Section 2.5 Attachments

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Ca (mg/l)	Cl (mg/l)	CO3 (mg/l)	HCO3 (mg/l)	K (mg/l)	Mg (mg/l)	Na (mg/l)	SO4 (mg/l)	Fe (mg/l)
20-9	11/16/2006	5.0	3.0	8.0	269	2.0	< 1.0	108	18.0	< 0.03
	5/18/2007	5.0	1.0	5.0	291	2.0	< 1.0	107	19.0	< 0.03
CALVING #1	3/20/2007	12.0	6.0	2.0	153	3.0	< 1.0	100.0	109	0.05
	8/22/2007	10.0	5.0	< 1.0	158	2.0	< 1.0	96.0	110	< 0.03
DW-4L	11/2/1978	7.7	15.0	24.0	83	3.8	1.0	106	134	< 0.01
	4/21/1979	5.8	11.8	17.0	80	5.7	0.6	118	167	0.25
	10/28/1979	7.5	10.4	13.0	95	2.5	0.7	129	167	0.08
	7/7/2006	9.2	9.0	3.0	118	1.9	0.9	108	166	0.65
	9/7/2006	8.9	8.0	< 1.0	137	1.9	1.0	123	183	0.25
	12/20/2006	9.0	10.0	3.0	127	2.0	< 1.0	130	170	0.08
	5/17/2007	8.0	10.0	3.0	128	1.9	0.9	112	155	0.10
DW-4M	11/1/1978	6.6	15.0	189.0	32	6.2	1.0	90.0	< 5.00	0.17
	4/20/1979	2.4	12.6	72.0	112	6.2	0.3	67.0	24.0	1.45
	10/29/1979	17.0	9.0	13.0	149	4.0	2.5	150	230	0.05
	12/20/2006	43.0	9.0	3.0	181	4.0	6.0	160	282	< 0.03
	5/18/2007	49.0	1.0	< 1.0	193	4.0	7.0	172	324	< 0.03
DW-4U	11/8/1978	38.0	6.0	4.0	29	31.0	11.0	192	563	0.02
	4/21/1979	90.0	5.5	< 1.0	135	10.0	22.0	200	637	0.01
	10/29/1979	98.0	5.0	< 1.0	145	8.3	22.0	212	631	0.02
	12/21/2006	105.0	3.0	< 1.0	143	7.0	25.0	187	650	< 0.03
	5/14/2007	102.0	3.0	< 1.0	154	7.0	26.0	204	655	< 0.03
	5/17/2007	104.0	6.0	< 1.0	151	7.0	26.0	198	649	< 0.03
GARDEN	3/20/2007	15.0	4.0	2.0	140	3.0	1.0	112	155	0.10
	8/22/2007	14.0	5.0	1.0	145	2.0	1.0	110	157	0.14
MN-1	11/18/1978	5.3	6.0	4.0	151	1.7	0.5	84.0	85.0	0.12
	4/19/1979	5.3	6.6	7.2	152	2.4	0.4	102	108	0.08
	12/14/2006	6.0	6.0	4.0	140	2.0	< 1.0	100.0	102	< 0.03
	5/2/2007	6.0	4.0	2.8	150	2.0	< 1.0	105	111	< 0.03
	7/13/2007	6.0	8.0	3.0	153	2.0	< 1.0	114	111	< 0.03
	11/20/2008	6.0	6.0	5.0	146	2.0	< 1.0	107	94.0	< 0.03
MN-2	12/14/2006	8.0	7.0	3.0	137	2.0	< 1.0	111	108	< 0.03
	4/18/2007	8.0	8.0	2.0	152	2.0	< 1.0	118	132	< 0.03
	6/29/2007	8.0	6.0	< 1.0	156	2.0	< 1.0	117	136	< 0.03
	9/10/2007	8.0	5.0	4.0	151	2.0	< 1.0	111	141	< 0.03
	9/10/2007	# 7.0	# 7.0	# 4.0	# 151	# 2.0	# < 1.0	# 109	# 139	# < 0.03
MN-3	12/14/2006	11.0	14.0	3.0	146	2.0	< 1.0	115	129	< 0.03
	1/25/2007	10.0	7.0	2.0	148	3.0	< 1.0	113	149	< 0.03
	4/18/2007	10.0	7.0	2.0	151	2.0	< 1.0	122	145	< 0.03

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Ca (mg/l)	Cl (mg/l)	CO3 (mg/l)	HCO3 (mg/l)	K (mg/l)	Mg (mg/l)	Na (mg/l)	SO4 (mg/l)	Fe (mg/l)
MN-3	8/7/2007	10.0	16.0	2.0	152	2.0	< 1.0	122	152	< 0.03
MN-4	12/14/2006	7.0	8.0	3.0	133	2.0	< 1.0	113	119	< 0.03
	1/25/2007	7.0	7.0	3.0	141	2.0	< 1.0	113	138	< 0.03
	4/18/2007	7.0	7.0	2.0	147	2.0	< 1.0	117	135	< 0.03
	7/10/2007	7.0	6.0	2.0	148	2.0	< 1.0	121	136	< 0.03
MN-5	4/18/2007	7.0	6.0	3.0	149	2.0	< 1.0	115	126	< 0.03
	5/30/2007	7.0	6.0	2.0	147	2.0	< 1.0	117	125	< 0.03
	8/7/2007	7.0	5.0	2.0	152	2.0	< 1.0	115	133	< 0.03
