

TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 543	TPA CHANGE NOTICE FORM	Date: October 31, 2012
Document Number, Title, and Revision: DOE/RL-2008-46-ADD3, <i>Integrated 100 Area Remedial Investigation/Feasibility Study Work Plan, Addendum 3: 100-BC-1, 100-BC-2, and 100-BC-5 Operable Units, Rev. 0</i>		Date Document Last Issued: March, 2010
Originator: Phil Burke		Phone: (509) 376-0023

Description of Change:

This change adds language to DOE/RL-2008-46-ADD3, Rev. 0, to document the investigation of the extent and mobility of the hexavalent chromium contamination in the vicinity of the 100-C-7:1 remedial excavation.

Briant Charboneau DOE-RL and Laura Buelow EPA agree that the proposed change modifies an approved workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.

The following language is added to the bottom of page 4-11, under data gap 1:

In 2012, deep excavation of soil at 100-C-7:1 to just above groundwater identified that some Cr(VI) contamination was still present at the bottom of the excavation. In addition, Cr(VI) concentrations in a down gradient well (B4-14) had started increasing significantly from 40 ug/L in October 2011, to 179ug/L in April 2012. In order to address this emerging condition and clarify the potential extent of groundwater contamination in the area, additional investigation of this Cr(VI) contamination was initiated as described in PNNL-21393, *Sampling Instruction: Investigation of Hexavalent Chromium Flux to Groundwater at the 100-C-7:1 Excavation Site*. The results of this investigation are provided by PNNL-21845, *Investigation of Hexavalent Chromium Flux to Groundwater at the 100-C-7:1 Excavation Site*.

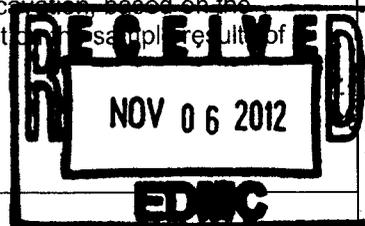
The following references are added to Section 6, References:

PNNL-21393, 2012, *Sampling Instruction: Investigation of Hexavalent Chromium Flux to Groundwater at the 100-C-7:1 Excavation Site*, Pacific Northwest National Laboratory, Richland, Washington.
PNNL-21845, 2012, *Investigation of Hexavalent Chromium Flux to Groundwater at the 100-C-7:1 Excavation Site*, Pacific Northwest National Laboratory, Richland, Washington.

Note: Include affected page number(s)

Justification and Impacts of Change:

DOE-RL and EPA agree that this language is added to the work plan to document the additional efforts to determine the extent and mobility of the hexavalent chromium in the vicinity of the 100-C-7:1 remedial excavation, based on the changing conditions noted during remediation of the waste site and the corresponding effect on the sampling results of downgradient groundwater monitoring.



Approvals:

Briant Charboneau *[Signature]* 10-31-12
 DOE Project Manager Date
Laura Buelow *[Signature]* 11/1/12
 EPA Project Manager Date
 N/A
 Ecology Project Manager Date

Approved Disapproved
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