



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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October 11, 2000

Mr. K. Michael Thompson
U.S. Department of Energy
Richland Operations Office
P.O. Box 550, MSIN: A5-13
Richland, Washington 99352

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EDMC

Dear Mr. Thompson:

Re: C Single-Shell Tank (SST) Farm Waste Management Areas (WMA)
Resource Conservation and Recovery Act Groundwater Monitoring

During a Tri-Party Agreement (TPA) Milestone M-24-00M negotiation/workshop meeting on September 25, 2000, Susan Narbutovskih of the Pacific Northwest National Laboratory indicated that an indicator parameter groundwater monitoring frequency (semi-annual) at 241-C Tank Farm would be resumed. The Washington State Department of Ecology (Ecology) has initiated a review of C Farm groundwater monitoring data as provided in the *Hanford Site Groundwater Monitoring for Fiscal Year 1999* (PNNL-13116, March 2000). From review of information provided from wells 299-E27-14, 299-E27-13, 299-E27-7, 299-E27-12, and 299-E27-15, it appears that a monthly monitoring frequency was performed beginning in late 1998 and extending through much of 1999. Considering the groundwater monitoring network's deficiencies and the waste management activities occurring in C Farm during the same period, Ecology would like to commend the project scientist for requesting the additional monitoring be performed.

During a TPA Milestone M-24-00M negotiation/workshop meeting on October 4, 2000, Ecology encouraged the U.S. Department of Energy to evaluate the appropriateness of remaining in an indicator parameter groundwater monitoring program for C Farm. Until it is decided which groundwater monitoring program is applicable for 241-C Tank Farm, Ecology requests that a minimum of quarterly monitoring of RCRA groundwater monitoring wells be performed.

If you have any questions about the above request, please contact Alisa Huckaby at 736-3034.

Sincerely,

Dib Geswami, Ph.D.
Senior Hydrogeologist
Nuclear Waste Program

Sincerely,

Melinda Brown
Tank Waste Storage Project Manager
Nuclear Waste Program

ADH:lkd

cc: Dana Bryson, USDOE
Marvin Furman, USDOE
Steve Wiegman, USDOE
Rob Yasek, USDOE
Tony Knepp, LMHC

John Fruchter, PNNL
Stuart Luttrell, PNNL
Susan Narbutovskih, PNNL
Mary Lou Blazek, OOE

Administrative Record: C SST WMA Groundwater Monitoring