1229339

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

15-AMRP-0127

APR 03 2015

Ms. J. A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton
Richland, Washington 99354

Mr. D. A. Faulk, Program Manager
Office of Environmental Cleanup
Hanford Project Office
U.S. Environmental Protection Agency
309 Bradley Boulevard, Suite 115
Richland, Washington 99352

Addressees:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) MILESTONE M-024-58H FOR CALENDAR YEAR 2015

The purpose of this letter is to provide a proposed well drilling status, scope, and schedule to the Washington State Department of Ecology and U.S. Environmental Protection Agency, as discussed during a meeting with Dennis Faulk and Dib Goswami on March 26, 2015. Tri-Party Agreement Milestone M-024-58 is an annual milestone to "initiate 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."

The attachment to this letter provides the U.S. Department of Energy Richland Operations Office's proposed well drilling for the M-024 milestone series through Calendar Year 2018. The attachment also provides a status of this year's wells.

This action completes Tri-Party Agreement Milestone Calendar Year 2015 M-024-58H, "Initiate Discussions of Well Commitments."

If you have any questions, please contact me, or your staff may contact, Mike Cline, of my staff, on (509) 376-6070.

Sincerely,

Ray J. Corey, Assistant Manager
for the River and Plateau

AMRP:JPS

Attachment

cc w/attach:
G. Bohnee, NPT
J. V. Borghese, CHPRC
R. Buck, Wanapum
D. Goswami, Ecology
S. Harris, CTUIR
S. Hudson, HAB
R. Jim, YN
N. M. Menard, Ecology
K. Niles, ODOE
C. P. Noonan, MSA
R. E. Piippo, MSA
D. Rowland, YN
M. J. Turner, MSA
Administrative Record
Environmental Portal

