1220357

TRI-PARTY AGREEMENT

Change Notice Number	TPA CHANGE NOTICE FORM	Date:
TPA-CN- 569		April 23, 2013
Document Number, Title, and Revision:		Date Document Last Issued:
DOE/RL-2001-27, Rev 0, Remedial Design Report/Remedial Action Work Plan for the 100-NR-2 Operable Unit		June 2002
Originator Marty Doornbos		Phone: 376-2980

Description of Change:

Updated monitoring well list in Table A-4 of Appendix A (DOE/RL-2001-27 Rev 0)

Briant Charboneau (**DOE**) and Nina Menard (**Ecology**) 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.*

Note: Include affected page number(s) A-15 (DOE/RL-2001-27 Rev 0)

Justification and Impacts of Change:

This change updates Table A-4 in DOE/RL-2001-27 Rev 0 to include semi-annual sampling at the following groundwater wells and aquifer tubes:

Groundwater Wells		
199-N-96A	199-N-147	199-N-350
199-N-122	199-N-347	199-N-351
199-N-123	199-N-348	199-N-352
199-N-146	199-N-349	199-N-353
Aquifer Tubes		
C5251 NVP2-116.0m	C5258 N116mArray-4A	C5386 APT5
C5255 N116mArray-1A	C5259 N116mArray-6A	C7881
C5256 N116mArray-2A	C5261 N116mArray-8A	
C5257 N116mArray-3A	C5269 APT1	

Sampling of these wells and aquifer tubes is needed to monitor the performance of the 100-NR-2 Operable Unit apatite permeable reactive barrier. This monitoring includes both the original 300-ft-long apatite barrier and the additional 600-ft-long expansion that was completed in 2011.

The revisions to Table A-4 are attached. Added text is identified with double underline.

Approvals:

BRIANT CHARBONEAU [signature]	4-23-2013	[X] Approved [ ] Disapproved
DOE Project Manager	Date	
		[ ] Approved [ ] Disapproved
EPA Project Manager	Date	
Nina M. Menard	4/24/13	[X] Approved [ ] Disapproved
Ecology Project Manager	Date	

100-NR-2

Appendix A Operations and Maintenance Plan

Table A-4. Monitoring Wells, Sampling Schedule, and Constituents. (2 Pages)

Well No.	Sample Frequency	Conductivity	pH	Temperature	Turbidity	Dissolved Oxygen	Oxidation-Reduction	Alkalinity	Anions	ICP-M(F/U)	Oil/Grease	TPH-Diesel	TOC	TOX	Alpha	Beta	Gamma Scan	Strontium- 90	Tritium
199-N-96A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
	A	NR	NR	NR	NR				NR	NR						NR		NR	NR
199-N-122	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-123	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-146	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-147	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-347	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-348	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-349	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-350	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-351	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-352	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
199-N-353	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5251 NVP2-116.0m	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5255 N116mArray-1A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5256 N116mArray-2A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5257 N116mArray-3A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5258 N116mArray-4A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5259 N116mArray-6A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5261 N116mArray-8A	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5269 APT1	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C5386 APT5	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	
C7881	S	AB	AB	AB	AB	AB	AB		AB	AB		AB			AB	AB		AB	

Field parameters: conductivity, pH, temperature, and turbidity
A=annually
S=semiannually
F/U= filtered/unfiltered
AB= apatite barrier
NR= NR-2