	11/21/2008	8.0	6.0	< 1.0	168	2.0	< 1.0	113	103	0.09
MN-6	3/23/2007	7.0	7.0	4.0	152	2.0	< 1.0	115	114	< 0.03
NR#1	11/16/2006	7.0	5.0	< 1.0	152	2.0	< 1.0	100.0	104	< 0.03
	5/18/2007	7.0	5.0	2.0	152	1.0	< 1.0	98.0	105	< 0.03
URZN1-2	12/20/2006	4.0	5.0	14.0	238	2.0	< 1.0	102	2.00	< 0.03
	3/23/2007	4.0	4.0	24.0	209	3.0	< 1.0	104	2.00	< 0.03
	6/4/2007	4.0	6.0	13.0	242	2.0	< 1.0	100.0	1.000	< 0.03
	8/29/2007	3.0	5.0	12.0	246	2.0	< 1.0	92.0	1.000	< 0.03
URZNB-1	12/22/2006	6.0	5.0	13.0	124	3.0	< 1.0	109	124	< 0.03
	3/21/2007	6.0	7.0	26.0	110	4.0	< 1.0	118	125	< 0.03
	5/30/2007	6.0	6.0	18.0	116	4.0	< 1.0	116	121	< 0.03
	8/7/2007	5.0	6.0	15.0	123	4.0	< 1.0	116	128	< 0.03
URZNF-3	9/10/2007	107.0	5.0	< 1.0	135	5.0	25.0	245	734	0.10
	6/25/2008	116.0	5.0	< 1.0	196	5.0	24.0	255	817	< 0.03
	9/9/2008	114.0	6.0	< 1.0	193	5.0	25.0	237	747	< 0.03
	11/17/2008	121.0	6.0	< 1.0	199	5.0	25.0	261	750	0.05
	3/18/2009	130.0	5.0	< 1.0	192	6.0	24.0	248	841	< 0.03
URZNQ-4	12/17/2007	480.0	31.0	< 1.0	499	11.0	139.0	426	2340	3.31
	6/24/2008	480.0	28.0	< 1.0	467	9.0	136.0	403	2370	1.13
	9/9/2008	527.0	33.0	< 1.0	470	8.0	152.0	404	2500	0.68
	11/21/2008	543.0	31.0	< 1.0	496	9.0	151.0	430	2360	0.73
W. of WW1	3/15/2007	100.0	3.0	< 1.0	194	6.0	31.0	121	518	0.53
	6/6/2007	100.0	3.0	< 1.0	198	6.0	29.0	128	517	0.06
	3/13/2009	91.0	3.0	< 1.0	195	7.0	28.0	125	498	0.07

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Temp (deg. C)	TDS (mg/l)	Cond (µmhos)	Cond(f) (µmhos)	pH (units)	pH(f) (std.	Mn (mg/l)	NH3 (mg/l)	NO3+NO2 (mg/l)
20-9	11/16/2006	12.4	298	509	503	8.73	8.34	0.01	0.06	< 0.1
	5/18/2007	13.4	268	491	505	8.54	8.66	0.01	0.12	< 0.1
CALVING #1	3/20/2007	---	298	516	---	8.34	---	< 0.01	< 0.05	< 0.1
	8/22/2007	19.8	292	477	501	8.12	8.12	< 0.01	< 0.05	< 0.1
DW-4L	11/2/1978	20.0	310	---	690	---	9.50	< 0.01	0.33	---
	4/21/1979	14.0	348	---	74.0	---	9.10	---	< 0.10	---
	10/28/1979	14.0	370	---	690	---	9.00	< 0.01	0.04	---
	7/7/2006	---	364	613	---	8.71	---	0.02	< 0.05	< 0.1
	9/7/2006	16.4	332	643	575	8.18	8.57	0.02	< 0.05	< 0.1
	12/20/2006	14.5	352	610	614	8.64	8.54	0.03	0.07	< 0.1
	5/17/2007	16.4	360	605	619	8.67	8.88	0.01	< 0.05	< 0.1
DW-4M	11/1/1978	22.0	202	---	523	---	9.10	< 0.01	0.18	---
	4/20/1979	13.0	167	---	460	---	10.20	0.01	---	---
	10/29/1979	---	490	---	---	8.70	---	< 0.01	0.07	---
	12/20/2006	10.9	536	924	933	8.39	8.10	0.04	0.08	< 0.1
	5/18/2007	14.7	618	994	1005	8.26	8.34	0.04	0.05	< 0.1
DW-4U	11/8/1978	14.0	982	---	1720	---	9.80	< 0.01	0.02	---
	4/21/1979	12.0	105	---	1740	---	7.70	0.06	< 0.10	---
	10/29/1979	---	1060	---	---	---	7.90	0.05	0.08	---
	12/21/2006	11.9	1050	1480	1483	8.01	7.41	0.06	< 0.05	< 0.1
	5/14/2007	---	1050	1560	1291	7.87	7.00	0.05	< 0.05	< 0.1
	5/17/2007	12.3	1030	1460	1484	7.90	7.78	0.05	< 0.05	< 0.1
GARDEN	3/20/2007	---	362	582	---	8.47	---	0.02	< 0.05	< 0.1
