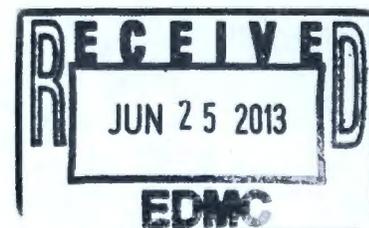


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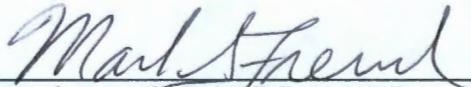
## 100/300 AREA UNIT MANAGER MEETING ATTENDANCE AND DISTRIBUTION

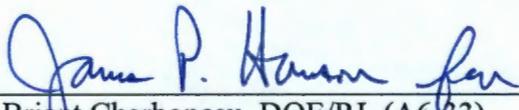
NAME	E-MAIL ADDRESS	MSIN	COMP
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French, Mark	Mark_S_French@rl.gov	A6-38	DOE
Menard, Nina	NMEN461@ECY.WA.GOV	H0-57	ECO
Gadbois, Larry E	Gadbois.larry@epa.gov	B1-46	EPA
Hadley, Karl A	karl.hadley@wch-rcc.com	H4-21	WCH

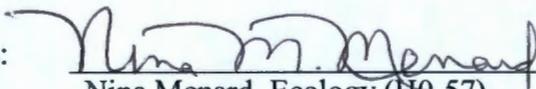


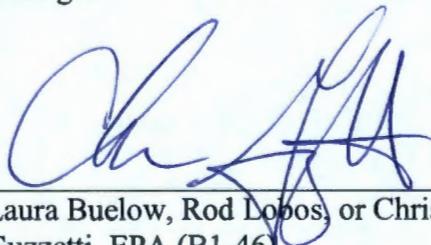
100/300 AREA UNIT MANAGERS MEETING  
APPROVAL OF MEETING MINUTES

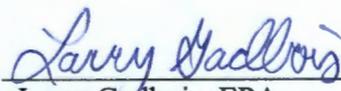
May 9, 2013

APPROVAL:  Date 6/13/13  
Mark French, DOE/RL (A3-04)  
River Corridor Project Manager

APPROVAL:  Date 6/13/13  
Briant Charboneau, DOE/RL (A6-33)  
Groundwater Project Manager

APPROVAL:  Date 6/13/13  
Nina Menard, Ecology (H0-57)  
Environmental Restoration Project  
Manager

APPROVAL:  Date 6/13/13  
Laura Buelow, Rod Lobos, or Christopher  
Guzzetti, EPA (B1-46)  
100 Area Project Manager

APPROVAL:  Date June 13 '13  
Larry Gadbois, EPA  
(B1-46)  
300 Area Project Manager

## 100 & 300 AREA UNIT MANAGER MEETING MINUTES

**Groundwater and Source Operable Units; Facility Deactivation, Decontamination, Decommission, and Demolition (D4); Interim Safe Storage (ISS); Field Remediation (FR); Mission Completion; and 100-K Sludge Treatment Project and 100-K Facility Demolition and Soil Remediation projects**

May 9, 2013

### ADMINISTRATIVE

- Next Unit Manager Meeting (UMM) – The next meeting will be held June 13, 2013, at the Washington Closure Hanford (WCH) Office Building, 2620 Fermi Avenue, Room C209.
- Attendees/Delegations – Attachment A is the list of attendees. Representatives from each agency were present to conduct the business of the UMM.
- Approval of Minutes – The April 11, 2013, meeting minutes were approved by the U.S. Environmental Protection Agency (EPA), Washington State Department of Ecology (Ecology), and U.S. Department of Energy, Richland Operations Office (RL).
- Action Item Status – The status of action items was reviewed and updates were provided (see Attachment B).
- Agenda – Attachment C is the meeting agenda.

### EXECUTIVE SESSION (Tri-Parties Only)

An Executive Session was not held by RL, EPA, and Ecology prior to the May 9, 2013, UMM.

### 100-K AREA (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. Attachment 3 provides a schedule for Field Remediation at the 100-K Area. Attachment 4 provides a status of the 100-K Sludge Treatment Project and the 100-K Facility Demolition and Soil Remediation projects. No issues were identified and no agreements or action items were documented.

### 100-F & 100-IU-2/100-IU-6 AREAS (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. Attachment 5 provides the Field Remediation Schedule for IU-2/6. No issues were identified and no action items were documented.

Agreement 1: Attachment 6 provides EPA's concurrence with setting up a temporary container transfer area at the borrow pit near the 100 Area Hanford Fire Station (Pit 23) to support work at 600-370.

### **100-D & 100-H AREAS (GROUNDWATER, SOILS, D4/ISS)**

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. Attachment 7 provides the Field Remediation Schedule for 100-D and 100-H. Attachment 8 provides status and information for D4/ISS activities at 100-N, 100-D and 100-B. No issues were identified and no action items were documented.

Agreement 1: Attachment 9 provides Ecology's concurrence with the addition of 100-D-104 to the scope of the 100-D Air Monitoring Plan.

### **100-N AREA (GROUNDWATER, SOILS, D4/ISS)**

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. Attachment 8 provides status and information for D4/ISS activities at 100-N, 100-D and 100-B. Attachment 10 provides the 100-N Area FR Schedule. No issues were identified.

Action Item 1: DOE will sample the C7935 and C7936 aquifer tubes at 100-N Area in August 2013. If the sample results are high or inclining, or if the sample results are not available, the samples will be repeated in September 2013.

Action Item 2: At the next UMM, the 1908-N Outfall will be shown on Figure NR2-1 of the Groundwater handout.

Agreement 1: Attachment 11 provides the approved TPA Change Notice TPA-CN-561 revising DOE-RL-96-17, Remedial Design Report/Remedial Action Work Plan for the 100 Area, Rev. 6, to make the document consistent regarding staging and management of land disposal restricted waste.

Agreement 2: Attachment 12 provides Ecology's and DOE's concurrences with placing smaller CERCLA warning signs at the entrances to sites 600-340 and 628-2 to be consistent with a similar agreement with EPA of IU-2/IU-6 sites.

Agreement 3: Attachment 13 provides Ecology's and DOE's concurrences with setting up a temporary container transfer area near the 100-N Area Fire Station to support remediation of 600-340 and 628-2.

### **100-B/C AREA (GROUNDWATER, SOILS, D4/ISS)**

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. Attachment 8 provides status and information for D4/ISS activities at 100-N, 100-D and 100-B. Attachment 14 provides a schedule for Field Remediation at 100-B/C Area. No issues were identified and no agreements or action items were documented.

### **300 AREA – 618-10/11 (GROUNDWATER, SOILS)**

Attachment 1 provides status and information for groundwater. Attachment 2 provides status and information for Field Remediation activities. No issues were identified and no agreements or action items were documented.

**300 AREA - GENERAL (GROUNDWATER, SOILS, D4/ISS)**

Attachment 1 provides status and information for groundwater. Attachment 15 provides status of the 300 Area Closure Project activities. No issues were identified and no agreements or action items were documented.

**MISSION COMPLETION PROJECT**

Attachment 16 provides status and information regarding the Long-Term Stewardship, the 100-K Shoreline Characterization Sample Design, and a Document Review Look-Ahead. No issues were identified and no agreements or action items were documented.

**5-YEAR RECORD OF DECISION ACTION ITEM UPDATE**

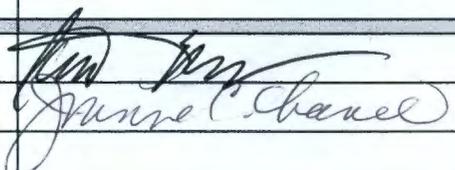
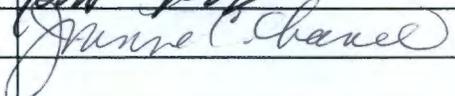
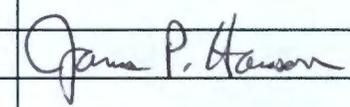
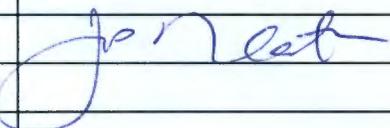
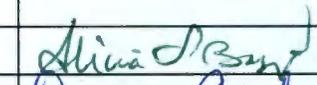
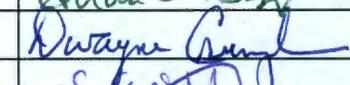
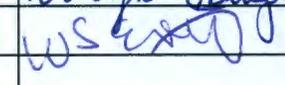
No changes were reported to the status of the CERCLA Five-Year Review action Items. No issues were identified and no agreements or action items were documented.

# Attachment A

100/300 AREA UNIT MANAGER MEETING

ATTENDANCE AND DISTRIBUTION

May 9, 2013

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# Attachment B

100/300 Area UMM  
Action List  
May 9, 2013

Open (O) Closed (X)	Action No.	Co.	Actionee	Project	Action Description	Status

# Attachment C

100/300 Area Unit Manager Meeting  
May 9, 2013  
Washington Closure Hanford Building  
2620 Fermi Avenue, Richland, WA 99354  
Room C209; 2:00p.m.

**Administrative:**

- Approval and signing of previous meeting minutes (April 11, 2013)
- Update to Action Items List
- Next UMM (6/13/2013, Room C209)

**Open Session: Project Area Updates - Groundwater, Field Remediation, D4/ISS:**

- 100-K Area (Jim Hanson, Jamie Zeisloft, Roger Quintero)
- 100-F & 100-IU-2/6 Areas (Greg Sinton, Tom Post, Jamie Zeisloft)
- 100-D & 100-H Areas (Jim Hanson, Tom Post, Elwood Glossbrenner)
- 100-N Area (Joanne Chance, Rudy Guercia, Mike Thompson)
- 100-B/C Area (Greg Sinton, Tom Post)
- 300 Area - 618-10/11 exclusively (Jamie Zeisloft)
- 300 Area (Mike Thompson/Rudy Guercia)
- Mission Completion Project (Jamie Zeisloft)

**Special Topics/Other**

- 5-Year Record of Decision Action Item Update (Jim Hanson)

**Adjourn**

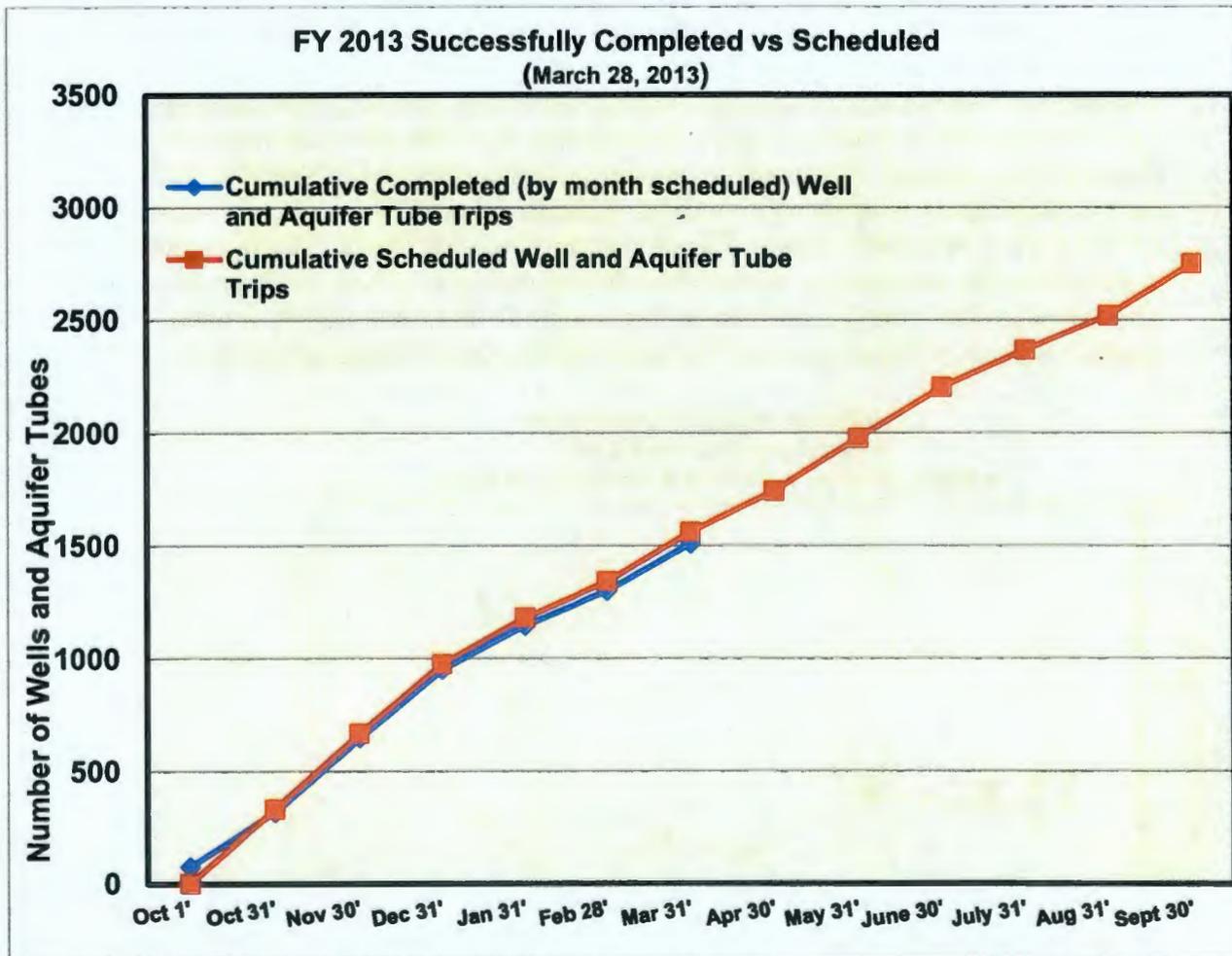
# Attachment 1

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

**General information on Groundwater Sampling**

Sampling commenced for FY 2013 in October and progress against the plan is shown in Figure 1. During April, the samples completed versus samples scheduled was 1,732 scheduled and 1,678 were successfully completed. Of the 54 total wells not completed, 48 are on the well maintenance/repair and/or access list. The specific well IDs successfully sampled in April are presented in the **Summary of Wells & Aquifer Tubes Sampled in the River Corridor Areas During April 2013** table at the end of this report.

The sampling results are accessible from the *Environmental Dashboard* which can be accessed from the HLAN at (<http://environet.hanford.gov/eda/>).



**Figure 1- Sample Collection versus Plan for 2013**

**General Information on Annual Reports**

The 2012 Annual Groundwater Monitoring and the 2012 Annual Pump-and-Treat reports are in progress.

