Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
299-W10-1	1,025	30.2	2.0	<1	118	44	4	452	0.98	No, pump needed repair; 2011 results
299-W10-14	<1	12.4	<2	<1	21	<6	<0.5	ND	0.87	Yes
299-W10-27	280	110	55.7	<1	629	510	1.5	3,000	2.36	Yes
299-W10-30	6	2.8	<2	<1	34.2	<6	<0.5	ND	0.90	Yes
299-W10-31	18	2.9	3.1	<1	59.3	11	<0.5	ND	1.45	Yes
299-W10-33	<1	2.1	<2	<1	16.2	<6	<1	ND	1.42	Yes
299-W10-4	1,200	761	12.9	1.35	4,427	1,100	2.3	2,333	11.1	No, well dry; 2012 results
299-W11-13	350	56.8	5	<1	159	330	3.2	7,600	1.20	Yes
299-W11-18	270	21.9	24.7	<1	109	68	2.0	3,700	1.39	Yes
299-W11-33Q	620	178	85.5	3.64	160	540	8.6	24,000	2.21	Yes
299-W11-37	60	116	<2	1.48	99.6	69	0.95	9,200	12.9	No, well dry; 2012 results
299-W11-43	560	182	186	<1	422	400	5.6	11,000	3.17	Yes
299-W11-45*	1,200	132	144	0.84	366	2,315	9.4	13,900	NA	No, not converted; 2011 results
299-W11-47	980	86.9	83.6	1.11	315	8,200	4.3	2,600	2.88	Yes
299-W11-48	1,200	96.9	97.8	<1	313	150	9.8	8,300	1.28	Yes
299-W11-87	1,700	10.1	5.9	<1	65.1	53	4.0	ND	1.47	Yes

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
299-W11-88	<1	3.6	2.70	<1	56.2	<6	<0.5	ND	1.14	Yes
299-W12-1	<1	34.4	2.6	<1	55.3	9.3	<0.5	4,100	<0.1	No, well dry; 2012 results
299-W13-1	530	19.1	18.3	<1	16.6	<6	2.0	ND	1.05	Yes
299-W14-11	1,500	31.6	29.4	<1	180	3,000	7.9	11,000	1.43	Yes
299-W14-13	400	25.2	21.2	<1	145	8,600	1.4	9,900	0.1	Yes
299-W14-14	870	16.4	6.8	<1	175	690	4.9	6,700	1.09	Yes
299-W14-71	700	44.8	2.5	<1	8.4	<6	7.2	ND	0.77	Yes
299-W14-72	1,400	5.7	4.1	<1	28	24	6.8	ND	0.69	Yes
299-W15-11	190	7.1	7.3	<1	99	170	<0.5	690	0.89	Yes
299-W15-152	8.5	10.8	9.2	<1	118	290	<0.5	1,050	1.81	Yes
299-W15-17	1.6	10.3	8	<1	22.4	<6	<1	ND	0.92	Yes
299-W15-33	67	10.0	9.1	<1	108	250	<0.5	910	1.15	Yes
299-W15-37	140	9.7	5.0	<1	59.3	32	<0.5	430	1.38	Yes
299-W15-42	120	13.1	5.2	<1	105	93	<0.5	810	1.65	Yes
299-W15-46	160	5.3	6.4	<1	116	110	<0.5	580	0.82	Yes
299-W15-49	96	11	8.1	<1	104	190	<0.5	940	0.91	Yes

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
299-W15-50	725	6.2	6.9	<1	111	85	2.9	350	0.86	Yes
299-W15-7	470	3.6	4.5	<1	46	42	1.1	530	0.67	Yes
299-W15-763	640	17.5	5.2	<1	315	570	5	11,000	1.08	Yes
299-W15-765	2,100	59.1	31.1	<1	132	69	5.4	1,600	1.79	Yes
299-W15-83	9.2	9.4	9.2	<1	115	290	<0.5	1,150	0.97	Yes
299-W15-94	9.6	7.8	9.3	<1	114	253	<0.5	1,050	0.89	Yes
299-W18-1	8.3	9.5	6.8	<1	122	210	<1	810	2.31	Yes
299-W18-15	50	2.93	<2	<1	47.4	66	<1	420	16.3	Yes
299-W18-16	130	11.2	8.6	<1	846	57	<0.5	1,080	2.55	Yes
299-W18-21	<1	19.2	4.2	<1	75	115	<0.5	630	20.4	Yes
299-W18-22	<1	16.1	<2	<1	19	<6	<1	ND	1.1	Yes
299-W18-40	150	4.6	4.9	<1	64	80	<0.5	418	1.98	Yes
299-W19-105	40	4.3	2.4	<1	10.7	37	<1	ND	49	Yes
299-W19-107	180	3.2	3.7	<1	143	375	5.4	ND	1.4	Yes
299-W19-18	R	R	R	R	R	R	R	R	R	Yes, out of trend results rejected
299-W19-34A	95	17.3	3.1	<1	23.5	323	2.6	ND	1.39	Yes

