# TRI-PARTY AGREEMENT

| Change Notice Number<br>TPA-CN-449 | TPA CHANGE NOTICE FORM | Date:<br>04/13/2011 |
|---|---|---|
| Document Number, Title, and Revision:<br>**DOE/RL-2009-30, 300 Area Remedial Investigation/Feasibility Study Work Plan**<br>**for the 300-FF-1, 300-FF-2, and 300-FF-5 Operable Units, Rev. 0**<br>0088782 | | Date Document Last Issued:<br>April 2010 |
| Originator J.P. Sands | | Phone: 372-2282 |

**Description of Change:**
Adds text to the 300 Area RI/FS Work Plan regarding an alternative fate and transport model available to use in the 300 Area remedial investigations.

B. L. Charboneau and     L. E. Gadbois (EPA)          agree that the proposed change modifies an
    **DOE**                    **Lead Regulatory Agency**
 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 text is added to the 300 Area Remedial Investigation/Feasibility Study Work Plan, Section 5.6 Task 6-Assessment of Risk:
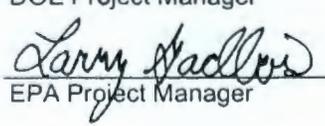
The STOMP modeling code will be used in 300 Areas RI/FS documents to evaluate impacts of vadose zone contaminant concentrations on the groundwater aquifer and the Columbia River. Models will be constructed using a graded approach. Modeling assumptions, methods, and results will be documented in a vadose zone modeling package report, which will be included as an appendix in the 300 Area RI/FS report.

Note: This change is to page 5-8.

**Justification and Impacts of Change:**
This change notice supports the RI/FS process for the 300 Areas and approves the use of the STOMP model as an alternative fate and transport model to establish soil cleanup levels that are protective of groundwater and surface water resources. The modeling results will be used to evaluate the risk of contamination and inform the formulation of appropriate remedy options that will achieve protectiveness of human health and the environment.

Approvals:

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| DOE Project Manager | 9-13-2011<br>Date | ☒ Approved [ ] Disapproved |
| EPA Project Manager | April 14, 2011<br>Date | ☒ Approved [ ] Disapproved |
| NA<br>Ecology Project Manager | Date | [ ] Approved [ ] Disapproved |

A-6005-413 (REV 1)