**100-FR-3 Groundwater Operable Unit – Phil Burke / Mary Hartman**

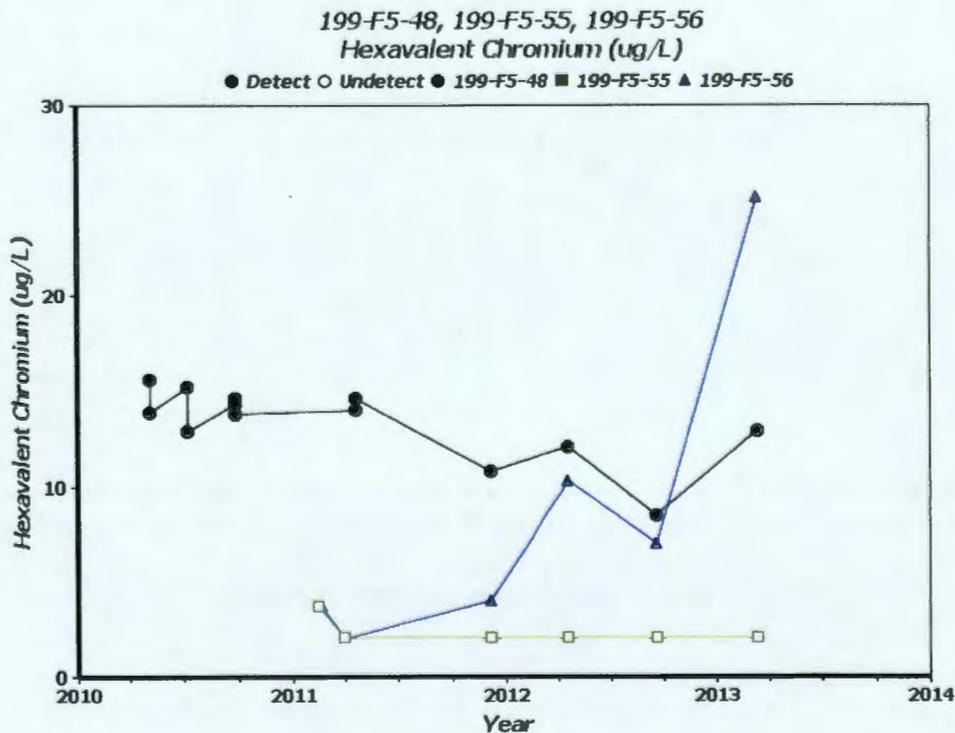
(M-015-64-T01, 12/17/2011, Submit CERCLA RI/FS Report and Proposed Plan for the 100-FR-1, 100-FR-2, 100-FR-3, 100-IU-2, and 100-IU-6 Operable Units for groundwater and soil.)

*Schedule Status – Completed on December 20, 2012.*

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

**CERCLA Process Implementation:**

- RI/FS & PP: The Draft A documents were transmitted on December 20, 2012.
  - The Team is in the process of revising the draft Rev 0 RI/FS and PP to address EPA comments.
  - The Team has completed the steps necessary to incorporate the IRIS updates and calculations have been performed to determine the revised PRGs.
- Cutoff date for inclusion of waste sites into the RI/FS was extended to March 30, 2013. As a result, 27 additional wastes sites have completed remediation and will be evaluated in the RI/FS. Data for these waste sites is being processed, incorporated into the database and QC'd. Upon completion of the data QC, these new waste sites and previous sites included in the RI/FS will undergo comparison to the set of revised PRGs. Comparison to the revised PRGs is anticipated to be completed by May 2013. Monitoring and Reporting:
  - Data were loaded for three wells sampled in March (the only wells scheduled for semiannual sampling).
  - Strontium-90 and nitrate concentrations remained within previously established ranges.
  - Cr(VI) concentration rose to 25 µg/L in temporary well 199-F5-56, located south of F Reactor. We increased the sampling frequency at this well and at 199-F5-48 (NE of reactor building) to semiannual to look for potential impacts from last year's remediation of 100-F-57, north of the reactor. The rise in Cr(VI) at 199-F5-56 could be related to that remediation; the direction of groundwater flow in this area is variable through the year. Another possible cause is a response to last summer's high water table. In either case, the increase is likely to be temporary. The wells will be sampled again in October.



**100/300 Areas Unit Managers Meeting**  
**May 09, 2013**

**100-HR-3 Groundwater Operable Unit – Bert Day / Bill Barrett / Kris Ivarson**

- **Project Management**
  - 183-H: A meeting is scheduled for May 9 to further discuss the regulatory path forward.
  - WCH Field Remediation Integration:
    - 100-D/H Well Decommissioning and Replacement
      - Wells 199-D5-145 (C8725), 199-D5-148 (C8728), 199-D5-146 (C8726), 199-D5-147 (C8727), 199-H4-85 (C8723), and 199-H4-86 (C8724) are being added to the well access list.
      - Based on preliminary Cr(VI) results for well 199-H4-86, extraction from this well is being considered.
      - Wells 199-H4-7, 199-H4-9, 199-H4-48, and 199-H4-14 are planned for decommissioning in mid-May for WCH remediation activity in the area. They are to be sampled prior to decommissioning.
    - Conveyance Line Relocation
      - Reroute of HDPE lines and instrument lines were completed for the five HX injection wells (199-H6-2, H4-18, -71, -72, -73) and the three HX extraction wells (199-H4-63, -69, -70).
- **CERCLA Process Implementation:**
  - RI/FS & PP
    - RL submitted a letter requesting an extension for comment response and plan for document updates to Ecology on April 10, 2013, in accordance with Section 9.2 of the Hanford Federal Facility Agreement and Consent Order. The letter specifically requested a 90-day extension (July 11, 2013) to provide Ecology with this information.
    - Provided responses and draft text revisions for 78 comments to Ecology on April 30. Conducted resolution meeting on May 2, 2013. As of May 7, 72 comments are resolved and revisions accepted with no further actions. The remaining six are still open.
    - Provided draft responses to 56 comments related to Modeling (VZ General, VZ Input, VZ chromium sorption, VZ Graded Approach, and VZ recharge) to Ecology on April 30, 2013. Conducted initial discussions with Ecology on this comment set on May 6, 2013. Document updates will be initiated on the conceptually agreed upon and closed resolutions. Several comment responses require further discussions or were not addressed due to time constraints. A follow-up meeting will be scheduled.
  - Interim Action RD/RAWP & Monitoring Plan
    - Conducted RD/RAWP storyboard with Ecology on April 11, 2013. Obtained general concurrence on the outline and associated content. Reviewed problem statements and principal study questions.
- **Remedial Actions:**
  - Operations continue at DX and HX pump-and treat system. April 2013 performance:
    - The systems treated 51.6 million gallons
    - The system removed 44.6 kg of hexavalent chromium
- **Monitoring & Reporting**
  - A detection of gross beta was confirmed in Well 199-D5-93. As a result, several wells in the vicinity are being sampled for gross beta and a suite of beta emitters. Analytical results have been received for three of the wells sampled in the vicinity. No indication of contamination was identified. The results are still pending for the remaining two wells.

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

- Well Realignment:
  - The OTP for wells 199-D8-53 and 199-D8-68 were worked this last month and 199-D8-53 is now on line and operating at 16 gpm. The OTP work for Well 199-D8-68 is currently on hold while operations troubleshoots a failed MOV inside the transfer building. The addition of these wells to the DX system will improve the hydraulic containment of the plume and protect the Columbia River.
  - Injection Well 199-H4-14 has been shut off, the piping has been removed, and the well was sampled in anticipation of decommissioning. The injection well will be decommissioned in order to allow for ongoing WCH remediation activity.

**100-NR-2 Groundwater Operable Unit – Marty Doornbos / Virginia Rohay**

(M-015-62-T01, 9/17/2012, Submit a Feasibility Study [FS] Report and Proposed Plan [PP] for the 100-NR-1 and 100-NR-2 Operable Units including groundwater and soil.)

*Schedule Status – Tentative agreement has been reached to change the TPA milestone to June 30, 2013 for delivery of the 100-NR-2 OU Draft A RI/FS Report and Proposed Plan to Ecology.*

- CERCLA Process Implementation
  - Preparation of the Draft A RI/FS report and proposed plan is underway with the documents on schedule to be provided to Ecology for their review by June 28, 2013.
- Apatite PRB Performance Monitoring
  - The Fall 2012 concentrations, and the percent reduction in strontium-90 concentration based on comparison of the Fall 2012 concentrations to the maximum baseline concentrations, are provided in Table 1 (note added to identify DWS for strontium-90).
  - TPA Change Notice TPA-CN-569 was approved in April 2013 to add semi-annual sampling at barrier monitoring wells to the Remedial Design Report/Remedial Action Work Plan for 100-NR-2 (DOE/RL-2001-27, Rev. 0)
  - The next sampling at the Apatite PRB monitoring wells is scheduled for May 2013 (wells 199-N-96A, N-122, N-123, N-146, N-147, N-347, N-348, N-349, N-350, N-351, N-352, N-353).
- 100-NR-2 Monitoring
  - As of March 28, 2013, samples have been collected at all 20 wells scheduled for sampling in March 2013. Three wells (199-N-186, 199-N-187, 199-N-188) are scheduled for sampling in June 2013. All wells are scheduled for sampling in September 2013.
- RCRA Monitoring
  - The wells at RCRA sites 116-N-1, 120-N-1, and 116-N-3 were sampled in March 2013. The next sampling events at these sites are scheduled for September 2013.
- 100-N aquifer tubes
  - Four tubes (N116mArray-3A, N116mArray-4A, N116mArray-6A, and NVP2-116.0) are sampled monthly. The April sampling event occurred on April 15, 2013.
  - As of April 30, 2013, samples have been collected at 28 of the 30 tubes scheduled for sampling in March 2013. One tube (C6135) could not be sampled because it was decommissioned; one tube (116mArray-12A) had no yield.
  - Samples collected from aquifer tubes C7935 and C7936 on 12/11/12 contained concentrations of tritium (29,000 pCi/L and 25,000 pCi/L, respectively) that exceeded the drinking water standard (20,000 pCi/L). These two tubes are the mid-depth and deep tubes in a cluster of three near the 1908-N Outfall near the reactor building (Figure NR2-1). The tritium concentration did not exceed the DWS in the shallow tube. Laboratory reanalysis confirmed the elevated December 2012 results. The two tubes were re-sampled on 03/25/13 as part of the evaluation of the concentration increase. The March concentrations of tritium (50,000 pCi/L and 32,000 pCi/L, respectively) exceeded the

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

December concentrations (Figure NR2-2). These aquifer tubes are scheduled for sampling in December 2013. The increase in the tritium concentrations in the aquifer tube samples may be existing contamination that was mobilized by the application of water for dust suppression during nearby field activities in 2012 and 2013.

**Table 1. Performance Monitoring at the Apatite Permeable Reactive Barrier, 100-NR-2 OU**

Upstream Apatite PRB				
	199-N-96A	199-N-347	199-N-348	199-N-349
Baseline (maximum)	37.9	7.0	1800.0	230.0
Sr-90 Concentration (pCi/L) Fall 2012	4.6	10.0	88.0	50.0
Percent Reduction <sup>a</sup>	88	-43	95	78
Central (Original) Apatite PRB				
	199-N-122	199-N-123	199-N-146	199-N-147
Baseline (maximum)	4530.0	1180.0	985.0	1842.0
Sr-90 Concentration (pCi/L) Fall 2012	900.0	230.0	330.0	300.0
Percent Reduction <sup>a</sup>	81	81	66	84
Downstream Apatite PRB				
	199-N-350	199-N-351	199-N-352	199-N-353
Baseline (maximum)	240.0	350.0	580.0	83.0
Sr-90 Concentration (pCi/L) Fall 2012	26.0	29.0	29.0	3.4 U
Percent Reduction <sup>a</sup>	89	92	95	100
Drinking Water Standard for Sr-90 is 8 pCi/L.				
a – Percent reduction in Sr-90 concentration from maximum baseline to Fall 2012				



**100/300 Areas Unit Managers Meeting**  
**May 09, 2013**

**100-KR-4 Groundwater Operable Unit – Bert Day / Bill Barrett / Chuck Miller**

- Project Management
  - Conducted EPA status meeting on May 7, 2013; reviewed current project status over the previous month.
- CERCLA Process Implementation:
  - RI/FS and Proposed Plan: Production of both documents is on hold until path forward is agreed to by RL and EPA.
  - Monitoring Plan: Progress continues on development of the consolidated groundwater monitoring plan for 100-KR-4 OU.
  - Remedial Design/Remedial Action Work Plan: Work is underway on preparation of a revised, consolidated RD/RAWP for the 100-KR-4 OU interim groundwater remedial action.
- Remedial Actions:
  - Operations continue at KX, KR4, and KW pump-and-treat systems. April 2013 performance:
    - The systems treated 47.4 million gallons.
    - The system removed 4.51 kg of hexavalent chromium

**100-BC-5 Groundwater Operable Unit – Phil Burke/ Mary Hartman**

- (M-015-79, 12/15/2016), Submit CERCLA RI/FS Report and Proposed Plan for the 100-BC-1, 100-BC-2 and 100-BC-5 Operable Units for groundwater and soil.)  
*Schedule Status – On Schedule.*
- CERCLA Process Implementation:
- Work Plan and SAP Updates: TPA Change Notice for existing RI/FS Work Plan and SAP:
  - RL submitted both Work Plan and SAP TPA-CN on January 28, 2013. EPA provided comments on March 8, 2013.
- A conference call was conducted with EPA on March 27, 2013 to discuss the comments and the path forward for the Work Plan and SAP addendums. The Team revised the documents and submitted a revised redlined version for RL review on April 8, 2013. RL comments were received on April 22, 2013; the team is adjudicating comments and preparing for submittal to the regulatory agencies the week of May 6, 2013.
- Official contract direction via Modification has been provided and the scope of the change order is to install the well and aquifer tube network and perform sampling required by the Work Plan and SAP TPA change notices discussed above.
- Activities associated with the drilling and aquifer tube installation consisted of the following activities:
  - RFPs to Drillers—RFP is being revised to reflect strategies, priorities and sequencing for well installation. RFPs were sent the week of April 29, 2013. Responses from bidders will be due Mid-May.
  - Cultural Clearances for drilling locations—Cultural Clearances and SHPO reviews are underway and anticipated to be completed on or before May 8th, 2013
  - Roads and Pads—preparation for construction of roads and pads to the drill sites is underway and field activities are anticipated to begin end of May
  - Permits—Excavation permits are underway and expected to be submitted shortly after completion of the Cultural review clearances.
  - Planning activities for the specialized Isotopic Hex Chrome analysis, continuous sampling devices for aquifer tubes and field screening are underway.

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

- Monitoring & Reporting
  - Monthly wells 199-B4-14 and 199-B5-6 were sampled in April; data are not yet available.

**300-FF-5 Groundwater Operable Unit – Marty Doornbos/Virginia Rohay**

- RI/FS report (DOE/RL-2010-99) Draft A delivered to EPA and Ecology on December 27, 2011.
  - The RI/FS report has been finalized as Rev 0. The Draft A RI/FS Addendum was submitted to EPA on April 24, 2013 for review. This addendum includes an additional remedial alternative for the uranium contaminated groundwater and updates the PRGs based upon the latest EPA toxicity information.
- Proposed Plan (DOE/RL-2011-47) Draft A delivered to EPA and Ecology on December 27, 2011.
  - The draft Rev. 0 Proposed Plan was provided to RL and EPA for final checking on November 8, 2012. The draft Rev. 0.H Proposed Plan was provided to RL on April 30, 2013 for review.
  - The public comment period has been tentatively identified for June 2013.
- The 300-FF-5 Groundwater OU includes the groundwater impacted by releases from waste sites associated with three geographic subregions: 300 Area Industrial Complex, 618-11 Burial Ground, and 618-10 Burial Ground/316-4 Cribs. Principal controlling documents are:
  - 300-FF-5 OU operations and maintenance plan (DOE-RL-95-73, Rev. 1, 2002)
  - 300-FF-5 OU sampling and analysis plan (DOE/RL-2002-11, Rev. 2, 2008)
  - 300 Area RI/FS work plan (DOE/RL-2009-30, Rev. 0, 2010)
  - 300 Area RI/FS sampling and analysis plan (DOE/RL-2009-45, Rev. 0, 2010).
- 300 Area Industrial Complex — The next sampling event is scheduled for June 2013.
- 618-11 Burial Ground — Tritium, nitrate, and gross beta results for the sample collected on October 18, 2012 at well 699-13-3A, next to the eastern fence line of the Burial Ground, are consistent with previous concentrations (Figure 300FF5-1). Well 699-13-3A was sampled on January 23, 2013; results for tritium and gross beta are consistent with previous concentrations; the sample was not analyzed for technetium-99. Well 699-13-3A is scheduled for sampling for tritium and technetium-99 in the April-June 2013 quarter.
- 618-10 Burial Ground/316-4 Crib — Groundwater data from June 2012, January 2013, and February 2013 at well 699-S6-E4L near the 618-10 Burial Ground showed increased concentrations of uranium and of magnesium and calcium (common soil fixatives) (Figure 300FF5-2). The increases in uranium concentrations may be associated with the excavation activities that began in March 2011 at some of the trenches in the burial ground. Well 699-S6-E4K also was sampled on February 26, 2013. Results for uranium, magnesium, and calcium were consistent with previous results. Both wells are scheduled for sampling in June 2013. (no change)
- RCRA Monitoring – 300 Area Process Trenches (316-5)
  - The March 2013 sampling at the RCRA site 300 Area Process Trenches was conducted on 03/06/13. The next sampling event is scheduled for June 2013.

