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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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August 20, 2009

Mr. James P. Hanson  
Richland Operations Office  
United States Department of Energy  
P.O. Box 550, MSIN: A5-10  
Richland, Washington 99352

Re: *Description of Work for Aquifer Testing in Support of the 100-H Deep Chromium Investigation, SGW-41302, Revision 0*

Dear Mr. Hanson:

The Department of Ecology (Ecology) approves the work scope as described in the referenced document.

Ecology also approves a temporarily shutdown of the 100 Area pump-and-treat system. We recognize that the temporary shutdown of the 100 H Area pump-and-treat system is necessary to allow work to proceed. We also recognize the temporary shutdown will not affect the ongoing groundwater remediation at the 100 D Area.

We note that the work scope describes aquifer testing and sampling that will be performed in order to partially satisfy an action from the last Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) five-year review. This work, together with the aquifer tests, well completions, and sediment sampling work planned for the 100 Area D/H Remedial Investigation/Feasibility Study, will satisfy the CERCLA five-year action completely.

If there are any questions, contact Jacqui Shea at 509-372-7925 or me at 509-372-7916.

Sincerely,

Mandy Jones  
Acting Environmental Restoration Project Manager  
Nuclear Waste Program

jc

cc: Matthew McCormick, USDOE  
David Shrimpton, CHPRC  
John Smoot, CHPRC  
Stuart Harris, CTUIR  
Gabriel Bohnee, NPT  
Russell Jim, YN

Susan Leckband, HAB  
Ken Niles, ODOE  
Administrative Record: 100 Area  
Environmental Portal  
Hanford Operating Record General File

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