby accepting this particular membrane filtration technology under the following conditions for Class A wastewater Reuse 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 using the Koch Puron filtration technology: Polyethersulfone hollow fiber PSH 500C2-L1 membrane with a nominal pore size of 0.05 microns, under vacuum pressure, and a flux rate not to exceed 35.3 gallons per sq. ft. / day (gfd); 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.

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 anticipated 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