Attachment 14, Figure 1

0081501

Tri-Party Agreement

Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:
TPA-CN-219	N/A	05/06/08

Document Number and Title:
SGW-36088, Revision 0, Waste Control Plan for the 200-SC-1 Operable Unit, and *DOE/RL-2007-0-VOL II, Rev. 0, Supplemental Remedial Investigation/Feasibility Study Work Plan for the 200 Area Central Plateau Operable Units, Volume II: Site-Specific Field-Sampling Plan Addenda.*

Date Document Last Issued: January 2008 and December 2007

Originator: J. S. Decker

Phone: 376-4416 or 528-0808

Description of Change: Add one boring at 216-B-55 crib, one boring at 216-T-36 crib and change the analyte list for 216-A-30 crib.

B. L. Charboneau (RL) and C. Cameron (**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.*

Table 3, 200-SC-1 Planned Well List, of *SGW-36088, Revision 0, Waste Control Plan for the 200-SC-1 Operable Unit,* is revised to show the addition of one additional characterization borehole (C6743) at 216-B-55 crib and one direct push technology borehole (C6694) at 216-T-36 crib. Location plats are provided in the attachments.

Table AD1-9, 216-A-30 Crib Sampling Plan, of DOE/RL-2007-02-Vol II, Rev. 0, is revised to show that the split spoon samples shall exclude the sulfide and the "Organics" listed in Table A2-3, Combined List Of Contaminants Of Potential Concern, of DOE/RL-2007-02-Vol I, Rev. 0. The revisions are provided in the attachments.

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Justification and Impacts of Change:

New information suggests that the degree of radiological contamination in 216-T-36 maybe greater than estimated in historical documents. The additional direct push technology borehole at 216-T-36 will verify radiological contamination levels using geophysical logging for health and safety planning purposes. This borehole will be drilled if it is determined that supplemental characterization of 216-T-36 is necessary through the process described in the work plan and sampling and analysis plan for 216-T-36 (DOE/RL-2007-02-VOL II, Rev. 0).

The changes pertaining to 216-B-55 and 216-A-30 implement a characterization recovery plan for the two waste sites. The characterization recovery plan addresses missed sample hold times for some of the samples collected during characterization performed at the two waste sites.

The plan for 216-B-55 is to drill and sample another borehole, C6743, near the inlet of the crib at the expected edge of the crib. The location is perpendicular to the crib centerline by a distance of approximately 11 feet. The additional samples from this location are intended to provide information on the nature and extent of contamination as described in the Rationale for Proposed Supplemental Data Collection Activities (DOE/RL-2007-02-VOL I, Rev. 0, Table C-2). The data from the original characterization borehole and the additional data from the additional borehole will satisfy the requirements of the applicable work plan, and if it is determined that any additional characterization is required, any additional characterization would be pursued through the follow-on DQO process described in the work plan (DOE/RL-2007-02-VOL I, Rev. 0, A2.4.4 Follow-On Data Quality Objectives).

The plan for 216-A-30 is to evaluate the data collected during characterization and determine whether additional characterization is required through the follow-on DQO process described (DOE/RL-2007-02-VOL I, Rev. 0, A2.4.4 Follow-On Data Quality Objectives). In order to satisfy the data collection requirements of the work plan and sampling and analysis plan, the sulfide and organic compounds were deleted from the analyte list for 216-A-30.

*Send approved form to FH TPAI, H8-12, and the Administrative Record, H6-08

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Approvals:				
BSP K. Mitchell Thompson for B. Charboneau RL Project Manager	5/06/08 Date	✓ Approved	__ Disapproved	
Craig Cameron EPA Project Manager (SC-1 OU Lead)	5/6/08 Date	✓ Approved	__ Disapproved	
	____ Date	__ Approved	__ Disapproved	