	8/22/2007	14.1	350	576	601	8.31	8.65	0.02	0.07	< 0.1
MN-1	11/18/1978	18.0	306	---	2290	---	8.60	< 0.01	0.02	---
	4/19/1979	14.0	289	---	720	---	8.50	< 0.01	< 0.10	---
	12/14/2006	14.1	296	489	512	8.68	8.68	< 0.01	< 0.05	< 0.1
	5/2/2007	15.6	322	533	517	8.59	7.26	< 0.01	< 0.05	< 0.1
	7/13/2007	17.7	294	515	508	8.60	8.41	< 0.01	< 0.05	< 0.1
	11/20/2008	8.20	304	450	573	8.54	8.56	< 0.01	< 0.05	< 0.1
MN-2	12/14/2006	13.6	334	534	554	8.57	8.45	< 0.01	< 0.05	< 0.1
	4/18/2007	14.8	348	580	569	8.45	7.56	0.01	< 0.05	< 0.1
	6/29/2007	17.1	310	577	534	7.41	8.25	< 0.01	< 0.05	< 0.1
	9/10/2007	14.7	312	549	583	8.34	8.77	0.01	< 0.05	< 0.1
	9/10/2007	# 14.7	# 320	# 550	# 583	# 8.32	# 8.77	# < 0.01	# < 0.05	# < 0.1
MN-3	12/14/2006	13.7	350	585	595	8.53	8.25	< 0.01	0.57	< 0.1
	1/25/2007	13.8	362	581	560	8.43	8.26	< 0.01	0.32	< 0.1
	4/18/2007	---	346	595	583	8.51	8.23	< 0.01	0.18	< 0.1

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Temp (deg. C)	TDS (mg/l)	Cond (µmhos)	Cond(f) (µmhos)	pH (units)	pH(f) (std.	Mn (mg/l)	NH3 (mg/l)	NO3+NO2 (mg/l)
MN-3	8/7/2007	16.7	358	579	583	8.46	8.26	< 0.01	0.18	< 0.1
MN-4	12/14/2006	14.9	330	571	565	8.67	8.48	< 0.01	0.05	< 0.1
	1/25/2007	14.0	338	551	541	8.49	8.41	< 0.01	0.09	< 0.1
	4/18/2007	14.9	356	577	568	8.48	7.61	< 0.01	< 0.05	< 0.1
	7/10/2007	17.0	344	559	559	8.47	8.20	< 0.01	< 0.05	< 0.1
MN-5	4/18/2007	---	334	540	554	8.51	8.39	< 0.01	< 0.05	< 0.1
	5/30/2007	14.9	328	552	512	8.51	8.20	< 0.01	< 0.05	< 0.1
	8/7/2007	16.2	338	533	535	8.46	8.27	< 0.01	< 0.05	< 0.1
	11/21/2008	7.40	341	505	624	8.04	7.78	0.01	< 0.05	< 0.1
MN-6	3/23/2007	---	310	518	507	8.74	8.31	< 0.01	0.16	< 0.1
NR#1	11/16/2006	11.1	298	509	502	8.11	8.68	< 0.01	< 0.05	< 0.1
	5/18/2007	12.5	274	492	505	8.49	8.78	< 0.01	< 0.05	< 0.1
URZN1-2	12/20/2006	14.1	230	414	421	9.01	8.78	< 0.01	0.09	< 0.1
	3/23/2007	---	246	414	417	9.39	8.99	< 0.01	0.08	< 0.1
	6/4/2007	---	204	425	409	9.05	8.82	< 0.01	0.05	< 0.1
	8/29/2007	16.3	248	393	417	7.07	9.15	< 0.01	0.06	< 0.1
URZNB-1	12/22/2006	13.4	324	540	541	9.26	9.14	< 0.01	< 0.05	< 0.1
	3/21/2007	---	278	541	535	9.63	9.43	< 0.01	< 0.05	< 0.1
	5/30/2007	---	318	557	549	9.52	9.51	< 0.01	< 0.05	< 0.1
	8/7/2007	15.8	312	537	548	9.41	9.62	< 0.01	< 0.05	< 0.1
	12/22/2007	13.4	---	---	541	---	9.14	---	---	---
URZNF-3	9/10/2007	13.7	1170	1710	1716	8.07	8.36	0.17	0.06	< 0.1
	6/25/2008	15.6	1280	1790	1868	7.69	6.47	0.14	< 0.10	0.1
	9/9/2008	13.2	1250	1810	1777	7.85	7.76	0.14	< 0.05	0.1
	11/17/2008	8.00	1250	1800	2070	7.80	7.39	0.14	< 0.05	< 0.1
	3/18/2009	8.80	1370	1910	1914	7.66	7.14	0.19	< 0.05	< 0.1
URZNQ-4	12/17/2007	10.7	3900	4440	2710	7.34	6.95	1.95	0.34	< 0.1
	6/24/2008	11.3	3910	4170	4270	7.19	6.83	1.84	0.20	< 0.1
	9/9/2008	10.9	3820	4360	4310	7.31	6.93	1.87	0.22	< 0.1
	11/21/2008	4.70	3980	4330	5110	7.40	6.65	1.92	0.25	< 0.1
