

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E		
0690	65.0	25 - 65	62.50	1160	1140	355	355	231	231	0.03	0.03	0.01	0.01	0.03	<0.03	----	----
0691	66.0	26 - 66	57.36	1170	848	321	274	202	202	0.03	0.02	0.02	0.02	0.03	<0.03	0.1	<0.1
1A	64.6	39 - 51	39.64	3490	3270	1440	1440	346	231	10.68	5.60	0.80	0.72	6.90	6.90	39.6	23.3
1B	51.8	20 - 50	38.70	2630	2460	1190	874	258	255	0.09	0.00	0.90	0.07	0.11	<0.03	9.0	8.6
1C	52.9	34 - 54	43.26	1747	1680	718	619	224	202	0.08	0.04	0.06	0.05	0.05	<0.03	9.1	<0.1
1D	42.9	22 - 42	29.00	2690	1940	948	508	----	----	0.05	0.03	0.82	0.35	0.03	<0.03	----	----
1E	51.4	34 - 54	2.00	2530	2160	1050	959	420	169	4.79	0.22	0.70	0.62	0.49	0.40	15.0	8.4
1F	61.8	30 - 60	44.63	3560	3560	1500	1500	336	336	17.30	17.30	0.80	0.80	0.04	0.03	14.9	14.9
1G	57.5	35 - 55	42.71	2340	2330	968	840	219	210	0.13	0.06	0.50	0.54	0.03	<0.03	14.1	13.1
1H	55.4	25 - 55	31.16	1861	1690	817	450	211	153	0.80	0.63	0.86	0.84	0.03	<0.03	6.7	5.5
1I	49.8	27 - 47	34.26	1482	1210	357	256	404	403	0.03	0.02	0.94	0.89	0.03	<0.03	14.8	13.4
1J	50.3	30 - 50	33.04	3620	3620	840	840	663	663	5.12	5.12	6.29	6.29	1.29	1.29	10.0	10.0
1K	55.6	30 - 55	29.86	8860	1820	3406	620	731	731	44.00	2.58	8.87	0.53	22.8	4.9	26.8	9.3
1L	53.4	35 - 55	29.31	3160	3160	1250	1250	376	229	0.59	0.08	1.12	1.12	0.16	0.16	9.3	0.2
1N	45.6	15 - 44	29.60	2820	2820	1010	1010	331	331	0.18	0.08	1.00	1.00	0.06	0.03	22.5	22.5
1P	52.8	20 - 40	38.70	2280	2280	681	509	454	454	0.05	0.03	0.25	0.25	0.03	<0.03	4.4	4.4
B	68.6	49 - 69	42.57	4820	2240	2401	981	312	185	11.36	0.49	4.45	0.37	0.57	<0.03	41.0	3.9
B1	90.9	62 - 82	45.11	9060	2140	4785	786	426	182	52.15	2.10	3.73	0.22	49.0	2.22	40.0	3.1
B2	83.0	55 - 75	49.78	3780	3780	1510	1480	252	252	7.82	7.82	0.66	0.50	9.74	9.74	3.1	3.1
B3	87.0	58 - 78	62.15	5520	5050	2730	2640	412	412	19.65	13.33	0.93	0.62	17.7	17.7	4.5	4.5
B4	88.8	63 - 83	59.60	4720	4440	2320	1890	192	192	12.89	12.89	0.68	0.62	5.88	5.88	2.5	2.5
B5	91.0	62 - 82	57.23	6230	6200	3200	3090	318	318	17.47	14.93	3.46	1.57	7.19	5.07	5.8	5.8
B6	90.0	63 - 83	48.94	9120	9120	4640	4640	190	190	38.30	33.90	3.61	1.38	2.49	2.04	4.9	4.9
B7	87.0	53 - 78	43.82	2938	2938	1638	1638	195	195	3.32	3.32	1.14	1.14	2.44	2.44	4.1	4.1
B8	87.0	53 - 78	49.94	14500	10000	7580	4850	747	747	67.20	55.10	5.38	4.60	26.3	19.3	30.9	30.9
B9	86.0	51 - 78	50.32	5655	5655	3116	3116	472	472	55.43	55.43	10.2	10.2	9.88	9.88	7.4	7.4
B10	84.8	51 - 78	63.26	25700	8000	13100	3800	1785	663	101.0	24.40	16.1	4.02	69.7	35.6	99.1	46.9
B11	84.9	42 - 80	53.61	21600	6010	11000	3140	1500	314	57.60	11.20	22.6	1.79	59.9	18.3	21.7	21.9
BA	86.0	64 - 78	43.96	2486	2486	1269	1269	195	195	2.19	2.19	0.54	0.54	0.92	0.92	7.7	7.7
BB2	56.6	42 - 62	48.84	6890	3140	3087	1611	851	241	17.00	0.08	0.07	0.02	0.28	<0.03	29.9	2.3
BC	82.8	63 - 83	49.36	4630	2090	2815	1090	780	81	15.50	0.26	2.06	<0.01	5.43	0.05	230	<0.1
BP	85.4	40 - 85	45.45	3300	2400	1783	1100	226	190	3.65	1.30	0.80	0.34	32.0	0.19	11.5	5.3
C1	76.0	41 - 68	38.51	4190	1950	2189	794	300	176	3.80	1.40	4.37	0.12	4.86	2.04	4.8	2.6
C2	76.0	42 - 67	35.03	3360	1810	1720	589	298	204	4.42	0.44	1.64	0.03	2.76	0.23	6.9	0.8
C3R	75.0	43 - 68	18.00	2467	1940	1126	633	194	184	0.43	0.22	0.17	<0.01	0.20	<0.03	6.6	2.1
C4	75.0	46 - 66	39.66	3446	2010	1890	722	272	192	2.29	0.32	1.34	0.09	1.42	<0.03	6.3	2.6
C5	72.0	43 - 63	36.20	6470	2070	2219	670	350	182	5.79	0.92	4.91	0.03	7.05	1.18	10.9	2.4
C6	80.8	34 - 74	66.77	6670	4390	3370	1910	652	247	29.99	8.44	2.21	0.98	40.8	22.4	9.6	8.0
C7	72.4	25 - 65	70.24	6410	5210	2791	2040	1080	501	16.60	10.40	6.81	1.53	21.7	20.40	9.6	9.6
C8	78.1	31 - 71	76.00	8660	4140	3630	1610	1549	471	101.0	11.00	16.8	1.40	24.7	12.1	16.0	12.8
C9	77.0	27 - 67	72.60	13400	5290	6310	2220	2374	467	135.0	12.70	28.4	1.99	66.7	17.0	26.7	7.6
C10	71.6	30 - 70	65.90	14500	6910	7410	3240	1460	672	110.0	25.20	27.1	3.45	63.0	35.4	17.2	12.4

C01

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
C11	68.2	35 - 65	64.10	13762	5470	6980	2220	1889	377	94.80	18.90	26.2	3.38	56.0	22.3	119	119
C12	63.5	34 - 64	44.94	16082	3610	8710	1700	1861	211	122.0	11.30	33.3	1.52	64.7	15.3	82.6	13.7
D1	89.4	58 - 90	46.89	3940	1920	2158	720	227	196	8.65	1.15	0.83	0.09	8.80	1.05	13.0	2.6
DA	99.1	50 - 100	61.40	18950	13700	8878	6540	2225	831	89.07	34.40	3.48	1.60	105	44.2	28.0	6.7
DA2	82.1	64 - 74	51.11	33870	8046	6987	4582	674	481	34.34	18.67	1.47	1.21	50.7	22.6	28.2	5.1
DB	73.2	55 - 85	66.15	14000	11300	7230	5530	1000	795	59.11	30.00	8.07	1.05	60.8	45.1	33.0	5.7
DBR	55.6	----	52.19	28416	28416	12735	12735	1716	1716	59.60	59.60	1.05	0.66	98.6	98.6	12.0	1.5
DC	64.1	45 - 65	43.16	3510	2170	1839	1140	709	69	0.82	0.06	0.23	0.06	1.51	<0.03	331	3.5
DE	70.2	60 - 90	63.70	23360	12600	9288	5800	1064	774	70.34	27.40	3.85	1.73	125	38.7	58.0	4.5
DF	88.5	65 - 95	60.75	15053	10300	7958	5327	21274	714	55.40	29.90	3.52	1.04	85.5	8.03	62.0	8.5
DG	88.9	65 - 95	61.80	20500	18476	51100	9429	944	790	66.57	48.84	2.49	1.30	2820	55.6	76.0	16.5
DH	61.7	65 - 95	52.65	27800	27800	13291	13020	1383	1383	106.0	82.26	13.5	2.53	133	133	116	24.0
DI	86.1	35 - 85	57.87	33116	32164	16112	16112	2170	2006	137.8	58.20	5.03	1.52	152	152	56.0	5.3
DJ	85.7	35 - 85	46.87	33120	33120	15355	15339	1773	1773	131.9	86.50	4.79	1.94	140	135	94.0	46.2
DK	65.4	35 - 55	43.58	22920	22920	13925	12034	798	496	116.6	115.3	3.15	2.03	199	90.9	94.0	63.1
DM	62.8	----	52.00	27920	5340	13115	2350	1080	339	118.3	8.68	3.11	2.11	186	12.8	130	6.0
DN	66.7	----	51.52	18700	17300	11725	8480	5674	1170	117.7	44.08	2.72	1.96	211	63.2	31.5	4.8
DNR	79.7	----	51.80	21286	18900	10032	9110	1200	1200	69.81	49.54	2.77	2.43	113	68	8.7	4.4
DO	75.8	65 - 75	65.20	5860	5664	2962	2910	337	311	15.82	15.82	1.32	0.86	26.6	26.6	9.0	5.7
DP	79.8	----	53.46	17800	1960	8940	687	1160	163	72.90	3.19	16.1	0.45	49.8	17.2	198	89.5
DQ	85.3	----	54.11	20300	10300	10500	5060	1575	850	73.80	32.10	17.6	1.86	96.7	57.9	175	11.8
DR	87.8	65 - 85	66.05	15930	13600	8528	5280	542	542	80.98	34.90	2.20	1.76	119	51.4	37.3	5.7
DS	----	62 - 77	65.22	20200	20200	9050	7610	1116	1050	60.21	47.00	3.50	1.63	4345	60.4	34.1	4.3
DT	72.3	59 - 99	59.80	13350	12500	7068	4780	725	584	43.67	32.94	2.06	1.21	47.5	44.9	30.8	6.6
DU	84.6	61 - 81	51.56	17090	12690	8563	5549	603	397	474.9	37.31	6.77	2.59	118	49.7	47.8	12.3
DV	80.0	60 - 80	83.45	13899	11800	6626	5810	843	702	45.03	39.20	2.82	1.01	63.2	19.20	7.4	7.0
DX	----	60 - 90	61.80	18300	15600	10600	8180	1034	945	92.40	45.60	5.17	2.19	65.4	65.4	54.0	16.3
DZ	81.8	----	57.64	32960	14900	15534	6100	2303	652	139.1	29.00	7.46	2.12	167	36.3	50.2	16.5
EE	91.2	50 - 90	45.26	24320	2916	11191	1478	727	206	109.0	4.07	3.66	0.30	148	3.45	40.8	0.6
F	63.8	45 - 65	31.80	3180	1750	1871	610	206	188	0.51	0.11	0.60	0.01	0.15	<0.03	22.0	2.0
FB	62.0	43 - 58	35.41	4340	1790	2631	750	273	198	10.64	0.10	3.64	0.12	0.3	<0.03	47.0	2.7
FF	----	52 - 132	41.08	----	----	4157	4157	305	305	43.84	43.84	1.12	1.12	49.7	49.7	----	----
G	78.3	50 - 80	4.00	----	----	2223	2140	262	149	8.06	0.14	1.07	0.03	1.82	0.07	----	----
GH	69.2	55 - 65	32.83	1860	1760	1092	709	227	191	0.15	0.05	0.09	0.02	0.18	<0.03	5.9	2.8
GV	83.0	62 - 82	50.08	1840	1840	706	644	194	190	0.06	0.03	0.19	0.01	0.06	0.01	1.8	1.6
H	69.3	50 - 70	37.93	1690	1450	1601	708	191	191	0.59	0.01	0.12	<0.01	0.10	<0.01	9.8	2.7
I	70.0	52 - 72	31.64	4052	1510	3280	520	341	185	0.14	0.13	1.57	0.01	0.41	<0.03	24.5	1.7
K	61.7	44 - 64	7.55	7940	7940	3930	3889	631	631	51.22	14.84	1.06	0.64	65.8	63.5	32.5	22.0
K2	58.9	46 - 56	14.90	10040	939	4238	219	876	70	45.10	0.67	4.02	0.18	78.0	3.57	120	2.5
K3	56.7	53 - 58	43.44	5251	5251	3276	2856	504	88	36.55	6.15	1.21	1.21	45.8	7.47	3.2	1.2
K4	86.2	65 - 85	72.60	7200	1620	3330	609	1300	93	22.38	2.65	8.96	1.18	31.8	6.7	9.8	3.8
K5	86.4	55 - 85	62.94	7457	3630	3375	1750	788	108	24.45	1.04	4.12	0.23	54.5	8.2	11.4	7.5