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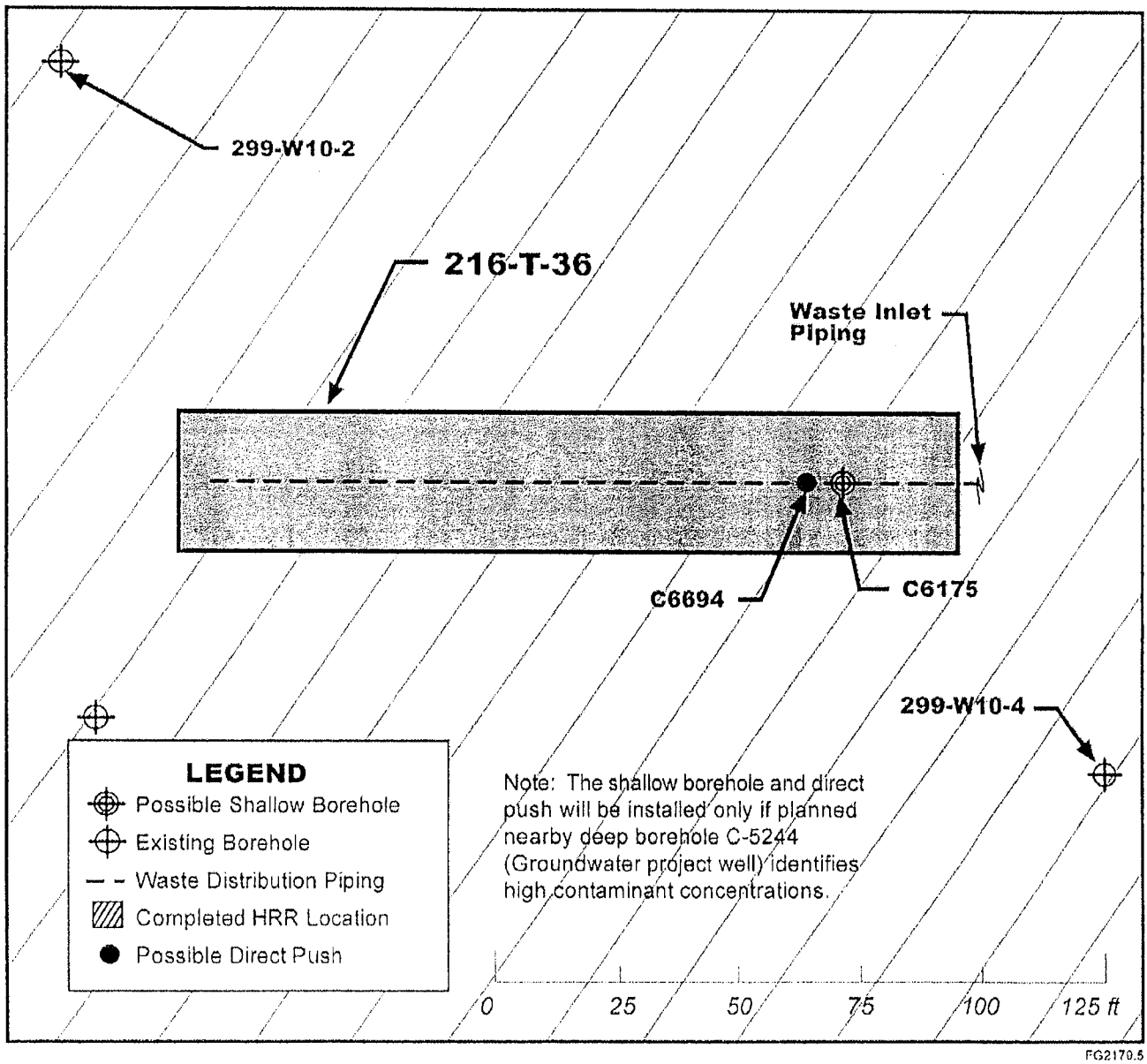
Attachment 1