W. of WW1	3/15/2007	12.9	884	1260	1239	7.82	7.46	0.07	< 0.05	< 0.1
	6/6/2007	13.0	872	1390	1282	7.83	7.64	0.07	< 0.05	< 0.1
	3/13/2009	9.50	870	1250	1242	7.87	6.63	0.06	< 0.05	< 0.1

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	F (mg/l)	Al (mg/l)	As (mg/l)	Ba (mg/l)	Cr (mg/l)	Cu (mg/l)	B (mg/l)	Cd (mg/l)	Hg (mg/l)
20-9	11/16/2006	0.80	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/18/2007	0.70	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
CALVING #1	3/20/2007	0.30	< 0.10	< 0.001	0.20	< 0.050	0.02	< 0.10	< 0.005	< 0.0010
	8/22/2007	0.30	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
DW-4L	11/2/1978	0.14	< 0.10	< 0.003	< 0.10	< 0.010	< 0.01	0.40	< 0.010	< 0.0005
	4/21/1979	0.10	---	---	---	---	---	---	---	0.0005
	10/28/1979	0.18	< 0.10	< 0.002	< 0.10	< 0.020	< 0.01	< 0.10	< 0.010	< 0.0003
	7/7/2006	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	9/7/2006	0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	12/20/2006	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/17/2007	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.010	< 0.0010
DW-4M	11/1/1978	1.40	< 0.10	< 0.003	< 0.10	< 0.010	< 0.01	0.60	< 0.010	0.0005
	4/20/1979	0.70	---	---	---	0.030	0.07	---	---	---
	10/29/1979	0.52	< 0.10	< 0.002	< 0.10	< 0.020	< 0.01	0.10	< 0.010	< 0.0005
	12/20/2006	0.50	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/18/2007	0.40	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
DW-4U	11/8/1978	0.07	< 0.10	< 0.003	< 0.10	< 0.010	< 0.01	< 0.10	< 0.010	< 0.0005
	4/21/1979	< 0.02	---	---	---	---	---	0.30	---	---
	10/29/1979	0.07	< 0.10	< 0.002	< 0.10	< 0.020	< 0.01	0.10	< 0.010	< 0.0020
	12/21/2006	< 0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/14/2007	0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/17/2007	< 0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
GARDEN	3/20/2007	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	8/22/2007	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
MN-1	11/18/1978	0.29	< 0.10	< 0.003	< 0.10	< 0.010	< 0.01	0.50	< 0.010	< 0.0005
	4/19/1979	0.30	< 0.10	0.002	< 0.10	< 0.010	< 0.01	< 0.10	< 0.010	0.0007
	12/14/2006	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/2/2007	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	7/13/2007	0.30	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	11/20/2008	0.30	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
MN-2	12/14/2006	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	4/18/2007	0.20	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	6/29/2007	0.20	< 0.10	0.003	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	9/10/2007	0.30	< 0.10	0.009	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	9/10/2007	# 0.20	# < 0.10	# 0.008	# < 0.10	# < 0.050	# < 0.01	# < 0.10	# < 0.005	# < 0.0010
