

**HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER
 INTERAGENCY MANAGEMENT INTEGRATION TEAM (IAMIT)
 DECISION / DETERMINATION / ACTION ASSIGNMENT
 Number: 2018-010**

This form is intended to document the decisions and determinations made by the IAMIT within their authorities under the terms and conditions of the Hanford Federal Facility Agreement and Consent Order. This form is also intended to provide notification, to the affected persons, of the IAMITs decisions / determinations or actions assigned.

SUBJECT Decision: Tri-Party Program Managers' Agreement on the Segmentation¹ of Central Plateau Pipeline Waste Sites Supporting Integrated Environmental Cleanup Response Actions

DECISION

This IAMIT decision documents agreement among Tri-Party Program Managers from the DOE-RL, DOE-ORP, Ecology, and EPA on the segmentation designation criteria and interface criteria for Hanford's Central Plateau pipeline waste sites listed in Appendix C of the Tri-Party Agreement (TPA) Action Plan (see attached).

The segmentation designation criteria build off the Central Plateau Remediation Optimization Study (DOE/RL-2012-33, Rev. 0). This optimization study was conducted to develop an approach to optimize the remediation of areas within the Central Plateau. The study defines a sequence of activities that result in an effective use of resources from a strategic perspective. This optimization study describes how the Hanford Central Plateau was divided into geographic "Implementation Areas," then further subdivided into "Subsequent Units for Individual Development" (SQUIDS). SQUIDS are usually centered around facilities or groups of waste sites, pipelines transect two or more SQUIDS and therefore criteria on how to segment pipelines is necessary.



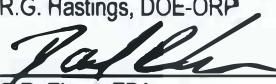
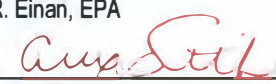
The interface criteria will be used as the projects are nearing remedy evaluations and will be implemented no later than alternative evaluations (e.g., FS, CMS) in support of remedy selection in the appropriate decision documents. The Tri-Parties will initiate discussions on the implementation timing of this criteria.

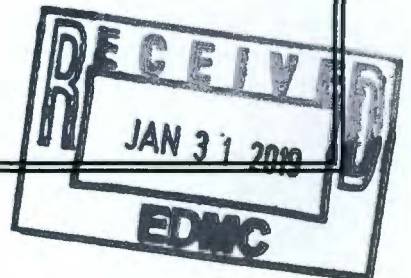
¹Segmentation is an administrative process and does not imply any physical action, such as conducting cleanup in a SQUID. It is standard for a Remedial Action Work Plan to discuss the physical processes associated with remedy implementation and activity sequencing.

IS THIS DECISION / DETERMINATION / ACTION ITEM

FINAL INTERIM (Further action to be taken)

IAMIT MEMBER APPROVALS

	1/31/19
W.F. Hamel, DOE-RL	Date
	1/31/19
R.G. Hastings, DOE-ORP	Date
	1/24/19
U.R. Einan, EPA	Date
	1/31/19
A.K. Smith, Ecology	Date



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The following defines the pipeline segmentation designation criteria:

1. The general naming convention for each newly segmented child pipeline waste site includes an alphabetical suffix, generally starting from a facility (Figure 1).

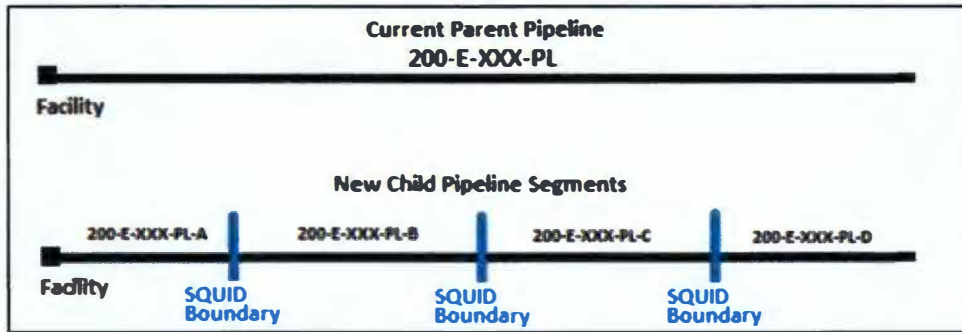


Figure 1. General Segmentation Naming Convention

2. A portion of a parent pipeline waste site extending ≤ 1 m (~ 39 in) from one SQUID into another is not segmented. For example, the small section of 200-E-154-PL crossing ≤ 1 m (~ 39 in) into the C Farm-2 SQUID is not segmented (Figure 2).

