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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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January 5, 2004

Mr. Bryan Foley
Richland Operations Office
United States Department of Energy
PO Box 550, MSIN: A6-38
Richland, Washington 99352

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EDMC

Dear Mr. Foley

Re: Requested Revision of the 200-PW-2/200-PW-4 Operable Units Remedial Investigation/Feasibility Study Work Plan

The Washington State Department of Ecology (Ecology) transmitted a letter to you, dated February 10, 2003, regarding the *200-PW-2/200-PW-4 OUs Work Plan and RCRA TSD Unit Sampling Plan* (DOE/RL-2000-60, Rev. 1). Ecology's letter provided conditional approval to collect samples and to complete geophysical logging for work specified in Section 3.3 of the draft sampling plan. Our letter also transmitted to the United States Department of Energy (USDOE) the regulatory review comments on the Remedial Investigation/Feasibility Study (RI/FS) work plan. Since then Ecology has met with USDOE on multiple occasions, and we have not resolved the comments to our mutual satisfaction. Ecology has not approved the RI/FS work plan. 58977

Ecology is requesting that USDOE insert the information in the enclosed table and figure into the RI/FS work plan, in the sampling plan (Appendix B of the work plan). The enclosed information specifies sampling to add the 216-S-7 Crib as a representative site for the 200-PW-2 Operable Unit. USDOE shall make other related changes; for example, Table ES-1 in the main work plan summarizes the number of samples and would have to be updated to reflect an increase in the total. Ecology is requesting that USDOE make the necessary updates and submit to Ecology a Revision 1 RI/FS work plan within 60 days of receipt of this letter.

Ecology is also repeating our request for "project task element schedule status and associated 'float'" for the 200-PW-2/4 RI/FS, in accordance with Section 4.1 of the Hanford Federal Facility Agreement and Consent Order (HFFACO) Action Plan. Ecology previously requested

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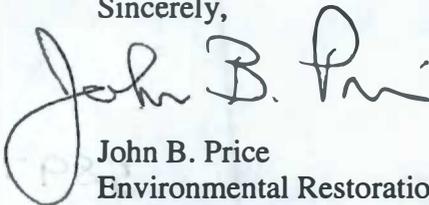
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this information at the 200 Area Unit Manager Meeting on November 20, 2003. The requested information was not provided at the subsequent 200 Area Unit Manager Meeting held on December 18, 2003. Please provide the following task element status within 10 days of receipt of this letter:

- 200-PW-2/PW-4 RI/FS Work Plan status and associated float
- 200-PW-2/PW-4 RI/FS field work status and associated float
- HFFACO Milestone M-015-43B (200-PW-2/PW-4 RI Report) status and associated float
- HFFACO Milestone M-015-43C (200-PW-2/PW-4 FS and Proposed Plan) status and associated float

If you have any questions, please contact me at (509) 736-3029.

Sincerely,



John B. Price
Environmental Restoration Project Manager
Nuclear Waste Program

lkd

Enclosures:

1. Table B-X. 216-S-7 Crib Sampling Plan
2. Figure B-X. Approximate Sampling Intervals in the 216-S-7 Borehole

cc: Craig Cameron, EPA
Larry Romine, USDOE
Todd Martin, HAB
Stuart Harris, CTUIR
Pat Sobotta, NPT
Russell Jim, YN
Ken Niles, ODOE

Administrative Record: 200-PW-2; 200-PW-4; 216-S-7

Table B-X. 216-S-7 Crib Sampling Plan.

Sample Collection Methodology	Sample Location	Maximum Depth of Investigation ^a	Sample Interval Depth (ft) bgs ^b	Analyte List ^c	Physical Properties	
					Sample Interval	Parameters
Borehole CXXXX	CXXXX	321 ft	17.5-20, 37-39.5, 47-49.5, 58.5-61, 127.5-130, 197.5-200, 287.5-290, 292-294.5, 318.5-321	Table B-4	One sample from each of the following: - H ₂ - Silt Sequence - Ringold Unit A	Bulk density, moisture content, particle size distribution
Maximum Number of Samples		9				
Approximate Number of Field QC Samples		2 ^d				
Approximate Total Number of Samples		11				

^a Water table is estimated to be at 321 ft.

^b Actual sampling depths may vary depending on the amount of backfill/overburden used in interim stabilization activities at the waste site, field screening results and varying subsurface conditions.

^c See Table B-4 for detection limits and other analytical parameters.

^d QC samples will consist of one co-located duplicate and one equipment blank.

bgs = below grade surface

H₂ = Hanford formation Sandy Sequence

Figure B-X. Approximate Sampling Intervals in the 216-S-7 Borehole.