CO2

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WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
K6	58.0	33 - 58	13.00	1990	444	751	103	211	38	1.60	0.03	0.05	0.01	3.14	0.05	2.1	2.1
KA	67.8	42 - 72	32.18	5520	1340	3104	450	509	120	13.20	0.81	2.30	0.18	19.5	3.00	11.3	2.2
KB	61.8	40 - 70	8.10	5466	1510	3020	556	495	108	12.04	1.39	2.95	0.19	19.2	4.73	12.3	3.9
KC	68.6	42 - 72	9.00	5640	1380	3141	519	532	88	13.67	0.79	2.98	0.15	21.2	2.54	12.5	3.1
KD	62.1	40 - 70	4.65	4700	944	3185	262	332	75	22.05	0.33	2.81	0.08	28.3	1.98	54.0	2.2
KE	60.8	40 - 70	11.70	8070	908	3880	268	674	78	26.20	0.19	4.23	0.03	46.4	0.79	68.7	2.0
KEB	59.9	40 - 60	16.43	2472	859	1003	272	212	55	5.35	0.30	0.21	0.04	7.50	0.60	2.7	2.2
KF	63.5	30 - 60	25.04	4040	1120	2037	376	202	106	2.27	0.12	0.11	0.03	3.47	0.15	7.0	2.6
KM	52.4	----	12.20	8740	198	4370	69	887	27	37.31	0.02	2.26	<0.01	63.4	0.06	88.0	1.9
KN	50.1	----	2.00	2030	575	755	147	201	43	2.25	0.28	0.08	0.04	2.68	1.10	2.0	2.0
KZ	58.4	----	28.44	7240	1260	3308	475	496	87	1450	0.42	1.87	0.09	44.3	1.34	88.2	0.4
L	67.0	46 - 66	42.30	2040	1580	921	570	211	191	3.29	1.55	0.26	0.02	3.58	1.40	6.4	2.0
L5	60.2	25 - 55	46.68	5921	1490	3640	585	678	137	12.00	1.03	4.40	0.53	20.5	2.24	8.2	2.7
L6	51.1	25 - 55	27.21	2880	1370	1443	460	265	242	3.36	1.19	3.80	0.80	27.2	2.82	3.3	3.3
L7	67.8	36 - 66	64.80	5437	1810	2629	762	730	232	12.16	1.12	7.77	1.49	25.8	4.67	5.6	3.5
L8	73.9	32 - 72	54.80	5060	1270	2434	488	471	161	7.88	0.81	2.79	0.20	19.6	1.79	9.3	2.4
L9	74.9	43 - 73	53.64	2909	1400	1499	497	273	139	6.00	1.01	1.07	0.08	10.1	1.61	4.7	2.2
L10	74.2	53 - 73	53.41	2150	1680	1027	624	228	133	3.09	1.22	0.27	0.04	3.77	1.41	2.9	2.1
M1	103.4	66 - 106	79.80	13210	13210 *	7308	7308 *	2250	426 *	47.49	47.06 *	2.29	1.74 *	68.4	68.4 *	36.6	14.4 *
M2	40.4	----	34.85	22048	22048	11347	11347	962	962	100.1	100.1	1.28	1.28	95.1	95.1	0.1	<0.1
M3	105.3	79 - 99	65.80	11172	3340	5499	1380	562	268	33.60	6.51	2.73	0.35	43.3	7.3	23.5	5.4
M4	81.8	78 - 82	56.72	17260	2020	9209	863	780	184	60.63	4.21	2.99	0.12	118	5.78	29.2	2.2
M5	92.3	60 - 90	49.16	4500	1970	2415	759	227	187	11.79	0.98	2.04	0.06	25.4	0.83	29.0	2.4
MO	88.0	45 - 85	64.75	3270	2460	1755	1190	191	185	0.91	0.34	0.26	0.07	0.13	<0.03	27.5	9.9
MQ	98.0	58 - 98	65.04	3090	2940	1500	1180	223	191	1.55	1.55	0.60	0.34	0.38	0.36	14.3	8.1
MR	100.0	54 - 94	68.58	2440	2370	1180	900	197	179	0.65	0.50	0.15	0.13	0.04	0.03	8.1	7.8
MS	82.0	52 - 82	62.00	2160	1890	835	616	206	187	0.37	0.09	0.09	0.03	0.05	<0.03	3.2	1.8
MT	98.0	34 - 94	68.40	2900	2540	1530	1070	163	144	0.39	0.31	0.31	0.18	0.03	<0.01	21.2	12.3
MU	80.0	50 - 80	44.19	4220	4220	2330	1630	169	169	0.12	0.11	0.10	0.10	0.03	<0.03	114.0	114.0
MV	105.0	75 - 105	65.97	2110	2110	876	784	205	184	0.25	0.24	0.10	0.10	0.03	0.02	4.0	4.0
MX	103.0	63 - 103	52.07	1870	1840	774	606	190	190	0.04	0.03	0.01	0.01	0.03	<0.03	1.5	1.3
MY	112.0	72 - 112	58.07	1920	1860	773	600	223	198	0.03	0.02	0.04	0.02	0.04	<0.03	1.6	1.1
N	92.0	54 - 94	53.09	3030	2390	1788	1230	340	60	0.92	0.09	0.27	0.10	0.49	<0.03	38.0	15.3
NA	91.4	50 - 90	57.75	7700	2430	4038	1130	121	121	33.24	2.68	0.10	0.09	33.0	6.16	3.9	3.9 *
NB	96.4	50 - 90	50.48	31913	26500	14602	11700	1988	1320	65.41	62.10	0.51	0.51	93.8	93.8	11.5	9.1 *
NC	95.0	65 - 95	53.21	2490	1280	1789	640	76	40	2.76	0.01	0.08	0.07	0.17	<0.03	15.9	4.0
NE5	156.8	135 - 155	64.81	28163	4670	10293	1910	1106	194	54.60	5.87	0.38	0.05	131	16	5.4	0.3
NW5	149.8	119 - 159	114.58	25477	2410	9174	1010	1010	108	51.50	1.61	0.29	0.08	165	5	11.7	0.4
O	69.9	40 - 70	48.86	2490	1970	2015	900	202	140	1.61	0.03	0.33	0.24	1.70	<0.03	13.0	0.5
PM	81.9	----	15.00	3528	1880	1930	650	242	213	6.11	0.23	0.95	0.03	2.11	0.15	46.0	3.7
S	72.2	52 - 72	56.05	27727	20400	15621	10200	1960	1280	158.6	57.00	6.95	3.48	176	94.1	56.9	5.5
S2	100.0	90 - 100	49.63	7600	4950	3730	2460	328	275	36.30	15.80	1.89	1.20	23.9	18.4	28.8	7.8

003

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
S3	122.6	80 - 120	50.50	5546	3400	3036	1500	360	250	17.80	9.00	1.48	0.04	10.9	7.60	15.5	2.0
S4	112.4	50 - 110	51.21	6400	2720	3568	1420	665	150	16.71	2.53	3.79	0.17	31.7	1.42	25	<0.1
S5	115.0	54 - 106	62.50	8300	8300	4040	4040	385	385	35.60	14.30	1.59	0.51	27.7	27.7	8.7	8.7
S6	113.2	55 - 105	55.85	12011	11800	5957	5290	559	415	28.76	24.60	9.01	0.77	53.6	40.8	10.9	10.9
S7	97.0	40 - 84	57.38	19349	11600	9063	5590	792	587	45.40	30.30	1.92	1.35	51.6	47.1	8.7	8.7
S11	76.2	48 - 78	51.28	2730	2440	1380	1050	183	183	0.05	0.02	0.48	0.39	0.03	0.03	64.3	52.4
S12	93.0	53 - 93	56.56	2180	2180	1040	1040	214	214	2.35	1.53	0.43	0.35	2.23	0.52	---	---
SA	123.7	100 - 130	67.24	11880	4390	6052	1780	14183	267	44.52	10.80	2.38	0.43	39.7	14.47	31.7	4.5
SB	125.0	100 - 130	57.43	13760	10800	14154	5240	426	242	59.11	23.10	2.18	0.68	69.7	56.4	43.0	6.8
SC	105.4	55 - 105	57.11	21180	9750	9703	5060	950	464	80.56	27.44	8.55	1.31	99.5	43.8	60.1	10.6
SD	90.1	50 - 110	63.14	22090	8620	14055	4624	681	383	181.3	36.46	9.18	0.83	172	24.3	35.0	17.1
SD4	95.0	45 - 95	61.44	24200	7750	9934	4259	539	284	80.14	24.80	3.88	2.02	83.1	33.3	38.6	18.5
SE	111.8	50 - 90	55.38	21390	2670	10090	1390	500	161	86.92	4.82	6.15	0.06	106	0.89	30.0	<0.1
SE4	105.3	----	53.71	2350	401	1300	102	138	32	0.33	0.33	0.06	0.06	0.17	0.17	---	---
SM	86.0	----	55.21	28690	27614	16839	13841	1492	1492	137.4	79.51	4.67	3.65	173	90.9	39.9	1.8
SN	67.5	----	55.48	26460	23007	12929	10763	1315	1315	132.7	48.46	12.3	3.45	152	83.8	16.5	8.1
SO	92.3	----	55.11	18830	2230	10211	1140	567	94	98.58	1.36	4.72	0.03	161	2.82	48.6	<0.1
SP	94.4	----	55.37	22670	5230	12082	2994	574	325	116.6	11.90	5.86	0.31	174	11.0	62.0	1.0
SQ	95.0	55 - 95	58.18	16640	5930	8940	2630	619	230	42.40	10.70	1.95	0.91	70.3	20.6	40.0	11.6
SR	95.0	50 - 90	58.25	24640	17800	12180	8480	1028	967	93.70	35.40	5.51	2.85	156	67.2	42.0	7.1
SS	101.0	51 - 101	63.87	16630	6140	7763	3000	391	306	42.40	13.00	1.32	0.74	31.2	23.0	26.5	6.0
ST	97.0	55 - 97	59.31	6300	2690	3022	1030	371	204	15.74	3.42	1.40	0.27	17.0	4.68	19.0	4.3
SV	78.2	55 - 105	64.60	21900	9150	9747	4100	993	438	56.00	19.60	5.79	1.04	92.6	35.5	94.0	9.7
SW	81.9	35 - 80	60.70	18774	18774	8991	8991	978	978	45.73	45.73	2.60	2.60	68.2	68.2	5.4	5.4
SZ	62.6	40 - 70	49.63	31830	31230	15068	14526	965	965	157.3	142.5	9.70	3.83	183	169	29.9	18.5
T	70.2	61 - 71	57.60	38846	1920	26240	746	2600	160	138.4	3.83	168	0.83	278	5.85	240	46.9
T1	----	121 - 171	146.13	4530	4530	2609	2609	234	177	11.36	10.69	1.22	1.12	12.5	12.5	37.7	28.1
T2	186.0	100 - 186	135.89	11570	7160	6377	3580	447	377	44.73	14.90	10.7	0.67	48.5	24.2	29.6	10.0
TA	62.4	35 - 65	40.64	35216	1060	17639	362	1956	80	173.0	1.60	118	0.96	233	2.88	98.5	16.3
TB	64.4	35 - 65	33.11	33612	435	15150	99	2731	19	447.0	0.42	213	0.10	313	0.80	130	5.8
W	99.3	58 - 118	46.90	11770	1800	2306	607	709	154	0.09	0.07	2.50	0.04	0.10	<0.03	23.4	0.3
W2	79.1	----	56.21	3240	1870	1807	756	234	184	1.00	0.03	2.04	0.02	0.10	<0.03	21.1	1.1
WN4	142.4	50 - 190	94.96	29654	7310	11723	2930	1969	452	47.76	7.86	0.15	<0.01	114	22.3	7.3	2.6
WR5	72.4	60 - 80	38.69	8230	2040	4537	716	376	203	46.64	0.08	42.0	0.01	53.8	0.04	30.8	1.8
WR6	96.8	55 - 85	3.04	3740	1800	1955	834	156	156	5.17	0.08	2.12	0.08	1.26	0.01	9.0	5.5
WR7	97.3	55 - 85	38.91	3390	1900	1987	634	237	197	3.24	0.14	1.61	<0.01	0.20	0.05	22.9	1.8
WR8	110.2	50 - 100	38.72	1910	1770	1032	746	163	163	0.06	0.06	1.24	0.05	0.02	<0.01	12.5	3.8
WR9	111.3	50 - 100	46.82	2800	1880	1011	714	200	200	0.13	0.08	1.11	0.01	0.10	<0.03	27.1	1.8
WR10	120.6	60 - 110	48.52	3590	1640	2006	751	227	145	0.03	0.03	2.10	0.08	0.12	<0.01	14.5	4.0
WR11	120.5	60 - 110	48.29	7050	1540	3159	619	340	125	10.26	0.39	2.51	0.05	0.10	<0.03	26.7	0.8
WR16	122.3	40 - 120	44.22	2917	2310	1340	1270	174	127	4.76	0.25	0.47	0.27	8.87	0.19	4.5	2.7
WR17	124.4	40 - 120	4.71	3730	1870	2038	939	151	107	7.13	0.09	0.71	0.01	3.81	<0.03	5.3	5.3