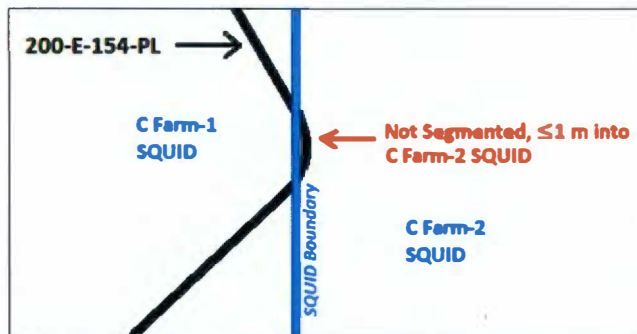


Figure 2. No Segmentation for Small Sections of Pipeline

3. A portion of a parent pipeline waste site lying within a Waste Management Area (WMA) remains part of the WMA. The '-A' suffix is reserved for future use, should the need arise (Figure 3).

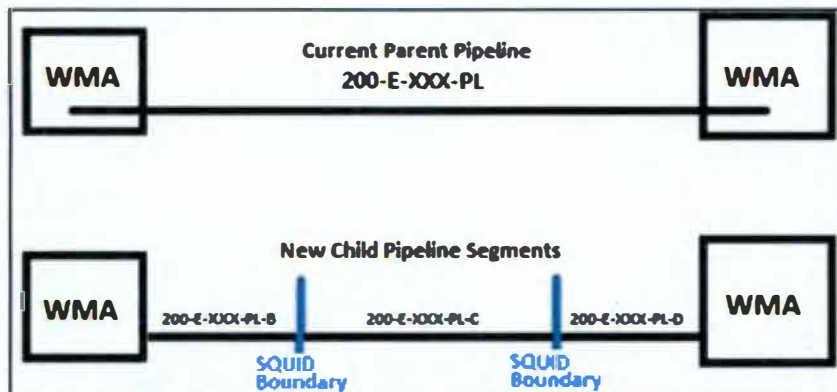


Figure 3. Segmentation for Pipelines Associated with WMAs

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4. Parent pipeline waste sites near U Canyon may include an '-X' child pipeline waste site between the U Canyon Boundary and the Conceptual U Canyon Surface Barrier (Figure 4).

