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TPA-CN-670

**TRI-PARTY AGREEMENT**

Change Notice Number TPA-CN- 670	TPA CHANGE NOTICE FORM	Date: 07/15/2015
Document Number, Title, and Revision: DOE/RL-2009-80, Investigation Derived Waste Purgewater Management Work Plan Revision 0. 0084839		Date Document Last Issued: September 2009
Originator:		

**Description of Change:**

Changes are made to section 4.2.3 (Maintenance of Sediments), section 4.2.6 (Inter-unit Transfers) and to section 6.2.1 (Projected Waste Streams).

M. Cline DOE and D. Einan Lead Regulatory Agency 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*.

Added text is indicated with double underline.

4.2.3 Maintenance of sediments (page 8)

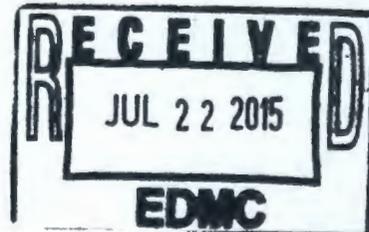
Sedimentation accumulated in the Modular Storage Units must remain wetted at all times to prevent release of potentially contaminated sediments. During warm weather, up to 2.54 cm (1 inch) of water can evaporate every three to four days. Therefore, sediments need to be covered with water to prevent drying out. Raw water may need to be added to prevent exposure of sediments that have accumulated within each unit. Beneficial use of other appropriate water (e.g. Plutonium Finishing Plant Water Wall water) may be used for the same purpose with concurrence from the lead regulatory agency.

4.2.6 Inter-unit Transfers (page 9)

Inter-unit transfers between modular storage Units may be performed if leaks are detected in the primary liner, or if imminent failure of a unit is detected. An inter-unit transfer will be performed by connecting piping to a system that transfers the contents from the leaking unit to another unit, as necessary. Inter-unit transfers may also occur for the purpose of removing contaminant residuals from purgewater (e.g. by filter skid).

6.2.1 Projected Waste Streams (page 12)

- Spent filter resin from removal of purgewater contaminant residuals at the Modular Storage Units.



**Justification and Impacts of Change:**

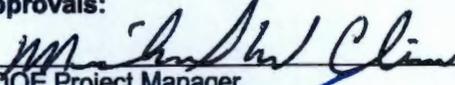
TPA-CN-670

Approximately 20,000 gallons of non-process water, formerly used for shielding in the Plutonium Finishing Plant Water Walls, is available for beneficial use to help keep the accumulating sediment mounds under water.

Treatment to remove contaminant residuals from purgewater at the Modular Storage Units is a best management practice.

Removal of contaminant residuals will occur at a filter treatment skid unit. Resin filters will be used to remove uranium, Tc-99 and other metals having an affinity for the resin.

Approvals:

 DOE Project Manager	<u>7/15/2015</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 EPA Project Manager	<u>7/16/2015</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
N/A Ecology Project Manager	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved