



Department of Energy
Richland Operations Office
P.O. Box 550
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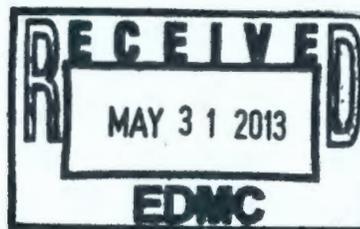
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13-AMRP-0190

MAY 28 2013

Ms. J. A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
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Richland, Washington 99354

Mr. D. A. Faulk, Program Manager
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Richland, Washington 99352



Addressees:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND
CONSENT ORDER (TRI-PARTY AGREEMENT) MILESTONE M-024-58 FOR
CALENDAR YEAR 2013

This letter is to notify the State of Washington Department of Ecology and U.S. Environmental Protection Agency of the completion of Tri-Party Agreement Milestone M-024-58 for Calendar Year 2013.

Tri-Party Agreement Milestone M-024-58 requires the U.S. Department of Energy Richland Operations Office (RL) to initiate annual discussions of well commitments, to reaffirm the selected wells and recommend any new well installations needed to maintain a three-year rolling prioritized drilling schedule consistent with sitewide clean-up priorities by June 01 of each year. This letter documents the meeting held on May 20, 2013, that initiated the required discussions for Calendar Year 2013 by providing an initial proposed well drilling scope/schedule, thus meeting Tri-Party Agreement Milestone M-24-58 for Calendar Year 2013. Well installations through Calendar Year 2017 are proposed in the attachment. Follow-on meetings are scheduled to complete discussions by August 01, 2013, as required by Target Date M-024-63-T01.

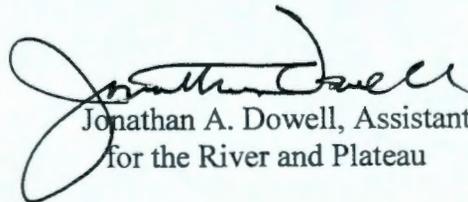
Addressees
13-AMRP-0190

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MAY 28 2013

If you have any questions, please contact me or your staff may contact Briant Charboneau, of my staff, on (509) 373-6137.

Sincerely,


Jonathan A. Dowell, Assistant Manager
for the River and Plateau

AMRP:KMT

Attachment

cc w/attach:

G. Bohnee, NPT
R. Buck, Wanapum
L. E. Gadbois, EPA
S. Harris, CTUIR
S. Hudson, HAB
R. Jim, YN
N. M. Menard, Ecology
K. Niles, ODOE
J. B. Price, Ecology
D. Rowland, YN
D. G. Singleton, Ecology
Administrative Record
Environmental Portal

cc w/o attach:

M. J. Cherry, CHPRC
L. M. Dittmer, CHPRC
R. H. Engelmann, CHPRC
B. J. Howard, BABS
R. A. Kaldor, MSA
T. W. Noland, MSA
R. E. Piippo, MSA

**Attachment 1
CY 2014 - CY 2016 Monitoring Wells**

# priority list	#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TPA Calendar Year
	1	C7626	100-HR-3	199-H3-6	100-HR-3 #6	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	2	C7627	100-HR-3	199-H3-7	100-HR-3 #7	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	3	C7628	100-HR-3	199-H6-3	100-HR-3 #8	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	4	C7629	100-HR-3	199-H6-4	100-HR-3 #9	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	5	C7630	100-HR-3	199-H1-7	100-HR-3 #10	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	6	C7631	100-HR-3	199-H2-1	100-HR-3 #11	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	7	C7639	100-HR-3	199-H3-9	100-HR-3 #13	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	8	C7640	100-HR-3	199-H3-10	100-HR-3 #14	100-HR-3-H	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	9	C8375	100-HR-3	199-D5-143	100-HR-3 #16	100-HR-3	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 5/10/2011	CY 2014 M-24 Well
	10	C8187	100-NR-2	199-N-185	100-NR-2 #4	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	11	C8184	100-NR-2	199-N-182	100-NR-2 #1	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	12	C8185	100-NR-2	199-N-183	100-NR-2 #2	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	13	C8186	100-NR-2	199-N-184	100-NR-2 #3	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	14	C8188	100-NR-2	199-N-186	100-NR-2 #5	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	15	C8189	100-NR-2	199-N-187	100-NR-2 #6	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	16	C8190	100-NR-2	199-N-188	100-NR-2 #7	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	17	C8191	100-NR-2	199-N-189	100-NR-2 #8	100-NR-2	Obtain Data Supporting the CERCLA RI/FS Process	Accepted 9/29/2011	CY 2014 M-24 Well
	18	C8204	RCRA	299-E26-14	RCRA	200-BP-5	LERF Monitoring Well - North of facility	Accepted 9/29/2011	CY 2014 M-24 Well
	19	C8201	RCRA	299-W9-2	RCRA	200-ZP-1	LLWMA-3 Monitor Mixed-Waste Trenches 31 and 34, Up-gradient	Accepted 9/29/2011	CY 2014 M-24 Well
	20	C8241	200-UP-1	299-W22-96	200-UP-1	200-UP-1	Monitoring Well in 200-UP-1 Groundwater OU	Accepted 10/19/2011	CY 2014 M-24 Well
	21	C8668	100-HR-3	199-D5-144	WFO #1	100-HR-3	Replacement well 100-D-12 RI/FS	Accepted 11/9/2011	CY 2014 M-24 Well
	22	C8242	200-BP-5	299-E33-267	200-BP-5	200-BP-5	Monitoring well in the 200-BP-5 Groundwater OU	Accepted 2/15/2012	CY 2014 M-24 Well
	23	C8725	100-HR-3	199-D5-145	100-HR-3 #1	100-HR-3-D	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
	24	C8728	100-HR-3	199-D5-148	100-HR-3 #2	100-HR-3-D	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
	25	C8727	100-HR-3	199-D5-147	100-HR-3 #3	100-HR-3-D	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
	26	C8726	100-HR-3	199-D5-146	100-HR-3 #4	100-HR-3-D	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
	27	C8723	100-HR-3	199-H4-85	100-HR-3 #5	100-HR-3-H	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
	28	C8724	100-HR-3	199-H4-86	100-HR-3 #6	100-HR-3-H	WCH replacement monitoring wells	FY 2013 to be Accepted April 2013	CY 2014 M-24 Well
0020	29	C8779	100-BC-5	199-B5-9	100-BC-5 #1	100-BC-5 Northeast of	Addition to well monitoring network as specific in revised 100-BC-1, 100-BC-	FY 2013 / 2014	CY 2014
0021	30	C8780	100-BC-5	199-B5-10	100-BC-5 #2	100-BC-5 Northeast of 100-C-7:1 (near site)	Addition to well monitoring network as specific in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2014 M-24 Well

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CY 2014 - CY 2016 Monitoring Wells

# priority list	#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TPA Calendar Year
0022	31	C8781	100-BC-5	199-B5-11	100-BC-5 #3	100-BC-5 Northeast of 100-C-7 (mid-distance)	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0023	32	C8782	100-BC-5	199-B5-12	100-BC-5 #4	100-BC-5 Northeast of 100-C-7 (mid-distance)	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0024	33	C8783	100-BC-5	199-B5-13	100-BC-5 #5	100-BC-5 Partner with 199-B5-1	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0025	34	C8776	100-BC-5	199-B4-16	100-BC-5 #6	100-BC-5 East of central	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0026	35	C8777	100-BC-5	199-B4-17	100-BC-5 #7	100-BC-5 East of central	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0027	36	C8784	100-BC-5	199-B5-14	100-BC-5 #8	100-BC-5 West of central	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0028	37	C8785	100-BC-5	199-B5-15	100-BC-5 #9	100-BC-5 West of central	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0029	38	C8778	100-BC-5	199-B4-18	100-BC-5 #10	100-BC-5 Partner with 199-B4-7	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0030	39	C8775	100-BC-5	199-B2-17	100-BC-5 #11	100-BC-5 Between 199 B2 16 and 199 B2 13	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	FY 2013 / 2014	CY 2015 M-24 Well
0002	42	C8772	RCRA	699-24-36	RCRA #1 - FY 2014	200-PO-1 NRDWL/SWL RCRA	NRDWL/SWL monitoring well - upgradient New upgradient well for final status plan		CY 2015 M-24 Well
0003	43	C8200	RCRA	699-25-34E	RCRA #2 - FY 2014	200-PO-1 NRDWL/SWL RCRA	NRDWL/SWL monitoring well - Replace Dry Well 699-25-34C Downgradient		CY 2015 M-24 Well
0004	44	C8774	RCRA	699-26-38	RCRA #3 - FY 2014	200-PO-1 NRDWL/SWL RCRA	NRDWL/SWL monitoring well - upgradient New upgradient well for final status plan		CY 2015 M-24 Well
0008	40	C8203	RCRA	299-W22-94	RCRA #4 - FY 2014	SST S-SX RCRA	Existing RCRA monitoring well 299-W22-48 dry. This well is on the south boundary of the plume from the S Tank Farm and has low concentrations of technetium-99, nitrate, and chromium.		CY 2015 M-24 Well
0013	41	C8240	RCRA	299-W22-95	RCRA #5 - FY 2014	SST S-SX	Downgradient Existing RCRA monitoring well 299-W22-26 is dry (FY 2013). It is located on the east side of the 216-S-9 Crib downgradient from the S Tank Farm. This monitoring point is being relocated to the north side of the 216-S-9 Crib in anticipation that the groundwater flow direction will change from east to east-northeast in response to the 200-ZP-1 P&T activities.		CY 2015 M-24 Well
0001	45	TBD	200-BP-5	TBD	Modutank #1	200-BP-5 RCRA	Modutank Monitoring Wells required FY 2015 / FY 2016		CY 2015 M-24 Well
0005	46	TBD	200-BP-5	TBD	Modutank #2	200-BP-5 RCRA	Modutank Monitoring Wells required FY 2015 / FY 2016		CY 2015 M-24 Well
0006	47	TBD	200-BP-5	TBD	Modutank #3	200-BP-5 RCRA	Modutank Monitoring Wells required FY 2015 / FY 2016		CY 2015 M-24 Well
0009	48	TBD	200-BP-5	TBD	Modutank #4	200-BP-5 RCRA	Modutank Monitoring Wells required FY 2015 / FY 2016		CY 2015 M-24 Well
	49	C8730	100-HR-3	199-D5-150	100-HR-3	100-HR-3 - WCH #1	WCH replacement monitoring wells 100-D-100 along NE upgradient edge - replacing 199-D5-144	FY 2015	CY 2015 M-24 Well
	50	C8731	100-HR-3	199-D5-151	100-HR-3	100-HR-3 - WCH #2	WCH replacement monitoring wells - N side of the 100-D-100 - replacing 199-D5-99	FY 2015	CY 2015 M-24 Well
	51	C8732	100-HR-3	199-D5-152	100-HR-3	100-HR-3 - WCH #3	WCH replacement monitoring wells E side of 100-D-100 former hotspot - replacing 199-D5-122	FY 2015	CY 2015 M-24 Well
	52	C8733	100-HR-3	199-H4-87	100-HR-3	100-HR-3 - WCH #4	WCH replacement monitoring wells - replacing 199-H4-48	FY 2015	CY 2015 M-24 Well
	53	C8734	100-HR-3	199-H4-88	100-HR-3	100-HR-3 - WCH #5	WCH replacement monitoring wells - replacing 199-H4-7	FY 2015	CY 2015 M-24 Well
	54	C8735	100-HR-3	199-H4-89	100-HR-3	100-HR-3 - WCH #6	WCH replacement monitoring wells - replacing 199-H4-9	FY 2015	CY 2015 M-24 Well
	55	C8729	100-HR-3	199-D5-149	100-HR-3	100-HR-3 - WCH #7	WCH replacement monitoring wells - area S of 183-D clearwells to provide downgradient monitoring of the N portion of 100-D-100 - replacing 199-D5-120	FY 2015	CY 2015 M-24 Well
0007	56	TBD	200-PO-1	TBD	200-PO-1 #1	200-PO-1 / NRDWL RCRA	1 of up to 4 farfield downgradient monitoring wells located in a slanted line on the east side of NRDWL and SWL.		CY 2015 M-24 Well
0010	57	TBD	200-PO-1	TBD	200-PO-1 #2	200-PO-1 / NRDWL RCRA	1 of up to 4 farfield downgradient monitoring wells located in a slanted line on the east side of NRDWL and SWL.		CY 2015 M-24 Well
0011	58	TBD	200-PO-1	TBD	200-PO-1 #3	200-PO-1 / NRDWL RCRA	1 of up to 4 farfield downgradient monitoring wells located in a slanted line on the east side of NRDWL and SWL.		CY 2015 M-24 Well
0012	59	TBD	200-PO-1	TBD	200-PO-1 #4	200-PO-1 / NRDWL RCRA	1 of up to 4 farfield downgradient monitoring wells located in a slanted line on the east side of NRDWL and SWL.		CY 2015 M-24 Well
0043	60	C8736	100-HR-3	199-D3-6	100-HR-3 #1	100-HR-3 - DH-06	Delineation of Cr(VI) plume along S edge of plume at 100-D		CY 2015 M-24 Well

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CY 2014 - CY 2016 Monitoring Wells

# priority list	#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TPA Calendar Year
0050	61	C8787	100-HR-3	199-H4-90	100-HR-3 #2	100-HR-3 HX IRM, DH-01, S H3-10	Delineation of Cr(VI) plume within the RUM. Hot spot of contamination at 100-H is located within the RUM. 100-H plume to the southwest, located to the south of H3-10 and Solar Evap. Basin, keep within the RUM low associated with that area.		CY 2016 M-24 Well
0052	62	C8788	100-HR-3	199-H4-91	100-HR-3 #3	100-HR-3 HX IRM, DH-10, S H3-9	Delineation of Cr(VI) plume within the RUM. Hot spot of contamination at 100-H is located within the RUM. 100-H Plume to the south, located south of H3-9, near the River, and within the RUM low in that area.		CY 2016 M-24 Well
0059	63	C8793	100-HR-3	699-97-60	100-HR-3 #4	100-HR-3 - DH-08, downgradient 699-97-48C	Delineation of Cr(VI) plume within the RUM - in the HORN by 199-D3-5		CY 2016 M-24 Well
0060	64	C8794	100-HR-3	699-97-61	100-HR-3 #5	100-HR-3 - DH-09, upgradient 699-97-48C	Delineation of Cr(VI) pume within the RUM - in the HORN		CY 2016 M-24 Well
0044	65	C8289	100-KR-4	199-K-202	100-KR-4 #1	100-KR-4	There are no remaining monitoring wells within the extreme concentration Sr-90 plume downgradient of the former 105-KE fuel storage basin. Well 199-K-141 has exhibited rapidly-increasing Sr-90 concentration since starting extraction at that location. This plume is unmonitored and migration of Sr-90 poses a risk to continued successful operation of the 100-KX P&T system		CY 2016 M-24 Well
0045	66	C8290	100-KR-4	199-K-203	100-KR-4 #2	100-KR-4	There are no remaining monitoring wells within the extreme concentration C-14 plume downgradient of the former 116-KE-1 Gas Dryer Condensate CribWell 199-K-141 has exhibited increasing C-14 concentration since starting extraction at that location. This plume is unmonitored; migration of C-14 and potential interception of the plume by extraction wells poses a risk to continued successful operation of the 100-KX P&T system.		CY 2016 M-24 Well
0046	67	C8291	100-KR-4	199-K-204	100-KR-4 #3	100-KR-4	There are no monitoring wells in this area that transport estimates indicate contains the highest estimated C-14 concentration plume at 100-K. Migration of C-14 toward the river and potential interception of the plume by extraction wells poses a risk to continued successful operation of the 100-KW P&T system.		CY 2016 M-24 Well
0013	68	TBD	RCRA	TBD	RCRA 100-NR-2 #1	Downgradient well for 1301-N RCRA	Downgradient well for 1301-N		CY 2016 M-24 Well
0014	69	TBD	RCRA	TBD	RCRA 100-NR-2 #2	Downgradient well for 1301-N RCRA	Downgradient well for 1301-N		CY 2016 M-24 Well
0015	70	TBD	RCRA	TBD	RCRA 100-NR-2 #3	Upgradient well for 1325-N RCRA	Upgradient well for 1325-N		CY 2016 M-24 Well
0016	71	TBD	RCRA	TBD	RCRA 100-NR-2 #4	Downgradient well for 1325-N RCRA	Downgradient well for 1325-N		CY 2016 M-24 Well
0017	72	TBD	RCRA	TBD	RCRA 100-NR-2 #5	Downgradient well for 1325-N RCRA	Downgradient well for 1325-N		CY 2016 M-24 Well
0018	73	TBD	RCRA	TBD	RCRA 100-NR-2 #6	Downgradient well for 1325-N RCRA	Downgradient well for 1325-N		CY 2016 M-24 Well
0019	74	TBD	RCRA	TBD	RCRA 100-NR-2 #7	Upgradient well for 1301-N RCRA	Upgradient well for 1301-N		CY 2016 M-24 Well
0065	75	TBD	200-PO-1	TBD	200-PO-1 to be funded by Tank farm	200-PO-1 RCRA	Replace decommissioned RCRA well 299-E25-236. Characterize nature of perch horizon, which is associated with accelerated casing corrosion at three nearby wells.		CY 2016 M-24 Well
0081	76	C8294	100-KR-4	199-K-207	100-KR-4 #1	100-KR-4	High residual vadose zone contamination by tritium was observed at the completion of soil RTD at the burial ground in the vicinity. No monitoring wells currently provide observation of potential ongoing contributions to groundwater contamination. Groundwater monitoring and vadose zone release detection.		CY 2016 M-24 Well
0082	77	C8296	100-KR-4	199-K-209	100-KR-4 #2	100-KR-4	Unmonitored area between inland monitoring wells that exhibit hexavalent chromium in excess of the 20 ug/L interim RAO. Groundwater monitoring and potential extraction		CY 2016 M-24 Well
0083	78	C8295	100-KR-4	199-K-208	100-KR-4 #3	100-KR-4	Downgradient of 116-KE-1 and 118-K-1. Previously-identified RPO well Apparent preferential groundwater flow pathway from 116-KE-1 to the river.		CY 2016 M-24 Well
0084	79	C8298	100-KR-4	199-K-211	100-KR-4 #4	100-KR-4	Riverward of 199-K-210. Previously-identified RPO well. Improve hexavalent chromium plume depiction in this vicinity		CY 2016 M-24 Well
0079	80	C8796	100-KR-4	199-K-221	100-KR-4 041 #1	100-KR-4 Plume Delineation	Monitor potential release of Sr-90 from vadose zone beneath 116-KE-3 Crib/Reverse Well		CY 2016 M-24 Well
0080	81	C8797	100-KR-4	199-K-122	100-KR-4 041 #2	100-KR-4 Plume Delineation	Monitor potential release of Sr-90 from other fission products from vadose zone beneath UPR-100-K-1		CY 2016 M-24 Well
0061	82	TBD	200-BP-5	TBD	RCRA	200-BP-5 RCRA	Replacement well for non-WAC compliant well 299-E33-18, decommissioned FY 2013 Permit conditions for WMA B/BX/BY.		CY 2016 M-24 Well
0062	83	TBD	200-BP-5	TBD	RCRA	200-BP-5 RCRA	Replacement well for non-WAC compliant well 299-E27-7. Permit conditions for WMA C.		CY 2016 M-24 Well
0064	84	TBD	200-UP-1	TBD	RCRA	200-UP-1 WMA U, adjacent to 299-W18-30 RCRA	Existing RCRA monitoring well 299-W18-30 is forecast to become dry anytime (FY 2013). It is the northernmost well in the monitoring network. This will become an important monitoring location in the future because the groundwater flow direction at WMA U is expected to change from east to northeast in response to the 200-ZP-1 P&T activities		CY 2016 M-24 Well
0066	85	TBD	200-BP-5	TBD	200-BP-5 #1	200-BP-5	NE Downgradient well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY between well 299-E33-37 and the 207-B Retention Basin at top of aquifer		CY 2016 M-24 Well
0067	86	TBD	200-BP-5	TBD	200-BP-5 #2	200-BP-5	Center Downgradient well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY between well 299-E33-37 and the 207-B Retention Basin at top of aquifer		CY 2016 M-24 Well
0071	87	TBD	200-BP-5	TBD	200-BP-5 #3	200-BP-5	SW Downgradient well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY between well 299-E33-37 and the 207-B Retention Basin at top of aquifer		CY 2016 M-24 Well
0075	88	TBD	200-BP-5	TBD	200-BP-5 #4	200-BP-5	Deep Downgradient well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY between well 299-E33-37 and the 207-B Retention Basin at top of aquifer		CY 2016 M-24 Well
0068	89	TBD	200-BP-5	TBD	200-BP-5 #5	200-BP-5 Farfield Well SE of WMA B/BX/BY #1	NE Three additional farfield wells are recommended between well 299-E27-19 and 299-E28-5.		CY 2016 M-24 Well
0072	90	TBD	200-BP-5	TBD	200-BP-5 #6	200-BP-5 Farfield Well SE of WMA B/BX/BY #2	C Three additional farfield wells are recommended between well 299-E27-19 and 299-E28-5.		CY 2016 M-24 Well