M-024 CY 2015 through CY 2018

#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TPA Calendar Year
1	C8240	RCRA	299-W22-95	RCRA - FY 2013	200-UP-1 SST S-SX, RCRA	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	Accepted 11/5/2013	CY 2015 M-24
2	C8203	RCRA	299-W22-94	RCRA - FY 2013	200-UP-1 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	Accepted 11/5/2013	CY 2015 M-24
3	C8778	100-BC-5	199-B4-18	100-BC-5	100-BC-5 Partner with 199-	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	Accepted 1/27/2014	CY 2015 M-24
4	C8779	100-BC-5	199-B5-9	100-BC-5	100-BC-5 Northeast of 100-C-7:1	Addition to well monitoring network as specifiec in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	Accepted 1/27/2014	CY 2015 M-24
5	C8783	100-BC-5	199-B5-13	100-BC-5	100-BC-5 Partner with	Addition to well monitoring network as specified in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	Accepted 1/27/2014	CY 2015 M-24
6	C8784	100-BC-5	199-B5-14	100-BC-5	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	Accepted 1/27/2014	CY 2015 M-24
7	C8776	100-BC-5	199-B4-16	100-BC-5	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	Accepted 2/19/2014	CY 2015 M-24
8	C8780	100-BC-5	199-B5-10	100-BC-5	100-BC-5 Northeast of 100-C-7:1	Addition to well monitoring network as specifiec in revised 100-BC-1, 100-BC-2 and 100-BC-5 RI/FS Work Plan / SAP	Accepted 2/19/2014	CY 2015 M-24
9	C8781	100-BC-5	199-B5-11	100-BC-5	100-BC-5 Northeast of 100-C-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	Accepted 2/19/2014	CY 2015 M-24
10	C8782	100-BC-5	199-B5-12	100-BC-5	100-BC-5 Northeast of 100-C-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	Accepted 2/19/2014	CY 2015 M-24
11	C8772	200-PO-1	699-24-36	200-PO-1	200-PO-1 RCRA	NRDWL/SWL upgradient monitoring wells	Accepted 3/20/2014	CY 2015 M-24
12	C8200	200-PO-1	699-25-34E	200-PO-1	200-PO-1 RCRA	NRDWL/SWL monitoring well	Accepted 3/20/2014	CY 2015 M-24
13	C8774	200-PO-1	699-26-38	200-PO-1	200-PO-1 RCRA	NRDWL/SWL monitoring well	Accepted 3/20/2014	CY 2015 M-24
14	C8289	100-KR-4	199-K-202	100-KR-4	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. Transport estimates indicate that a plume with maximum concentration >13,000 pCi/L Sr-90 is present in that area. Well 199-K-141 has exhibited rapidly-increasing Sr-90 concentration since starting extraction at that location. Sr-90 has migrated to the River and concentrations have approached the MCL in one aquifer tube near this plume. This plume is unmonitored and migration of Sr-90 poses a risk to continued successful operation of the 100-KX P&T system	Accepted 4/7/2014	CY 2015 M-24
15	C8916	200-BP-5	699-46-91	Modutank #1	200-BP-5 RCRA	Upgradient Modutank monitoring well. Based on DOE/RL-2009-39, if the modular storage unit will be used after 8/5/2014 or if there is evidence of leakage from the modular storage units to the environment, RL will implement groundwater monitoring. WAC 173-303-645 states the department will specify in the facility permit the points of compliance. Based on 40 CFR 265.91 it is assumed one upgradient and three downgradient wells will be required if modutanks continue to operate beyond 8/5/2014.	Accepted 5/6/2014	CY 2015 M-24
16	C8938	300-FF-5	399-1-68	300-FF-5	300-FF-5 CERCLA	Wells will monitor the groundwater within the PRZ.	Accepted 2/5/2015	CY 2015 M-24
17	C8936	300-FF-5	399-1-67	300-FF-5	300-FF-5 CERCLA	Wells will monitor the groundwater within the PRZ.	Accepted 2/5/2015	CY 2015 M-24
18	C8925	200-UP-1	299-W18-260	200-UP-1	200-UP-1 WMA U RCRA	Existing RCRA monitoring well 299-W18-30 was declared sample dry 5/21/13. 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. Well 299-W18-30 is listed for semi-annual sampling in the monitoring plan, DOE/RL-2009-74, Rev. 1.	Accepted 2/5/2015	CY 2015 M-24
19	C8922	200-PO-1	299-E25-237	200-PO-1	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.	Accepted 2/5/2015	CY 2015 M-24
20	C8923	200-BP-5	299-E33-360	200-BP-5	200-BP-5 RCRA	Replacement well for non-WAC compliant well 299-E33-18, decommissioned FY 2013 Permit conditions for WMA B/BX/BY. Completed as a 8 inch well. North of the 241-B tank farm (WMA B)	Accepted 2/5/2015	CY 2015 M-24
21	C8924	200-BP-5	299-E33-361	200-BP-5	200-BP-5 RCRA/CERCLA	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 . Completed as a 8 inch well. Located south east of WMA B.	Accepted 2/5/2015	CY 2015 M-24
22	C8943	200-UP-1	299-W22-113	200-UP-1	200-UP-1 WMA S-SX RCRA	Located east of the WMA S-SX. Drilled to replace existing monitoring wells that have gone dry or are nearly dry due to the declining water table Replacement for existing RCRA monitoring well 299-W22-49	Accepted 2/5/2015	CY 2015 M-24
23	C8290	100-KR-4	199-K-203	100-KR-4	100-KR-4 CERCLA	Approx 70 m North toward river of former well 199-K-29.There are no remaining monitoring wells within the extreme concentration C-14 plume downgradient of the former 116-KE-1 Gas Dryer Condensate Crib. Well 199-K-141 has exhibited increasing C-14 concentration since starting extraction at that location. Potential interception of the plume by extraction wells poses a risk to continued successful operation of the 100-KX P&T system.	Accepted 3/24/2015	CY 2015 M-24
24	C8291	100-KR-4	199-K-204	100-KR-4	100-KR-4 CERCLA	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.	Accepted 3/24/2015	CY 2015 M-24

M-024 CY 2015 through CY 2018

#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TFA Calendar Year
25	C8294	100-KR-4	199-K-207	100-KR-4	100-KR-4 CERCLA	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.	**Accepted 3/24/2015**	CY 2015 M-24
26	C8296	100-KR-4	199-K-209	100-KR-4	100-KR-4 CERCLA	Unmonitored area between inland monitoring wells that exhibit hexavalent chromium Midway between existing wells 199-K-194 and 699-77-54	**Accepted 3/24/2015**	CY 2015 M-24
27	C8793	100-HR-3	699-97-60	100-HR-3	100-HR-3 CERCLA	Delineation of Cr(VI) plume within the RUM - in the HORN by 199-D3-5 - DH-08. downgradient 699-97-48C The area of contamination in the RUM is defined by a single point and concentrations have recently risen to over 52 ppb. The concern is that this migrating across the Horn. Need to understand the extent before we can understand the potential risk.		CY 2015 M-24
28	C8794	100-HR-3	699-97-61	100-HR-3	100-HR-3 CERCLA	Delineation of Cr(VI pume within the RUM - in the HORN - DH-09. upgradient 699-97-48C		CY 2015 M-24
29	C8913	200-BP-5	299-E26-15	200-BP-5	200-BP-5 RCRA	Downgradient compliance well required by RCRA permit. Located in the 200-BP-5 OU, on Effluent Way, just south of the Liquid Effluent Retention Facility (LERF).		CY 2015 M-24
30	C8202	200-UP-1	299-W22-93	200-UP-1	200-UP-1 WMA S-SX RCRA	Existing RCRA monitoring well 299-W22-44 became 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). Currently sampling nearby extraction well 299-W22-90.		CY 2015 M-24