C04

**TABLE A-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
WR18	73.7	20 - 70	2.43	2265	1600	1233	879	104	43	0.11	0.01	0.05	<0.01	0.08	<0.03	5.1	5.1
WR19	87.8	25 - 85	3.91	5712	2660	2938	1480	378	200	21.90	3.41	1.53	0.53	0.15	0.11	79.3	79.3
WR20	102.3	42 - 102	8.26	4450	2830	1910	1490	199	192	0.14	0.07	0.61	0.04	0.03	<0.03	68.8	68.8
WR21	88.9	28 - 88	24.00	4510	3890	1910	1910	180	180	0.19	0.12	0.16	0.13	0.03	<0.03	33.1	33.1
WR22	91.5	30 - 90	35.65	3790	3430	1890	1890	104	104	0.17	0.17	0.17	0.13	0.03	<0.03	43.2	43.2
WR23	94.3	32 - 92	3.30	3510	3230	1920	1850	112	112	0.16	0.16	0.10	0.08	0.03	<0.03	15.3	15.3
WR24	89.2	50 - 90	32.00	3610	3140	2000	1800	103	103	0.27	0.20	0.14	0.11	0.03	<0.03	17.3	17.3
X	50.7	----	16.00	7820	188	3786	29	1064	13	20.14	0.02	16.9	0.01	72.9	0.29	68.2	1.1
X11	57.0	17 - 57	0.50	11211	11211	4680	4680	----	----	64.40	64.40	60.0	60.0	71.2	71.2	----	----
X12	57.0	17 - 57	0.50	26034	26034	15460	15460	----	----	52.85	52.85	20.0	20.0	41.9	41.9	----	----
X13	56.0	16 - 56	40.76	3290	3290	1500	1500	254	254	14.05	11.00	0.76	0.56	7.62	2.94	3.7	0.8
X14	56.0	16 - 56	39.80	3650	3650	1660	1660	245	245	11.48	7.70	0.66	0.56	6.23	5.56	<0.1	<0.1
X15	57.0	17 - 57	40.54	4370	4190	1990	1990	267	267	14.50	13.40	0.73	0.58	5.66	1.88	6.8	6.5
X16	47.0	22 - 47	40.65	3520	3520	1650	1610	297	250	16.90	16.90	0.71	0.50	6.79	2.14	15.9	5.4
Y	60.8	54 - 59	6.00	53000	1150	3350	341	700	76	18.66	0.67	1.87	0.12	32.8	2.10	106	2.0
Z	73.9	60 - 70	5.00	5220	1798 *	3234	765 *	461	203 *	22.12	0.29 *	1.70	0.01 *	19.6	0.22 *	46.1	4.0 *
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				177	157	167	121	126	83	125	88	166	118	134	108	109	37
% Exceeding =				96	85	91	66	68	45	68	48	90	64	73	59	59	20
Total Number of Wells = 184																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C05

**TABLE A-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>		
				H	E	H	E	H	E	H	E	H	E	H	E			
<b>Broadview</b>																		
0410	105	90 - 105	33.36	2682	1781	1920	718	194	194	3.00	0.05	0.52	0.02	1.02	<0.03	3.6	1.9	
0411	70	65 - 70	35.10	2810	1680 *	1740	732 *	305	163 *	4.16	3.31 *	1.20	0.03 *	0.08	0.02 *	370	5.2 *	
0412	----	----	----	3000	3000 *	1520	1494 *	213	191 *	0.05	0.04 *	0.09	0.01 *	0.07	0.02 *	12.0	9.0 *	
0413	----	----	35.25	1782	1782	673	673	182	182	0.03	0.03	0.01	0.01	0.03	<0.03	1.7	1.7	
0421	88	72 - 102	37.58	1870	1870	711	674	203	198	0.06	0.01	0.17	<0.01	0.03	<0.03	1.9	1.7	
0422	80	60 - 80	32.82	2270	1819	1200	684	202	202	0.12	0.02	0.13	<0.01	0.04	<0.03	6.6	1.5	
0423	----	----	----	1900	1773	1136	651	248	190	0.05	0.02	0.09	0.01	0.03	<0.03	6.6	1.5	
0425	90	50 - 90	32.42	1800	1797	909	669	194	194	0.03	<0.01	0.12	0.01	0.03	<0.03	21.0	1.7	
0426	100	80 - 100	30.65	2270	2270 *	760	760 *	120	120 *	0.05	<0.008 *	0.32	0.15 *	0.02	0.02 *	3.6	3.6 *	
0427	121	62 - 120	35.00	1900	1741	849	665	191	191	0.02	0.02	0.17	<0.005	0.04	<0.03	4.1	0.3	
0428	110	83 - 104	----	2570	2570	1000	1000	351	351	0.02	0.02	0.05	0.05	0.03	<0.03	30.3	30.3	
0429	100	58 - 75	37.21	2130	2083	1060	810	283	283	0.08	0.02	0.28	0.02	0.03	<0.03	9.3	9.3	
0430	145	----	----	2940	2940 *	1109	697 *	184	163 *	3.62	0.14 *	0.25	0.10 *	0.25	0.07 *	2.2	2.1 *	
0431	130	125 - 130	35.00	5950	1709	3227	668	312	180	17.05	0.02	2.30	0.01	5.78	<0.03	7.5	1.9	
0432	----	----	----	1660	1660 *	1840	627 *	284	156 *	0.34	0.07 *	2.50	0.02 *	0.02	0.01 *	1.2	1.2 *	
0433	90	58 - 84	36.05	2053	2053	1986	839	234	189	1.10	0.03	2.40	0.01	0.03	<0.03	3.5	3.5	
0435	85	----	34.75	1860	1860	1530	689	206	206	0.10	0.08	2.50	0.02	0.03	<0.03	2.0	1.6	
0438	120	70 - 100	----	1090	1090 *	665	665 *	149	149 *	0.03	0.03 *	0.02	0.02 *	0.03	0.03 *	3.1	3.1 *	
0439	97	77 - 97	39.80	1870	1782	1400	727	184	182	0.23	0.04	1.90	<0.005	0.03	<0.03	3.5	1.3	
0440	----	----	----	2030	1720 *	1010	676 *	156	121 *	0.72	0.54 *	0.38	0.03 *	0.02	0.02 *	1.9	1.3 *	
0441	116	106 - 116	35.19	2820	1250	1403	532	188	188	2.37	0.16	0.20	0.01	0.49	<0.03	4.4	<0.1	
0442	100	70 - 100	37.15	2010	2010 *	948	948 *	156	156 *	3.00	3.00 *	0.17	0.17 *	0.03	0.03 *	2.7	2.7 *	
0443	----	60 - 80	----	1830	1830 *	2230	764 *	262	128 *	5.17	0.37 *	3.90	0.03 *	0.26	0.26 *	1.9	1.9 *	
0444	80	----	28.84	1801	1801	2170	730	255	189	3.19	0.10	1.50	0.01	0.09	0.09	1.4	1.4	
0445	108	75 - 105	----	2760	1740 *	2224	901 *	248	156 *	5.77	2.83 *	2.20	0.10 *	0.79	0.14 *	4.4	1.5 *	
0446	110	60 - 95	41.28	2520	1420	1896	576	248	196	0.24	0.02	0.15	0.01	0.05	<0.03	7.4	2.0	
0447	142	120 - 142	41.18	2690	2480 *	1428	1337 *	149	149 *	1.65	1.52 *	0.33	0.25 *	0.24	0.24 *	3.0	3.0 *	
0448	----	----	----	2920	2920 *	1400	1400 *	229	229 *	0.17	0.17	0.05	0.05 *	----	----	12.7	6.5 *	
0450	----	70 - 105	42.29	3444	1836	2002	690	220	197	0.07	0.07	1.78	0.01	0.05	<0.03	9.8	1.4	
0451	----	----	----	1890	1890	642	642	199	199	0.04	0.04	0.02	0.02	<0.03	<0.03	1.6	1.6	
0452	100	40 - 100	41.20	1845	1845	671	671	192	192	0.28	0.05	0.04	<0.005	0.04	<0.03	2.4	1.4	
0453	110	60 - 110	34.93	2590	1650	1408	609	385	190	0.20	0.02	0.04	0.01	0.11	<0.03	16.4	1.8	
SUB1	----	----	34	3230	2020	1777	842	483	180	2.18	0.17	1.07	0.02	0.22	<0.03	19.8	2.3	
SUB2	----	----	40.92	4110	1880	2216	676	293	189	1.34	0.12	1.80	0.01	0.14	<0.03	20.0	1.6	
SUB3	84	56 - 72	28.80	3800	2560	3220	1330	268	123	8.90	0.03	3.00	0.02	0.13	<0.03	62.0	2.2	
SUB4	100	60 - 85	49.11	2020	1680 *	2077	721 *	185	163 *	0.14	<0.01 *	2.10	0.01 *	0.20	0.01 *	13.7	4.3 *	
SUB5	86	55 - 80	----	4546	1700 *	2680	696 *	264	163 *	2.20	2.00 *	9.17	0.01 *	6.44	0.76 *	8.3	1.6 *	
SUB6	82	52 - 82	----	4103	1680 *	2471	724 *	290	170 *	5.70	0.09 *	5.15	0.01 *	0.11	0.01 *	16.8	3.3 *	
SUB7	98	78 - 98	----	4280	4280 *	1682	667 *	213	163 *	0.09	0.06 *	3.22	0.01 *	0.10	0.01 *	30.4	7.1 *	
SUB8	150	60 - 90	----	4870	1620 *	2679	618 *	284	163 *	7.76	<0.008 *	3.30	0.06 *	1.78	0.04 *	7.0	1.0 *	
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4	
Total Number of Wells Exceeding =				38	38	31	5	14	2	7	0	30	3	4	0	11	1	
% Exceeding =				95	95	78	13	35	5	18	0	75	8	10	0	28	3	
Total Number of Wells =				40														

**Felice Acres**

C06

**TABLE A-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0481	320	270 - 310	----	1990	1450 *	1110	750 *	99	64 *	0.98	0.42 *	0.32	0.08 *	0.16	0.10 *	2.0	1.8 *
0482	260	220 - 260	35.85	2690	1906	1300	716	240	197	6.53	0.25	0.80	0.02	2.35	<0.03	4.2	1.8
0483	280	----	36.93	3800	1891	2100	711	277	198	12.30	0.22	1.60	0.04	4.93	0.08	5.3	1.1
0490	63	20 - 80	37.23	2740	1880	1316	715	217	207	4.62	0.25	3.65	0.03	2.12	0.12	13.6	1.8
0491	63	30 - 63	39.32	3270	3270	1414	1200	412	191	4.03	0.66	0.46	0.1	2.03	0.06	6.9	1.6
0492	60	40 - 60	34.7	2320	1920	1179	785	284	182	0.67	0.24	0.12	0.04	0.15	<0.03	15.0	2.0
0495	----	----	----	1843	1843	736	736	202	202	0.06	0.06	0.01	<0.005	0.03	<0.03	0.6	0.6
0496	94.43	53 - 93	75.32	1940	1880	841	630	184	184	0.95	0.52	0.17	0.08	0.06	<0.03	2.1	1.6
0497	94	64 - 94	55.71	2050	2050	779	680	190	188	1.49	0.86	0.07	0.06	0.03	<0.03	1.6	1.6
CW44	208	----	157.65	2060	1970	909	822	208	186	1.41	0.85	0.10	0.08	0.03	<0.03	2.5	2.5
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				10	9	6	1	3	0	2	0	6	0	4	0	2	0
% Exceeding =				100	90	60	10	30	0	20	0	60	0	40	0	20	0
Total Number of Wells = 10																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C07

**TABLE A-3. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MURRAY ACRES AND PLEASANT VALLEY ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
<b>Murray Acres</b>																	
0801	100	80 - 100	36.85	2400	1339	2010	458	191	147	0.07	0.02	6.00	<0.005	0.03	<0.03	10.2	0.3
0802	98	75 - 81	40.2	1961	1880	1049	673	207	168	1509	1.03	0.37	0.04	0.10	<0.03	28.5	1.8
0803	290	85 - 180	84.86	2040	2040	1010	895	154	154	0.08	0.08	0.26	0.01	0.10	0.100	1.1	1.1
0804	137	125 - 136	46.6	2740	1920	1528	797	207	165	0.14	0.06	0.19	0.06	0.05	<0.03	8.2	2.6
0805	140	100 - 140	59.34	2580	2092	1618	1125	206	135	0.41	0.07	0.07	0.03	0.05	<0.03	9.4	1.8
0810	105	75 - 101	----	2800	2724	1484	1359	221	221	0.12	0.05	0.62	0.07	0.06	<0.03	5.9	5.1
0811	140	100 - 140	----	28600	2260	1457	1180	480	156	0.09	0.03	0.17	0.02	0.05	0.020	15.4	6.2
0815	255	----	29.14	3280	1450	2140	711	326	93	0.12	0.00	0.13	0.00	0.10	<0.03	27.1	4.0
0844	75	35 - 75	34.26	4200	2360	2304	869	255	178	0.85	0.07	0.09	0.02	0.06	<0.03	21.0	7.0
0845	65	45 - 65	34.5	3570	1930	1751	620	452	190	0.16	0.07	0.04	0.02	0.11	<0.03	22.0	2.3
AW	156	----	15	4440	1710	2991	942	312	177	7.89	0.62	1.90	0.03	27.0	0.24	42.6	5.7
HW	115	60 - 94	40	2280	2274	2708	1002	234	204	0.08	0.07	0.29	0.04	0.12	<0.03	10.3	3.1
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				12	9	12	4	5	0	2	0	9	0	1	0	6	0
% Exceeding =				100	75	100	33	42	0	17	0	75	0	8	0	50	0
Total Number of Wells =				12													
<b>Pleasant Valley</b>																	
0688	105	65 - 105	61.61	1930	1840	1290	719	189	163	0.07	0.05	0.03	0.02	0.03	<0.03	2.8	1.3
0831	----	----	54.95	4620	2938	1901	1443	252	252	0.10	0.10	0.15	0.07	0.15	<0.03	8.0	4.2
0833	110	60 - 90	46.61	2760	2760	1242	1242	257	257	0.09	0.09	0.04	0.02	0.03	<0.03	7.7	3.1
0834	100	60 - 80	----	2557	2557	1228	1228	204	204	0.05	0.05	0.07	0.07	0.03	<0.03	7.1	0.9
0835	98	73 - 94	49.74	3374	3040	1816	1500	261	261	0.17	0.08	0.06	0.05	0.03	<0.03	23.4	3.6
0836	90	65 - 80	----	1340	1340	775	775	----	----	0.04	0.01	0.26	0.04	0.02	0.02	4.6	4.6
0838	100	----	49.03	2566	2566	1208	1208	208	208	0.06	0.06	0.06	0.06	0.03	<0.03	4.8	4.8
0839	100	80 - 96	50.00	2390	1688	1483	770	154	154	0.03	0.03	0.11	0.03	0.03	<0.03	8.8	2.3
0840	98	73 - 94	47.32	2790	781	1602	288	199	27	0.09	0.01	0.08	0.01	0.05	<0.03	24.0	3.9
0841	100	----	54.66	2300	2025	1370	967	152	152	0.04	0.04	0.09	0.06	0.03	<0.03	6.8	3.2
0843	120	100 - 110	52.40	2100	1868	1274	695	197	197	0.09	0.06	0.07	0.01	0.06	<0.03	20.6	1.3
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				10	8	10	5	3	3	0	0	2	0	0	0	3	0
% Exceeding =				91	73	91	45	27	27	0	0	18	0	0	0	27	0
Total Number of Wells =				11													

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

008



**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0520	75	35 - 75	56.7	2070	1970	850	850	206	206	0.020	0.01	0.23	0.03	5.84	3.85	1.7	1.7
0521	75	35 - 75	52.5	2120	2120	913	913	232	232	2.77	2.12	0.16	0.16	3.17	3.17	1.9	1.9
0531	----	----	79.24	1840	1840	804	670	124	124	0.17	0.12	0.05	0.03	0.03	<0.03	3.3	2.0
0532	----	----	----	661	490	240	171	57.2	24	0.01	0.01	0.02	0.01	0.03	<0.03	16.0	3.1
0533	----	----	----	470	470	170	170	17	17	0.01	<0.01	0.01	<0.01	0.01	<0.01	16.4	16.4
0631	118	58 - 118	103.72	1650	1560	820	819	93.5	93	0.03	0.02	0.28	0.21	0.03	<0.03	2.2	2.0
0632	110	70 - 110	103.86	1710	1580	874	688	114	113	0.03	0.02	0.33	0.28	0.03	<0.03	2.5	2.5
0633	83	11 - 83	74.83	1970	1970	756	756	184	184	0.19	0.19	0.05	0.05	0.03	<0.03	3.5	3.5
0634	103	80 - 100	72.39	2090	2040	914	812	189	189	0.31	0.22	0.06	0.06	0.03	<0.03	3.9	3.2
0636	127	103 - 123	98.40	1530	1460	506	446	225	225	0.08	0.08	0.01	0.01	0.03	<0.03	14.8	14.8
0637	128.7	104 - 124	102.40	1690	1690	505	505	200	200	0.12	0.12	0.02	0.02	0.03	<0.03	11.3	4.4
0638	75	35 - 75	59.21	2260	2260	994	994	263	263	0.03	0.02	0.17	0.03	0.04	0.04	<0.1	<0.1
0639	80	35 - 80	55.42	2150	2150	957	957	223	223	2.26	2.17	0.29	0.29	5.12	4.93	2.4	2.4
0640	84	64 - 84	52.51	1910	1860	785	630	220	207	0.07	0.04	0.01	0.01	0.03	<0.03	1.2	1.1
0641	95	65 - 95	50.99	1910	1890	801	580	221	212	0.16	0.10	0.02	0.01	0.03	<0.03	1.5	1.5
0642	95	65 - 95	51.63	1870	1850	807	580	216	183	0.70	0.49	0.03	0.02	0.10	<0.03	1.2	1.2
0643	108	58 - 108	71.70	2010	1930	847	706	194	194	1.14	0.97	0.16	0.10	0.03	<0.03	2.2	2.2
0644	110	55 - 110	71.53	1900	1900	990	843	135	135	0.03	0.02	0.46	0.31	0.03	<0.03	3.6	3.4
0645	80	60 - 80	66.48	1380	1370	714	698	67	67	0.04	0.02	0.12	0.12	0.03	<0.03	1.5	1.5
0646	100	60 - 100	73.40	1760	1740	914	760	109	108	0.05	0.02	0.36	0.35	0.03	<0.03	2.8	2.7
0647	140	80 - 140	110.39	1820	1470	820	612	175	116	0.18	0.06	0.08	0.05	0.06	<0.03	5.3	4.0
0648	120	80 - 120	109.17	1390	1210	649	587	104	62	0.11	0.03	0.05	0.04	0.03	<0.03	3.9	3.4
0649	124	84 - 124	108.87	1400	1120	632	470	67.8	50	0.08	0.05	0.05	0.03	0.03	<0.03	2.9	2.4
0650	109	89 - 109	71.10	1457	1450	717	697	57.5	51	0.04	0.03	0.04	0.04	0.03	<0.03	4.7	4.7
0652	88	60 - 88	81.03	1310	1200	674	496	175	66	0.03	0.02	0.10	0.03	0.09	<0.03	1.9	1.6
0653	206	69 - 206	171.00	2010	1910	914	864	180	172	1.12	0.97	0.22	0.15	0.03	<0.03	2.6	2.6
0654	120	60 - 120	74.69	2130	2100	871	837	187	179	0.37	0.28	0.08	0.08	0.03	<0.03	4.4	3.6
0655	96	21 - 84	75.15	2020	2020	781	781	188	188	0.30	0.26	0.06	0.06	0.03	<0.03	3.4	3.4
0657	128	87 - 128	99.60	1590	1550	701	701	91.3	91	0.07	0.06	0.06	0.05	0.03	<0.03	1.8	3.4
0658	130	89 - 130	100.50	1340	1310	650	543	69.5	70	0.01	0.01	0.04	0.05	0.03	<0.03	3.9	2.6
0659	101	61 - 101	71.34	2070	2010	893	806	198	198	0.30	0.20	0.06	0.05	0.03	<0.03	3.5	3.2
0680	80	50 - 80	77.39	1862	926	703	451	207	38	0.11	0.03	0.02	0.02	0.11	<0.03	3.5	2.2
0681	117	67 - 117	64.18	1930	1930	980	980	93.3	93	0.02	0.02	0.05	0.03	0.03	<0.03	2.7	2.7
0682	94	54 - 94	80.80	2150	2090	990	990	232	151	0.25	0.18	0.20	0.20	0.03	<0.03	16.2	11.5
0683	120	80 - 120	86.41	556	467	172	119	19.8	9	0.01	0.00	0.01	<0.01	0.03	<0.03	1.9	1.3
0684	143	83 - 143	83.78	1430	1430	565	550	59.4	59	0.02	0.02	0.04	0.04	0.03	<0.03	3.0	2.4
0685	100	60 - 100	91.03	1770	1760	861	680	135	114	0.18	0.12	0.06	0.05	0.03	<0.03	4.3	3.1
0686	115	75 - 115	105.96	1641	1590	740	485	243	217	0.16	0.08	0.02	0.02	0.03	<0.03	20.9	18.8
0687	102	62 - 102	90.20	1850	1850	802	720	198	176	0.22	0.17	0.08	0.07	0.03	<0.03	11.5	8.4
0692	90	58 - 90	65.87	1550	1550	706	550	176	157	0.05	0.04	0.03	0.02	0.10	<0.03	1.9	1.4
0846	75	40 - 65	43.90	3480	3080	1957	1500	177	95	1.21	0.06	0.08	0.07	0.05	<0.03	29.0	14.5
0847	92	52 - 92	53.88	1988	1930	796	773	186	182	1.93	1.66	0.10	0.09	0.03	<0.03	1.9	1.6
0848	92	52 - 92	59.34	1752	1620	915	580	185	165	0.12	0.05	0.29	0.09	0.03	<0.03	2.9	2.0
0851	91	41 - 91	73.84	1930	1930	910	910	35.3	35	0.10	0.06	0.17	0.17	0.03	<0.03	1.8	1.8
0852	74	54 - 74	73.26	1220	1220	555	555	114	112	0.02	0.02	0.02	0.02	0.06	0.060	0.2	0.2
0855	105	70 - 105	80.53	1770	1770	799	700	96.2	91	0.03	0.03	0.33	0.29	0.03	<0.03	3.2	2.5
0861	100	50 - 100	70.24	2143	1730	1023	770	167	115	1.10	0.08	0.34	0.34	0.03	<0.03	2.9	2.8
0862	110	63 - 103	77.68	1980	1980	1230	660	182	178	0.57	0.48	0.12	0.06	0.03	<0.03	3.4	2.9
0863	110	63 - 103	90.00	1998	1980	922	670	185	185	1.81	1.20	0.16	0.11	0.03	<0.03	2.5	2.0