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CY 2014 - CY 2016 Monitoring Wells

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0076	91	TBD	200-BP-5	TBD	200-BP-5 #7	200-BP-5 Farfield Well SE of WMA B/BX/BY #3	SW Three additional farfield wells are recommended between well 299-E27-19 and 299-E28-5.		CY 2017 M-24 Well
0070	92	TBD	200-BP-5	TBD	200-BP-5 #8	Nearfield well 216-B-12 Crib	Three nearfield wells are recommended southeast, east, and northeast of the 216-B-12 Crib. The recommend depth is between 22 to 32 feet within the aquifer. The purpose to monitor the extent of nitrate, tritium, and uranium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0073	93	TBD	200-BP-5	TBD	200-BP-5 #9	Nearfield well 216-B-12 Crib	Three nearfield wells are recommended southeast, east, and northeast of the 216-B-12 Crib. The recommend depth is between 22 to 32 feet within the aquifer. The purpose to monitor the extent of nitrate, tritium, and uranium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0077	94	TBD	200-BP-5	TBD	200-BP-5 #10	Nearfield well 216-B-12 Crib	Three nearfield wells are recommended southeast, east, and northeast of the 216-B-12 Crib. The recommend depth is between 22 to 32 feet within the aquifer. The purpose to monitor the extent of nitrate, tritium, and uranium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0070	95	TBD	200-BP-5	TBD	200-BP-5 #11	Nearfield well 216-B-6 Injection Well	Three nearfield wells are recommended southwest, south, and southeast of the 216-B-6 Injection Well. The recommend depth is between at the bottom of the aquifer. The purpose to monitor the extent of nitrate and tritium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0074	96	TBD	200-BP-5	TBD	200-BP-5 #12	Nearfield well 216-B-6 Injection Well	Three nearfield wells are recommended south, southeast, and east of the 216-B-6 Injection Well. The recommend depth is between at the bottom of the aquifer. The purpose to monitor the extent of nitrate and tritium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0078	97	TBD	200-BP-5	TBD	200-BP-5 #13	Nearfield well 216-B-6 Injection Well	Three nearfield wells are recommended south, southeast, and east of the 216-B-6 Injection Well. The recommend depth is between at the bottom of the aquifer. The purpose to monitor the extent of nitrate and tritium contamination found during BP-5 RI drilling and sampling at this depth.		CY 2017 M-24 Well
0085	98	TBD	100-KR-4	TBD	100-KR-4	100-KR-4 Plume Delineation	Monitor potential release of C-14, H-3, nitrate from vadose zone, beneath 116-KW-1 Gas Condensate Crib		CY 2017 M-24 Well
0087	99	TBD	100-KR-4	TBD	100-KR-4	100-KR-4 Plume Delineation	Monitor potential release of C-14, H-3, nitrate from vadose zone, beneath 116-KE-1 Gas Condensate Crib		CY 2017 M-24 Well
0088	100	TBD	CERCLA	TBD	100-NR-2	100-NR-2	As close to original location as possible - As close to original location 199-N-80		CY 2017 M-24 Well