#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Location	Justification/Purpose	Planned Campaign	TPA Calendar Year
31	C9430	200-UP-1	299-W22-115	200-UP-1	200-UP-1 WMA-S-SX RCRA CERCLA AEA	Replacement for 299-W22-45. As of 4/2014 this well has 4 ft of water remaining. It is expected to become dry in FY2015 or FY2016. This well is part of the RCRA monitoring network at WMA S-SX and is listed for semi-annual sampling in the assessment plan (DOE/RL-2009-73). It is also sampled annually for the 200-UP-1 OU. The well is located downgradient from the SX Tank Farm, and loss of this well would leave a gap in the downgradient well coverage.		CY 2016 M-24
32	C9431	200-UP-1	299-W22-116	200-UP-1	200-UP-1 WMA S-SX RCRA	Replacement for existing RCRA monitoring well 299-W22-50 bacome sample dry during 2014. Nearby extraction well 299-W22-91 is being sampled.		CY 2016 M-24
33	C9432	200-UP-1	299-W23-236	200-UP-1	200-UP-1 WMA-S-SX RCRA CERCLA AEA	Replacement for 299-W23-15. As of 4/2014 this well has 5.5 ft of water remaining. It is expected to become dry in FY2016 or FY2017. This well is part of the RCRA monitoring network at WMA S-SX and is listed for annual sampling in the assessment plan (DOE/RL-2009-73). It is also sampled annually for the 200-UP-1 OU. This well is located south of the SX Tank Farm (i.e., cross-gradient). Although it shows no contamination, it is suspected that samples from this well are not representative of the aquifer. The chromium, nitrate, technetium-99 and tritium plumes are interpreted as being present at this location.		CY 2016 M-24
34	C9447	200-BP-5	299-E28-31	200-BP-5	200-BP-5 CERCLA	CERCLA/ Monitoring new well east of 216-B-12		CY 2016 M-24
35	C9448	200-BP-5	299-E28-32	200-BP-5	200-BP-5 CERCLA	CERCLA/ Monitoring new well south of 216-B-6 IW		CY 2016 M-24
36	C9449	200-BP-5	299-E27-26	200-BP-5	200-BP-5 WMA-C RCRA AEA	RCRA Replacement/ Monitoring located just northeast of the 241-C Tank Farm (WMA C) Replacement well for non-WAC compliant well 299-E27-7. Permit		CY 2016 M-24
37	C9404	200-PO-1	699-26-33A	200-PO-1	200-PO-1 NRDWL RCRA	Replacement well for 699-26-33 (going dry) Directly adjacent to 699-26-33m east side of NRDWL		CY 2016 M-24
38	C9405	200-PO-1	699-25-34F	200-PO-1	200-PO-1 NRDWL RCRA	Replacement well for 699-25-34A (going dry) Directly adjacent to 699-26-34A. east side of NRDWL		CY 2016 M-24
39	C9406	200-PO-1	699-24-3E	200-PO-1	200-PO-1 SWL WAC	Replacement well for 699-24-34A (going dry) Directly adjacent to 699-24-34A. east side of SWL		CY 2016 M-24
40	C9407	200-PO-1	699-24-34E	200-PO-1	200-PO-1 SWL WAC	Replacement well for 699-24-34B (going dry) Directly adjacent to 699-24-34B. east side of SWL		CY 2016 M-24
41	C9439	200-ZP-1	299-W5-2	200-ZP-1	200-ZP-1 RCRA	200-ZP-1 RCRA Monitoring Well #1 located in the northeast corner of 200 West Area		CY 2016 M-24
42	C9440	200-ZP-1	299-W13-2	200-ZP-1	200-ZP-1 RCRA	200-ZP-1 RCRA Monitoring Well #2 located north of Environmental Remediation Disposal Facility		CY 2016 M-24
43	C8797	100-KR-4	199-K-222	100-KR-4 #1	100-KR-4 CERCLA	Monitor potential release of Sr-90 from other fission products from vadose zone beneath UPR-100-K-1. Adjacent to north side of 105-KE		CY 2016 M-24
44	C8796	100-KR-4	199-K-221	100-KR-4 #2	100-KR-4 CERCLA	Monitor potential release of Sr-90 from vadose zone beneath 116-KE-3 Crib/Reverse Well		CY 2016 M-24
45	C8930	300-FF-5	399-1-69	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
46	C8932	300-FF-5	399-1-71	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
47	C8935	300-FF-5	399-1-73	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
48	C8939	300-FF-5	399-1-75	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
49	C8941	300-FF-5	399-1-77	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
50	C8408	300-FF-5	399-1-65	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
51	C9450	300-FF-5	399-1-79	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
52	C9452	300-FF-5	399-1-81	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
53	C9454	300-FF-5	399-1-83	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
54	C9456	300-FF-5	399-1-85	300-FF-5	300-FF-5 CERCLA	PRZ Monitoring		CY 2016 M-24
55	C8931	300-FF-5	399-1-70	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24
56	C8934	300-FF-5	399-1-72	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24
57	C8937	300-FF-5	399-1-74	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24
58	C8940	300-FF-5	399-1-76	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24
59	C8942	300-FF-5	399-1-78	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24
60	C9409	300-FF-5	399-1-66	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2016 M-24