C09

**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>			
				H	E	H	E	H	E	H	E	H	E	H	E	H	E		
0864	95	44 - 84	69.68	2034	1880	974	760	183	170	1.81	0.65	0.35	0.12	0.03	<0.03	3.6	2.6		
0865	97	37 - 97	67.84	2297	1970	1160	760	174	170	0.46	0.17	0.61	0.25	0.03	<0.03	5.3	4.3		
0866	120	33 - 113	63.67	2046	1940	887	670	192	177	2.34	1.40	0.17	0.13	0.03	<0.03	2.3	1.5		
0867	88	48 - 88	68.00	1888	1410	922	480	169	157	0.04	0.02	0.46	0.18	0.03	<0.03	5.4	4.9		
0868	103	53 - 103	60.78	2220	1740	1001	610	199	199	0.39	0.07	0.18	0.05	0.03	<0.03	1.9	1.5		
0869	94	44 - 94	88.51	2086	1650	1055	690	181	161	0.41	0.03	0.42	0.21	0.03	<0.03	3.1	2.5		
0871	100	60 - 100	66.86	1400	1400	743	743	86	86	0.17	0.17	0.17	0.17	0.03	<0.03	2.6	2.6		
0876	95	58 - 88	69.24	2145	2050	1080	820	173	159	0.63	0.52	0.58	0.31	0.03	<0.03	4.4	2.9		
0877	70	58 - 68	63.58	1335	1190	528	265	207	207	0.07	0.07	0.19	0.02	0.03	<0.03	1.9	1.9		
0879	70	48 - 68	64.68	1461	1430	739	739	201	87	0.05	0.02	0.22	0.21	0.03	<0.03	1.4	1.3		
0881	96	76 - 96	74.60	2110	2050	951	819	189	177	0.43	0.24	0.09	0.06	0.03	<0.03	4.2	3.4		
0882	110	70 - 110	66.55	1770	1770	864	864	51	47	0.02	0.01	0.01	<0.01	0.03	<0.03	0.8	<0.1		
0883	100	60 - 90	59.85	2510	2020	1357	878	184	173	0.05	0.02	0.12	0.07	0.03	<0.03	5.8	5.8		
0884	90	58 - 88	75.16	2720	2560	1370	1200	166	153	0.61	0.55	0.35	0.17	0.03	<0.03	17.7	12.9		
0885	100	70 - 100	67.00	2100	1820	1100	720	188	170	0.10	0.07	0.07	0.03	0.09	<0.03	3.3	1.4		
0886	90	60 - 90	70.52	2440	2440	1185	1050	203	180	0.69	0.48	0.15	0.15	0.09	0.040	8.3	8.3		
0888	105	75 - 105	78.26	2400	2390	1227	957	182	166	0.66	0.54	0.18	0.11	0.03	<0.03	8.7	8.7		
0889	65	35 - 65	63.31	1456	578	619	240	164	25	0.07	0.07	0.01	0.01	0.04	<0.03	0.5	0.5		
0890	101	81 - 101	74.76	2010	1970	876	798	187	185	0.27	0.27	0.08	0.05	0.03	<0.03	3.4	2.7		
0893	98	78 - 98	70.68	18500	1850	899	728	163	163	0.12	0.08	0.08	0.02	0.03	<0.03	2.5	1.4		
0894	78	58 - 78	78.00	2100	2100	956	797	182	177	0.36	0.30	0.08	0.08	0.03	<0.03	4.3	4.2		
0895	104	61 - 101	82.00	1890	1850	1010	768	142	131	0.09	0.09	0.08	0.07	0.03	<0.03	10.0	10.0		
0896	113	73 - 113	83.11	1960	1950	1030	853	207	194	0.03	0.03	0.11	0.09	0.03	<0.03	20.2	8.3		
0897	93	63 - 93	83.28	1530	1040	576	432	148	101	0.07	0.06	0.01	0.01	0.03	<0.03	0.2	0.2		
0899	110	70 - 110	97.32	1840	1090	817	402	227	187	0.19	0.03	0.12	0.06	0.03	<0.03	15.4	10.5		
0905	120	100 - 120	----	1160	1050	584	446	57	51	0.06	0.06	0.08	<0.01	0.03	<0.03	21.5	4.1		
0909	140	80 - 135	77.45	1660	1240	856	633	105	105	0.03	0.02	0.32	0.07	0.05	<0.03	2.6	2.6		
0910	138	120 - 134	----	1040	951	547	320	71	37	0.03	0.01	0.06	0.02	0.06	<0.03	18.0	4.1		
0912	----	----	----	640	640	*	290	290	*	21	21	*	<0.01	*	0.03	0.030	4.2	4.2	*
0913	----	----	38.40	420	420	*	314	314	*	110	110	*	<0.01	*	0.03	0.030	0.4	0.4	*
0915	100	55 - 85	----	350	350	*	114	114	*	28	28	*	<0.01	*	0.04	0.040	4.8	4.8	*
0917	----	----	----	700	605	----	394	173	----	78	47	----	0.03	0.01	0.07	<0.03	7.2	6.8	----
0926	134	123 - 132	----	2390	2390	*	850	850	*	390	390	*	0.05	0.05	0.05	<0.05	133	133.0	*
0935	300	95 - 132	88.66	2030	2030	----	843	780	----	201	143	----	0.34	0.28	0.17	0.170	34.5	7.6	----
0936	160	100 - 160	----	1100	849	----	419	367	----	74.7	75	----	0.01	<0.01	0.05	<0.03	36.7	6.3	----
0939	97	----	59.31	1550	1234	----	700	584	----	55.3	55	----	0.03	0.03	0.05	0.030	17.3	1.0	----
0940	70	----	57.30	1364	1203	----	651	504	----	47.2	40	----	0.04	0.04	0.03	<0.03	3.9	1.9	----
0942	102	85 - 95	----	2280	1570	----	1220	590	----	100	61	----	0.07	0.05	0.07	<0.03	30.6	2.6	----
0947	100	70 - 100	54.63	1890	1820	----	697	590	----	219	219	----	0.11	0.08	0.04	<0.03	1.8	1.6	----
0952	140	----	----	1470	1470	*	334	334	*	14	14	*	<0.01	*	0.05	0.050	3.9	3.9	*
0975	----	----	----	1275	1275	----	628	628	----	59	59	----	0.01	0.01	0.03	<0.03	0.3	0.3	----
0976	115	----	----	1251	1251	----	578	578	----	61.1	61	----	0.03	0.03	0.03	<0.03	5.4	1.3	----
0977	----	----	61.47	1427	1427	----	743	631	----	60.1	60	----	0.02	0.02	0.03	<0.03	3.3	0.2	----
0979	105	90 - 100	----	1738	1738	----	769	769	----	137	137	----	0.04	0.04	0.03	<0.03	5.0	5.0	----
0980	----	----	57.70	1424	1424	----	604	604	----	94	94	----	0.03	0.03	0.03	<0.03	4.7	4.7	----
0985	115	90 - 110	58.75	1550	1091	----	774	400	----	71	49	----	0.03	0.03	0.03	<0.03	6.0	2.3	----
0989	----	----	58.10	1153	1153	----	483	483	----	38	38	----	0.03	0.03	0.03	<0.03	4.8	4.8	----
0992	100	85 - 95	----	1650	1650	----	748	748	----	101	101	----	0.04	0.04	0.03	0.030	3.6	3.1	----
0994	144	95 - 110	89.10	488	488	----	151	140	----	11.2	11	----	0.01	0.01	0.03	<0.03	2.5	1.9	C10

**TABLE A-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0996	138	126 - 136	90.25	1710	1560	906	610	159	103	0.17	0.07	0.08	0.08	0.03	<0.03	5.7	5.2
0997	-----	-----	76.90	473	437	144	144	7.39	5	0.01	<0.01	0.01	<0.01	0.03	<0.03	0.6	0.4
0999	-----	-----	-----	871	683	340	273	47	34	0.20	0.01	0.01	0.01	0.04	<0.03	13.3	3.5
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				50	42	19	6	2	2	0	0	31	20	3	3	17	6
% Exceeding =				50	42	19	6	2	2	0	0	31	20	3	3	17	6
Total Number of Wells =				101													

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C11

**TABLE A-5. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE HOMESTAKE WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0931	366.7	-----	94.48	2160	1410	779	574	540	145	0.14	0.00	0.03	0.01	0.42	<0.03	5.0	<0.1
0934	293.0	330 - 400	163.72	1910	1830	821	629	241	77	0.06	0.05	0.06	0.03	0.12	<0.03	4.2	<0.1
CE1	137.0	98 - 138	50.96	2350	1990	1160	925	140	103	2.06	1.69	0.28	0.12	1.13	0.57	0.5	0.1
CE2	119.7	78 - 118	63.90	2210	2000	1010	735	203	172	23.6	0.92	4.63	0.08	25.2	0.33	5.4	5.4
CE5	140.0	100 - 140	40.71	1990	313	851	112	214	214	2.00	0.02	0.13	<0.01	1.13	0.01	1.9	1.9
CW3	235.0	210 - 235	165.98	1970	1970	998	906	85	57	1.35	1.34	0.07	0.07	1.26	1.26	7.9	<0.1
CW4R	138.9	102 - 142	41.31	2635	1870	861	737	171	157	1.06	0.45	0.17	0.09	0.28	0.11	6.6	1.2
CW5	170.0	135 - 170	1.00	5040	1885	2740	695	404	183	10.47	0.2	1.38	0.04	3.28	<0.03	7.2	1.7
CW9	180.0	130 - 180	66.00	1330	1230	923	576	73.3	49	0.06	0.01	0.07	<0.01	0.11	0.04	3.0	0.1
CW13	267.7	225 - 265	1.00	2050	1820	973	973	94.9	85	0.10	0.1	0.24	0.19	0.03	<0.03	1.3	0.5
CW25	105.0	62 - 102	2.30	2835	1880	1502	679	202	202	0.25	0.19	0.18	0.03	0.20	0.14	17.5	1.8
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				10	8	5	0	2	0	2	0	7	1	5	1	1	0
% Exceeding =				91	73	45	0	18	0	18	0	64	9	45	9	9	0
Total Number of Wells = 11																	

NOTE: H = Highest Concentration Observed in Well  
E = Existing (latest) Concentration Observed in Well  
= Exceeds Present State Standard  
% = Percentage of Wells that Exceed Present State Standard  
\* = Latest Value is Pre-1994

C12

**TABLE A-6. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE BROADVIEW AND FELICE ACRES WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
<b>Broadview</b>																	
0430	145.0	----	----	2940	2940 *	1109	697 *	184	163 *	3.62	0.14 *	0.25	0.1 *	0.25	0.07 *	2.2	2.1 *
0431	130.0	125 - 130	35.00	5950	1709	3227	668	312	180	17.04	0.02	2.30	0.01	5.78	<0.03	7.5	1.9
0446	110.0	60 - 95	41.28	2520	1420	1896	576	248	196	0.24	0.02	0.15	0.01	0.05	<0.03	7.4	2.1
0447	142.0	120 - 142	41.18	2690	2480 *	1428	1337 *	149	149 *	1.65	1.52 *	0.33	0.25 *	0.24	0.24 *	3.0	3 *
Present State Standard =				1770	1770	976	728	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				4	2	4	1	1	0	1	0	4	1	1	0	0	0
% Exceeding =				100	50	100	25	25	0	25	0	100	25	25	0	0	0
Total Number of Wells = 4																	
<b>Felice Acres</b>																	
0494	----	65 - 85	34.88	1990	1880	958	666	213	209	0.92	0.27	0.07	0.03	0.31	0.08	20.0	1.7
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				1	1	0	0	0	0	0	0	0	0	0	0	1	0
% Exceeding =				100	100	0	0	0	0	0	0	0	0	0	0	100	0
Total Number of Wells = 1																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C13

**TABLE A-7. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE MURRAY ACRES WELL  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
AW	156.0	66 - 155	15.00	4440	1710 *	2991	942 *	312	177 *	7.89	0.62 *	1.90	0.03 *	27.00	0.24 *	42.6	5.7 *
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				1	0	1	0	1	0	1	0	1	0	1	0	1	0
% Exceeding =				100	0	100	0	100	0	100	0	100	0	100	0	100	0
Total Number of Wells = 1																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C14

**TABLE A-8. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE REGIONAL WELLS  
WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0929	320.0	290 - 320	174.36	1810	1700	811	671	234	77	0.35	0.02	0.04	0.01	0.18	<0.03	4.2	0.1
0933	-----	-----	52.78	2345	1780	709	504	645	437	0.02	0.02	0.02	0.01	0.03	<0.03	5.8	0.8
0944	300.0	220 - 280	148.45	2800	1920	1495	780	272	147	0.07	0.01	1.00	0.03	5.28	0.04	17.0	1.1
0945	300.0	-----	92.41	2270	2040	768	622	680	342	0.09	0.03	0.02	0.01	0.08	0.05	2.3	<0.1
0946	260.0	230 - 260	37.45	1980	1980	1052	647	161	161	0.04	0.03	0.44	0.05	0.05	<0.03	6.2	1.7
CW18	230.7	177 - 237	53.27	2010	1910	744	565	214	188	0.15	0.05	0.13	0.03	0.05	<0.03	1.4	1.4
CW40	264.0	224 - 264	54.21	1990	1870	978	570	206	172	0.05	0.03	0.40	0.02	0.06	<0.03	1.9	1.7
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				7	6	3	0	3	2	0	0	4	0	1	0	1	0
% Exceeding =				100	86	43	0	43	29	0	0	57	0	14	0	14	0
Total Number of Wells = 7																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C15

