

December 5, 2005

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

Re: Approval of Parkson Corporation DynaSand 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.

Idaho DEQ approval is based on an upflow deep bed continuous backwash filter with a media depth of 40 or 80 inches of sand with an effective size of 1.30 millimeters and a uniformity coefficient of 1.50; complete recycling of the filter media every three to four hours; and turbidity performance limited to Section 601.06.b of IDAPA 58.01.17.

Further, acceptance of this technology is contingent on the influent to the filter being coagulated; having loading rates not to exceed 5 gal/sq ft<sup>2</sup>min; and being complimented with a disinfection process that will achieve the limits stated in Section 600.07.a of IDAPA 58.01.17.

Coagulation may be waived if the filter effluent does not exceed 2 NTU, the filter influent is continuously monitored, the filter influent turbidity does not exceed 5 NTU, and automatically activated chemical addition or diversion facilities are provided in the event filter effluent turbidity exceeds 5 NTU.

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  
John Kirkpatrick, P.E., Pocatello Regional Office  
Greg Eager, P.E., Idaho Falls Regional Office  
Richard Huddleston, P.E., DEQ Wastewater Program Manager