#	Well ID	OU / Other	Comments	Temporary Name	Program/Facility Name/ Locations	Justification/Purpose	Planned Campaign	TPA Calendar Year
61	C9451	300-FF-5	399-1-80	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
62	C9453	300-FF-5	399-1-82	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
63	C9455	300-FF-5	399-1-84	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
64	C9457	300-FF-5	399-1-86	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
65	C9458	300-FF-5	399-1-87	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
66	C9459	300-FF-5	399-1-88	300-FF-5	300-FF-5 CERCLA	Aquifer Monitoring		CY 2017 M-24
67	C9400	100-NR-2	199-N-371	100-NR-2	100-NR-2 CERCLA	NR-2-Compliance Issue between the Reactor and the River (replacement near 199-N-22): 571118 E, 149582 N		CY 2017 M-24
68	C9401	100-NR-2	199-N-372	100-NR-2	100-NR-2 CERCLA	NR-2-Compliance Issue between the Reactor and the River (replacement near 199-N-24): 571073 E, 149520 N		CY 2017 M-24
69	C9402	100-NR-2	199-N-373	100-NR-2	100-NR-2 CERCLA	NR-2 CERCLA data gap for final remedy between Reactor and River: 571930 E, 149932 N		CY 2017 M-24
70	C9403	100-NR-2	199-N-374	100-NR-2	100-NR-2 CERCLA	NR-2 CERCLA data gap for final remedy between Reactor and River: 571725 E, 149830 N		CY 2017 M-24
71	C9425	100-NR-2	199-N-376	100-NR-2	100-NR-2 CERCLA	NR-2-Compliance Issue between the Reactor and the River (replacement near 199-N-24): 571073 E, 149520 N		CY 2017 M-24
72	C9429	100-NR-2	199-N-377	100-NR-2	100-NR-2 CERCLA	NR-2 CERCLA data gap for final remedy between Reactor and River: 571930 E, 149932 N		CY 2017 M-24
73	C9416	200-UP-1	699-31-68	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #6. Needed to characterize southeast chromium plume.		CY 2017 M-24
74	C9413	200-UP-1	699-29-66	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #7. Needed to characterize southeast chromium plume.		CY 2017 M-24
75	C9417	200-UP-1	699-30-57	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #11. Needed to characterize southeast chromium plume.		CY 2017 M-24
76	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		CY 2017 M-24
77	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		CY 2017 M-24
78	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		CY 2017 M-24
79	C8733	100-HR-3	199-H4-87	100-HR-3	100-HR-3 - WCH #4	WCH replacement monitoring wells - replacing 199-H4-48		CY 2017 M-24
80	C8734	100-HR-3	199-H4-88	100-HR-3	100-HR-3 - WCH #5	WCH replacement monitoring wells - replacing 199-H4-7		CY 2017 M-24
81	C8735	100-HR-3	199-H4-89	100-HR-3	100-HR-3 - WCH #6	WCH replacement monitoring wells - replacing 199-H4-9		CY 2017 M-24
82	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		CY 2017 M-24
83	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9472 south of main TCE plume MNA remedy; monitor TCE plume shrinkage and migration		CY 2017 M-24
84	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9474 about 2 km south of 100-F, between nitrate plume and river MNA remedy; sentinel well for nitrate		CY 2017 M-24
85	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9475 about 2 km south of 100-F, inland edge of nitrate plume MNA remedy; monitor nitrate shrinkage		CY 2017 M-24
86	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9476 directly south of central 100-F MNA remedy; monitor nitrate shrinkage		CY 2017 M-24
87	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9477 southeast of 100-F between nitrate plume and river MNA remedy; monitor nitrate shrinkage and sentinel well		CY 2017 M-24
88	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9478 about 3 km south of 100-F, inland edge of nitrate plume MNA remedy; monitor nitrate shrinkage		CY 2017 M-24
89	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9479 about 3 km south of 100-F, middle of nitrate plume MNA remedy; monitor nitrate shrinkage		CY 2017 M-24
90	TBD	100-FR-3	TBD	100-FR-3	100-FR-3	C9480 about 3 km south of 100-F, between nitrate plume and river MNA remedy; monitor nitrate shrinkage and sentinel well		CY 2017 M-24

#	Well ID	OU/ Other	Comments	Temporary Name	Program/Facility Name/ Location	Justification/Purpose	Planned Campaign	TPA Calendar Year
91	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring		CY 2018 M-24
92	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring		CY 2018 M-24
93	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well southeast Chrome Plume 8" multipurpose monitoring		CY 2018 M-24
94	TBD	100-KR-4	TBD	100-KR-4	100-KR-4 CERCLA	Within footprint of former 116-KE-1 Gas Condensate Crib - potential high risk drilling		CY 2018 M-24
95	TBD	100-KR-4	TBD	100-KR-4	100-KR-4 CERCLA	Within footprint of former 116-KW-1 Gas Condensate Crib - potential high risk drilling		CY 2018 M-24
96	C9414	200-UP-1	299-W15-115	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #1. Replacement well for 299-W19-18 which is forecast to become sample dry during 2014.		CY 2018 M-24
97	C9415	200-UP-1	299-W21-3	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #2. Replacement well for 699-35-70 which is sample dry.		CY 2018 M-24
98	C9411	200-UP-1	299-W22-114	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #3. Replacement well for 299-W22-9 which is sample dry.		CY 2018 M-24
99	C9412	200-UP-1	299-W19-116	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #4. Replacement well for 699-38-70 which is sample dry.		CY 2018 M-24
100	TBD	200-UP-1	UP-17	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #5. Replacement well for 299-W22-20 which is sample dry.		CY 2018 M-24
101	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 RCRA	SST S-SX monitoring well east of SX Farm Replacement well 299-W22-49 going dry FY 2015/2016		CY 2018 M-24
102	C8926	200-UP-1	299-W19-112	200-UP-1	200-UP-1 RCRA	SST S-SX monitoring well east of SX Farm Replacement well 299-W19-12, not RCRA/WAC compliant Replacement for 299-W19-12 (A4945). Non-WAC compliant due to the lack of a continuous annular seal around the casing		CY 2018 M-24
103	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	Replacement of A4899 299-W10-8 WMA-B-BX-BY WMA-T Sample dry. Consider replacement once 200W P&T reaches max operating conditions. Also non-WAC compliant due to the lack of a continuous annular seal around the casing		CY 2018 M-24
104	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	Replacement of A7137 299-W10-4 KE Basins WMA-T ZP-1 CERCLA Monitoring Well #1. Replacement for 299-W10-4 which was sample dry in 2014. Sample dry. Plan to keep available to see if 200W P&T operations causes rewetting. Also non-WAC compliant due to the lack of a continuous annular seal around the casing May replace in the future.		CY 2018 M-24
105	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	ZP-1 RCRA Monitoring Well #3 Replacement for 299-W14-13 Replacement well for 299-W14-13 which expected to go dry in 2016		CY 2018 M-24
106	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	ZP-1 CERCLA Monitoring Well #2. Replacement for 299-W12-1 which was sample dry in 2014.		CY 2018 M-24
107	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	PO-1 CERCLA well 699-S12-3 is now sample dry and cannot be re-habilitated and will be decommissioned. I would like to add a new well onto the list as a replacement for this well. This well helps define the extent of the tritium plume.		CY 2018 M-24
108	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 CERCLA	Farfield well southeast of WMA B/BX/BY between well between well 299-E27-19 and 299-E28-5 at top of aquifer		CY 2018 M-24
109	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 CERCLA	Deep well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY Three wells are recommended between well 299-E33-37 and the 207-B Retention Basin at evenly spaced intervals. These wells are recommended with 15 feet of screen across the top of the aquifer. Another well is recommended for monitoring the lowest 15 feet of the aquifer. This well will provide understanding vertical extent and dispersion at depth. The lower well should be installed after the leading edge of the nitrate plume has reached the top aquifer wells. Installation of the bottom well is recommended near the mid-point of the leading edge of the nitrate plume along the linear section of the three top aquifer wells.		CY 2018 M-24
110	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	LLWMA-4 Monitoring well - west side - upgradient There is no upgradient well; contingent on future monitoring requirements Need a revised monitoring plan.		CY 2018 M-24
111	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	LLWMA-3 Monitoring well - East of Mixed -Waste Trenches 31 and 34 - Downgradient Complete compliant-point monitoring network for permit conditions Need a revised monitoring plan.		CY 2018 M-24
112	TBD	100-HR-3	TBD	100-HR-3	100-HR-3 CERCLA	1 of 2 groundwater monitoring wells south of the 100-H reactor area. We will be starting injection in that area during FY15 and we currently have very little plume control locations. We will need to ensure that the plume does not impact the river due to our plume manipulation.		CY 2018 M-24
113	TBD	100-HR-3	TBD	100-HR-3	100-HR-3 CERCLA	2 of 2 groundwater monitoring wells south of the 100-H reactor area. We will be starting injection in that area during FY15 and we currently have very little plume control locations. We will need to ensure that the plume does not impact the river due to our plume manipulation.		CY 2018 M-24
114	TBD	100-HR-3	TBD	100-HR-3	100-HR-3 CERCLA	One (1) monitoring well in the mid-area of 100-H. The plume appears to be moving between our extraction zones. Monitoring in this area would ensure that we have adequate capture following well realignment at 100-H.		CY 2018 M-24
115	TBD	100-HR-3	TBD	100-HR-3	100-HR-3 CERCLA	One (1) monitoring well in 100-D in the northern plume for delineation on the eastern side. We currently have very little plume control locations. We will need to ensure that the plume is not migrating to the east due to the increased flow rates into injection wells at DX.		CY 2018 M-24
116	CR-3	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #8. Needed to characterize southeast chromium plume.		CY 2018 M-24
117	CR-4	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #9. Needed to characterize southeast chromium plume.		CY 2018 M-24
118	CR-5	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #10. Needed to characterize southeast chromium plume.		CY 2018 M-24
119	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #12		CY 2018 M-24
120	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #13		CY 2018 M-24