**TABLE A-9. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE HOMESTAKE WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0930	410.0	330 - 400	113.43	1960	1570	647	639	195	195	0.03	0.01	0.02	<0.01	0.31	<0.03	0.6	<0.1
CW1	325.0	212 - 323	163.73	1780	1240	1039	552	36.3	36	0.11	0.03	0.09	0.01	0.04	<0.03	1.9	0.1
CW2	355.0	306 - 353	89.03	2280	1040	1430	411	76	40	0.14	0.07	0.09	0.01	0.15	0.06	6.3	0.1
CW6	282.0	246 - 276	117.21	3250	1573	1486	827	142	99	2.06	0.03	0.75	0.01	1.90	<0.03	10.0	<0.1
CW14	360.9	278 - 358	12.48	1636	1306	754	601	63	63	0.02	0.01	0.22	0.10	0.03	<0.03	5.0	2.4
CW17	108.0	83 - 103	60.80	3250	3020	1890	1680	88	77	0.18	0.13	0.12	0.07	0.09	<0.03	16.8	14.9
CW24	121.0	78 - 118	57.79	3120	3080	1750	1410	95.7	90	0.15	0.13	0.08	0.08	0.04	<0.03	12.3	8.4
CW35	120.0	93 - 118	59.39	6900	2360	1260	1220	70	57	0.23	0.18	0.52	0.07	0.03	<0.03	8.4	3.4
WR25	113.3	71 - 111	61.10	3040	2940	1710	1330	186	114	0.17	0.07	0.24	0.16	0.13	<0.03	21.8	21.8
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				8	4	7	4	0	0	0	0	4	1	1	0	2	2
% Exceeding =				89	44	78	44	0	0	0	0	44	11	11	0	22	22
Total Number of Wells = 9																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C16



**TABLE A-10. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE BROADVIEW AND FELICE ACRES WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
<b>Broadview</b>																	
0434	280	----	----	1930	1660	859	682	199	178	0.46	0.23	0.24	0.04	0.15	<0.03	6.5	1.8
0436	295	280 - 295	71.82	1942	1840	984	950	119	119	1.68	0.04	0.26	0.02	0.05	<0.03	8.3	<0.1
0437	340	240 - 300	63.23	2170	1920	1327	696	152	152	0.19	0.03	0.36	0.01	0.05	<0.03	4.0	1.0
0449	267	----	63.42	2026	2026	1072	1072	116	116	0.12	0.08	0.19	0.19	0.03	<0.03	11.5	11.5
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				4	3	3	1	0	0	0	0	4	1	0	0	0	0
% Exceeding =				100	75	75	25	0	0	0	0	100	25	0	0	0	0
Total Number of Wells = 4																	
<b>Felice Acres</b>																	
0481	320	270 - 310	----	1990	1450 *	1110	750 *	99	64 *	0.98	0.42 *	0.32	0.08 *	0.16	0.1 *	2.0	1.8 *
0482	260	220 - 260	35.85	2690	1906	1300	716	240	197	6.53	0.25	0.80	0.02	2.35	<0.03	4.2	1.8
0483	280	----	36.93	3800	1891	2100	711	277	198	12.3	0.22	1.60	0.04	4.93	0.08	5.3	1.1
0484	320	220 - 300	39.43	2040	1830	1194	811	159	101	0.87	0.32	0.51	0.17	0.06	<0.03	24.3	1.1
0485	260	220 - 260	70.90	1220	1089	612	380	158	158	0.01	0.00	0.03	<0.01	0.04	0.04	2.2	<0.1
0486	179.2	200 - 260	70.36	2068	2030	1060	929	159	159	1.03	0.84	0.37	0.32	0.03	<0.03	2.9	2.4
0487	260	----	49.20	3100	1992	1732	879	234	189	0.24	0.24	0.31	0.02	0.08	<0.03	161	2.6
0488	----	----	78.10	1958	1950	944	921	148	148	0.41	0.41	0.39	0.39	0.03	<0.03	3.2	3.2
0489	----	----	----	----	----	----	----	----	----	----	----	0.07	0.05 *	----	----	1.5	1.5 *
0493	----	270 - 300	110.36	1510	1350	765	668	170	88	0.31	0.05	0.26	0.17	0.10	<0.03	7.9	1.7
CW44	208	69 - 208	157.65	2060	1970	909	822	208	186	1.41	0.85	0.11	0.08	0.03	<0.03	2.5	2.5
CW45	193	163 - 193	55.56	2130	1730	984	650	180	175	2.05	1.71	0.27	0.12	0.03	<0.03	2.0	2.0
CW46	187	125 - 185	67.18	2111	1750	1063	720	180	177	1.76	0.04	0.41	0.24	0.03	<0.03	3.2	2.9
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				10	7	8	0	1	0	2	0	10	5	2	0	2	0
% Exceeding =				77	54	62	0	8	0	15	0	77	38	15	0	15	0
Total Number of Wells = 13																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C17



**TABLE A-12. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE REGIONAL WELLS WITH CONCENTRATIONS GREATER THAN PRESENT STATE STANDARDS HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0850	54.0	29 - 54	55.82	2044	2044	939	939	206	206	0.04	0.04	0.02	0.02	0.05	0.05	5.0	5.0
0859	83.0	50 - 83	75.41	2150	2010	1017	856	175	175	0.20	0.17	0.14	0.12	0.03	<0.03	4.5	2.9
0902	150.0	78 - 102	52.10	4040	2258	1470	1120	192	188	0.19	0.19	0.79	0.46	0.04	<0.03	41.1	2.9
0932	501.0	450 - 490	86.73	2300	1444	656	443	638	381	0.01	<0.01	0.01	<0.01	0.04	0.04	7.0	1.0
0960	305.0	285 - 305	67.46	1871	1690	973	809	155	155	0.03	0.02	0.60	0.30	0.03	<0.03	2.9	2.8
0961	240.0	200 - 240	67.40	1750	1680	917	854	137	134	0.02	0.02	0.47	0.30	0.03	<0.03	3.3	3.0
0962	238.0	220 - 238	-----	1330	1330	603	603	83.3	77	0.03	0.03	0.20	0.20	0.03	<0.03	1.7	1.6
CW15	134.6	73 - 133	75.00	1800	1690	982	838	58.2	31	0.05	0.02	0.04	0.04	0.03	<0.01	4.7	1.1
CW16	-----	112 - 152	68.02	2041	2030	900	840	171	171	1.81	1.81	0.28	0.21	0.03	<0.03	2.2	1.9
CW27	110.0	-----	72.70	2168	1600	1205	701	148	147	0.03	0.02	0.53	0.29	0.07	<0.03	7.1	3.0
CW28	370.0	280 - 360	85.75	1410	1370	482	390	97	95	0.08	0.05	0.08	0.02	0.03	<0.03	1.7	1.7
CW30	251.5	219 - 249	101.26	2200	2200	996	996	151	136	0.57	0.14	0.31	0.17	0.06	<0.03	3.8	3.4
Present State Standard =				1770	1770	976	976	250	250	5.00	5.00	0.12	0.12	1.00	1.00	12.4	12.4
Total Number of Wells Exceeding =				9	5	5	2	1	1	0	0	8	7	0	0	1	0
% Exceeding =				75	42	42	17	8	8	0	0	67	58	0	0	8	0
Total Number of Wells =				12													

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Present State Standard  
 % = Percentage of Wells that Exceed Present State Standard  
 \* = Latest Value is Pre-1994

C19

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0690	65.0	25 - 65	62.50	1160	1140	355	355	231	231	0.03	0.03	0.01	0.01	0.03	<0.03	----	----
0691	66.0	26 - 66	57.36	1170	848	321	274	202	202	0.03	0.02	0.02	0.02	0.03	<0.03	0.1	<0.1
1A	64.6	39 - 51	39.64	3490	3270	1440	1440	346	231	10.68	5.60	0.80	0.72	6.90	6.90	39.6	23.3
1B	51.8	20 - 50	38.70	2630	2460	1190	874	258	255	0.09	0.00	0.90	0.07	0.11	<0.03	9.0	8.6
1C	52.9	34 - 54	43.26	1747	1680	718	619	224	202	0.08	0.04	0.06	0.05	0.05	<0.03	9.1	<0.1
1D	42.9	22 - 42	29.00	2690	1940	948	508	-----	-----	0.05	0.03	0.82	0.35	0.03	<0.03	-----	-----
1E	51.4	34 - 54	2.00	2530	2160	1050	959	420	169	4.79	0.22	0.70	0.62	0.49	0.40	15.0	8.4
1F	61.8	30 - 60	44.63	3560	3560	1500	1500	336	336	17.30	17.30	0.80	0.80	0.04	0.03	14.9	14.9
1G	57.5	35 - 55	42.71	2340	2330	968	840	219	210	0.13	0.06	0.50	0.54	0.03	<0.03	14.1	13.1
1H	55.4	25 - 55	31.16	1861	1690	817	450	211	153	0.80	0.63	0.86	0.84	0.03	<0.03	6.7	5.5
1I	49.8	27 - 47	34.26	1482	1210	357	256	404	403	0.03	0.02	0.94	0.89	0.03	<0.03	14.8	13.4
1J	50.3	30 - 50	33.04	3620	3620	840	840	663	663	5.12	5.12	6.29	6.29	1.29	1.29	10.0	10.0
1K	55.6	30 - 55	29.86	8860	1820	3406	620	731	731	44.00	2.58	8.87	0.53	22.8	4.9	26.8	9.3
1L	53.4	35 - 55	29.31	3160	3160	1250	1250	376	229	0.59	0.08	1.12	1.12	0.16	0.16	9.3	0.2
1N	45.6	15 - 44	29.60	2820	2820	1010	1010	331	331	0.18	0.08	1.00	1.00	0.06	0.03	22.5	22.5
1P	52.8	20 - 40	38.70	2280	2280	681	509	454	454	0.05	0.03	0.25	0.25	0.03	<0.03	4.4	4.4
B	68.6	49 - 69	42.57	4820	2240	2401	981	312	185	11.36	0.49	4.45	0.37	0.57	<0.03	41.0	3.9
B1	90.9	62 - 82	45.11	9060	2140	4785	786	426	182	52.15	2.10	3.73	0.22	49.0	2.22	40.0	3.1
B2	83.0	55 - 75	49.78	3780	3780	1510	1480	252	252	7.82	7.82	0.66	0.50	9.74	9.74	3.1	3.1
B3	87.0	58 - 78	62.15	5520	5050	2730	2640	412	412	19.65	13.33	0.93	0.62	17.7	17.7	4.5	4.5
B4	88.8	63 - 83	59.60	4720	4440	2320	1890	192	192	12.89	12.89	0.68	0.62	5.88	5.88	2.5	2.5
B5	91.0	62 - 82	57.23	6230	6200	3200	3090	318	318	17.47	14.93	3.46	1.57	7.19	5.07	5.8	5.8
B6	90.0	63 - 83	48.94	9120	9120	4640	4640	190	190	38.30	33.90	3.61	1.38	2.49	2.04	4.9	4.9
B7	87.0	53 - 78	43.82	2938	2938	1638	1638	195	195	3.32	3.32	1.14	1.14	2.44	2.44	4.1	4.1
B8	87.0	53 - 78	49.94	14500	10000	7580	4850	747	747	67.20	55.10	5.38	4.60	26.3	19.3	30.9	30.9
B9	86.0	51 - 78	50.32	5655	5655	3116	3116	472	472	55.43	55.43	10.2	10.2	9.88	9.88	7.4	7.4
B10	84.8	51 - 78	63.26	25700	8000	13100	3800	1785	663	101.0	24.40	16.1	4.02	69.7	35.6	99.1	46.9
B11	84.9	42 - 80	53.61	21600	6010	11000	3140	1500	314	57.60	11.20	22.6	1.79	59.9	18.3	217	21.9
BA	86.0	64 - 78	43.96	2486	2486	1269	1269	195	195	2.19	2.19	0.54	0.54	0.92	0.92	7.7	7.7
BB2	56.6	42 - 62	48.84	6890	3140	3087	1611	851	241	17.00	0.08	0.07	0.02	0.28	<0.03	29.9	2.3
BC	82.8	63 - 83	49.36	4630	2090	2815	1090	780	81	15.50	0.26	2.06	<0.01	5.43	0.05	230	<0.1
BP	85.4	40 - 85	45.45	3300	2400	1783	1100	226	190	3.65	1.30	0.80	0.34	32.0	0.19	11.5	5.3
C1	76.0	41 - 68	38.51	4190	1950	2189	794	300	176	3.80	1.40	4.37	0.12	4.86	2.04	4.8	2.6
C2	76.0	42 - 67	35.03	3360	1810	1720	589	298	204	4.42	0.44	1.64	0.03	2.76	0.23	6.9	0.8
C3R	75.0	43 - 68	18.00	2467	1940	1126	633	194	184	0.43	0.22	0.17	<0.01	0.20	<0.03	6.6	2.1
C4	75.0	46 - 66	39.66	3446	2010	1890	722	272	192	2.29	0.32	1.34	0.09	1.42	<0.03	6.3	2.6
C5	72.0	43 - 63	36.20	6470	2070	2219	670	350	182	5.79	0.92	4.91	0.03	7.05	1.18	10.9	2.4
C6	80.8	34 - 74	66.77	6670	4390	3370	1910	652	247	29.99	8.44	2.21	0.98	40.8	22.4	9.6	8.0
C7	72.4	25 - 65	70.24	6410	5210	2791	2040	1080	501	16.60	10.40	6.81	1.53	21.7	20.40	9.6	9.6
C8	78.1	31 - 71	76.00	8660	4140	3630	1610	1549	471	101.0	11.00	16.8	1.40	24.7	12.1	16.0	12.8
C9	77.0	27 - 67	72.60	13400	5290	6310	2220	2374	467	135.0	12.70	28.4	1.99	66.7	17.0	26.7	7.6
C10	71.6	30 - 70	65.90	14500	6910	7410	3240	1460	672	110.0	25.20	27.1	3.45	63.0	35.4	17.2	12.4