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

- 300 Area Aquifer Tubes
  - Twenty-two 300-FF-5 aquifer tubes were sampled as scheduled in March 2013.

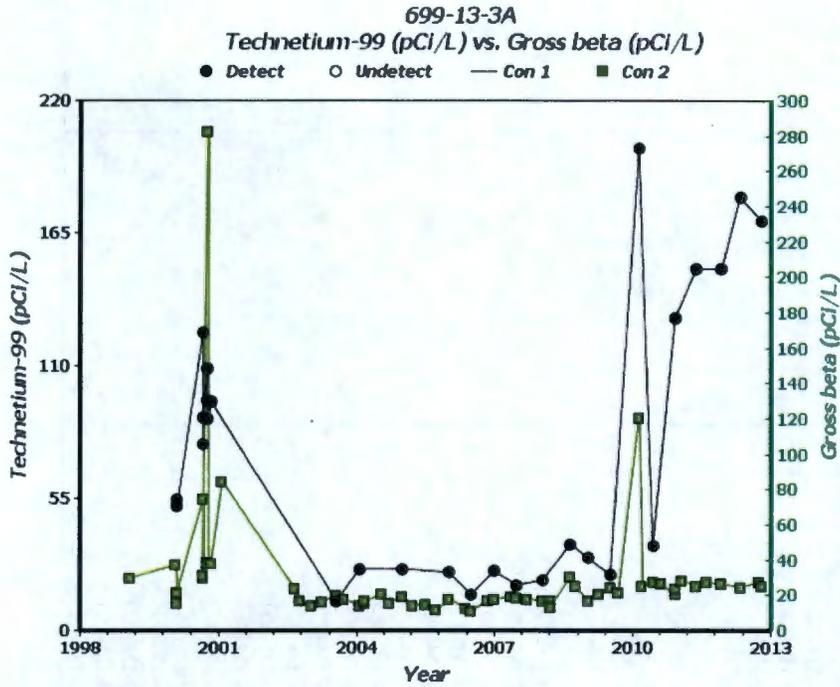


Figure 300FF5-1. Technetium-99 and Gross Beta Trends (through October 18, 2012) at Well 699-13-3A at the 618-11 Burial Ground.

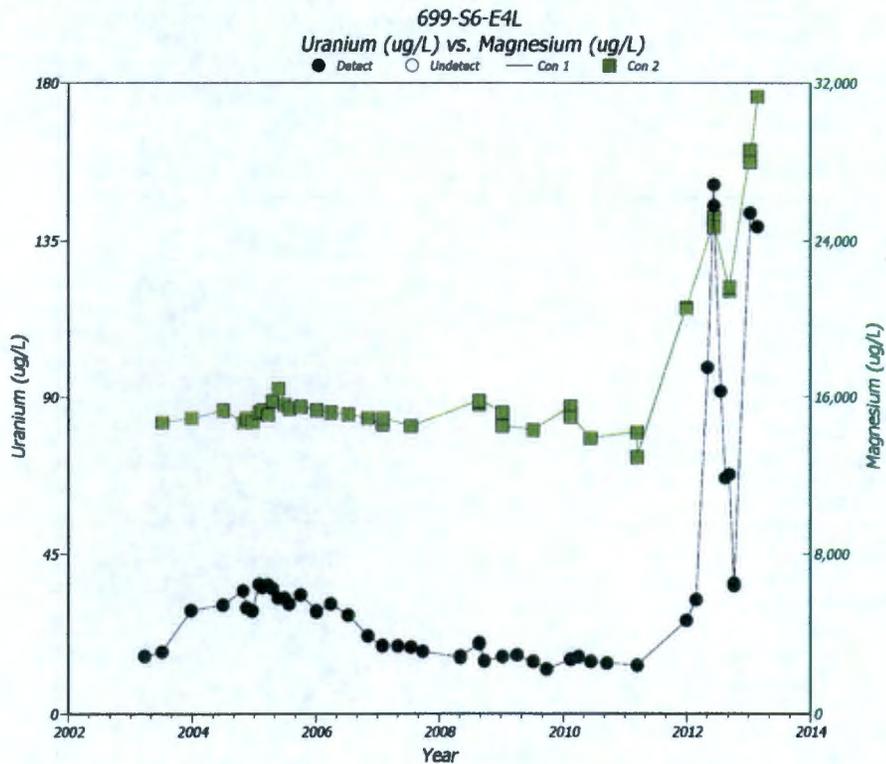


Figure 300FF5-2. Uranium and Magnesium Trends (through February 26, 2013) at Well 699-S6-E4L at the 618-10 Burial Ground.

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

**Summary of Wells & Aquifer Tubes Sampled in the River Corridor Areas During April 2013**

<b>Week</b>	<b>100-BC</b>	<b>100-K</b>	<b>100-N</b>	<b>100-D/H</b>	<b>100-F</b>	<b>300 Area</b>
<b>01-05 Apr 13</b>		C7642 C7643 C7641 199-K-130 199-K-173 199-K-166 199-K-165 199-K-152				699-S6-E4A 699-13-1E 699-13-2D
<b>06-12 Apr 13</b>	199-B5-6 199-B4-14	199-K-21 199-K-18 199-K-117A 699-73-61 199-K-34 199-K-20	199-K-151 199-K-150	199-H4-12C 199-H4-9 199-H1-37 199-H1-35 199-H1-38 199-H1-40 199-H1-32 199-H1-33 199-H3-4 199-D8-101 199-H4-15A 199-D5-92 199-D8-98 199-D8-96 199-D7-6 199-D5-20 199-D5-39 199-D5-32 199-D8-89 199-D7-3 199-D4-39 199-D5-130 199-D8-95 199-D8-97 199-D8-91 199-D8-90 199-D5-131 199-D4-96 199-D4-97 199-D4-98 199-D4-99 199-D5-127 199-D5-101 199-D4-95		699-9-E2

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

**Summary of Wells & Aquifer Tubes Sampled in the River Corridor Areas During April 2013**

<b>Week</b>	<b>100-BC</b>	<b>100-K</b>	<b>100-N</b>	<b>100-D/H</b>	<b>100-F</b>	<b>300 Area</b>
<b>13-19 Apr 13</b>	199-B8-9	699-78-62	NVP2-116.0 N116mArray-4A N116mArray-6A NVP1-2 NVP1-1 N116mArray-3A	199-D6-3 Unsuccessful 199-D5-18 199-D2-6 199-D8-71 199-D5-34 199-D5-40 199-D3-5 199-D5-93 699-99-44 699-99-41 699-94-41 699-95-45 699-95-48 699-98-46 699-93-48A 699-94-43		
<b>20-26 Apr 13</b>		199-K-194 199-K-124A Unsuccessful 199-K-187 199-K-193 199-K-191 199-K-190 199-K-199 199-K-197 199-K-192 199-K-198 199-K-125A Unsuccessful 199-K-181 199-K-22 199-K-37 199-K-185 199-K-188 199-K-142 199-K-110A 199-K-36 199-K-157 199-K-32A 199-K-111A 199-K-200 199-K-11	199-K-149	699-97-41 199-H6-1 199-H6-4 199-H4-11 199-H6-3 199-H4-16 699-98-49A 199-H3-6 199-H1-7 199-H5-1A 199-H3-5 199-H3-3 199-H4-46 199-H3-10 699-98-51 199-H3-7		

**100/300 Areas Unit Managers Meeting  
May 09, 2013**

<b>Summary of Wells &amp; Aquifer Tubes Sampled in the River Corridor Areas During April 2013</b>						
<b>Week</b>	<b>100-BC</b>	<b>100-K</b>	<b>100-N</b>	<b>100-D/H</b>	<b>100-F</b>	<b>300 Area</b>
<b>27-30 Apr 13</b>		199-K-138 199-K-114A 199-K-113A 199-K-162 199-K-116A 199-K-139 199-K-132 199-K-115A 199-K-147 199-K-168 199-K-178 199-K-171 199-K-141 199-K-154 199-K-163 199-K-161 199-K-148 199-K-182 199-K-153 199-K-124A 199-K-125A 199-K-201	199-K-131			699-S11-E12AP

# Attachment 2

May 9, 2013 Unit Manager's Meeting  
Field Remediation Status

**100-B/C**

- Closure documentation for 100-C-7:1 expected for completion before end of fiscal year
- 100-C-7:1 project site placed in safe configuration
- Backfill at C-7:1 deferred until late summer (Mid July/August forecasted)

**100-D**

- Continued remediation and layback removal at 100-D-100
- Continued remediation and layback removal at 100-D-30/104.
- Began remediation of the 100-D-50:7 and 100-D-83:5 sites.

**100-H**

- Continued excavation/remediation field activities at 100-H-46
- Continued 100-H electrical reroute field activities
- Continued groundwater pump and treat reroute activities

**100-K**

- Project will complete remediation of 100-K-95 in coming weeks as initial sample results revealed additional contamination
- Review sites for future backfill material needs
- Discussions continue on path forward on 118-K-1/100-K-93/100-K-111

**100-N**

- Continued remediation of 100-N-79, 100-N-84, 100-N-93 and 100-N-95
- Continued system operations for in-situ bioremediation system for UPR-100-N-17, deep vadose zone remediation
- Continued preparation of closure documents and conducting verification sampling

**616-10 Trench Remediation**

- Both drum penetration facilities were returned to service
- Resumption of limited waste load-out activities
- Preparation for transition of site to a Hazcat 3 facility

**100-IU-2/6**

- Excavation and load-out complete at 600-368/369, 600-293/294
- Sample results pending at 600-320:3 which will determine future remediation needs
- Continued remediation of 600-370 and 600-301



# Attachment 3

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	Month											
							M	J	J	A	S	O	N	M	J	J	A	S

**100-K-84 Red Soil Sw. of 118-K-1**

**Revegetation**

RK084E2	Revegetation - -100-K-84 (2.3 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13
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**Final Project Closeout**

RK084D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-84	Y	0%	12	28-May-13*	17-Jun-13
RK084D14	Prepare Internal Closure Document - 100-K-84	Y	0%	8	18-Jun-13	01-Jul-13
RK084D15	Format/Tech Edit 100-K--100-K-84	Y	0%	3	02-Jul-13	08-Jul-13
RK084D16	Internal Review - 100-K-84	Y	0%	4	09-Jul-13	15-Jul-13
RK084D17	Incorporate Internal Review Comments - 100-K-84	Y	0%	4	16-Jul-13	22-Jul-13
RK084D18	Final Format/Tech Edit/Internal Sigs - 100-K-84	Y	0%	6	23-Jul-13	31-Jul-13
RK084D19	RL/Reg Review Draft A Closure Document for - 100-K-84	Y	0%	26	01-Aug-13	17-Sep-13
RK084D20	Resolve Draft A Comments - 100-K-84	Y	0%	16	18-Sep-13	15-Oct-13
RK084D21	RL/Reg Sign Rev. 0 Closure Document for - 100-K-84	Y	0%	4	16-Oct-13	22-Oct-13
RK084D22	Prepare Rev. 0 Letter/Signatures - 100-K-84	Y	0%	4	23-Oct-13	29-Oct-13
RK084D23	Issue Rev. 0 Closure Document - 100-K-84	Y	0%	2	30-Oct-13	31-Oct-13

**100-K-86 - Stained Areas**

**Backfill**

RK086C	Backfill - 100-K-86 (134 BCMs)	Y	0%	1	01-Aug-13*	01-Aug-13
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**Revegetation**

RK086E2	Revegetation - -100-K-86 (0.74 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13
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**Final Project Closeout**

RK086D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-86	Y	0%	12	28-May-13*	17-Jun-13
RK086D14	Prepare Internal Closure Document - 100-K-86	Y	0%	8	18-Jun-13	01-Jul-13
RK086D15	Format/Tech Edit 100-K--100-K-86	Y	0%	3	02-Jul-13	08-Jul-13
RK086D16	Internal Review - 100-K-86	Y	0%	4	09-Jul-13	15-Jul-13
RK086D17	Incorporate Internal Review Comments - 100-K-86	Y	0%	4	16-Jul-13	22-Jul-13
RK086D18	Final Format/Tech Edit/Internal Sigs - 100-K-86	Y	0%	6	23-Jul-13	31-Jul-13
RK086D19	RL/Reg Review Draft A Closure Document for - 100-K-86	Y	0%	26	01-Aug-13	17-Sep-13
RK086D20	Resolve Draft A Comments - 100-K-86	Y	0%	16	18-Sep-13	15-Oct-13
RK086D21	RL/Reg Sign Rev. 0 Closure Document for - 100-K-86	Y	0%	4	16-Oct-13	22-Oct-13
RK086D22	Prepare Rev. 0 Letter/Signatures - 100-K-86	Y	0%	4	23-Oct-13	29-Oct-13
RK086D23	Issue Rev. 0 Closure Document - 100-K-86	Y	0%	2	30-Oct-13	31-Oct-13

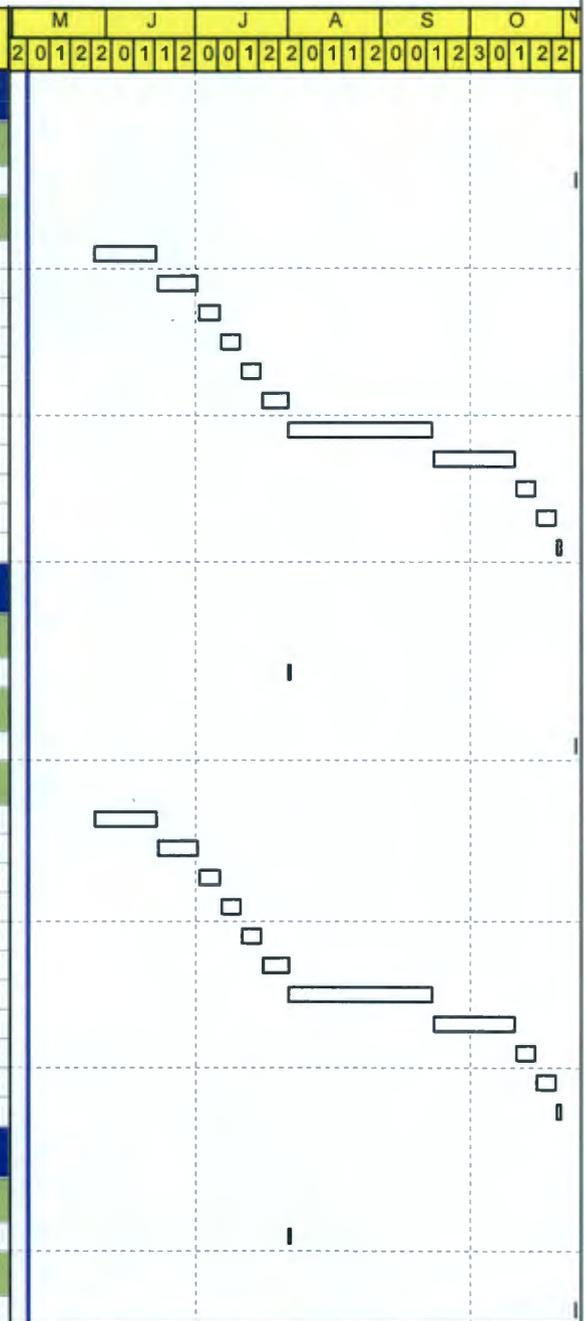
**100-K-87 Asbestos**

**Backfill**

RK087C	Backfill - 100-K-87 (0.48 BCMs)	Y	0%	1	01-Aug-13*	01-Aug-13
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**Revegetation**