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121	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #14		
122	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #15		
123	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #16		
124	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #17		
125	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #18		
126	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W14-18 which expected to go dry in 2017		
127	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W14-17 which expected to go dry in 2017		
128	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W14-16 which expected to go dry in 2017		
129	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W14-15 which expected to go dry in 2017		
130	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 CERCLA	Center Downgradient well for WMA B/BX/BY Nearfield well southeast of WMA B/BX/BY Three wells are recommeded between well 299-E33-37 and the 207-B Retention Basin at evenly spaced intervals. These wells are recommended with 15 feet of screen across the top of the aquifer. Another well is recommended for monitoring the lowest 15 feet of the aquifer. This well will provide understanding vertical extent and dispersion at depth. The lower well should be installed after the leading edge of the nitrate plume has reached the top aquifer wells. Installation of the bottom well is recommended near the mid-point of the leading edge of the nitrate plume along the linear section of the three top aquifer wells.		
131	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W10-26 which expected to go dry in 2016		
132	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WMA-TX/TY RCRA	Replacement well for 299-W14-14 which expected to go dry in 2016		
133	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 Farfield Well WMA B/BX/BY CERCLA	Farfield well northeast of WMA B/BX/BY between well between well 299-E27-19 and 299-E28-5 at top of aquifer		
134	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 Nearfield well southeast of 216-B-12 Crib CERCLA	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, tritum, and uranium contamination found during BP-5 RI drilling and sampling at this depth. Nitrate concentrations exceed 800 mg/L and tritum 90,000 pCi/L.		
135	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 Nearfield well south of 216-B-6 Injection Well CERCLA	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 tritum contamination found during BP-5 RI drilling and sampling at this depth. Nitrate concentrations exceed 300 mg/L and tritum 150,000 pCi/L.		
136	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 Farfield Well WMA B/BX/BY CERCLA	Farfield well center of WMA B/BX/BY between well between well 299-E27-19 and 299-E28-5 at top of aquifer		
137		200-BP-5		200-BP-5	200-BP-5 South of Trench 94 RCRA	Trench 94 Well #1 299-E34-15 Contingent on results of geophysical investigations		
138		200-BP-5		200-BP-5	200-BP-5 East of Trench 94 RCRA	Trench 94 Well #2 299-E34-16 Contingent on results of geophysical investigations		
139	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	LLWMA-2 monitoring well - East of Trench 94 - Upgradient Contingent on results of geophysical investigations Need a revised monitoring plan.		
140	TBD	200-BP-5	TBD	200-ZP-1	200-BP-5 RCRA	LLWMA-2 monitoring well - downgradient, location TBD Contingent on results of geophysical investigations and Permit Conditions - current identified in DOE/RL		
141	TBD	200-BP-5	TBD	200-ZP-1	200-BP-5 RCRA	LLWMA-2 monitoring well - downgradient, location TBD Contingent on results of geophysical investigations and Permit Conditions - current identified in DOE/RL		
142	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
143	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
144	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
145	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
146	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
147	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
148	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
149	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
150	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		