C20

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
C11	68.2	35 - 65	64.10	13762	5470	6980	2220	1889	377	94.80	18.90	26.2	3.38	56.0	22.3	119	119
C12	63.5	34 - 64	44.94	16082	3610	8710	1700	1861	211	122.0	11.30	33.3	1.52	64.7	15.3	82.6	13.7
D1	89.4	58 - 90	46.89	3940	1920	2158	720	227	196	8.65	1.15	0.83	0.09	8.80	1.05	13.0	2.6
DA	99.1	50 - 100	61.40	18950	13700	8878	6540	2225	831	89.07	34.40	3.48	1.60	105	44.2	28.0	6.7
DA2	82.1	64 - 74	51.11	33870	8046	6987	4582	674	481	34.34	18.67	1.47	1.21	50.7	22.6	28.2	5.1
DB	73.2	55 - 85	66.15	14000	11300	7230	5530	1000	795	59.11	30.00	8.07	1.05	60.8	45.1	33.0	5.7
DBR	55.6	----	52.19	28416	28416	12735	12735	1716	1716	59.60	59.60	1.05	0.66	98.6	98.6	12.0	1.5
DC	64.1	45 - 65	43.16	3510	2170	1839	1140	709	69	0.82	0.06	0.23	0.06	1.51	<0.03	331	3.5
DE	70.2	60 - 90	63.70	23360	12600	9288	5800	1064	774	70.34	27.40	3.85	1.73	125	38.7	58.0	4.5
DF	88.5	65 - 95	60.75	15053	10300	7958	5327	21274	714	55.40	29.90	3.52	1.04	85.5	8.03	62.0	8.5
DG	88.9	65 - 95	61.80	20500	18476	51100	9429	944	790	66.57	48.84	2.49	1.30	2820	55.6	76.0	16.5
DH	61.7	65 - 95	52.65	27800	27800	13291	13020	1383	1383	106.0	82.26	13.5	2.53	133	133	116	24.0
DI	86.1	35 - 85	57.87	33116	32164	16112	16112	2170	2006	137.8	58.20	5.03	1.52	152	152	56.0	5.3
DJ	85.7	35 - 85	46.87	33120	33120	15355	15339	1773	1773	131.9	86.50	4.79	1.94	140	135	94.0	46.2
DK	65.4	35 - 55	43.58	22920	22920	13925	12034	798	496	116.6	115.3	3.15	2.03	199	90.9	94.0	63.1
DM	62.8	----	52.00	27920	5340	13115	2350	1080	339	118.3	8.68	3.11	2.11	186	12.8	130	6.0
DN	66.7	----	51.52	18700	17300	11725	8480	5674	1170	117.7	44.08	2.72	1.96	211	63.2	31.5	4.8
DNR	79.7	----	51.80	21286	18900	10032	9110	1200	1200	69.81	49.54	2.77	2.43	113	68	8.7	4.4
DO	75.8	65 - 75	65.20	5860	5664	2962	2910	337	311	15.82	15.82	1.32	0.86	26.6	26.6	9.0	5.7
DP	79.8	----	53.46	17800	1960	8940	687	1160	163	72.90	3.19	16.1	0.45	49.8	17.2	198	89.5
DQ	85.3	----	54.11	20300	10300	10500	5060	1575	850	73.80	32.10	17.6	1.86	96.7	57.9	175	11.8
DR	87.8	65 - 85	66.05	15930	13600	8528	5280	542	542	80.98	34.90	2.20	1.76	119	51.4	37.3	5.7
DS	----	62 - 77	65.22	20200	20200	9050	7610	1116	1050	60.21	47.00	3.50	1.63	4345	60.4	34.1	4.3
DT	72.3	59 - 99	59.80	13350	12500	7068	4780	725	584	43.67	32.94	2.06	1.21	47.5	44.9	30.8	6.6
DU	84.6	61 - 81	51.56	17090	12690	8563	5549	603	397	474.9	37.31	6.77	2.59	118	49.7	47.8	12.3
DV	80.0	60 - 80	83.45	13899	11800	6626	5810	843	702	45.03	39.20	2.82	1.01	63.2	19.20	7.4	7.0
DX	----	60 - 90	61.80	18300	15600	10600	8180	1034	945	92.40	45.60	5.17	2.19	65.4	65.4	54.0	16.3
DZ	81.8	----	57.64	32960	14900	15534	6100	2303	652	139.1	29.00	7.46	2.12	167	36.3	50.2	16.5
EE	91.2	50 - 90	45.26	24320	2916	11191	1478	727	206	109.0	4.07	3.66	0.30	148	3.45	40.8	0.6
F	63.8	45 - 65	31.80	3180	1750	1871	610	206	188	0.51	0.11	0.60	0.01	0.15	<0.03	22.0	2.0
FB	62.0	43 - 58	35.41	4340	1790	2631	750	273	198	10.64	0.10	3.64	0.12	0.3	<0.03	47.0	2.7
FF	----	52 - 132	41.08	----	----	4157	4157	305	305	43.84	43.84	1.12	1.12	49.7	49.7	----	----
G	78.3	50 - 80	4.00	----	----	2223	2140	262	149	8.06	0.14	1.07	0.03	1.82	0.07	----	----
GH	69.2	55 - 65	32.83	1860	1760	1092	709	227	191	0.15	0.05	0.09	0.02	0.18	<0.03	5.9	2.8
GV	83.0	62 - 82	50.08	1840	1840	706	644	194	190	0.06	0.03	0.19	0.01	0.06	0.01	1.8	1.6
H	69.3	50 - 70	37.93	1690	1450	1601	708	191	191	0.59	0.01	0.12	<0.01	0.10	<0.01	9.8	2.7
I	70.0	52 - 72	31.64	4052	1510	3280	520	341	185	0.14	0.13	1.57	0.01	0.41	<0.03	24.5	1.7
K	61.7	44 - 64	7.55	7940	7940	3930	3889	631	631	51.22	14.84	1.06	0.64	65.8	63.5	32.5	22.0
K2	58.9	46 - 56	14.90	10040	939	4238	219	876	70	45.10	0.67	4.02	0.18	78.0	3.57	120	2.5
K3	56.7	53 - 58	43.44	5251	5251	3276	2856	504	88	36.55	6.15	1.21	1.21	45.8	7.47	3.2	1.2
K4	86.2	65 - 85	72.60	7200	1620	3330	609	1300	93	22.38	2.65	8.96	1.18	31.8	6.7	9.8	3.8
K5	86.4	55 - 85	62.94	7457	3630	3375	1750	788	108	24.45	1.04	4.12	0.23	54.5	8.2	11.4	7.5

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**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
K6	58.0	33 - 58	13.00	1990	444	751	103	211	38	1.60	0.03	0.05	0.01	3.14	0.05	2.1	2.1
KA	67.8	42 - 72	32.18	5520	1340	3104	450	509	120	13.20	0.81	2.30	0.18	19.5	3.00	11.3	2.2
KB	61.8	40 - 70	8.10	5466	1510	3020	556	495	108	12.04	1.39	2.95	0.19	19.2	4.73	12.3	3.9
KC	68.6	42 - 72	9.00	5640	1380	3141	519	532	88	13.67	0.79	2.98	0.15	21.2	2.54	12.5	3.1
KD	62.1	40 - 70	4.65	4700	944	3185	262	332	75	22.05	0.33	2.81	0.08	28.3	1.98	54.0	2.2
KE	60.8	40 - 70	11.70	8070	908	3880	268	674	78	26.20	0.19	4.23	0.03	46.4	0.79	68.7	2.0
KEB	59.9	40 - 60	16.43	2472	859	1003	272	212	55	5.35	0.30	0.21	0.04	7.50	0.60	2.7	2.2
KF	63.5	30 - 60	25.04	4040	1120	2037	376	202	106	2.27	0.12	0.11	0.03	3.47	0.15	7.0	2.6
KM	52.4	----	12.20	8740	198	4370	69	887	27	37.31	0.02	2.26	<0.01	63.4	0.06	88.0	1.9
KN	50.1	----	2.00	2030	575	755	147	201	43	2.25	0.28	0.08	0.04	2.68	1.10	2.0	2.0
KZ	58.4	----	28.44	7240	1260	3308	475	496	87	1450	0.42	1.87	0.09	44.3	1.34	88.2	0.4
L	67.0	46 - 66	42.30	2040	1580	921	570	211	191	3.29	1.55	0.26	0.02	3.58	1.40	6.4	2.0
L5	60.2	25 - 55	46.68	5921	1490	3640	585	678	137	12.00	1.03	4.40	0.53	20.5	2.24	8.2	2.7
L6	51.1	25 - 55	27.21	2880	1370	1443	460	265	242	3.36	1.19	3.80	0.80	27.2	2.82	3.3	3.3
L7	67.8	36 - 66	64.80	5437	1810	2629	762	730	232	12.16	1.12	7.77	1.49	25.8	4.67	5.6	3.5
L8	73.9	32 - 72	54.80	5060	1270	2434	488	471	161	7.88	0.81	2.79	0.20	19.6	1.79	9.3	2.4
L9	74.9	43 - 73	53.64	2909	1400	1499	497	273	139	6.00	1.01	1.07	0.08	10.1	1.61	4.7	2.2
L10	74.2	53 - 73	53.41	2150	1680	1027	624	228	133	3.09	1.22	0.27	0.04	3.77	1.41	2.9	2.1
M1	103.4	66 - 106	79.80	13210	13210 *	7308	7308 *	2250	426 *	47.49	47.06 *	2.29	1.74 *	68.4	68.4 *	36.6	14.4 *
M2	40.4	----	34.85	22048	22048	11347	11347	962	962	100.1	100.1	1.28	1.28	95.1	95.1	0.1	<0.1
M3	105.3	79 - 99	65.80	11172	3340	5499	1380	562	268	33.60	6.51	2.73	0.35	43.3	7.3	23.5	5.4
M4	81.8	78 - 82	56.72	17260	2020	9209	863	780	184	60.63	4.21	2.99	0.12	118	5.78	29.2	2.2
M5	92.3	60 - 90	49.16	4500	1970	2415	759	227	187	11.79	0.98	2.04	0.06	25.4	0.83	29.0	2.4
MO	88.0	45 - 85	64.75	3270	2460	1755	1190	191	185	0.91	0.34	0.26	0.07	0.13	<0.03	27.5	9.9
MQ	98.0	58 - 98	65.04	3090	2940	1500	1180	223	191	1.55	1.55	0.60	0.34	0.38	0.36	14.3	8.1
MR	100.0	54 - 94	68.58	2440	2370	1180	900	197	179	0.65	0.50	0.15	0.13	0.04	0.03	8.1	7.8
MS	82.0	52 - 82	62.00	2160	1890	835	616	206	187	0.37	0.09	0.09	0.03	0.05	<0.03	3.2	1.8
MT	98.0	34 - 94	68.40	2900	2540	1530	1070	163	144	0.39	0.31	0.31	0.18	0.03	<0.01	21.2	12.3
MU	80.0	50 - 80	44.19	4220	4220	2330	1630	169	169	0.12	0.11	0.10	0.10	0.03	<0.03	114.0	114.0
MV	105.0	75 - 105	65.97	2110	2110	876	784	205	184	0.25	0.24	0.10	0.10	0.03	0.02	4.0	4.0
MX	103.0	63 - 103	52.07	1870	1840	774	606	190	190	0.04	0.03	0.01	0.01	0.03	<0.03	1.5	1.3
MY	112.0	72 - 112	58.07	1920	1860	773	600	223	198	0.03	0.02	0.04	0.02	0.04	<0.03	1.6	1.1
N	92.0	54 - 94	53.09	3030	2390	1788	1230	340	60	0.92	0.09	0.27	0.10	0.49	<0.03	38.0	15.3
NA	91.4	50 - 90	57.75	7700	2430	4038	1130	121	121	33.24	2.68	0.10	0.09	33.0	6.16	3.9	3.9 *
NB	96.4	50 - 90	50.48	31913	26500	14602	11700	1988	1320	65.41	62.10	0.51	0.51	93.8	93.8	11.5	9.1 *
NC	95.0	65 - 95	53.21	2490	1280	1789	640	76	40	2.76	0.01	0.08	0.07	0.17	<0.03	15.9	4.0
NE5	156.8	135 - 155	64.81	28163	4670	10293	1910	1106	194	54.60	5.87	0.38	0.05	131	16	5.4	0.3
NW5	149.8	119 - 159	114.58	25477	2410	9174	1010	1010	108	51.50	1.61	0.29	0.08	165	5	11.7	0.4
O	69.9	40 - 70	48.86	2490	1970	2015	900	202	140	1.61	0.03	0.33	0.24	1.70	<0.03	13.0	0.5
PM	81.9	----	15.00	3528	1880	1930	650	242	213	6.11	0.23	0.95	0.03	2.11	0.15	46.0	3.7
S	72.2	52 - 72	56.05	27727	20400	15621	10200	1960	1280	158.6	57.00	6.95	3.48	176	94.1	56.9	5.5
S2	100.0	90 - 100	49.63	7600	4950	3730	2460	328	275	36.30	15.80	1.89	1.20	23.9	18.4	28.8	7.8

