

0058871

Change Number M-15-99-02	Federal Facility Agreement and Consent Order Change Control Form <small>No not use blue ink. Type or print using black ink.</small>	Date
Originator M. J. Furman		Phone 373-9630
Class of Change <input type="checkbox"/> I - Signatories <input type="checkbox"/> II - Executive Manager <input checked="" type="checkbox"/> III - Project Manager		
Change Title Modifications to the Groundwater Sampling and Analysis for the 100-FR-3 Operable Unit Groundwater Sampling Project		
Description/Justification of Change <p>The following encapsulates changes to the 100-FR-3 Operable Unit Monitoring as of 07/31/96:</p> <ol style="list-style-type: none"> 1) Wells 199-F5-2, 199-F5-7 and 199-F8-1 were deleted as part of the site-wide decommissioning program. The 100-FR-3 Operable Unit continues to have adequate coverage from remaining groundwater monitoring wells. Changes in groundwater conditions or elevation of constituent levels could require new well installations. Well placements are selected on the basis of proximity to the Columbia River, historical trends in each well, and contaminant plume locations. 2) Integration of groundwater programs within the Hanford Site has eliminated overlap in sampling schedules and constituents. Surveillance and 100-FR-3 Operable Unit monitoring were added to the Integrated Monitoring Plan for the Hanford Groundwater Monitoring Project (PNNL-11989) in September 1996. Future changes to surveillance monitoring and the 100-FR-3 Change Control Form will be reflected in revisions to the Integrated Monitoring Plan. 3) Data validation will follow requirements outlined in the Integrated Monitoring Plan (PNNL-11989). 4) Analytical change <p>The attached Tables 1 and 2 summarize the changes to 100-FR-3 sampling. Minor modifications to the list of specific wells used and constituents analyzed may occur to meet the changing field conditions and the results of data evaluation.</p>		
Impact of Change <p>The changes continue the trend established in Change Control Form M-15-96-06 to produce a more integrated and cost-effective system. Changes to the monitoring network as a result of excavation in support of remediation are also included. Sample collection efforts will be integrated further under the Integrated Monitoring Plan (PNNL-11989). Where reductions in number of samples, analytes, and frequency of sampling occur, a minimal or negligible loss of relevant information is expected.</p>		
Affected Documents <p>1) Remedial Investigation/Feasibility Study Work Plan for the 100-FR-3 Operable Unit, Hanford Site, Richland, WA; DOE/RL-91-53, September 1992. 2) 100 NPL Agreement/Change Control Form #39, "100-FR-3 Operable Unit Groundwater Monitoring Network," EPA approval December 1992; 3) Federal Facility Agreement and Consent Order Change Control Form, Change Number M-15-96-06.</p>		
Approvals		
M. J. Furman Date	6/23/99 ✓ Approved _____ Disapproved _____	<div style="font-size: 2em; font-weight: bold; border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED </div> MAR 17 2003 EDMC
[Signature] Date	7-14-99 ✓ Approved _____ Disapproved _____	
N/A Date	_____ Approved _____ Disapproved _____	