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151	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
152	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 CERCLA	200-PO-1 Post-ROD to implement the assume monitored natural attenuation (MNA) remedy		
153	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #22		
154	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #23		
155	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #24		
156	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #25		
157	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA	UP-1 RDRA Work Plan Monitoring Well #26		
158	TBD		TBD		RCRA	IDF monitoring well - downgradient Plan at least two years prior to IDF operations		
159	TBD		TBD		RCRA	IDF monitoring well - downgradient Plan at least two years prior to IDF operations		
160	TBD		TBD		RCRA	IDF monitoring well - downgradient Plan at least two years prior to IDF operations		
161	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 NRDWL RCRA	Farfield downgradient contingency monitoring well		
162	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 NRDWL RCRA	Farfield contingency monitoring well		
163	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 NRDWL RCRA	Farfield downgradient contingency monitoring well		
164	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 NRDWL RCRA	Farfield contingency monitoring well		
165	C8917	200-BP-5	699-46-91	Modutank #2	200-BP-5 RCRA	Downgradient Modutank monitoring well. Based on DOE/RL-2009-39, if the modular storage unit will be used or if there is evidence of leakage from the modular storage units to the environment, RL will implement groundwater monitoring. WAC 173-303-645 states the department will specify in the facility permit the points of compliance. Based on 40 CFR 265.91 it is assumed one upgradient and three downgradient wells will be required if modutanks continue to operate beyond 8/5/2014.		
166	C8918	200-BP-5	699-46-92	Modutank #3	200-BP-5 RCRA	Downgradient Modutank monitoring well. Based on DOE/RL-2009-39, if the modular storage unit will be used or if there is evidence of leakage from the modular storage units to the environment, RL will implement groundwater monitoring. WAC 173-303-645 states the department will specify in the facility permit the points of compliance. Based on 40 CFR 265.91 it is assumed one upgradient and three downgradient wells will be required if modutanks continue to operate beyond 8/5/2014.		
167	C8919	200-BP-5	699-46-94	Modutank #4	200-BP-5 RCRA	Downgradient Modutank monitoring well. Based on DOE/RL-2009-39, if the modular storage unit will be used or if there is evidence of leakage from the modular storage units to the environment, RL will implement groundwater monitoring. WAC 173-303-645 states the department will specify in the facility permit the points of compliance. Based on 40 CFR 265.91 it is assumed one		