RK087E2	Revegetation - -100-K-87 (0.1 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13
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Current Bar Labels % Complete

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M	J	J	A	S	O	N																				
							2	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	2	3	0	1	2	2

**Final Project Closeout**

RK087D12	Data Validation - 100-K-87	Y	40%	12	18-Apr-13 A	23-May-13
RK087D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-87	Y	0%	12	28-May-13	17-Jun-13
RK087D14	Prepare Internal Closure Document - 100-K-87	Y	0%	8	18-Jun-13	01-Jul-13
RK087D15	Format/Tech Edit 100-K--100-K-87	Y	0%	3	02-Jul-13	08-Jul-13
RK087D16	Internal Review - 100-K-87	Y	0%	4	09-Jul-13	15-Jul-13
RK087D17	Incorporate Internal Review Comments - 100-K-87	Y	0%	4	16-Jul-13	22-Jul-13
RK087D18	Final Format/Tech Edit/Internal Sigs - 100-K-87	Y	0%	6	23-Jul-13	31-Jul-13
RK087D19	RL/Reg Review Draft A Closure Document for - 100-K-87	Y	0%	26	01-Aug-13	17-Sep-13
RK087D20	Resolve Draft A Comments - 100-K-87	Y	0%	16	18-Sep-13	15-Oct-13
RK087D21	RL/Reg Sign Rev. 0 Closure Document for - 100-K-87	Y	0%	4	16-Oct-13	22-Oct-13
RK087D22	Prepare Rev. 0 Letter/Signatures - 100-K-87	Y	0%	4	23-Oct-13	29-Oct-13
RK087D23	Issue Rev. 0 Closure Document - 100-K-87	Y	0%	2	30-Oct-13	31-Oct-13

**100-K-91 - Battery**

**Revegetation**

RK091E2	Revegetation - -100-K-91 (0.1 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13
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**Final Project Closeout**

RK091D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-91	Y	0%	12	28-May-13*	17-Jun-13
RK091D14	Prepare Internal Closure Document - 100-K-91	Y	0%	8	18-Jun-13	01-Jul-13
RK091D15	Format/Tech Edit 100-K--100-K-91	Y	0%	3	02-Jul-13	08-Jul-13
RK091D16	Internal Review - 100-K-91	Y	0%	4	09-Jul-13	15-Jul-13
RK091D17	Incorporate Internal Review Comments - 100-K-91	Y	0%	4	16-Jul-13	22-Jul-13
RK091D18	Final Format/Tech Edit/Internal Sigs - 100-K-91	Y	0%	6	23-Jul-13	31-Jul-13
RK091D19	RL/Reg Review Draft A Closure Document for - 100-K-91	Y	0%	26	01-Aug-13	17-Sep-13
RK091D20	Resolve Draft A Comments - 100-K-91	Y	0%	16	18-Sep-13	15-Oct-13
RK091D21	RL/Reg Sign Rev. 0 Closure Document for - 100-K-91	Y	0%	4	16-Oct-13	22-Oct-13
RK091D22	Prepare Rev. 0 Letter/Signatures - 100-K-91	Y	0%	4	23-Oct-13	29-Oct-13
RK091D23	Issue Rev. 0 Closure Document - 100-K-91	Y	0%	2	30-Oct-13	31-Oct-13

**100-K-92 - Reddish Stained Gravels**

**Backfill**

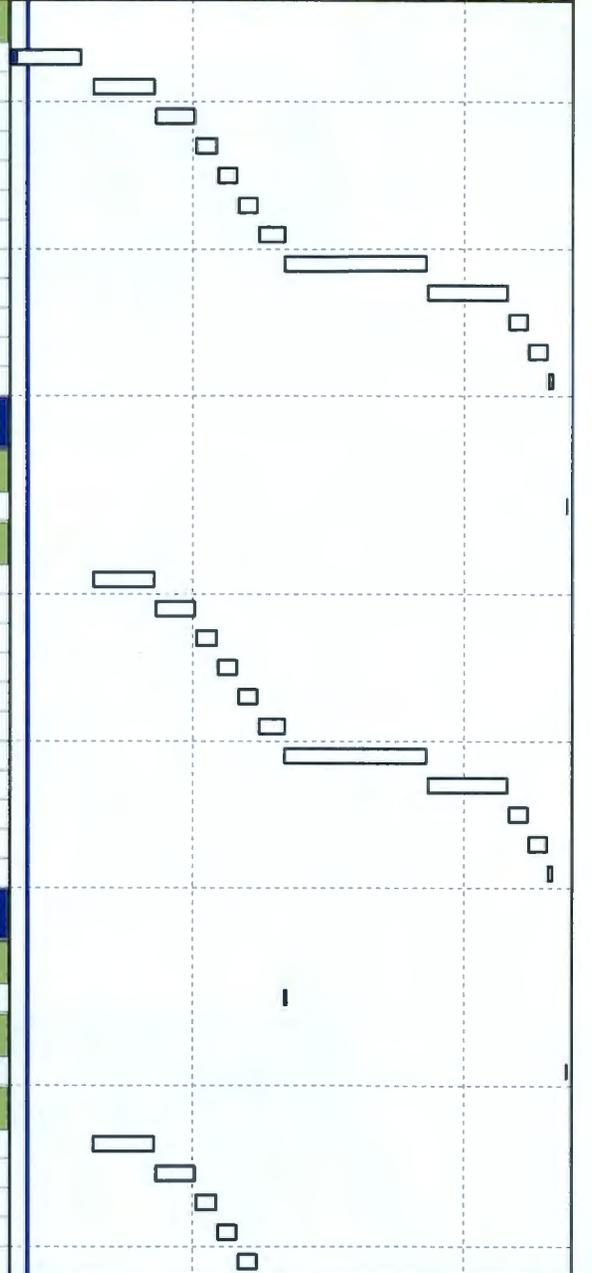
RK092C	Backfill - 100-K-92 (7 BCMs)	Y	0%	1	01-Aug-13*	01-Aug-13
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**Revegetation**

RK092E2	Revegetation - -100-K-92 (1.57 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13
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**Final Project Closeout**

RK092D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-92	Y	0%	12	28-May-13*	17-Jun-13
RK092D14	Prepare Internal Closure Document - 100-K-92	Y	0%	8	18-Jun-13	01-Jul-13
RK092D15	Format/Tech Edit 100-K-92	Y	0%	3	02-Jul-13	08-Jul-13
RK092D16	Internal Review - 100-K-92	Y	0%	4	09-Jul-13	15-Jul-13
RK092D17	Incorporate Internal Review Comments - 100-K-92	Y	0%	4	16-Jul-13	22-Jul-13



Current Bar Labels 
  % Complete 
 ◆ ◆

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	Month																													
							M	J	J	A	S	O	N	D	O	S	A	M																		
RK092D18	Final Format/Tech Edit/Internal Sigs - 100-K-92	Y	0%	6	23-Jul-13	31-Jul-13	2	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1	1	2	0	0	1	2	3	0	1	2	2			
RK092D19	RL/Reg Review Draft A Closure Document for - 100-K-92	Y	0%	26	01-Aug-13	17-Sep-13																														
RK092D20	Resolve Draft A Comments - 100-K-92	Y	0%	16	18-Sep-13	15-Oct-13																														
RK092D21	RL/Reg Sign Rev. 0 Closure Document for - 100-K-92	Y	0%	4	16-Oct-13	22-Oct-13																														
RK092D22	Prepare Rev. 0 Letter/Signatures - 100-K-92	Y	0%	4	23-Oct-13	29-Oct-13																														
RK092D23	Issue Rev. 0 Closure Document - 100-K-92	Y	0%	2	30-Oct-13	31-Oct-13																														
<b>100-K-93 - Drum Remnant</b>																																				
<b>Revegetation</b>																																				
RK093E2	Revegetation --100-K-93 (0.1 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13																														
<b>Final Project Closeout</b>																																				
RK093D11	Lab Analysis 100-K-93	Y	20%	14	11-Feb-13 A	29-May-13																														
RK093D12	Data Validation - 100-K-93	Y	0%	15	30-May-13	25-Jun-13																														
RK093D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-93	Y	0%	12	26-Jun-13	17-Jul-13																														
RK093D14	Prepare Internal Closure Document - 100-K-93	Y	0%	8	18-Jul-13	31-Jul-13																														
RK093D15	Format/Tech Edit 100-K--100-K-93	Y	0%	3	01-Aug-13	06-Aug-13																														
RK093D16	Internal Review - 100-K-93	Y	0%	4	07-Aug-13	13-Aug-13																														
RK093D17	Incorporate Internal Review Comments - 100-K-93	Y	0%	4	14-Aug-13	20-Aug-13																														
RK093D18	Final Format/Tech Edit/Internal Sigs - 100-K-93	Y	0%	6	21-Aug-13	29-Aug-13																														
RK093D19	RL/Reg Review Draft A Closure Document for - 100-K-93	Y	0%	26	03-Sep-13	16-Oct-13																														
RK093D20	Resolve Draft A Comments - 100-K-93	Y	0%	16	17-Oct-13	13-Nov-13																														
<b>100-K-95 - Tar Dump</b>																																				
<b>Excavation</b>																																				
RK095A	Excavation - 100-K-95 (124 BCMs)	Y	99%	6	09-Jan-13 A	14-May-13																														
<b>Loadout</b>																																				
RK095B	Loadout -- 100-K-95 (273 USTs)	Y	99%	6	09-Jan-13 A	14-May-13																														
<b>Backfill</b>																																				
RK095C	Backfill - 100-K-95 (118.6 BCMs)	Y	0%	1	21-Oct-13*	21-Oct-13																														
<b>Revegetation</b>																																				
RK095E2	Revegetation --100-K-95 (0.3 Acres)	Y	0%	1	05-Nov-13*	05-Nov-13																														
<b>Final Project Closeout</b>																																				
RK095D10	Verification Closeout Samples - 100-K-95	Y	40%	15	11-Feb-13 A	30-May-13																														
RK095D11	Lab Analysis 100-K-95	Y	0%	26	03-Jun-13	17-Jul-13																														
RK095D12	Data Validation - 100-K-95	Y	0%	15	18-Jul-13	13-Aug-13																														
RK095D13	Prepare Calculations(UCL, DQA, HQ, act.) - 100-K-95	Y	0%	12	14-Aug-13	04-Sep-13																														
RK095D14	Prepare Internal Closure Document - 100-K-95	Y	0%	8	05-Sep-13	18-Sep-13																														
RK095D15	Format/Tech Edit 100-K--100-K-95	Y	0%	3	19-Sep-13	24-Sep-13																														
RK095D16	Internal Review - 100-K-95	Y	0%	4	25-Sep-13	01-Oct-13																														
RK095D17	Incorporate Internal Review Comments - 100-K-95	Y	0%	4	02-Oct-13	08-Oct-13																														

Current Bar Labels % Complete



(17)

# Attachment 4

**100K Area Unit Managers Meeting  
May 9, 2013**

**RL-0012 Sludge Treatment Project**

TPA Milestone M-016-173, *K Basin Sludge Treatment and Packaging Technology Selection* (3/31/15) - At Risk

- The phase 2 treatment and packaging site evaluation report was issued in September 2012. Evaluation of options and consideration of overarching policy issues leading to preparation of a recommendation are not funded in FY13.

TPA Milestone M-016-174, *Complete Final Design of Sludge Retrieval and Transfer System* (9/30/13) - On Schedule

- The draft ECRTS 90% design Remedial Design Report which includes the 105-KW Annex Air Monitoring plan and QAPjP was provided to EPA for review and comment on April 30.
- Work continues on the ECRTS final design, expected to be complete in July 2013.
- Resolution of DOE comments from the in-process review of the ECRTS Preliminary Documented Safety Analysis continues.

TPA Milestone M-016-175, *Begin Sludge Removal from 105-KW Fuel Storage Basin* (9/30/14) - At Risk

- Construction of the KW Basin Modified Annex was suspended on March 5, 2013. The site has been placed in a safe and stable configuration pending resumption of work in FY 2014. Planning for restart of construction in FY 2014 is in progress.
- The Integrated Process Optimization Demonstration at MASF is scheduled to begin in June.
- Field work continues in implementing the K West Basin Qualified Process and Plan to Meet End Point Criteria consisting of the performance of basin floor and pit sludge depth measurements.

TPA Milestone M-016-176, *Complete Sludge Removal from 105-KW Fuel Storage Basin* (12/31/15) – At Risk

- Initiation of this milestone follows completion of Milestone M-016-175.

TPA Milestone M-016-178, *Initiate Deactivation of 105-KW Fuel Storage Basin* (12/31/15) – At Risk

- TPA Change Notice 570 was presented to EPA for review and comment on May 2 to revise the Remedial Design/Remedial Action Work Plan for the deactivation of the KW Basin to delete a second retrieval of sludge from the settler tanks. EPA requested and was provided a copy of the calculation cited as a reference and a basis for the change.

**RL-0041 K Facility Demolition and Soil Remediation**

TPA Milestone M-016-143, *Complete the Interim Response Actions for 100 K Area Phase 2* (12/31/15) – At Risk

- Response actions for phase 2 buildings are complete. Remediation of phase 2 waste sites is not currently funded in FY13.

TPA Milestone M-093-22, *Complete 105-KE reactor interim safe storage in accordance with the Removal Action Work Plan (7/31/14)* - Deleted

- The TPA Change Package to delete this milestone and incorporate 105-KE interim safe storage into Milestone M-093-27 has been signed.

TPA Milestone M-093-26, *Initiate 105-KW reactor interim safe storage (12/31/15)* - Deleted

- The TPA Change Package to delete this milestone and establish a new milestone to develop a schedule for interim safe storage has been signed.

TPA Milestone M-093-28, *Submit a change package for proposed interim milestones for 105-KE and 105-KW Reactor Interim Safe Storage (12/31/15)*. On Schedule

- New milestone created by TPA Change Package M-93-12-02, signed 4/25/2013. Replaced the deleted milestones M-093-22 and M-093-26.

TPA Milestone M-093-27, *Complete 105-KE and 105-KW reactor interim safe storage in accordance with the Removal Action Work Plan (12/31/19)*. On Schedule

- The TPA Change Package to revise this milestone to align the schedules for interim safe storage for both 105-K reactors has been signed.

