

START

9513359.0245

0041606



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10 HANFORD PROJECT OFFICE  
712 SWIFT BOULEVARD, SUITE 5  
RICHLAND, WASHINGTON 99352

July 10, 1995

Julie K. Erickson, Manager  
River Sites Restoration Division  
U.S. Department of Energy  
P.O. Box 550, H4-83  
Richland, Washington 99352

Re: DOE's Letter "Response to 'The Hanford Cleanup Costs in Perspective: Pump-and-Treat for Hexavalent Chromium'"

References:

- 1) EPA letter to K. Mike Thompson, DOE from Laurence E. Gadbois, EPA entitled "The Hanford Cleanup Costs in Perspective: Pump-and-Treat for Hexavalent Chromium", dated April 26, 1995 41053
- 2) DOE letter to Steve M. Alexander, Ecology and Douglas R. Sherwood, EPA entitled "'Response to 'Hanford Cleanup Costs in Perspective: Pump-and-Treat for Hexavalent Chromium'", dated July 5, 1995 ✓

Dear Ms. Erickson:

We appreciate the interest that the U.S. Department of Energy (DOE) and its contractor have shown in response to reference 1 relative to cost effective systems for pump-and-treat. The DOE has initiated field tests of what promises to be a more cost effective ion exchange resin. We expect DOE to take dramatic steps towards automation of existing and future systems as another major cost savings. The Boomsnub facility of reference 1 provides a template for additional automation that we hope is beneficial.

The specifics provided in reference 2 fails to identify the total project cost verses water treated for the 100-HR-3 pump-and-treat. The cost-per-gallon information provided in reference 2 is not based on actual gallons treated. To answer this remaining question, we request the following:

DOE provide a month-by-month (August 1994 through May 1995) tally of actual gallons per month treated and actual total charges to this project. Actual costs divided by actual gallons pumped will provide actual cost-per-gallon.



Julie K. Erickson

-2-

July 10, 1995

Since this is information DOE has in-hand, we expect a response within two weeks. We look forward to receipt of this additional information. If you have any questions, please call me at (509) 376-9884.

Sincerely,

*Laurence E. Gadbois*

Laurence E. Gadbois  
Environmental Scientist

cc: David E. Olson, DOE  
Dan Silver, Ecology  
Wayne W. Soper, Ecology  
Administrative Record (100 Area)