



# Department of Energy

9304413

Richland Field Office

P.O. Box 550

Richland, Washington 99352

**JUN 2 1993**

93-LWB-075

Mr. Roger F. Stanley, Director  
 Tri-Party Agreement Implementation  
 State of Washington  
 Department of Ecology  
 P.O. Box 47600  
 Olympia, Washington 98504-7600

Dear Mr. Stanley:

REQUEST FOR VARIANCE - RESOURCE CONSERVATION AND RECOVERY ACT WELL 299-W18-32

The U.S. Department of Energy, Richland Operations Office (RL) requests a variance as required in the Washington Administrative Code (WAC) 173-160 for the nonconformance of the referenced Resource Conservation and Recovery Act (RCRA) well. The State of Washington Department of Ecology (Ecology) has been apprised of the particular problems and has indicated that a variance is necessary prior to accepting the well as part of the RCRA monitoring well network. The well is part of the 1992 Hanford Federal Facility and Consent Order Milestone M-24-00.

The nonconformance with WAC specifications occurred during the completion of well 299-W18-32. The referenced well was completed on March 17, 1992. Well completion information is attached in the Appendix. During the completion process, a portion of the 10 inch carbon steel drilling shoe was inadvertently detached from the temporary 19 inch casing while backpulling (see drawing in the Appendix). This portion of the casing remains in the borehole within the stainless steel screened interval. Geophysical logging confirmed that the 10 inch drilling shoe is located within the screened interval at approximately 209 feet below the ground surface (see Well Summary Sheet in the Appendix).

Well 299-W18-32 was constructed in conformance with WAC. Because this nonconformance occurred subsequent to the construction of this well, it is not a safety concern nor does it require immediate action by Ecology, according to the recently agreed upon variance process.

Since retrieving the 10 inch drilling shoe is technically impossible, it is recommended that Well 299-W18-32 be sampled as is. The sample data collected from Well 299-W18-32 well be "flagged" to indicate that the data may have been impacted by the presence of foreign material in the screened interval.



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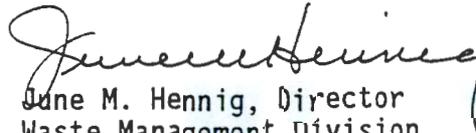
Mr. Roger F. Stanley  
93-LWB-075

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Please review this request and respond in the allotted 14 day time period, per WAC 173-160-020.

If you have any questions or need additional information regarding this report, please contact Marvin Furman of my staff on (509) 376-7062.

Sincerely,

  
June M. Hennig, Director  
Waste Management Division

WMD:MJF

Enclosure:  
Appendix - 299-W18-32

cc w/o encl:  
K. R. Fecht, WHC  
R. R. Thompson, WHC  
R. D. Wojtasek, WHC  
G. C. Hofer, EPA

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<b>Subject:</b> REQUEST FOR VARIANCE - RESOURCE CONSERVATION AND RECOVERY ACT WELL 299-W18-32		

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