#### Other Information

- No demolition activities were conducted in the 100K area during April.
- A draft notice of transition to remove the Cold Vacuum Drying Facility from the Hanford Air Operating Permit has been prepared.

11

# Attachment 5

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	Calendar																											
							M	J	July 2013	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
<b>MR IU-2 &amp; Segment 4</b>																																		
<b>Loadout</b>																																		
IU226100	Remove IU-2 & Segment 4 MR WCH Crew #2	N	0%	12	07-Aug-13	27-Aug-13																												
IU226090	Remove IU-2 & Segment 4 MR WCH Crew #1	N	0%	10	26-Sep-13	15-Oct-13																												
<b>600-326</b>																																		
<b>Excavation</b>																																		
IU222640	Excavation 600-326* Cultural Hold	Y	0%	3	06-May-13*	08-May-13																												
<b>Loadout</b>																																		
IU222650	Loadout 600-326 (2 tons)	Y	0%	3	09-May-13*	14-May-13																												
<b>Closeout Sampling &amp; Docs</b>																																		
IU222710	Closure Sampling 600-326	Y	0%	26	30-May-13	16-Jul-13																												
<b>Final Project Closeout</b>																																		
IU222720	Prepare Closure Document 600-326	Y	0%	83	17-Jul-13	12-Dec-13																												
IU222730	RL/Reg Review of Draft A Closure Document 600-326	Y	0%	26	23-Sep-13	05-Nov-13																												
<b>600-293</b>																																		
<b>Excavation</b>																																		
IU222920	Excavation 600-293	Y	98%	1	25-Mar-13 A	06-May-13																												
<b>Loadout</b>																																		
IU222820	Loadout 600-293	Y	98%	1	25-Mar-13 A	06-May-13																												
<b>Closeout Sampling &amp; Docs</b>																																		
IU222880	Prepare Work Instruction 600-293	Y	0%	75	05-Jun-13*	16-Oct-13																												
IU222890	RL/Reg Review of Draft A Work Instruction 600-293	Y	0%	26	25-Jul-13	10-Sep-13																												
IU222830	RL/Reg Signature Rev.0 WI 600-293	Y	0%	4	11-Sep-13*	17-Sep-13																												
IU222840	Closure Sampling 600-293	Y	0%	26	17-Oct-13	04-Dec-13																												
<b>600-294</b>																																		
<b>Excavation</b>																																		
IU223030	Excavation 600-294	Y	98%	1	28-Mar-13 A	06-May-13																												
<b>Loadout</b>																																		
IU222930	Loadout 600-294	Y	98%	1	28-Mar-13 A	06-May-13																												
<b>Closeout Sampling &amp; Docs</b>																																		
IU222990	Prepare Work Instruction 600-294	Y	0%	75	05-Jun-13*	16-Oct-13																												
IU223000	RL/Reg Review of Draft A Work Instruction 600-294	Y	0%	26	25-Jul-13	10-Sep-13																												
IU222940	RL/Reg Signature Rev.0 WI 600-294	Y	0%	4	11-Sep-13*	17-Sep-13																												
IU222950	Closure Sampling 600-294	Y	0%	26	17-Oct-13	04-Dec-13																												

Current Bar Labels 
  % Complete 
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Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O	
							2	0	1	2	2	0	1	2	0	1	2	0

**Priority Misc Restoration Sites**

**Loadout**

IU226220	Remove IU-2 MR 600-180	N	0%	1	20-May-13	20-May-13												
IU226230	Remove IU-2 MR 600-263	N	0%	1	21-May-13	21-May-13												

**600-301**

**Excavation**

IU223140	Excavation 600-301	Y	0%	6	22-May-13*	03-Jun-13												
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**Loadout**

IU223040	Loadout 600-301	Y	0%	5	04-Jun-13	11-Jun-13												
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**Closeout Sampling & Docs**

IU223100	Prepare Work Instruction 600-301	Y	0%	75	11-Jul-13*	20-Nov-13												
IU223110	RL/Reg Review of Draft A Work Instruction 600-301	Y	0%	26	29-Aug-13	15-Oct-13												
IU223050	RL/Reg Signature Rev.0 WI 600-301	Y	0%	4	16-Oct-13*	22-Oct-13												

**600-374**

**Excavation**

IU224460	Excavation 600-374	Y	0%	1	12-Jun-13	12-Jun-13												
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**Loadout**

IU224360	Loadout 600-374	Y	0%	2	13-Jun-13	17-Jun-13												
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**Closeout Sampling & Docs**

IU224420	Prepare Work Instruction 600-374	Y	95%	4	04-Mar-13 A	09-May-13												
IU224430	RL/Reg Review of Draft A Work Instruction 600-374	Y	100%	0	18-Apr-13 A	02-May-13 A												
IU224370	RL/Reg Signature Rev.0 WI 600-374	Y	0%	4	06-May-13	09-May-13												
IU224380	Closure Sampling 600-374	Y	0%	26	13-May-13	26-Jun-13												

**Final Project Closeout**

IU224390	Prepare Closure Document 600-374	Y	0%	93	27-Jun-13	12-Dec-13												
IU224400	RL/Reg Review of Draft A Closure Document 600-374	Y	0%	26	04-Sep-13	17-Oct-13												

**600-375**

**Excavation**

IU224570	Excavation 600-375	Y	0%	2	17-Jun-13	19-Jun-13												
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**Loadout**

IU224470	Loadout 600-375	Y	0%	3	19-Jun-13	24-Jun-13												
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**Closeout Sampling & Docs**

IU224530	Prepare Work Instruction 600-375	Y	95%	4	04-Mar-13 A	09-May-13												
IU224540	RL/Reg Review of Draft A Work Instruction 600-375	Y	100%	0	18-Apr-13 A	02-May-13 A												
IU224480	RL/Reg Signature Rev.0 WI 600-375	Y	0%	4	06-May-13	09-May-13												

Current Bar Labels % Complete

Draft 100-IU Closure Schedule

2 of 10

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O	
							2	0	1	2	2	0	1	2	0	1	2	0
IU224490	Closure Sampling 600-375	Y	0%	26	10-Jul-13	22-Aug-13												
<b>Final Project Closeout</b>																		
IU224500	Prepare Closure Document 600-375	Y	0%	93	26-Aug-13	12-Feb-14												
IU224510	RL/Reg Review of Draft A Closure Document 600-375	Y	0%	26	30-Oct-13	17-Dec-13												
<b>600-376</b>																		
<b>Excavation</b>																		
IU224680	Excavation 600-376	Y	0%	1	25-Jun-13	25-Jun-13												
<b>Loadout</b>																		
IU224580	Loadout 600-376	Y	0%	2	26-Jun-13	27-Jun-13												
<b>Closeout Sampling &amp; Docs</b>																		
IU224640	Prepare Work Instruction 600-376	Y	95%	4	04-Mar-13 A	09-May-13												
IU224650	RL/Reg Review of Draft A Work Instruction 600-376	Y	100%	0	18-Apr-13 A	02-May-13 A												
IU224590	RL/Reg Signature Rev.0 WI 600-376	Y	0%	4	06-May-13	09-May-13												
IU224600	Closure Sampling 600-376	Y	0%	26	15-Jul-13	28-Aug-13												
<b>Final Project Closeout</b>																		
IU224610	Prepare Closure Document 600-376	Y	0%	93	28-Aug-13	19-Feb-14												
IU224620	RL/Reg Review of Draft A Closure Document 600-376	Y	0%	26	04-Nov-13	23-Dec-13												
<b>600-382</b>																		
<b>Excavation</b>																		
IU225340	Excavation 600-382	N	0%	1	27-Jun-13	01-Jul-13												
<b>Loadout</b>																		
IU225240	Loadout 600-382	N	0%	2	01-Jul-13	02-Jul-13												
<b>Closeout Sampling &amp; Docs</b>																		
IU225300	Prepare Work Instruction 600-382	N	0%	75	01-Aug-13	16-Dec-13												
IU225310	RL/Reg Review of Draft A Work Instruction 600-382	N	0%	26	23-Sep-13	05-Nov-13												
<b>600-383</b>																		
<b>Excavation</b>																		
IU225450	Excavation 600-383	N	0%	2	03-Jul-13	08-Jul-13												
<b>Loadout</b>																		
IU225350	Loadout 600-383	N	0%	2	09-Jul-13	10-Jul-13												
<b>Closeout Sampling &amp; Docs</b>																		
IU225410	Prepare Work Instruction 600-383	N	0%	75	08-Aug-13	23-Dec-13												
IU225420	RL/Reg Review of Draft A Work Instruction 600-383	N	0%	26	30-Sep-13	12-Nov-13												
<b>600-384</b>																		

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		V	
							2	0	1	2	2	0	1	1	2	0	0	1		2
<b>Excavation</b>																				
IU225560	Excavation 600-384	N	0%	1	11-Jul-13	11-Jul-13														
<b>Loadout</b>																				
IU225460	Loadout 600-384	N	0%	2	15-Jul-13	16-Jul-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU225520	Prepare Work Instruction 600-384	N	0%	75	13-Aug-13	31-Dec-13														
IU225530	RL/Reg Review of Draft A Work Instruction 600-384	N	0%	26	02-Oct-13	18-Nov-13														
<b>600-371</b>																				
<b>Excavation</b>																				
IU224130	Excavation 600-371	Y	0%	1	16-Jul-13	17-Jul-13														
<b>Loadout</b>																				
IU224030	Loadout 600-371	Y	0%	2	17-Jul-13	18-Jul-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU224090	Prepare Work Instruction 600-371	Y	95%	4	04-Mar-13 A	09-May-13														
IU224100	RL/Reg Review of Draft A Work Instruction 600-371	Y	100%	0	18-Apr-13 A	02-May-13 A														
IU224040	RL/Reg Signature Rev.0 WI 600-371	Y	0%	4	06-May-13	09-May-13														
IU224050	Closure Sampling 600-371	Y	0%	26	05-Aug-13	18-Sep-13														
<b>Final Project Closeout</b>																				
IU224060	Prepare Closure Document 600-371	Y	0%	93	19-Sep-13	11-Mar-14														
<b>600-372</b>																				
<b>Excavation</b>																				
IU224240	Excavation 600-372	Y	0%	1	22-Jul-13	22-Jul-13														
<b>Loadout</b>																				
IU224140	Loadout 600-372	Y	0%	2	23-Jul-13	24-Jul-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU224200	Prepare Work Instruction 600-372	Y	95%	4	04-Mar-13 A	09-May-13														
IU224210	RL/Reg Review of Draft A Work Instruction 600-372	Y	100%	0	18-Apr-13 A	09-May-13 A														
IU224150	RL/Reg Signature Rev.0 WI 600-372	Y	0%	4	06-May-13	09-May-13														
IU224160	Closure Sampling 600-372	Y	0%	26	07-Aug-13	24-Sep-13														
<b>Final Project Closeout</b>																				
IU224170	Prepare Closure Document 600-372	Y	0%	93	24-Sep-13	17-Mar-14														
<b>600-373</b>																				
<b>Excavation</b>																				
IU224350	Excavation 600-373	Y	0%	1	24-Jul-13	25-Jul-13														

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		N	
							2	0	1	2	2	0	1	2	0	1	2	0		1
<b>Loadout</b>																				
IU224250	Loadout 600-373	Y	0%	2	25-Jul-13	29-Jul-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU224310	Prepare Work Instruction 600-373	Y	95%	4	04-Mar-13 A	09-May-13														
IU224320	RL/Reg Review of Draft A Work Instruction 600-373	Y	100%	0	18-Apr-13 A	02-May-13 A														
IU224260	RL/Reg Signature Rev.0 WI 600-373	Y	0%	4	06-May-13	09-May-13														
IU224270	Closure Sampling 600-373	Y	0%	26	13-Aug-13	26-Sep-13														
<b>Final Project Closeout</b>																				
IU224280	Prepare Closure Document 600-373	Y	0%	93	30-Sep-13	19-Mar-14														
<b>600-279</b>																				
<b>Excavation</b>																				
IU223360	Excavation 600-279	N	0%	2	30-Jul-13	31-Jul-13														
<b>Loadout</b>																				
IU223260	Loadout 600-279	N	0%	3	01-Aug-13	06-Aug-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU223320	Prepare Work Instruction 600-279	N	0%	75	05-Sep-13	22-Jan-14														
IU223330	RL/Reg Review of Draft A Work Instruction 600-279	N	0%	26	24-Oct-13	11-Dec-13														
<b>600-298</b>																				
<b>Backfill</b>																				
IU2230	Backfill 600-298	Y	0%	1	03-Jul-13*	03-Jul-13														
<b>Final Project Closeout</b>																				
IU2290	Prepare Closure Document 600-298	Y	38%	72	25-Mar-13 A	11-Sep-13														
IU2300	RL/Reg Review of Draft A Closure Document 600-298	Y	0%	26	18-Jun-13	01-Aug-13														
IU2310	RL/Reg Signature Rev.0 Closure Document 600-298	Y	0%	4	03-Sep-13	09-Sep-13														
<b>600-299</b>																				
<b>Backfill</b>																				
IU22120	Backfill 600-299	Y	0%	1	08-Jul-13*	08-Jul-13														
<b>Final Project Closeout</b>																				
IU22180	Prepare Closure Document 600-299	Y	38%	72	25-Mar-13 A	11-Sep-13														
IU22190	RL/Reg Review of Draft A Closure Document 600-299	Y	0%	26	18-Jun-13	01-Aug-13														
IU22200	RL/Reg Signature Rev.0 Closure Document 600-299	Y	0%	4	03-Sep-13	09-Sep-13														
<b>600-300</b>																				
<b>Backfill</b>																				
IU22230	Backfill 600-300	Y	0%	1	09-Jul-13*	09-Jul-13														

Current Bar Labels % Complete

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O					
							2	0	1	2	2	0	1	1	2	0	0	1	2	2	0	1
<b>Final Project Closeout</b>																						
IU22290	Prepare Closure Document 600-300	Y	38%	72	25-Mar-13 A	11-Sep-13																
IU22300	RL/Reg Review of Draft A Closure Document 600-300	Y	0%	26	18-Jun-13	01-Aug-13																
IU22310	RL/Reg Signature Rev.0 Closure Document 600-300	Y	0%	4	03-Sep-13	09-Sep-13																
<b>600-303</b>																						
<b>Backfill</b>																						
IU222550	Backfill 600-303	Y	0%	1	02-Oct-13*	02-Oct-13																
<b>Final Project Closeout</b>																						
IU222610	Prepare Closure Document 600-303	Y	0%	83	06-May-13	01-Oct-13																
IU222620	RL/Reg Review of Draft A Closure Document 600-303	Y	0%	26	11-Jul-13	26-Aug-13																
IU222630	RL/Reg Signature Rev.0 Closure Document 600-303	Y	0%	4	25-Sep-13	01-Oct-13																
<b>600-316</b>																						
<b>Backfill</b>																						
IU221440	Backfill 600-316	Y	0%	1	30-Jul-13*	30-Jul-13																
<b>Final Project Closeout</b>																						
IU221500	Prepare Closure Document 600-316	Y	38%	72	27-Mar-13 A	11-Sep-13																
IU221510	RL/Reg Review of Draft A Closure Document 600-316	Y	0%	26	18-Jun-13	01-Aug-13																
IU221520	RL/Reg Signature Rev.0 Closure Document 600-316	Y	0%	4	03-Sep-13	09-Sep-13																
<b>600-317</b>																						
<b>Backfill</b>																						
IU221550	Backfill 600-317	Y	0%	1	31-Jul-13*	31-Jul-13																
<b>600-318</b>																						
<b>Backfill</b>																						
IU221660	Backfill 600-318	Y	0%	1	01-Aug-13*	01-Aug-13																
<b>Final Project Closeout</b>																						
IU221720	Prepare Closure Document 600-318	Y	38%	72	27-Mar-13 A	11-Sep-13																
IU221730	RL/Reg Review of Draft A Closure Document 600-318	Y	0%	26	18-Jun-13	01-Aug-13																
IU221740	RL/Reg Signature Rev.0 Closure Document 600-318	Y	0%	4	03-Sep-13	09-Sep-13																
<b>600-319</b>																						
<b>Backfill</b>																						
IU221770	Backfill 600-319	N	0%	1	05-Aug-13*	05-Aug-13																
<b>600-320</b>																						
<b>Excavation</b>																						
IU222480	Excavation (Shoreline Review 1 Site) 600-320	Y	98%	8	16-May-12 A	16-May-13																