MN-3	12/14/2006	0.20	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	1/25/2007	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	4/18/2007	0.30	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	F (mg/l)	Al (mg/l)	As (mg/l)	Ba (mg/l)	Cr (mg/l)	Cu (mg/l)	B (mg/l)	Cd (mg/l)	Hg (mg/l)
MN-3	8/7/2007	0.30	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
MN-4	12/14/2006	0.30	< 0.10	0.003	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	1/25/2007	0.30	< 0.10	0.003	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	4/18/2007	0.20	< 0.10	0.003	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	7/10/2007	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
MN-5	4/18/2007	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/30/2007	0.20	< 0.10	0.003	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	8/7/2007	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	11/21/2008	0.30	< 0.10	0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
MN-6	3/23/2007	0.30	< 0.10	0.002	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
NR#1	11/16/2006	0.30	< 0.10	0.004	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/18/2007	0.40	< 0.10	0.004	< 0.10	< 0.050	0.01	< 0.10	< 0.005	< 0.0010
URZN1-2	12/20/2006	0.60	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	3/23/2007	0.70	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	6/4/2007	0.60	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	8/29/2007	0.70	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
URZNB-1	12/22/2006	0.30	< 0.10	0.007	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	3/21/2007	0.30	< 0.10	0.007	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	5/30/2007	0.30	< 0.10	0.007	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	8/7/2007	0.30	< 0.10	0.007	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
URZNF-3	9/10/2007	0.50	0.40	0.015	< 0.10	< 0.050	0.02	< 0.10	< 0.005	< 0.0010
	6/25/2008	0.20	< 0.10	0.188	< 0.10	< 0.050	0.33	< 0.10	< 0.005	< 0.0010
	9/9/2008	0.23	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	11/17/2008	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	3/18/2009	0.20	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
URZNQ-4	12/17/2007	0.20	< 0.10	0.005	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	6/24/2008	0.20	< 0.10	0.005	< 0.10	< 0.050	< 0.01	0.10	< 0.005	< 0.0010
	9/9/2008	0.17	< 0.10	0.002	< 0.10	< 0.050	< 0.01	0.10	< 0.005	< 0.0010
	11/21/2008	0.20	< 0.10	0.006	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
W. of WW1	3/15/2007	0.10	< 0.10	0.005	< 0.10	< 0.050	0.03	< 0.10	< 0.005	< 0.0010
	6/6/2007	< 0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010
	3/13/2009	< 0.10	< 0.10	< 0.001	< 0.10	< 0.050	< 0.01	< 0.10	< 0.005	< 0.0010