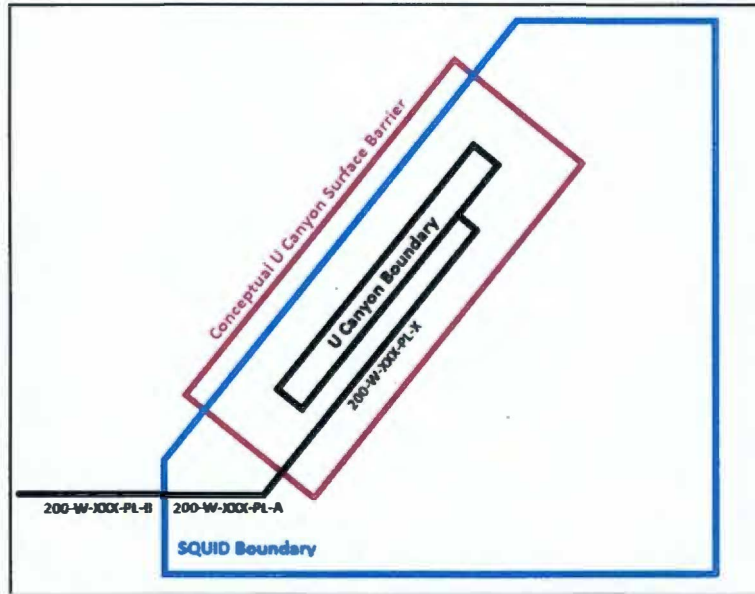


Figure 4. Segmentation for Pipelines near U Canyon

5. In 2011, some pipeline waste sites were initially segmented and renamed to accommodate Central Plateau Outer Area environmental cleanup under the American Recovery and Reinvestment Act. The '-A' suffix was added to portions of pipeline waste sites in the Outer Area. The '-B' suffix was added to portions of pipeline waste sites in the Inner Area. In this change control form, Inner Area pipelines with the '-B' suffix are further subdivided into child pipeline waste sites at SQUID boundaries (Figure 5).

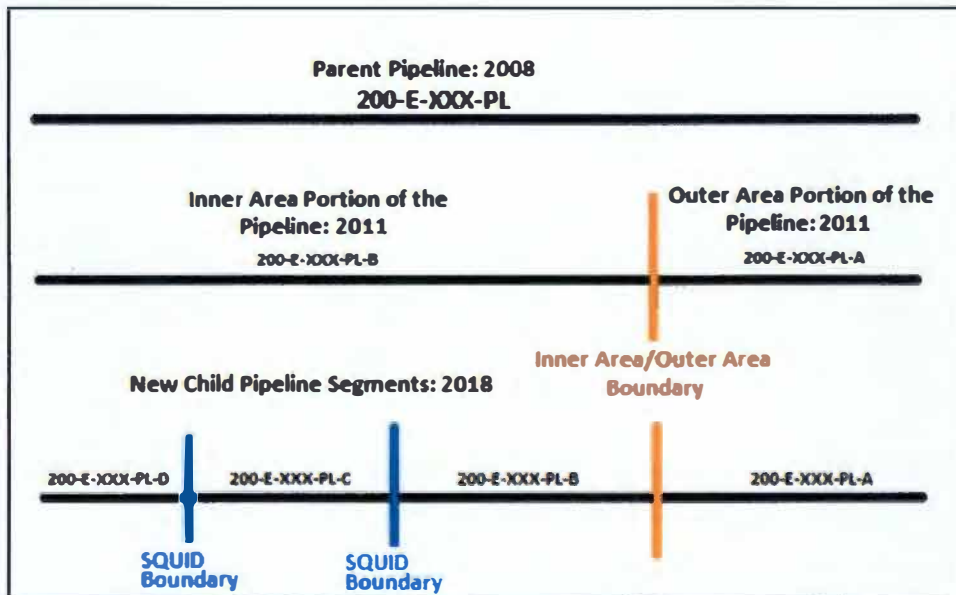


Figure 5. Segmentation for Pipelines Originally Segmented in 2011

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The following defines the pipeline interface criteria:

When a pipeline interface is identified during the remedy evaluation phase (e.g, feasibility study, corrective measure study), the following criteria will be used to segment the pipeline at this interface:

1. When excavation is the proposed remedial alternative:
 - a. The section of a pipeline waste site within approximately 25 feet of the associated waste site (e.g., crib, trench, ditch) will be removed as part of the associated waste site's excavation. This pipeline section may become a sub-site of or merged with the associated waste site ². The pipeline section length may be dependent upon local interfaces (e.g., junction box proximity, roads, pipe bends).

2. When surface barrier is the proposed remedial alternative:
 - a. The section of a pipeline waste site within approximately 25 feet of the associated waste site that will be covered with the associated waste site's surface barrier. This pipeline section may become a sub-site of or merged with the associated waste site ². The pipeline section length may be dependent upon pipeline depth and surface barrier configuration (e.g., side slopes, barrier horizontal extent).
 - b. Pipeline waste sites near canyons or other facilities will follow the segmentation designation criteria #4 (described above).
 - c. Pipeline wastes sites located under the Waste Management Area surface barrier, but outside the current WMA boundary, will be either segmented as a sub-site or merged with the Waste Management Area.

²Pipeline segments 'unassociated' with a waste site that did not carry waste to or from the waste site but lie within 25 feet of it and may also require segmentation to implement a remedy.