Current Bar Labels % Complete

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		N		
							2	0	1	2	2	0	1	1	2	0	0	1		2	2
<b>Loadout</b>																					
IU222500	Loadout (Shoreline Review 1 Site) 600-320 ( tons)	Y	98%	8	16-May-12 A	16-May-13															
<b>Backfill</b>																					
IU221880	Backfill 600-320	Y	0%	1	06-Aug-13*	06-Aug-13															
<b>Final Project Closeout</b>																					
IU221940	Prepare Closure Document 600-320	Y	0%	93	06-May-13	17-Oct-13															
IU221950	RL/Reg Review of Draft A Closure Document 600-320	Y	0%	26	11-Jul-13	26-Aug-13															
IU221960	RL/Reg Signature Rev.0 Closure Document 600-320	Y	0%	4	25-Sep-13	01-Oct-13															
<b>600-321</b>																					
<b>Backfill</b>																					
IU221990	Backfill 600-321	Y	0%	1	07-Aug-13*	07-Aug-13															
<b>Final Project Closeout</b>																					
IU222050	Prepare Closure Document 600-321	Y	0%	93	06-May-13	17-Oct-13															
IU222060	RL/Reg Review of Draft A Closure Document 600-321	Y	0%	26	11-Jul-13	26-Aug-13															
IU222070	RL/Reg Signature Rev.0 Closure Document 600-321	Y	0%	4	25-Sep-13	01-Oct-13															
<b>600-328</b>																					
<b>Final Project Closeout</b>																					
IU222380	Prepare Closure Document 600-328	Y	0%	84	06-May-13	02-Oct-13															
IU222390	RL/Reg Review of Draft A Closure Document 600-328	Y	0%	26	11-Jul-13	26-Aug-13															
IU222400	RL/Reg Signature Rev.0 Closure Document 600-328	Y	0%	4	25-Sep-13	01-Oct-13															
<b>600-368</b>																					
<b>Excavation</b>																					
IU223800	Excavation 600-368	Y	98%	1	01-Apr-13 A	06-May-13															
<b>Loadout</b>																					
IU223700	Loadout 600-368	Y	98%	1	01-Apr-13 A	06-May-13															
<b>Closeout Sampling &amp; Docs</b>																					
IU223760	Prepare Work Instruction 600-368	Y	95%	4	04-Mar-13 A	09-May-13															
IU223770	RL/Reg Review of Draft A Work Instruction 600-368	Y	100%	0	18-Apr-13 A	02-May-13 A															
IU223710	RL/Reg Signature Rev.0 WI 600-368	Y	0%	4	06-May-13	09-May-13															
IU223720	Closure Sampling 600-368	Y	0%	26	21-May-13	08-Jul-13															
<b>Final Project Closeout</b>																					
IU223730	Prepare Closure Document 600-368	Y	0%	93	09-Jul-13	23-Dec-13															
IU223740	RL/Reg Review of Draft A Closure Document 600-368	Y	0%	26	12-Sep-13	28-Oct-13															
<b>600-369</b>																					
<b>Excavation</b>																					

Current Bar Labels % Complete

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		V	
							2	0	1	2	2	0	1	1	2	0	0	1		2
IU223910	Excavation 600-369	Y	98%	1	03-Apr-13 A	06-May-13														
<b>Loadout</b>																				
IU223810	Loadout 600-369	Y	98%	1	03-Apr-13 A	06-May-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU223870	Prepare Work Instruction 600-369	Y	95%	4	04-Mar-13 A	09-May-13														
IU223880	RL/Reg Review of Draft A Work Instruction 600-369	Y	100%	0	18-Apr-13 A	02-May-13 A														
IU223820	RL/Reg Signature Rev.0 WI 600-369	Y	0%	4	06-May-13	09-May-13														
IU223830	Closure Sampling 600-369	Y	0%	26	21-May-13	08-Jul-13														
<b>Final Project Closeout</b>																				
IU223840	Prepare Closure Document 600-369	Y	0%	93	09-Jul-13	23-Dec-13														
IU223850	RL/Reg Review of Draft A Closure Document 600-369	Y	0%	26	12-Sep-13	28-Oct-13														
<b>600-370</b>																				
<b>Excavation</b>																				
IU224020	Excavation 600-370	Y	0%	56	07-May-13*	14-Aug-13														
<b>Loadout</b>																				
IU223920	Loadout 600-370	Y	0%	56	07-May-13	14-Aug-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU223980	Prepare Work Instruction 600-370	Y	95%	4	04-Mar-13 A	09-May-13														
IU223990	RL/Reg Review of Draft A Work Instruction 600-370	Y	100%	0	18-Apr-13 A	02-May-13 A														
IU223930	RL/Reg Signature Rev.0 WI 600-370	Y	0%	4	06-May-13	09-May-13														
IU223940	Closure Sampling 600-370	Y	0%	26	29-Aug-13	15-Oct-13														
<b>Final Project Closeout</b>																				
IU223950	Prepare Closure Document 600-370	Y	0%	93	16-Oct-13	07-Apr-14														
<b>600-378</b>																				
<b>Excavation</b>																				
IU224900	Excavation 600-378	Y	0%	1	15-Aug-13	15-Aug-13														
<b>Loadout</b>																				
IU224800	Loadout 600-378	Y	0%	2	19-Aug-13	20-Aug-13														
<b>Closeout Sampling &amp; Docs</b>																				
IU224860	Prepare Work Instruction 600-378	Y	0%	75	18-Sep-13	05-Feb-14														
<b>600-379</b>																				
<b>Excavation</b>																				
IU225010	Excavation 600-379	Y	0%	1	20-Aug-13	21-Aug-13														
<b>Loadout</b>																				
IU224910	Loadout 600-379	Y	0%	2	21-Aug-13	22-Aug-13														

Current Bar Labels % Complete

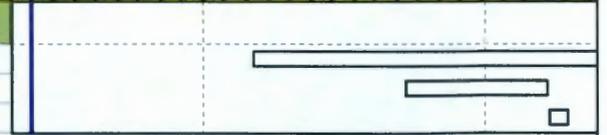
Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		N
							2	0	1	2	2	0	1	1	2	0	0	1	
<b>Closeout Sampling &amp; Docs</b>																			
IU224970	Prepare Work Instruction 600-379	Y	95%	4	04-Mar-13 A	09-May-13													
IU224980	RL/Reg Review of Draft A Work Instruction 600-379	Y	100%	0	18-Apr-13 A	02-May-13 A													
IU224920	RL/Reg Signature Rev.0 WI 600-379	Y	0%	4	06-May-13	09-May-13													
IU224930	Closure Sampling 600-379	Y	0%	26	10-Sep-13	23-Oct-13													
<b>Final Project Closeout</b>																			
IU224940	Prepare Closure Document 600-379	Y	0%	93	24-Oct-13	15-Apr-14													
<b>600-377</b>																			
<b>Excavation</b>																			
IU224790	Excavation 600-377	Y	0%	1	26-Aug-13	26-Aug-13													
<b>Loadout</b>																			
IU224690	Loadout 600-377	Y	0%	2	27-Aug-13	28-Aug-13													
<b>Closeout Sampling &amp; Docs</b>																			
IU224750	Prepare Work Instruction 600-377	Y	95%	4	04-Mar-13 A	09-May-13													
IU224760	RL/Reg Review of Draft A Work Instruction 600-377	Y	100%	0	18-Apr-13 A	02-May-13 A													
IU224700	RL/Reg Signature Rev.0 WI 600-377	Y	0%	4	06-May-13	09-May-13													
IU224710	Closure Sampling 600-377	Y	0%	26	12-Sep-13	29-Oct-13													
<b>Final Project Closeout</b>																			
IU224720	Prepare Closure Document 600-377	Y	0%	93	29-Oct-13	21-Apr-14													
<b>600-356</b>																			
<b>Excavation</b>																			
IU226010	Excavation 600-356	N	0%	3	28-Aug-13*	04-Sep-13													
<b>Loadout</b>																			
IU226020	Loadout 600-356	N	0%	1	04-Sep-13	05-Sep-13													
<b>Closeout Sampling &amp; Docs</b>																			
IU226070	Work Instructions 600-356	N	0%	75	03-Oct-13	24-Feb-14													
<b>MR fencing removal 600-275</b>																			
<b>Loadout</b>																			
IU226080	MR Remove Fence around 600-275 *Pending Funds	N	0%	12	05-Sep-13*	26-Sep-13													
<b>600-385</b>																			
<b>Excavation</b>																			
IU225670	Excavation 600-385 *Cultural Hold	N	0%	4	04-Jun-13*	10-Jun-13													
<b>Loadout</b>																			
IU225570	Loadout 600-385 *Cultural Hold	N	0%	4	11-Jun-13	17-Jun-13													

Current Bar Labels  % Complete ◆ ◆

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M		J		July 2013		A		S		O		V							
							2	0	1	2	2	0	1	1	2	0	0	1		2	2	0	1	1	2	0

**Closeout Sampling & Docs**

IU225630	Prepare Work Instruction 600-385	N	0%	75	17-Jul-13	26-Nov-13													
IU225640	RL/Reg Review of Draft A Work Instruction 600-385	N	0%	26	05-Sep-13	21-Oct-13													
IU225580	RL/Reg Signature Rev.0 WI 600-385	N	0%	4	22-Oct-13	28-Oct-13													





# Attachment 6

170905
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**^WCH Document Control**

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**From:** Saueressig, Daniel G  
**Sent:** Wednesday, May 01, 2013 8:16 AM  
**To:** ^WCH Document Control  
**Subject:** FW: TEMPORARY CONTAINER TRANSFER AREA

Please provide a chron number. This email documents a regulatory agreement.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326

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**From:** Guzzetti, Christopher [mailto:Guzzetti.Christopher@epa.gov]  
**Sent:** Wednesday, May 01, 2013 7:57 AM  
**To:** Glossbrenner, Ellwood T; Saueressig, Daniel G  
**Subject:** RE: TEMPORARY CONTAINER TRANSFER AREA

I concur as well.

Christopher J. Guzzetti  
Project Manager  
Hanford Project Office  
U.S. Environmental Protection Agency  
309 Bradley Boulevard, Suite 115  
Richland, WA 99352

Phone: (509) 376-9529  
Fax: (509) 376-2396  
Email: [guzzetti.christopher@epa.gov](mailto:guzzetti.christopher@epa.gov)

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**From:** Glossbrenner, Ellwood T [mailto:ellwood.glossbrenner@rl.doe.gov]  
**Sent:** Tuesday, April 30, 2013 8:59 AM  
**To:** Saueressig, Daniel G; Guzzetti, Christopher  
**Subject:** RE: TEMPORARY CONTAINER TRANSFER AREA

Chris/Dan,

I concur. Need to make sure that we are aware of the volume of traffic and maybe stay east. Has the COPC list changed from the RTD memo (CCN 169711)?

Ellwood T. Glossbrenner  
509-376-5828

5/1/2013

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**From:** Saueressig, Daniel G [<mailto:dgsauere@wch-rcc.com>]  
**Sent:** Tuesday, April 30, 2013 8:13 AM  
**To:** Guzzetti, Christopher; Glossbrenner, Ellwood T  
**Subject:** TEMPORARY CONTAINER TRANSFER AREA

Chris/Ellwood, I'd like to request your approval to set up a temporary container transfer area at the borrow pit near the 100 Area Hanford Fire Station (Pit 23). The temporary CTA is necessary to support work at 600-370.

Let me know if you concur.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326

6

# Attachment 7

Activity ID	Activity Name	% Cmpl	RD	Start	Finish	3	May 2013	June 2013	July 2013	August 2013	S	O										
						2	2	0	1	2	2	0	1	2	0	0	1	2	3	0	1	2
						2	2	0	1	2	2	0	1	2	0	0	1	2	3	0	1	2
<b>100 D</b>																						
<b>Special Projects</b>																						
100D100A373	Well Replacement @ 100-D (REA-184) 4 wells	85%	8	12-Nov-12 A	09-May-13																	
<b>Excavation</b>																						
100D100A311A	Excavate 100-D-100: Tier 3 Phase 3 (215,000 BCM)	42%	44	13-Feb-13 A	16-Jul-13																	
RD10D301AUW2	Excavate 100-D-30 Plume Excavation (227,900 BCM)	36%	71	14-Feb-13 A	03-Sep-13																	
100D104A311	Excavate 100-D-104 Tier 3 Phase 2 (57,935 BCM)	30%	15	19-Feb-13 A	30-Sep-13																	
RD05509AUW	Excavate 100-D-50:7 (5,125 BCM) (stage 3)	100%	0	17-Apr-13 A	24-Apr-13 A																	
CBB0542A	Excavate 100-D-83:5 (9,887 BCM)	21%	9	24-Apr-13 A	13-May-13																	
100D100A393	Excavate Contaminated Stockpile Area (D-100 Tier 1&2 Chrome)	0%	18	29-Apr-13*	29-May-13																	
CBB0537A	Excavate 100-D-72 (3,506 BCM)	0%	6	17-Jul-13	25-Jul-13																	
CBB0516FCDD	Excavate 100-D-31:11&12 Phase 1 (32,800 BCM BCL)	0%	11	17-Jul-13	05-Aug-13																	
CBB0541A	Excavate 100-D-83:3 (182 BCM)	0%	1	29-Jul-13	29-Jul-13																	
CBB0543A	Excavate 100-D-84:2 (634 BCM)	0%	1	29-Jul-13	29-Jul-13																	
CBB0548A	Excavate 100-D-97 (128 BCM)	0%	1	30-Jul-13	30-Jul-13																	
CBB0545A	Excavate 100-D-86:1 (5,200 BCM) **RAD**	0%	6	30-Jul-13	07-Aug-13																	
CBB0516FAUW	Excavate 100-D-31:11&12 Phase 2 (7,700 BCM ACL)	0%	5	06-Aug-13	13-Aug-13																	
CBB0544A	Excavate 100-D-85:2 (7,000 BCM) **RAD**	0%	8	08-Aug-13	21-Aug-13																	
CBB0516F1B	Demo 100-D-31:11&12 Phase 3 (370 LM Pipeline demo)	0%	10	14-Aug-13	29-Aug-13																	
CBB0546A	Excavate 100-D-86:3 (1,817 BCM) **RAD**	0%	3	22-Aug-13	27-Aug-13																	
CBB0545AA10	Demo 100-D-86:1 (5,200 BCM) **RAD**	0%	4	03-Sep-13	09-Sep-13																	
CBB0542A10	Demo 100-D-83:5 (14,788 BCM)	0%	16	10-Sep-13	07-Oct-13																	
<b>Loadout</b>																						
100D100A407	Loadout 100-D-100 Tier 3 - Phase 1 - (MHVs - 12,600 Tons)	30%	16	28-Mar-13 A	12-Jun-13																	
100D100A394	Loadout 100-D-100 Tier 1&2 Stockpile Area (35,000 Tons)	15%	9	16-Apr-13 A	13-May-13																	
RD05507110	Loadout 100-D-50:7 (Blue Dot Containers - 2,500 Tons)	0%	2	01-Jul-13*	02-Jul-13																	
100D100A406	Loadout 100-D-100 Tier 1&2 Stockpile Area (1,000 Tons)	0%	1	02-Jul-13*	03-Jul-13																	
100D100A313	Loadout 100-D-100 Tier 3 (Blue Dot Cans - 85,500 Tons)	0%	68	03-Jul-13	31-Oct-13																	
100D100A372	Loadout 100-D-100 Tier 3 (LDR - 65,127 Tons)	0%	91	03-Jul-13	16-Dec-13																	
100D100A312	Loadout 100-D-100 Tier 3 (MHVs - 170,760 Tons)	0%	69	03-Oct-13	11-Feb-14																	
<b>Final Project Closeout</b>																						
RD15060340	Prepare Closure Document for 100-D-50:6	82%	38	06-Feb-13 A	03-Jul-13																	
<b>Utilities (Electrical)</b>																						
100D100A405	Power Pole Relocation - Closeout Docs (MSA Scope)	95%	9	25-Jan-13 A	07-May-13																	
<b>100 H</b>																						
<b>Special Projects</b>																						
HB512A1	Power Line Relocation (100-H REA 138)	100%	0	02-Apr-13 A	24-Apr-13 A																	

█ SPIF Bar   
█ Remaining Work   
█ Critical Remaining Work  
█ Actual Work   
█ Actual Critical Work   
█ Remaining Level of Effort

Data Date: 29-Apr-13

CPP 100-H - Current after FR-539...