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	Se (mg/l)	Unat (mg/l)	V (mg/l)	Zn (mg/l)
20-9	11/16/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0017	< 0.100	< 0.01
	5/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
CALVING #1	3/20/2007	< 0.1	< 0.050	0.007	< 0.001	0.0003	< 0.100	0.07
	8/22/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
DW-4L	11/2/1978	< 0.1	< 0.010	< 0.010	< 0.003	0.0006	< 0.100	< 0.01
	4/21/1979	---	---	0.080	0.001	< 0.0010	---	0.04
	10/28/1979	< 0.1	< 0.010	< 0.020	< 0.002	0.0010	< 0.100	0.02
	7/7/2006	< 0.1	< 0.050	< 0.050	< 0.001	< 0.0003	< 0.100	< 0.01
	9/7/2006	< 0.1	< 0.050	< 0.050	< 0.001	< 0.0003	< 0.100	< 0.01
	12/20/2006	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
	5/17/2007	< 0.1	< 0.050	< 0.050	< 0.001	< 0.0003	< 0.100	< 0.01
DW-4M	11/1/1978	< 0.1	< 0.010	< 0.010	< 0.003	0.0011	< 0.100	< 0.01
	4/20/1979	---	---	0.020	---	< 0.0010	---	0.07
	10/29/1979	< 0.1	< 0.010	< 0.030	< 0.002	< 0.0010	< 0.100	< 0.01
	12/20/2006	< 0.1	< 0.050	< 0.001	0.001	< 0.0003	< 0.100	< 0.01
	5/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
DW-4U	11/8/1978	< 0.1	< 0.010	0.020	0.004	0.0170	< 0.100	0.06
	4/21/1979	---	0.010	---	---	0.0650	---	---
	10/29/1979	< 0.1	< 0.010	< 0.030	< 0.002	0.0880	< 0.100	0.03
	12/21/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0906	< 0.100	< 0.01
	5/14/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0938	< 0.100	< 0.01
	5/17/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0963	< 0.100	< 0.01
GARDEN	3/20/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0113	< 0.100	< 0.01
	8/22/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0088	< 0.100	< 0.01
MN-1	11/18/1978	0.5	< 0.010	< 0.010	< 0.003	0.0270	< 0.100	< 0.01
	4/19/1979	< 0.1	< 0.010	< 0.010	< 0.003	0.0020	< 0.100	< 0.01
	12/14/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0120	< 0.100	< 0.01
	5/2/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0114	< 0.100	< 0.01
	7/13/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0113	< 0.100	< 0.01
	11/20/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0087	< 0.100	< 0.01
MN-2	12/14/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0214	< 0.100	< 0.01
	4/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0169	< 0.100	< 0.01
	6/29/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0226	< 0.100	< 0.01
	9/10/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0222	< 0.100	0.01
	9/10/2007	# < 0.1	# < 0.050	# < 0.001	# < 0.001	# 0.0204	# < 0.100	# < 0.01
MN-3	12/14/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0028	< 0.100	< 0.01
	1/25/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0021	< 0.100	< 0.01
	4/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0023	< 0.100	< 0.01

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd.)

