

**Well Priority List for CY 2003 through 2006
(Column Explanation is Provided on Page 3)**

The following list of wells represents the results of data quality objective (DQO) processes and negotiations between the U.S. Department of Energy, Richland Operations, the U.S. Department of Energy Office of River Protection (ORP), the State of Washington, Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (EPA). The list will be used to determine the priority for wells drilled between CY 2003 through CY 2006 under Tri-Party Agreement Interim Milestone M-024-57 and may be amended through yearly discussions. These annual discussions will use the process described in Tri-Party Agreement Change Request M-24-02-02 for wells drilled under Tri-Party Agreement Milestone M-024-57. RL and ORP, through their contractors may drill any of the 60 wells included in Tri-Party Agreement Major Milestone M-024-57 (as amended through the yearly negotiation process described in TPA Change M-24-02-02) in any calendar year, provided the mandated rate of 15 wells/year is maintained through CY 2006. This list will be maintained on a yearly basis and will continue to describe a three-year rolling schedule for planning purposes. Wells drilled from CY 2007 through CY 2009 will be negotiated no later than CY 2006 and will be designated as Tri-Party Agreement Major Milestone M-024-58. The M-024 milestone series will be considered complete when the parties agree that sufficient wells are in place to meet RCRA and CERCLA regulations for groundwater monitoring, groundwater protection and groundwater remediation. Changes to the Well Priority List will be approved at the Project Manager's level.

Column explanations are provided on page 3.

Well Priority	Well Name	Proposed CY of Installation	Program/Facility Name/ Location	Justification/Purpose	Deep Borehole	Comments
1	C-1	2003	RCRA ORP/WMA C SST/north end of WMA perimeter	Site in detection. Upgradient detection/ complete point of compliance (POC) network.		ORP RCRA Detection
2	C-2	2003	RCRA ORP/WMA C SST/southwest of WMA perimeter	Site in detection. Contaminant detection/ complete downgradient POC coverage.		ORP RCRA Detection
3	C-3	2003	RCRA ORP/WMA C SST/south of WMA perimeter	Site in detection. Contaminant detection/ complete downgradient POC coverage.		ORP RCRA Detection
4	C-4	2003	RCRA ORP/WMA C SST/south of WMA perimeter	Site in detection. Contaminant detection/ complete downgradient POC coverage.		ORP RCRA Detection
5	A-1	2003	RCRA ORP/WMA A-AX SST/southeast of WMA perimeter	Site in detection. Contaminant detection/ complete downgradient POC coverage.		ORP RCRA Detection. GPR southeast corner to select location. Results from this well will be evaluated prior to determining need and location for another well.
6	A-2	2003	RCRA ORP/WMA A-AX SST/northwest of WMA perimeter	Site in detection. Upgradient detection/ complete (POC) network.		ORP RCRA Detection