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
299-W19-34B	220	10.6	2.4	<1	10.6	29	3.7	ND	0.98	Yes
299-W19-36	250	4.2	3.2	<1	314	20,500	2.4	960	149	Yes
299-W19-4	44	1.4	<2	<1	40.6	<6	<1	ND	0.62	Yes
299-W19-41	80	9.3	4.4	<1	38.6	160	<0.5	500	1.40	Yes
299-W19-47	235	6.8	5.5	<1	64.8	2,200	<0.5	ND	1.76	Yes
299-W19-48	114	5.9	5.1	<1	101	225	<1	ND	196	Yes
299-W19-49	123	9.1	5.0	2.27	34	313	<1	ND	252	Yes
299-W19-6	46	1.0	<2	<1	3.7	<6	1.0	ND	0.69	Yes
299-W21-2	33	3.13	3.2	3.53	45.2	120	<0.5	4,600	3.56	Yes
299-W22-24P	<1	9.7	8.0	<1	0.55	ND	<0.5	2,000	0.23	Yes
299-W22-24Q*	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
299-W22-24R*	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
299-W22-24S*	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
299-W22-24T*	NA	NA	NA	NA	NA	NA	NA	NA	NA	No
299-W22-47	42	40.1	33.7	<1	24.3	2,348	<0.5	3,260	5.31	Yes
299-W22-50	86	85.5	61.6	<1	75.7	8,055	<0.5	25,900	5.59	Yes

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
299-W22-72	35	1.21	<2	2.36	40.1	190	<0.5	55,000	0.83	Yes
299-W22-86	38	97.9	99.0	<1	57.3	7,000	<0.5	10,700	1.70	Yes
299-W22-87	2.8	1.3	<2	<1	6.6	7.5	<0.5	ND	1.38	Yes
299-W22-88	4.6	0.32	<2	6.58	14.3	16	<0.5	14,500	2.38	Yes
299-W23-19	84	614	591	1.41	277	36,000	<0.5	20,400	7.68	Yes
299-W23-4	110	2.78	<2	<1	26.5	130	<1	63,000	44.2	Yes
299-W26-13	<1	105	101	<1	29.7	<6	<1	ND	1.81	Yes
299-W27-2	7.8	65.2	2.9	<1	4.96	<6	<0.5	ND	0.63	Yes
299-W6-3	<1	10.2	<2	<1	74.8	14	<0.5	ND	0.94	Yes
299-W6-6	<1	5.5	7.1	<1	25.5	<6	<0.5	3,770	1.62	Yes
299-W7-3	<1	10.9	<2	<1	6.7	<6	<1	ND	1.29	Yes
699-30-66	2.1	116	117	<1	21.0	<6	<0.5	465	1.57	Yes
699-32-62	1.7	134	121	<1	21.6	34	<1	7,200	2.87	Yes
699-32-72A	<1	4.5	<2	<1	11.7	190	<0.5	45,000	0.62	Yes
699-33-75	13.5	3.0	<2	<1	3.61	<6	<0.5	ND	3.07	Yes
699-34-61	<1	82.2	50.8	<1	18.4	35	<0.5	9,400	2.07	Yes

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
699-35-66A	0.97	20.3	16.3	2.5	23.3	97	<1	97,000	2.23	Yes
699-35-78A	18	1.4	<2	<1	8.4	<6	<0.5	ND	11.2	Yes
699-36-61A	<1	14.9	11.7	<1	18.5	11	<0.5	37,000	2.10	Yes
699-36-66B	2.3	4.6	3.8	6.18	52.3	49	<1	310,000	2.30	Yes
699-36-70A	4.1	9.5	<2	6.55	28.6	27	<1	49,000	2.22	Yes
699-36-70B	14	4.0	3.1	3.33	94.3	200	<1	9,550	5.31	Yes
699-37-66	1.5	4.1	2.8	1.49	150	55	<1	61,000	1.62	Yes
699-38-61	<1	19.5	12.5	<1	24	20	<0.5	85,000	2.56	Yes
699-38-65	<1	2.08	<2	<1	198	98	<0.5	23,000	1.57	Yes
699-38-68A	6.0	62.5	53.6	1.32	210	710	<0.5	14,000	3.27	Yes
699-38-70B	420	18.5	2.1	<1	20.5	<6	6.3	ND	0.93	Yes
699-38-70C	18	4.2	4.2	<1	138	660	3.5	9,500	2.72	Yes
699-40-62	3.5	2.5	<8	<1	123	66	<1	7,500	2.29	Yes
699-40-65	4.1	2.1	2.6	<1	209	375	2.1	13,000	1.44	Yes
699-43-69	230	31.8	29.4	<1	31.4	<6	2.6	ND	1.77	Yes
699-44-64	7	8.2	8.1	<1	63.7	59	2.1	450	1.69	No, pump needed repair; 2014 results

Table 3-6. Average Concentration of COCs for the 200-ZP-1 Monitoring Wells in 2013

Well Name	Carbon Tetrachloride	Chromium	Hexavalent Chromium	Iodine-129	Nitrate	Techneitum-99	Trichloroethene	Tritium	Uranium	Sampled as Scheduled in 2013?
699-45-69A	3.9	8.8	2.2	<1	34.6	33	<0.5	1,705	1.78	Yes
699-45-69C	40	37.8	21.2	<1	186	17	<0.5	ND	1.40	Yes
699-47-60	<1	5.0	2.3	<1	37.1	<6	<0.5	ND	2.74	Yes
699-48-71	190	90.1	65.2	<1	385	270	<1	1,515	1.18	Yes
699-50-74	<1	4.8	5.30	<1	9.12	<6	<0.5	ND	1.33	Yes
699-51-63	<1	1.4	<2	<1	23.2	<6	<1	ND	2.09	No, road needed repair; 2014 results

Note: Requirements from *200 West Area Pump-and-Treat Facility Operations and Maintenance Plan* (DOE/RL-2009-124) and *Performance Monitoring Plan for the 200-ZP-1 Groundwater Operable Unit Remedial Action* (DOE/RL-2009-115).

* Wells were not successfully sampled as scheduled. Former extraction well 299-W11-45 has not yet been converted to a monitoring well. Wells 299-W22-24Q-T cannot be sampled as currently configured.

NA = not available

ND = not detected