Well Name	Date	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	Se (mg/l)	Unat (mg/l)	V (mg/l)	Zn (mg/l)
MN-3	8/7/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0027	< 0.100	< 0.01
MN-4	12/14/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0056	< 0.100	< 0.01
	1/25/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0051	< 0.100	< 0.01
	4/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0044	< 0.100	< 0.01
	7/10/2007	< 0.1	< 0.050	< 0.001	< 0.002	0.0051	< 0.100	< 0.01
MN-5	4/18/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0106	< 0.100	< 0.01
	5/30/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0122	< 0.100	< 0.01
	8/7/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0128	< 0.100	< 0.01
	11/21/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0033	< 0.100	< 0.01
MN-6	3/23/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0094	< 0.100	< 0.01
NR#1	11/16/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0301	< 0.100	< 0.01
	5/18/2007	< 0.1	< 0.050	0.001	< 0.001	0.0279	< 0.100	< 0.01
URZN1-2	12/20/2006	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
	3/23/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
	6/4/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
	8/29/2007	< 0.1	< 0.050	< 0.001	< 0.001	< 0.0003	< 0.100	< 0.01
URZNB-1	12/22/2006	< 0.1	< 0.050	< 0.001	< 0.001	0.0252	< 0.100	< 0.01
	3/21/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0203	< 0.100	< 0.01
	5/30/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0194	< 0.100	< 0.01
	8/7/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0205	< 0.100	< 0.01
URZNF-3	9/10/2007	< 0.1	< 0.050	< 0.001	0.001	0.0589	< 0.100	0.08
	6/25/2008	< 0.1	< 0.050	< 0.001	0.002	0.0562	< 0.100	< 0.01
	9/9/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0513	< 0.100	< 0.01
	11/17/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0449	< 0.100	< 0.01
	3/18/2009	< 0.1	< 0.050	< 0.001	0.001	0.0390	< 0.100	< 0.01
URZNQ-4	12/17/2007	< 0.1	< 0.050	< 0.001	0.002	0.0946	< 0.100	< 0.01
	6/24/2008	< 0.1	< 0.050	< 0.001	0.001	0.0832	< 0.100	< 0.01
	9/9/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0867	< 0.100	< 0.01
	11/21/2008	< 0.1	< 0.050	< 0.001	< 0.001	0.0844	< 0.100	0.04
W. of WW1	3/15/2007	< 0.1	< 0.050	0.001	0.001	0.0205	< 0.100	0.15
	6/6/2007	< 0.1	< 0.050	< 0.001	< 0.001	0.0219	< 0.100	< 0.01
	3/13/2009	< 0.1	< 0.050	< 0.001	< 0.001	0.0176	< 0.100	0.24

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd)

Well Name	Date	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Alpha (pCi/l)	Beta (pCi/l)
20-9	11/16/2006	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
	5/18/2007	< 0.2	± 0.2	< 1.0	---	1.0	< 2.0
CALVING #1	3/20/2007	< 0.2	± 0.0	2.0	± 1.0	1.1	< 2.0
	8/22/2007	1.3	± 0.5	< 1.0	---	1.6	2.3
DW-4L	11/2/1978	< 0.2	± 0.4	---	---	---	---
	4/21/1979	< 0.2	± 0.6	---	---	---	---