Figure – 1



Tri-Party Agreement

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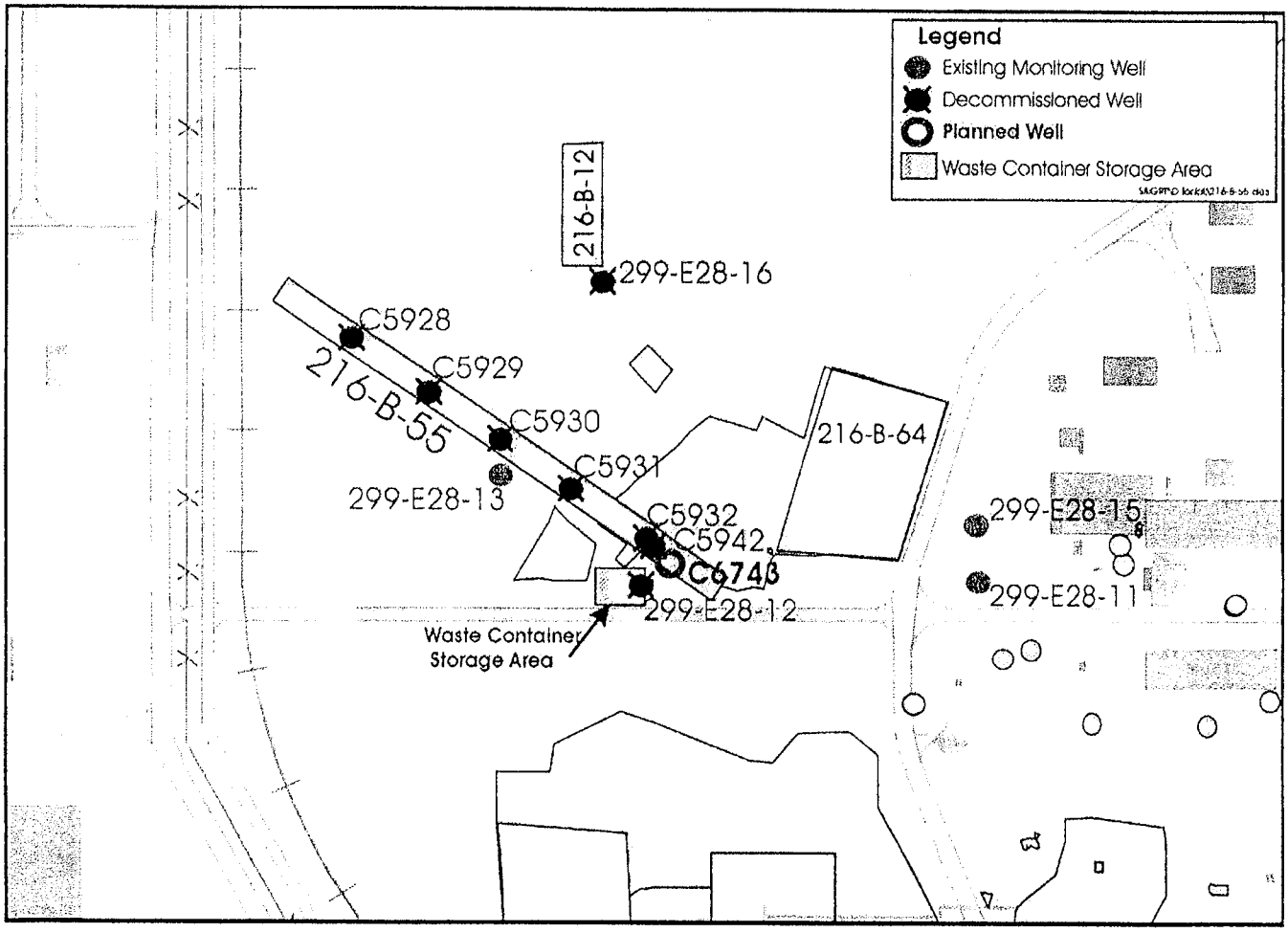
Figure – 2



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DOE/RL-2007-02-VOL II REV 0

Table AD1-9. 216-A-30 Crib Sampling Plan.

Sample Collection Methodology	Sample Location	Maximum Depth of Investigation	Sample Interval Depth (ft bgs) [a]	Analyte List [b]	Physical Properties: Sample Interval	Physical Properties: Parameters
Borehole drilling and sampling	One new borehole near the inlet end of crib	To water table (~275 ft bgs)	Split-spoon sample intervals: 1 – 3.5 ft bgs 3.5 – 6 ft bgs 15 – 17.5 ft bgs 85 – 87.5 ft bgs 122.5 – 125 ft bgs TD (~272.5 – 275 ft bgs)	Analytes are presented in Volume I, Table A2-3, the 200-CW-5, 200-CW-2, 200-CW-4, and 200-SC-1 columns [c].	All split-spoon samples	pH, specific conductance, bulk density, moisture, particle-size distribution
			Collect grab samples every 2.5 ft from depth 15 ft bgs to TD. Perform extraction analysis on grab samples, starting with samples every 10 ft.	See Volume I, Table A2-3	N/A	N/A
Number of split-spoon samples		6				
Approximate number of field quality-control samples [c]		3				
Approximate number of grab samples		105				
Approximate total number of soil samples collected		113				
Approximate total number of soil samples initially analyzed [d]		36				
Non-Sample Data Collection		**Maximum Depth of Investigation**				
Electrical resistivity characterization		Not defined				
Downhole gamma-spectroscopy log, neutron moisture, and passive neutron logs		Surface to TD in new borehole at ~275 ft bgs				

[a] Actual sampling depths may vary depending on the amount of backfill/overburden used in interim-stabilization activities at the waste site, field screening results, and varying subsurface conditions.
[b] See Volume I, Appendix A, Tables A2-1, A2-2, A2-3, and A3-2 for detection limits and other analytical parameters.
[c] One duplicate, one split, and one equipment blank. Field blanks also will be collected for volatile organic analysis, but are not included here.
[d] Samples analyzed include 6 split spoon samples, 27 grab samples, and 3 quality-control samples.
bgs = below ground surface. N/A = not applicable. TD = total depth.
[e] The analyte list shall exclude Sulfide and the "Organics" compounds listed in Volume I, Table A2-3, per Tri-Party Agreement Change Number TPA-CN-219.

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