	101	C8202	200-UP-1	299-W22-93	RCRA	200-UP-1 WMA S-SX	Existing RCRA monitoring well 299-W22-44 is forecast to become sample dry during 2013. It is within the plume from the S Tank Farm and is the nearest downgradient well from the source (tank S-104). It is also adjacent to extraction well 299-W22-90, so 299-W22-44 (or its replacement) will also be used as a remedy performance well. The replacement well, 299-W22-93, is already staked in the field. Well 299-W22-44 is listed for quarterly sampling in DOE/RL-2009-73. A SAP has been prepared that specifies the samples to be collected during drilling (DOE/RL-2010-130).		CY 2017 M-24 Well
0092	102	TBD	200-UP-1	TBD	RCRA	WMA S-SX	SST S-SX monitoring well east of SX Farm Replacement well 299-W22-50 going dry FY 2014/2015		CY 2017 M-24 Well
0092	103	TBD	200-UP-1	TBD	RCRA	WMA S-SX	SST S-SX monitoring well east of SX Farm Replacement well 299-W22-49 going dry FY 2015/2016		CY 2017 M-24 Well
0092	104	TBD	200-UP-1	TBD	RCRA	WMA U	SST S-SX monitoring well east of SX Farm Replacement well 299-W19-12, not RCRA/WAC compliant		CY 2017 M-24 Well
0089	105	TBD	200-ZP-1	TBD	RCRA	200-ZP-1	200-ZP-1 RCRA Monitoring Well		CY 2017
0095	106	TBD	200-ZP-1	TBD	RCRA	200-ZP-1	200-ZP-1 RCRA Monitoring Well		CY 2017
0104	107	TBD	200-ZP-1	TBD	RCRA	200-ZP-1	200-ZP-1 RCRA Monitoring Well		CY 2017
96	108	TBD	200-ZP-1	TBD	RCRA	TBD	LLWMA-2 monitoring well - East of Trench 94 - Upgradient Contingent on results of geophysical investigations - current identified in DOE/RL 2009-76 Green Island Wells		CY 2017 M-24 Well
97	109	TBD	200-ZP-1	TBD	RCRA	TBD	LLWMA-2 monitoring well - downgradient, location TBD Contingent on results of geophysical investigations and Permit Conditions - current identified in DOE/RL 2009-76 - Green Island Wells		CY 2017 M-24 Well
98	110	TBD	200-ZP-1	TBD	RCRA	TBD	LLWMA-2 monitoring well - downgradient location TBD Contingent on results of geophysical investigations and Permit Conditions - current identified in DOE/RL 2009-76 - Green Island Wells		CY 2017 M-24 Well
99	111	TBD	200-ZP-1	TBD	RCRA	TBD	LLWMA-4 Monitoring well - west side - upgradient There is no upgradient well; contingent on future monitoring requirements		CY 2017 M-24 Well
100	112	TBD	200-ZP-1	TBD	RCRA	TBD	LLWMA-3 Monitoring Well - East of Mixed-Waste Trenches 31 and 34 - Downgradient Complete the compliance-point monitoring network for Permit conditions		CY 2017 M-24 Well
101	113	TBD	RCRA	TBD	RCRA	TBD	IDF monitoring well - downgradient Plan at least two years prior to IDF operations		CY 2017 M-24 Well
105	114	TBD	RCRA	TBD	RCRA	TBD	IDF monitoring well - downgradient Plan at least two years prior to IDF operations		CY 2017 M-24 Well
106	115	TBD	RCRA	TBD	RCRA	TBD	IDF monitoring well - upgradient Plan at least two years prior to IDF operations		CY 2017 M-24 Well