	7/7/2006	4.3	± 0.6	---	---	---	---
	9/7/2006	< 0.2	± 0.2	< 1.0	---	< 1.0	2.6
	12/20/2006	1.3	± 0.5	< 1.0	---	3.0	2.8
	5/17/2007	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
DW-4M	11/1/1978	0.9	± 0.8	---	---	---	---
	4/20/1979	< 0.2	± 0.5	---	---	---	---
	12/20/2006	< 0.2	± 0.2	1.9	± 0.8	1.3	3.3
	5/18/2007	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
DW-4U	11/8/1978	3.7	± 1.5	---	---	---	---
	4/21/1979	2.7	± 1.1	---	---	---	---
	12/21/2006	< 0.2	± 0.2	< 1.0	---	76.9	25.5
	5/14/2007	0.6	± 0.3	< 1.0	---	66.3	27.7
	5/17/2007	< 0.2	± 0.2	< 1.0	---	61.3	20.4
GARDEN	3/20/2007	< 0.2	± 0.0	< 1.0	---	6.8	2.7
	8/22/2007	< 0.2	± 0.2	< 1.0	---	8.6	< 2.0
MN-1	11/18/1978	19.0	± 3.0	---	---	---	---
	4/19/1979	< 0.2	± 0.3	---	---	---	---
	12/14/2006	19.4	± 1.3	< 1.0	---	68.4	100.0
	5/2/2007	30.4	± 1.8	< 1.0	---	75.9	145.0
	7/13/2007	36.3	± 2.1	1.9	± 0.9	88.2	84.0
	11/20/2008	26.0	± 1.0	1.6	± 0.5	131.0	133.0
MN-2	12/14/2006	0.9	± 0.3	< 1.0	---	18.8	11.0
	4/18/2007	1.4	± 0.4	< 1.0	---	19.7	5.1
	6/29/2007	0.9	± 0.4	< 1.0	---	24.8	8.4
	9/10/2007	0.7	± 0.3	< 1.0	---	26.2	6.1
	9/10/2007	# 0.8	# ± 0.3	# 3.6	---	# 27.4	# 9.9
MN-3	12/14/2006	0.8	± 0.3	< 1.0	---	5.1	6.7
	1/25/2007	1.1	± 0.4	< 1.0	---	5.1	< 2.0
	4/18/2007	0.8	± 0.4	4.2	± 1.4	6.2	5.9
	8/7/2007	0.7	± 0.3	< 1.0	---	3.7	2.2
MN-4	12/14/2006	2.3	± 0.5	< 1.0	---	11.6	31.3
	1/25/2007	2.9	± 0.6	< 1.0	---	15.5	32.5

TABLE D6E-1. NICHOLS RANCH UNIT GROUND-WATER QUALITY DATA. (cont'd)

Well Name	Date	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Alpha (pCi/l)	Beta (pCi/l)
MN-4	4/18/2007	3.1	± 0.6	< 1.0	---	12.5	11.9
	7/10/2007	2.9	± 0.6	< 1.0	---	13.3	20.6
MN-5	4/18/2007	2.6	± 0.6	< 1.0	---	20.4	18.4
	5/30/2007	3.3	± 0.7	< 1.0	---	16.4	10.9
	8/7/2007	2.4	± 0.5	< 1.0	---	20.8	16.1
	11/21/2008	2.7	± 0.4	1.6	± 0.8	30.2	19.4
MN-6	3/23/2007	1.7	± 0.4	< 1.0	---	11.1	30.2
NR#1	11/16/2006	< 0.2	± 0.2	< 1.0	---	22.3	6.6
	5/18/2007	< 0.2	± 0.2	< 1.0	---	21.1	5.7
URZN1-2	12/20/2006	< 0.2	± 0.2	< 1.0	---	< 1.0	2.3
	3/23/2007	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
	6/4/2007	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
	8/29/2007	< 0.2	± 0.2	< 1.0	---	< 1.0	< 2.0
URZNB-1	12/22/2006	< 0.2	± 0.2	< 1.0	---	19.7	9.9
	3/21/2007	< 0.2	± 0.2	< 1.0	---	13.9	8.5
	5/30/2007	3.2	± 1.2	< 1.0	---	19.4	7.2
	8/7/2007	< 0.2	± 0.2	< 1.0	---	11.3	6.5
URZNF-3	9/10/2007	5.0	± 0.7	< 1.0	---	50.7	19.1
	6/25/2008	17.0	± 0.9	0.3	± 0.7	63.4	27.6
	9/9/2008	2.9	± 0.3	2.3	± 0.8	73.0	23.3
	11/17/2008	2.8	± 0.3	0.7	± 0.8	68.5	31.4
	3/18/2009	1.6	± 0.3	0.2	± 0.7	49.7	14.9
URZNQ-4	12/17/2007	0.7	± 0.3	< 1.0	---	72.6	25.8
	6/24/2008	0.6	± 0.1	0.3	± 0.7	113.0	27.8
	9/9/2008	0.4	± 0.2	1.4	± 0.8	114.0	19.6
	11/21/2008	0.9	± 0.2	1.3	± 0.8	164.0	61.9
W. of WW1	3/15/2007	4.7	± 1.0	< 1.0	---	19.3	9.3
	6/6/2007	0.9	± 0.3	2.7	± 1.0	21.0	9.1
	3/13/2009	0.6	± 0.2	0.6	± 0.7	24.8	3.9