Well Priority	Well Name	Proposed CY of Installation	Program/Facility Name/ Location	Justification/Purpose	Deep Borehole	Comments
7	S10-1	2003	RCRA RL/216-S-10 Ditch/ mid-section of ditch on south side of WMA perimeter	Site in Detection. Opportunity to integrate with CERCLA borehole drilling in FY03		RL Detection (non tank farm)
8	ZP-2	2003	CERCLA/ZP-1 OU	ZP-1 OU Pump and Treat requires replacement for extraction well #4		RL CERCLA
9	ZP-3	2003	CERCLA/ZP-1 OU	ZP-1 OU Pump and Treat requires replacement for extraction well #1		RL CERCLA
10	ZP-1	2003	CERCLA/ZP-1 OU/Z-9 Crib	DNAPL investigation.	X	RL CERCLA
11	KR-1	2003	CERCLA/100-KR-4 OU/River	Chromium extraction/performance monitoring		RL CERCLA
12	KR-2	2003	CERCLA/100KR-4 OU/River	Chromium monitoring well		RL CERCLA
13	HR-1	2003	CERCLA/100 HR-3 OU/River	Chromium monitoring well		RL CERCLA
14	HR-2	2003	CERCLA/100HR-3 OU/River	Chromium monitoring well		RL CERCLA
15	HR-3	2003	CERCLA/100HR-3 OU/River	Chromium monitoring well		RL CERCLA
16	UP-1	2004	CERCLA/200-UP-1 OU/ south of U-17 Crib (K)	Install Well "K" identified on map in Appendix A, DOE/RL-2002-17, Rev. 0.		RL CERCLA
17	S-1	2004	RCRA RL/WMA S- SX/southeast corner, south of 299-W22-46	Site in Assessment. Delineate existing plume(s)/complete assessment network	X	RL RCRA Assessment
18	T-1	2004	RCRA RL/WMA T/deep twin to 299-W11-39, northeast corner of WMA	Site in Assessment. Delineate existing plume(s)/deep characterization	X	RL RCRA Assessment
19	TX-1	2004	RCRA RL/WMA TX-TY/deep twin to 299-W14-13, east of WMA perimeter	Site in Assessment. Delineate existing plume(s)/deep characterization	X	RL RCRA Assessment
20	A-3	2004	RCRA ORP/WMA A-AX SST/west of WMA perimeter	Site in detection. Upgradient detection/ complete (POC) network.		ORP Detection
21	B-1	2004	RCRA ORP/WMA B-BX-BY SST/ south side of 241-BX perimeter	Site in assessment. Contaminant detection/ complete downgradient POC coverage.		ORP Detection
22	B-2	2004	RCRA ORP/WMA B-BX-BY SST/ south side of 241-B perimeter	Site in assessment. Contaminant detection/ complete downgradient POC coverage.		ORP Detection
23	B-3	2004	RCRA ORP/WMA B-BX-BY	Site in assessment. Contaminant		ORP Detection

Well Priority	Well Name	Proposed CY of Installation	Program/Facility Name/ Location	Justification/Purpose	Deep Borehole	Comments
			SST/east side of 241-B perimeter	detection/ complete downgradient POC coverage.		
24	U-1	2004	RCRA ORP/WMA U SST/northeast side of WMA perimeter	Site in assessment. Contaminant detection/ complete downgradient POC coverage.		ORP Detection.
25	U-2	2004	RCRA RL/WMA U/southeast corner, deep twin to 299-W19-41	Site in Assessment. Delineate existing plume(s)/deep characterization	X	RL RCRA Assessment
26-30	ZP-# UP-#	2004	CERCLA/200-ZP-1 and 200-UP-1 locations TBD	Wells identified in Appendix A, DOE/RL-2002-17, Rev. 0.		RL CERCLA
31-41	ZP-# UP-#	2005	CERCLA/200-ZP-1 and 200-UP-1 locations TBD	Wells identified in Appendix A, DOE/RL-2002-17, Rev. 0.		RL CERCLA
42-58	LLBG-1 - 17	Wells 42-45 =2005 Wells 46-58= 2006	RCRA RL/ LLBG/200 West Area LLWMA 3 and 4 perimeter	Seventeen well proposals currently being negotiated as part of LLBG Part-B Permit application. Installation of wells dependent on approval and issuance of Part-B (after 2003)		RL RCRA LLBG (17 proposed locations)

Table Explanation:

Column 1, **Well Priority**, 1-60, is the overall priority in numeric order.

Column 2, **Well Name (temporary)**, is composed of a letter identifying the site (TSD Facility or Operable Unit), followed by a sequential number for identification.

Column 3 is the **proposed calendar year of installation**.

Column 4, **Program/Facility Name/Location**, defines the program (RCRA-ORP, RCRA-RL or CERCLA), the facility name, and a general location.

Column 5, **Justification/Purpose**, provides the justification and purpose of the well. Note that completing a network assumes no significant change in water table elevation and direction of groundwater flow. Details of the rationale and construction are found in the supporting DQO documents. Wells 59 and 60 are reserved for 200-BP-05 and/or BC Crib monitoring., subject to affirmation through a future DQO process