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168	TBD	100-NR-2	TBD	100-NR-2	Upgradient well for 1301-N RCRA	A4700 199-N-57 Upgradient well for 1301-N Current well is not WAC compliant due to 6-ft of filter pack above the screen. It is going slowly dry. It is part of the RCRA monitoring program and is producing usable data.		
169	TBD	100-NR-2	TBD	100-NR-2	Downgradient well for 1301-N RCRA	A4669 199-N-2 Downgradient well for 1301-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
170	TBD	100-NR-2	TBD	100-NR-2	Downgradient well for 1301-N RCRA	A4679 199-N-3 Downgradient well for 1301-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
171	TBD	100-NR-2	TBD	100-NR-2	Upgradient well for 1325-N RCRA	A4677 199-N-28 Upgradient well for 1325-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
172	TBD	100-NR-2	TBD	100-NR-2	Downgradient well for 1325-N	A4681 199-N-32 Downgradient well for 1325-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
173	TBD	100-NR-2	TBD	100-NR-2	Downgradient well for 1325-N	A4683 199-N-34 Downgradient well for 1325-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
174		100-NR-2	TBD	100-NR-2	Downgradient well for 1325-N	A4689 199-N-41 Downgradient well for 1325-N Current well is not WAC compliant due to the original construction materials and seals used. It is part of the RCRA monitoring program and is producing usable data.		
175	122	100-KR-4	TBD	100-KR-4	100-KR-4 AEA	Replacement of A4643 199-K-11 WMA-B-BX-BY KE Basins Non-WAC compliant due to the lack of a continuous annular seal around the casing		
176	123	100-KR-4	TBD	100-KR-4	100-KR-4 AEA	Replacement of A4644 199-K-13 WMA-T KE Basins Non-WAC compliant due to the lack of a continuous annular seal around the casing		
177	123	100-KR-4	TBD	100-KR-4	100-KR-4 AEA	Replacement of A4652 199-K-23 WMA-B-BX-BY KE Basins Non-WAC compliant due to the lack of a continuous annular seal around the casing		
178	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A4873 299-E33-9 SALDS WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
179	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A4842 299-E33-15 KE Basins WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
180	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A6855 299-E33-16 WMA-B-BX-BY WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the		
181	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A4843 299-E33-17 WMA-B-BX-BY WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the		
182	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A4847 299-E33-20 KE Basins WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
183	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A6788 299-E28-8 SALDS WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
184	TBD	200-BP-5	TBD	200-BP-5	200-BP-5 RCRA	Replacement of A4848 299-E33-21 WMA-B-BX-BY WMA-B-BX-BY RCRA Non-WAC compliant due to the lack of a continuous annular seal around the		
185	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 WAC	Replacement of A5089 699-24-33 WMA-T SWL WAC Non-WAC compliant due to the lack of a continuous annular seal around the casing		
186	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 RCRA	Replacement of A4766 299-E25-2 WMA-T WMA-A-AX RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
187	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 RCRA	Replacement of A6031 299-E25-17 116-H-6 216-A-37-1 RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
188	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 RCRA	Replacement of A4765 299-E25-19 216-A-37-1 216-A-37-1 RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
189	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 RCRA	Replacement of A4767 299-E25-20 216-A-37-1 216-A-37-1 RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
190	TBD	200-PO-1	TBD	200-PO-1	200-PO-1 RCRA	Replacement of A4771 299-E25-26 116-N-3 216-A-29 RCRA Non-WAC compliant due to the lack of a continuous annular seal around the casing		
191	TBD	200-UP-1	TBD	200-UP-1	200-UP-1 CERCLA ERDF	Replacement of A5139 699-35-66A WMA-B-BX-BY ERDF Non-WAC compliant due to the lack of a continuous annular seal around the casing		
192	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	Replacement of A7136 299-W10-1 SITE WMA-T Non-WAC compliant due to the lack of a continuous annular seal around the casing		
193	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WAC	Replacement of A5221 699-49-79 SWL SALDS Non-WAC compliant due to the lack of a continuous annular seal around the casing		
194	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 RCRA	Replacement of A4902 299-W11-12 WMA-B-BX-BY WMA-T Non-WAC compliant due to the lack of a continuous annular seal around the casing		
195	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WAC	Replacement of A5214 699-48-71 WMA-B-BX-BY SALDS WAC Non-WAC compliant due to the lack of a continuous annular seal around tbe casing		
196	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WAC	Replacement of A5232 699-51-75 ERDF SALDS Non-WAC compliant due to the lack of a continuous annular seal around the casing		
197	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 WAC	Replacement of A9730 699-51-75P SALDS SALDS Non-WAC compliant due to the lack of a continuous annular seal around the casing		
198	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #3		
199	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #4		
200	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #5		
201	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #6		
202	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #7		
203	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #8		
204	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #9		
205	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #10		
206	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #11		
207	TBD	200-ZP-1	TBD	200-ZP-1	200-ZP-1 CERCLA	200-ZP-1 CERCLA Monitoring Well #12		