Water Resources Consulting L.L.C.
Peter Willing, Ph.D.

September 15, 2000

Mr. Tom Luster
Washington State Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7001

RE: Supplemental Information, Des Moines Creek Flow Augmentation Facility

Dear Mr. Luster,

My September 5th, 2000 letter to you made the point that the Seattle Public Utilities water supply from Lake Youngs was too warm to be of practical use in lowering stream temperatures in Des Moines Creek. Since that time the actual data to document this point has become available. I have plotted it in the attached graph.

As you can see, the Lake Youngs outlet temperature rises above 16° C. by the middle of June, and does not drop back down below 16° C. until mid-October. This is the precise time interval during which the Des Moines Creek Basin Committee wishes to lower the stream temperatures below 16° C. The Lake Youngs water rose as high as 20° C. during the summer of this year.

Obviously, water from Seattle Public Utilities' Cedar River/Lake Youngs water supply will not serve as it was proposed by the Port of Seattle, for the purpose of temperature amelioration in Des Moines Creek. This casts a shadow on the Port's claim that it has secured a suitable water supply for flow augmentation.

Thank you for considering these data.

Sincerely,

Peter Willing, Ph.D.
Enclosure: Lake Youngs Outlet Temperatures

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Lake Youngs Outlet Temperatures

Data from Seattle Public Utilities