①

# Attachment 8

## 100 Area D4/ISS Status

May 9, 2013

### 100-N

**1904-N Sanitary Sewer Lagoon and Lift Station No. 1** – Demolition and loadout of the 1904-N complete. D4 crew has demobilized from the job site.

**100-N Miscellaneous Items** – Removal and disposition of miscellaneous materials and equipment from around the site continue in preparation for D4 demobilization from 100-N.

### 100-D

**183-D Water Treatment Plant** – Demolition and loadout of below grade of Headhouse, flocculation/sedimentation basins, and South clearwell continue

**151-D Electrical Substation** – Demolition and loadout are complete. D4 crew has demobilized from the job site.

### 100-B

**105-B Reactor Fuel Transfer Pit Sediment Removal** – Assisting WCH Surveillance Maintenance and Utilities by supplying technical support for ongoing removal of sediment in the fuel transfer pits of the 105-B Reactor Fuel Storage Basin. Currently awaiting decision to proceed with grouting/fixing the remaining sediment in place.

**105-B Reactor Washpad Annex** – Demolition of the above grade was completed on 4/13. Currently awaiting installation of roof flashing materials to restore cut line on leading edge of the roof.

**151-B Electrical Substation** – Above and below grade demo completed on 5/1. Loadout to complete this week.



# Attachment 9

**^WCH Document Control**

**From:** Warren, David J  
**Sent:** Thursday, May 09, 2013 8:15 AM  
**To:** ^WCH Document Control  
**Subject:** FW: Addition of 100-D-104 to 100-D Air Monitoring Plan

**Attachments:** 100-D AMP.pdf; TEDE Calcs.pdf

Please CHRON this email and the scanned attachments below as Ecology approval to add 100-D-104 site to the scope of the Air Monitoring Plan for 100-D/DR Remaining Sites and Burial Grounds Remedial Actions. Please advise me of the CHRON number as I would like to and write it on the hard copy and enter this as an agreement at the Unit Managers Meeting this afternoon. Thanks.

Dave Warren  
 539-6040



100-D AMP.pdf  
 (635 KB)



TEDE Calcs.pdf  
 (3 MB)

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**From:** Kapell, Arthur (ECY) [<mailto:akap461@ECY.WA.GOV>]  
**Sent:** Monday, May 06, 2013 1:46 PM  
**To:** Warren, David J  
**Cc:** Glossbrenner, Ellwood T; Post, Thomas C; Callison, Stacey W; Boothe, Gabriel; Boyd, Alicia; Martell, John  
**Subject:** RE: Addition of 100-D-104 to 100-D Air Monitoring Plan

Dave,

DOH has just completed their review of the addition of 100-D-104 to the scope of the 100-D Air Monitoring Plan. They have no concerns or issues with the addition. Ecology also has no concerns or issues. Please update the plan and submit our concurrence as an agreement at the next UMM.

Artie Kapell  
 Washington State Department of Ecology  
 Nuclear Waste Program  
 (509) 372-7895  
[akap461@ecy.wa.gov](mailto:akap461@ecy.wa.gov)

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**From:** Warren, David J [<mailto:djwarren@wch-rcc.com>]  
**Sent:** Thursday, April 25, 2013 12:48 PM  
**To:** Kapell, Arthur (ECY)  
**Cc:** Glossbrenner, Ellwood T; Post, Thomas C; Callison, Stacey W  
**Subject:** Addition of 100-D-104 to 100-D Air Monitoring Plan

Artie,

Due to the discovery of reactor components and associated potential for radiological contamination, WCH is requesting to add the 100-D-104 site to the scope of the Air Monitoring Plan (AMP) for 100-D/DR Area Remaining Sites and Burial Grounds Remedial Action. I attached a copy of the AMP in case you don't have it. If you recall from yesterdays meeting the excerpt from the AMP that I handed out contains a special provision (identified in the second to last paragraph of Section 1.1) that specifies 100-D-102 as bounding TEDE calculation for future sites to be added that contain insignificant quantities of radionuclides. It states: Sites with TEDEs that are within or bounded by the TEDE calculation for 100-D-102

can be added to the scope of the AMP via agreement between DOE and Ecology. The Total Effective Dose Equivalent (TEDE) calculation for 100-D-104 is attached, as is the TEDE calc that identifies the bounding TEDE calc for 100-D-102. Stacy and I have compared the data agree that the TEDE for 100-D-104 is indeed within the bounds of the number for 100-D-102. You'll notice that 100-D-104 TEDE lists a potential for Uranium 236 while 100-D-102 does not. Consistent with the language in section 2.0 of the AMP, the quantity of U-236 is negligible ( $6.42E-07$ ), and we expect the total estimated dose for all the 100-D sites to be conservative and reflect the upper bounds of what will actually be encountered during remediation. Please review this request and forward on to the appropriate contacts as necessary. Based on the excerpt from Section 1.1 of the AMP, Ecology concurrence of this e-mail will be entered as an agreement at the UMM. I've also copied Elwood Glossbrenner and Tom Post on this e-mail so they're aware of what's going on. Feel free to contact me or Stacy if you have any questions. Thanks for your time.

Dave Warren  
100-D/H Area EPL  
WCH  
539-6040

<< File: 100-D AMP Final.pdf >>   << File: TEDE 100-D.pdf >>   << File: TEDE D-104.PDF >>

(ERDF) or other approved disposal location. Portable HEPA-filtered enclosures may be used in the characterization of anomalies.

The work scope includes, but is not limited to, remediation of the following waste sites in the 100-D Area: 100-D-8, 100-D-14, 100-D-50:1, 100-D-50:2, 100-D-50:3, 100-D-50:4, 100-D-50:6 and 100-D-50:9, 100-D-63, 100-D-65, 100-D-66, 100-D-72, 100-D-73, 100-D-76, 100-D-84:2, 100-D-85:1, 100-D-85:2, 100-D-86:1, 100-D-86:3, 100-D-102, 100-D-105, 116-DR-3, 116-DR-3, 118-D-2, 128-D-2, 132-D-1, 1607-D2, 1607-D2:5, and 128-D-2. The locations of the sites discussed in this Air Monitoring Plan (AMP) are shown in Figure 1.

\*  
\*  
The 100-D-102 waste site is being added to account for future sites that contain insignificant quantities of radionuclides but that still may require remediation. The site was sampled and results indicate the residual radiological concentrations are well below remedial action goals as identified in the Record of Decisions (EPA 1999, 2000); however, remediation is required for chemical constituents. If additional sites with insignificant quantities of radionuclides are identified that require remediation and are bounded by the inventory identified for the 100-D-102 waste site, the site(s) will be added to the AMP via agreement between the U.S. Department of Energy (DOE) and the Washington State Department of Ecology (Ecology) and will be documented via a subsequent Unit Manager Meeting.

Characterization sampling (e.g., confirmatory sampling, remedial investigation sampling) at radiological contaminated sites is included in the scope of this plan since these activities (e.g., surface sampling, potholing) will generate negligible emissions. The Washington State Department of Ecology (Ecology) will be notified of confirmatory sampling activities at 100-D via the confirmatory sampling work instruction approval process already in place. Additional sites may be added to this air monitoring plan through agreement in the Unit Managers' Meeting. Additionally, if any of the nonradioactive sites in 100-D Area are determined to contain radioactive contamination based on additional information, this air monitoring plan will cover those sites based on concurrence from Ecology.

## 2.0 AIRBORNE SOURCE INFORMATION

There is a potential for particulate radioactive airborne emissions to result from remediation of waste sites in the 100-D Area. The concentrations of the isotopes listed in Attachment 1 represent those that were determined to exist in the waste sites. Other isotopes may also be encountered in negligible amounts during remedial action activities; however, it is expected that the total estimated dose listed in Attachment 1 is conservative and represents the upper bound of what will actually be found during remedial actions.

### 2.1 INVENTORY

The radionuclide inventory and subsequent potential emissions calculations are summarized in Attachment 1. Attachment 1 is a compilation of the inventories and associated estimated dose rates from the following calculations: (1) *Total Effective Dose Equivalent for the Remediation of the 100D/DR Area Burial Grounds and Remaining Sites* (WCH 2007), (2) *Total Effective Dose*



# Attachment 10

Activity ID	Activity Name	% Cmpl	RD	Start	Finish	May 2013					June 2013				July 2013				013
						29	06	13	20	27	03	10	17	24	01	08	15	22	
<b>FY13 CPP 100-N AREA CURRENT</b>																			
<b>Excavation</b>																			
NB587A	Excavation - 100-N-79 (703.12 BCM)	20%	10	04-Mar-13 A	21-May-13														
NB5A1A	Excavation - 100-N-93 (27,000 BCM)	99%	31	28-Mar-13 A	27-Jun-13														
NB5B8A	Excavation - 100-N-84:6 (12,721 BCM)	9%	111	10-Apr-13 A	19-Nov-13														
NB5B4A	Excavation - 100-N-84:2 (15,545 BCM)	8%	45	17-Apr-13 A	24-Jul-13														
NB5092A	Excavation - 100-N-95 (2,256.59 BCM)	20%	4	29-Apr-13 A	09-May-13														
NB599A	Excavation - 100-N-86 (1182.22 BCM)	0%	13	13-May-13	04-Jun-13														
NB597A	Excavation - 628-2 (1,965.73 BCM)	0%	7	05-Jun-13	17-Jun-13														
NB5A4A	Excavation - 600-340 (132.36 BCM)	0%	1	18-Jun-13	18-Jun-13														
NB5B1A	Excavation - 100-N-81 (690 BCM)	0%	4	19-Jun-13	25-Jun-13														
NB594A	Excavation - 100-N-99 (40.33 BCM)	0%	1	26-Jun-13	26-Jun-13														
NB5A3A	Excavation - 100-N-101 (132.36 BCM)	0%	1	27-Jun-13	27-Jun-13														
NB595A	Excavation - 100-N-100 (89.58 BCM)	0%	2	01-Jul-13	02-Jul-13														
NB5B2A	Excavation - 100-N-83 (20,659 BCM)	0%	28	09-Jul-13	26-Aug-13														
NB590A	Excavation - 100-N-91 (4.05 BCM)	0%	1	05-Aug-13*	05-Aug-13														
NB591A	Excavation - 100-N-94 (51.34 BCM)	0%	1	06-Aug-13	06-Aug-13														
<b>Loadout</b>																			
NB587B	Loadout - 100-N-79 (702.57 UST)	20%	10	04-Mar-13 A	21-May-13														
NB536B20	Plume Loadout - 124-N-2 (1000 USTs)	99%	1	28-Mar-13 A	06-May-13														
NB5A1B	Loadout - 100-N-93 (50,000 UST)	99%	31	28-Mar-13 A	27-Jun-13														
NB5B8B	Loadout - 100-N-84:6 (27,987 UST)	9%	111	10-Apr-13 A	19-Nov-13														
NB5B4B	Loadout - 100-N-84:2 (34,200 UST)	8%	45	17-Apr-13 A	24-Jul-13														
NB5092B	Loadout - 100-N-95 (611.56 UST)	20%	4	29-Apr-13 A	09-May-13														
NB599B	Loadout - 100-N-86 (805.42 UST)	0%	13	13-May-13	04-Jun-13														
NB597B	Loadout - 628-2 (4,102.56 UST)	0%	7	05-Jun-13	17-Jun-13														
NB5A4B	Loadout - 600-340 (220 UST)	0%	1	18-Jun-13	18-Jun-13														
NB5B1B	Loadout - 100-N-81 (1,518.0 UST)	0%	4	19-Jun-13	25-Jun-13														
NB594B	Loadout - 100-N-99 (42.1 UST)	0%	1	26-Jun-13	26-Jun-13														
NB5A3B	Loadout - 100-N-101 (220.0 UST)	0%	1	27-Jun-13	27-Jun-13														
NB595B	Loadout - 100-N-100 (49.5 UST)	0%	2	01-Jul-13	02-Jul-13														
NB5B2B	Loadout - 100-N-83 (45,451 UST)	0%	28	09-Jul-13	26-Aug-13														
NB590B	Loadout - 100-N-91 (0.71 UST)	0%	1	05-Aug-13	05-Aug-13														
NB591B	Loadout - 100-N-94 (49.5 UST)	0%	1	06-Aug-13	06-Aug-13														

Actual Work   
 Milestone   
 Actual Milestone  
 Remaining Work   
 % Complete

Data Date: 06-May-13



# Attachment 11

## TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 561	TPA CHANGE NOTICE FORM	Date: April 11, 2013
Document Number, Title, and Revision: DOE/RL-96-17, Remedial Design Report/Remedial Action Work Plan for the 100 Area, Rev. 6		Date Document Last Issued: November 2006
Originator M.S. French (U.S. Department of Energy, Richland Operations Office [DOE])		Phone: (509) 373-9863

**Description of Change:**

Modify text in the *Remedial Design Report/Remedial Action Work Plan for the 100 Area* (DOE/RL-96-17, Rev. 6) to make the document consistent regarding staging and management of land disposal restricted waste.

Mark S. French and Nina Menard and Laura Buelow agree that the proposed change  
**DOE** **Lead Regulatory Agency**  
 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*.

Text is being modified in Section 2.1.6.2, Action-Specific ARARs, in the *Remedial Design Report/Remedial Action Work Plan for the 100 Area*, (DOE/RL-96-17, Rev. 6) to clarify that land disposal restricted waste may be stored in staging piles as allowing in Section 4.5.2. (page 2-16)

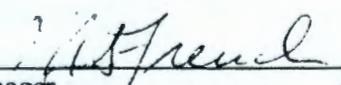
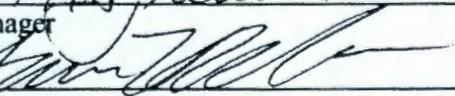
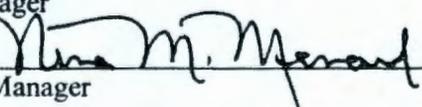
Modified text is attached.

