

December 5, 2005

Cory Firzlaff
Wm. H. Reilly & Co. – Intermountain Region
10132 South 440 East
Sandy, UT 84070

Re: Approval of US Filter- Kruger Hydrotech Cloth Media Disk Filter technology

Dear Mr. Firzlaff:

For the purposes of complying with the filtration technology approval requirements of our rules, I am hereby approving this particular technology under the following conditions for this project and similar wastewater projects in Idaho. This is not an endorsement of this technology, nor is it an approval of any other portion of the equipment.

This approval is based on a report entitled "Evaluation of the Hydrotech Filter for Compliance with Title 22 for Recycled Water Applications" prepared by W3 Engineering, Inc. (August 2003). Idaho DEQ approval is based on utilization of the PET mono-filament, 2:2 twill weave, 11 micron (+/- 2.0 micron) mesh opening, 523.2 (n/inch), 60 micron thickness, wt. rating of 1.48 oz./square yard, stabilized finish per said report.

Further, acceptance of this technology is contingent on the influent to the filter being coagulated; having loading rates not to exceed 6 gal/sq ft²min; being complimented with a disinfection process that will achieve the limits stated in Section 600.07.a of IDAPA 58.01.17; influent turbidity to filter not to exceed 10 NTU more than 5-percent of the time within a 24-hr. period and never exceed 15 NTU; scheduled inspections of cloth condition; and turbidity performance limited to Section 601.06.b of IDAPA 58.01.17.

Very truly yours,

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

Copy: Gary Gaffney, 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 Fall Regional Office
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