Note: Include affected page number(s)

**Justification and Impacts of Change:**

The *Remedial Design Report/Remedial Action Work Plan for the 100 Area* (DOE/RL-96-17) contains outdated language regarding management of land disposal restricted waste. This change will make the document consistent with Section 4.5.2, Staging Piles, which was added to allow staging of land disposal restricted waste in staging piles.

**Approvals:**

Mark S. French		4/22/13	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
DOE Project Manager		Date	
Laure Buelow		4/23/13	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
EPA Project Manager		Date	
Nina M. Menard		4/23/13	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
Ecology Project Manager		Date	

**Specific Change to Document (TPA-CN-561, page 2)**

Section 2.1.6.2, page 2-16, modify the first bullet as follows:

- **“Use and Management of Containers” (WAC 173-303-630).** The LDR storage prohibition regulations contained in 40 CFR 268.50 requires that wastes that have been taken out of the area of contamination (AOC) and which are subject to LDRs be stored only in containers, tanks, or containment buildings. This regulation also specifies that the storage prohibition does not apply to hazardous remediation waste stored in approved staging piles. Of these ~~three~~ storage options, container storage and staging piles are ~~would be~~ the only practical method for storing toxicity characteristic soil and debris. The LDR contingency plan describes how the storage requirements will be met when storing in containers (Mueller 1996). Section 4.5.2 of this RDR/RAWP establishes requirements for storage of LDR waste in staging piles.



# Attachment 12

170903
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**^WCH Document Control**

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**From:** Saueressig, Daniel G  
**Sent:** Tuesday, April 30, 2013 8:10 AM  
**To:** ^WCH Document Control  
**Subject:** FW: CERCLA WARNING SIGNS  
**Attachments:** CERCLA SIGN AGREEMENT.pdf

Please provide a chron number (and include the attachment). This email documents a regulatory agreement.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326

---

**From:** Chance, Joanne C [mailto:joanne.chance@rl.doe.gov]  
**Sent:** Tuesday, April 30, 2013 7:44 AM  
**To:** Elliott, Wanda; Saueressig, Daniel G  
**Subject:** RE: CERCLA WARNING SIGNS

I concur also. Thanks for the clear documentation on past approvals and the RDR/RAWP.

Joanne C. Chance  
U.S. Department of Energy  
Office of Assistant Manager for River and Plateau  
825 Jadwin Ave / MSIN A3-04  
Richland, WA 99352  
(509) 376-0811

---

**From:** Elliott, Wanda (ECY) [mailto:well461@ecy.wa.gov]  
**Sent:** Tuesday, April 30, 2013 7:20 AM  
**To:** Saueressig, Daniel G; Chance, Joanne C  
**Subject:** RE: CERCLA WARNING SIGNS

I concur.

*Wanda Elliott*  
(509) 372-7904  
Environmental Scientist  
Nuclear Waste Program  
Washington State Department of Ecology

4/30/2013



---

**From:** Saueressig, Daniel G [mailto:dgsauere@wch-rcc.com]  
**Sent:** Tuesday, April 30, 2013 7:14 AM  
**To:** Elliott, Wanda (ECY); Chance, Joanne C  
**Subject:** CERCLA WARNING SIGNS

Wanda/Joanne, we're planning to start work on 600-340 and 628-2 soon and I would like to request your approval to place smaller CERCLA warning signs at the entrance to the sites, consistent with the agreement by EPA (see attached). These sites are near the 100 Area fire station and we believe the smaller signs at the entrance to these sites will still meet the intent of the requirement in the RDR and ensure personnel entering the site are aware of the potential hazards.

Let me know if you concur.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326

<< File: CERCLA SIGN AGREEMENT.pdf >>

164999

**^WCH Document Control**

**From:** Saueressig, Daniel G  
**Sent:** Thursday, April 12, 2012 9:23 AM  
**To:** ^WCH Document Control  
**Cc:** Winterhalder, John A  
**Subject:** FW: Remediation at 26 IU2/IU6 Waste Sites  
**Attachments:** FW Remediation Sampling Backfill and Revegetation of 26 IU-2IU-6 Waste Sites.rtf

Please provide a chron number (and include the attachment). This email documents a regulatory agreement.

Thanks,

Dan Saueressig  
 FR Environmental Project Lead  
 Washington Closure Hanford  
 521-5326

---

**From:** Christopher Guzzetti [mailto:Guzzetti.Christopher@epamail.epa.gov]  
**Sent:** Thursday, April 12, 2012 9:13 AM  
**To:** Winterhalder, John A; Saueressig, Daniel G; Glossbrenner, Ellwood T; Fancher, Jonathan D (Jon); Jakubek, Joshua E  
**Subject:** Re: Remediation at 26 IU2/IU6 Waste Sites

I concur.

Christopher J. Guzzetti  
 U.S. EPA Region 10  
 Hanford Project Office  
 Phone: (509) 376-9529  
 Fax: (509) 376-2396  
 Email: guzzetti.christopher@epa.gov

"Winterhalder, John A" ---04/05/2012 12:11:10 PM---Sorry Chris, forgot to identify the subject for you.  
 Thanks/John

From: "Winterhalder, John A" <jawinter@wch-rcc.com>  
 To: Christopher Guzzetti/R10/USEPA/US@EPA  
 Date: 04/05/2012 12:11 PM  
 Subject: Remediation at 26 IU2/IU6 Waste Sites

---

Sorry Chris, forgot to identify the subject for you.

Thanks/John

>

> From: Winterhalder, John A

4/12/2012

> Sent: Thursday, April 05, 2012 12:05 PM  
> To: Guzzetti, Christopher; 'Glossbrenner, Ellwood T'  
> Cc: Winterhalder, John A; Jakubek, Joshua E  
> Subject:  
>  
>  
> Chris,  
>  
> WCH will soon begin remediation on 26 IU-2/IU-6 waste sites that are  
> dispersed over a relatively portion of land outside of the industrial  
> areas associated with the 100 Area reactors. The attached file  
> provides additional information on the individual waste sites and  
> their locations.  
>  
>  
> The RDR/RAWP for the 100 Area Remaining Sites establishes certain  
> signage requirements for current and post-remediation control over  
> these areas. The disperse nature of these sites makes it impractical  
> to post large signs resonably near the access points to each of these  
> waste sites. As an alternative, we are proposing to post 11 X 17 inch  
> signs at the nearest entrance point to each site. The signs are  
> orange with black lettering, would be laminated for durability, and  
> affixed to a hardback board and T-post at the access point nearest the  
> waste sites. The signs would read:  
>  
> WARNING  
> HAZARDOUS AREA  
> Area May Contain Hazardous Soil  
> Only Authorized Personnel Allowed  
> For Information Call 509-376-7501  
>  
> We believe this approach meets the intent of the institutional  
> controls for signage as they are described in the RDR/RAWP, and would  
> like to proceed accordingly. Ellwood has already looked this over and  
> provided his concurrence. We are seeking your review and concurrence  
> at this time.  
>  
> If you have any questions or would like to discuss this further,  
> please give me a call 554-8933.  
>  
> Thank you,  
> John Winterhalder  
> WCH Field Remediation  
> Environmental Project Lead  
> 100-D/H and IU-2/IU-6  
>  
[attachment "winmail.dat" deleted by Christopher Guzzetti/R10/USEPA/US] [attachment  
"message\_body.rtf" deleted by Christopher Guzzetti/R10/USEPA/US] [attachment "Eco &  
Cult Review for 26 IU2.IU6 Waste Sites.pdf" deleted by Christopher  
Guzzetti/R10/USEPA/US]

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**From:** Glossbrenner, Ellwood T [mailto:ellwood.glossbrenner@rl.gov]  
**Sent:** Thursday, April 05, 2012 11:11 AM  
**To:** Winterhalder, John A  
**Subject:** RE: Remediation, Sampling, Backfill and Revegetation of 26 IU-2/IU-6 Waste Sites

John,

I believe that the intent of institutional controls for signage has been met.

Ellwood

---

**From:** Winterhalder, John A [mailto:jawinter@wch-rcc.com]  
**Sent:** Thursday, April 05, 2012 6:28 AM  
**To:** Glossbrenner, Ellwood T  
**Subject:** RE: Remediation, Sampling, Backfill and Revegetation of 26 IU-2/IU-6 Waste Sites

<< File: Eco & Cult Review for 26 IU2.IU6 Waste Sites.pdf >>

Ellwood, try this one. Thanks/John

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**From:** Glossbrenner, Ellwood T [mailto:ellwood.glossbrenner@rl.gov]  
**Sent:** Wednesday, April 04, 2012 4:18 PM  
**To:** Winterhalder, John A  
**Subject:** RE: Remediation, Sampling, Backfill and Revegetation of 26 IU-2/IU-6 Waste Sites

John,

I don't have permission to access the link below that you sent me. I have access to the [www.wch-rcc.com](http://www.wch-rcc.com) - /empr/ web site. Is there a directory in here where I can access this document? Are we talking about the 100-IU-6 sites?

Ellwood T. Glossbrenner  
509-376-5828

---

**From:** Winterhalder, John A [mailto:jawinter@wch-rcc.com]  
**Sent:** Wednesday, April 04, 2012 3:41 PM  
**To:** Glossbrenner, Ellwood T  
**Cc:** Winterhalder, John A; Jakubek, Joshua E  
**Subject:** Remediation, Sampling, Backfill and Revegetation of 26 IU-2/IU-6 Waste Sites

Ellwood,

WCH will soon begin remediation on 26 IU-2/IU-6 waste sites that are dispersed over a relatively

portion of land outside of the industrial areas associated with the 100 Area reactors. The link below provides additional information on the individual waste sites and their locations.

<http://DMP01.wch-rcc.com/ucm/groups/ias/@docctl/@general/documents/iom/1988019.pdf>

The RDR/RAWP for the 100 Area Remaining Sites establishes certain signage requirements for current and post-remediation control over these areas. The disperse nature of these sites makes it impractical to post large signs resonably near the access points to each of these waste sites. As an alternative, we are proposing to post 11 X 17 inch signs at the nearest entrance point to each site. The signs are orange with black lettering, would be laminated for durability, and affixed to a hardback board and T-post at the access point nearest the waste site. The signs would read:

**WARNING**  
**HAZARDOUS AREA**  
**Area May Contain Hazardous Soil**  
**Only Authorized Personnel Allowed**  
For Information Call 509-376-7501

We believe this approach meets the intent of the institutional controls for signage, and would like to proceed accordingly.

Please let me know what your thoughts are on this and whether you support our taking this to EPA for their concurrence.

If you have any questions or would like to discuss this further, please give me a call 554-8933.

Thank you,  
John Winterhalder  
WCH Field Remediation  
Environmental Project Lead  
For 100-D/H and IU-2/IU-6



# Attachment 13

170993

**^WCH Document Control**

---

**From:** Saueressig, Daniel G  
**Sent:** Thursday, May 09, 2013 11:23 AM  
**To:** ^WCH Document Control  
**Subject:** FW: REQUEST FOR TEMPORARY CONTAINER TRANSFER AREA  
Please provide a chron number. This email documents a regulatory approval.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326

---

**From:** Chance, Joanne C [mailto:joanne.chance@rl.doe.gov]  
**Sent:** Thursday, May 09, 2013 9:40 AM  
**To:** Saueressig, Daniel G  
**Cc:** Elliott, Wanda  
**Subject:** RE: REQUEST FOR TEMPORARY CONTAINER TRANSFER AREA

Hi Dan,

Thanks for answering my few questions. I concur also.

Joanne C. Chance  
U.S. Department of Energy  
Office of Assistant Manager for River and Plateau  
825 Jadwin Ave / MSIN A3-04  
Richland, WA 99352  
(509) 376-0811

---

**From:** Elliott, Wanda (ECY) [mailto:well461@ecy.wa.gov]  
**Sent:** Thursday, May 09, 2013 9:24 AM  
**To:** Saueressig, Daniel G; Chance, Joanne C  
**Subject:** RE: REQUEST FOR TEMPORARY CONTAINER TRANSFER AREA

I concur. Could please let me know when all of the containers have been moved to ERDF?  
Thanks,

*Wanda Elliott*  
(509) 372-7904  
Environmental Scientist  
Nuclear Waste Program  
Washington State Department of Ecology

5/9/2013



---

**From:** Saueressig, Daniel G [<mailto:dgsauere@wch-rcc.com>]  
**Sent:** Thursday, May 09, 2013 8:28 AM  
**To:** Elliott, Wanda (ECY); Chance, Joanne C  
**Subject:** REQUEST FOR TEMPORARY CONTAINER TRANSFER AREA

Wanda/Joanne, I'd like to request your approval to set up a temporary container transfer area near the 100-N fire station to support remediation of 600-340 and 628-2. Let me know if you concur.

Thanks,

Dan Saueressig  
FR Environmental Project Lead  
Washington Closure Hanford  
521-5326



# Attachment 14

Activity ID	Activity Name	TPA	% Cmpl	RD	Start	Finish	M	J	J	A	S	O	N
-------------	---------------	-----	--------	----	-------	--------	---	---	---	---	---	---	---

**100-C-7 Waste Site Remediation**

**Backfill**

BC502C41	100-C-7:1 Post C-7 Work Remaining Material	Y	0%	66	01-Aug-13*	26-Nov-13							
----------	--	---	----	----	------------	-----------	--	--	--	--	--	--	--



Current Bar Labels 
  % Complete 
 ◆ ◆



# Attachment 15

300 Area Closure Project Status  
May 9, 2013  
100/300 Area Combined Unit Manager Meeting

**Ongoing Activities**

- 309 Reactor – Core drilling, lower reactor space interference removal, and shoring installation ongoing,
- 340 Complex:
  - Characterization samples of contaminated soils under the vault have been collected, data pending.
  - Mobilization to install probes underneath the vault has been initiated, dose profile results pending.
- 324 – Preparing to load test the B Cell crane rails, continue min-safe operations.

**Demolition & Remediation Preparation Activities**

- 326 Building – Hazardous material and asbestos nearing completion, hot-cell and glove-box stabilization initiated.
- 3701D – Preparing for below-grade demolition.
- 331C – Above-grade demolition completed, below-grade demolition pending.
- 331D – Above-grade demolition completed, below-grade demolition initiated.
- 3730 – Completed hot cell macroencapsulation, shipment to ERDF pending.
- Field Remediation – Field work associated with final phase of remediation south of Apple suspended to September, remediation design ongoing.

**60-Day Project Look Ahead**

- Complete plume characterization beneath the 340 Vault and resume preparations for lift and transport to ERDF.
- Continue 309 PRTR reactor removal preparations.
- Continue preparations for demolition of the 326 Building.
- Complete demolition of 331G, and 331H
- Initiate above-grade demolition of 326.



# Attachment 16

## ESH&QA Mission Completion Project

May 9, 2013

### **Long-Term Stewardship**

- Initiated drafting of the Segment 5/400 Area Interim Remedial Action Report.
- The Draft A 100-FR-1 Operable Unit Interim Remedial Action Report is currently under review by RL and EPA.

### **100-K Shoreline Characterization**

- Comments on the *Cultural Resource Review for the Nature and Extent Characterization at Waste Sites 100-K-64 and 100-K-111 in the 100-K Area of the Hanford Site, Benton County, Washington* (HCRC#2013-100-008) are being resolved. The report is expected to be issued on May 13. The field work is anticipated to begin by the end of May.

### **Document Review Look-Ahead**

- None