C22

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
S3	122.6	80 - 120	50.50	5546	3400	3036	1500	360	250	17.80	9.00	1.48	0.04	10.9	7.60	15.5	2.0
S4	112.4	50 - 110	51.21	6400	2720	3568	1420	665	150	16.71	2.53	3.79	0.17	31.7	1.42	25	<0.1
S5	115.0	54 - 106	62.50	8300	8300	4040	4040	385	385	35.60	14.30	1.59	0.51	27.7	27.7	8.7	8.7
S6	113.2	55 - 105	55.85	12011	11800	5957	5290	559	415	28.76	24.60	9.01	0.77	53.6	40.8	10.9	10.9
S7	97.0	40 - 84	57.38	19349	11600	9063	5590	792	587	45.40	30.30	1.92	1.35	51.6	47.1	8.7	8.7
S11	76.2	48 - 78	51.28	2730	2440	1380	1050	183	183	0.05	0.02	0.48	0.39	0.03	0.03	64.3	52.4
S12	93.0	53 - 93	56.56	2180	2180	1040	1040	214	214	2.35	1.53	0.43	0.35	2.23	0.52	---	---
SA	123.7	100 - 130	67.24	11880	4390	6052	1780	14183	267	44.52	10.80	2.38	0.43	39.7	14.47	31.7	4.5
SB	125.0	100 - 130	57.43	13760	10800	14154	5240	426	242	59.11	23.10	2.18	0.68	69.7	56.4	43.0	6.8
SC	105.4	55 - 105	57.11	21180	9750	9703	5060	950	464	80.56	27.44	8.55	1.31	99.5	43.8	60.1	10.6
SD	90.1	50 - 110	63.14	22090	8620	14055	4624	681	383	181.3	36.46	9.18	0.83	172	24.3	35.0	17.1
SD4	95.0	45 - 95	61.44	24200	7750	9934	4259	539	284	80.14	24.80	3.88	2.02	83.1	33.3	38.6	18.5
SE	111.8	50 - 90	55.38	21390	2670	10090	1390	500	161	86.92	4.82	6.15	0.06	106	0.89	30.0	<0.1
SE4	105.3	---	53.71	2350	401	1300	102	138	32	0.33	0.33	0.06	0.06	0.17	0.17	---	---
SM	86.0	---	55.21	28690	27614	16839	13841	1492	1492	137.4	79.51	4.67	3.65	173	90.9	39.9	1.8
SN	67.5	---	55.48	26460	23007	12929	10763	1315	1315	132.7	48.46	12.3	3.45	152	83.8	16.5	8.1
SO	92.3	---	55.11	18830	2230	10211	1140	567	94	98.58	1.36	4.72	0.03	161	2.82	48.6	<0.1
SP	94.4	---	55.37	22670	5230	12082	2994	574	325	116.6	11.90	5.86	0.31	174	11.0	62.0	1.0
SQ	95.0	55 - 95	58.18	16640	5930	8940	2630	619	230	42.40	10.70	1.95	0.91	70.3	20.6	40.0	11.6
SR	95.0	50 - 90	58.25	24640	17800	12180	8480	1028	967	93.70	35.40	5.51	2.85	156	67.2	42.0	7.1
SS	101.0	51 - 101	63.87	16630	6140	7763	3000	391	306	42.40	13.00	1.32	0.74	31.2	23.0	26.5	6.0
ST	97.0	55 - 97	59.31	6300	2690	3022	1030	371	204	15.74	3.42	1.40	0.27	17.0	4.68	19.0	4.3
SV	78.2	55 - 105	64.60	21900	9150	9747	4100	993	438	56.00	19.60	5.79	1.04	92.6	35.5	94.0	9.7
SW	81.9	35 - 80	60.70	18774	18774	8991	8991	978	978	45.73	45.73	2.60	2.60	68.2	68.2	5.4	5.4
SZ	62.6	40 - 70	49.63	31830	31230	15068	14526	965	965	157.3	142.5	9.70	3.83	183	169	29.9	18.5
T	70.2	61 - 71	57.60	38846	1920	26240	746	2600	160	138.4	3.83	168	0.83	278	5.85	240	46.9
T1	---	121 - 171	146.13	4530	4530	2609	2609	234	177	11.36	10.69	1.22	1.12	12.5	12.5	37.7	28.1
T2	186.0	100 - 186	135.89	11570	7160	6377	3580	447	377	44.73	14.90	10.7	0.67	48.5	24.2	29.6	10.0
TA	62.4	35 - 65	40.64	35216	1060	17639	362	1956	80	173.0	1.60	118	0.96	233	2.88	98.5	16.3
TB	64.4	35 - 65	33.11	33612	435	15150	99	2731	19	447.0	0.42	213	0.10	313	0.80	130	5.8
W	99.3	58 - 118	46.90	11770	1800	2306	607	709	154	0.09	0.07	2.50	0.04	0.10	<0.03	23.4	0.3
W2	79.1	---	56.21	3240	1870	1807	756	234	184	1.00	0.03	2.04	0.02	0.10	<0.03	21.1	1.1
WN4	142.4	50 - 190	94.96	29654	7310	11723	2930	1969	452	47.76	7.86	0.15	<0.01	114	22.3	7.3	2.6
WR5	72.4	60 - 80	38.69	8230	2040	4537	716	376	203	46.64	0.08	42.0	0.01	53.8	0.04	30.8	1.8
WR6	96.8	55 - 85	3.04	3740	1800	1955	834	156	156	5.17	0.08	2.12	0.08	1.26	0.01	9.0	5.5
WR7	97.3	55 - 85	38.91	3390	1900	1987	634	237	197	3.24	0.14	1.61	<0.01	0.20	0.05	22.9	1.8
WR8	110.2	50 - 100	38.72	1910	1770	1032	746	163	163	0.06	0.06	1.24	0.05	0.02	<0.01	12.5	3.8
WR9	111.3	50 - 100	46.82	2800	1880	1011	714	200	200	0.13	0.08	1.11	0.01	0.10	<0.03	27.1	1.8
WR10	120.6	60 - 110	48.52	3590	1640	2006	751	227	145	0.03	0.03	2.10	0.08	0.12	<0.01	14.5	4.0
WR11	120.5	60 - 110	48.29	7050	1540	3159	619	340	125	10.26	0.39	2.51	0.05	0.10	<0.03	26.7	0.8
WR16	122.3	40 - 120	44.22	2917	2310	1340	1270	174	127	4.76	0.25	0.47	0.27	8.87	0.19	4.5	2.7
WR17	124.4	40 - 120	4.71	3730	1870	2038	939	151	107	7.13	0.09	0.71	0.01	3.81	<0.03	5.3	5.3

023

**TABLE B-1. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE HOMESTAKE ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
WR18	73.7	20 - 70	2.43	2265	1600	1233	879	104	43	0.11	0.01	0.05	<0.01	0.08	<0.03	5.1	5.1
WR19	87.8	25 - 85	3.91	5712	2660	2938	1480	378	200	21.90	3.41	1.53	0.53	0.15	0.11	79.3	79.3
WR20	102.3	42 - 102	8.26	4450	2830	1910	1490	199	192	0.14	0.07	0.61	0.04	0.03	<0.03	68.8	68.8
WR21	88.9	28 - 88	24.00	4510	3890	1910	1910	180	180	0.19	0.12	0.16	0.13	0.03	<0.03	33.1	33.1
WR22	91.5	30 - 90	35.65	3790	3430	1890	1890	104	104	0.17	0.17	0.17	0.13	0.03	<0.03	43.2	43.2
WR23	94.3	32 - 92	3.30	3510	3230	1920	1850	112	112	0.16	0.16	0.10	0.08	0.03	<0.03	15.3	15.3
WR24	89.2	50 - 90	32.00	3610	3140	2000	1800	103	103	0.27	0.20	0.14	0.11	0.03	<0.03	17.3	17.3
X	50.7	----	16.00	7820	188	3786	29	1064	13	20.14	0.02	16.9	0.01	72.9	0.29	68.2	1.1
X11	57.0	17 - 57	0.50	11211	11211	4680	4680	----	----	64.40	64.40	60.0	60.0	71.2	71.2	----	----
X12	57.0	17 - 57	0.50	26034	26034	15460	15460	----	----	52.85	52.85	20.0	20.0	41.9	41.9	----	----
X13	56.0	16 - 56	40.76	3290	3290	1500	1500	254	254	14.05	11.00	0.76	0.56	7.62	2.94	3.7	0.8
X14	56.0	16 - 56	39.80	3650	3650	1660	1660	245	245	11.48	7.70	0.66	0.56	6.23	5.56	<0.1	<0.1
X15	57.0	17 - 57	40.54	4370	4190	1990	1990	267	267	14.50	13.40	0.73	0.58	5.66	1.88	6.8	6.5
X16	47.0	22 - 47	40.65	3520	3520	1650	1610	297	250	16.90	16.90	0.71	0.50	6.79	2.14	15.9	5.4
Y	60.8	54 - 59	6.00	53000	1150	3350	341	700	76	18.66	0.67	1.87	0.12	32.8	2.10	106	2.0
Z	73.9	60 - 70	5.00	5220	1798 *	3234	765 *	461	203 *	22.12	0.29 *	1.70	0.01 *	19.6	0.22 *	46.1	4.0 *
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				143	86	131	70	181	169	163	141	151	100	160	132	83	16
% Exceeding =				78	47	71	38	98	92	89	77	82	54	87	72	45	9
Total Number of Wells =				184													

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [Blue Highlight] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

C24



**TABLE B-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E		
<b>Broadview</b>																	
0410	105	90 - 105	33.36	2682	1781	1920	718	194	194	3.00	0.05	0.52	0.02	1.02	<0.03	3.6	1.9
0411	70	65 - 70	35.10	2810	1680	1740	732	305	163	4.16	3.31	1.20	0.03	0.08	0.02	370	5.2
0412	----	----	----	3000	3000	1520	1494	213	191	0.05	0.04	0.09	0.01	0.07	0.02	12.0	9.0
0413	----	----	35.25	1782	1782	673	673	182	182	0.03	0.03	0.01	0.01	0.03	<0.03	1.7	1.7
0421	88	72 - 102	37.58	1870	1870	711	674	203	198	0.06	0.01	0.17	<0.01	0.03	<0.03	1.9	1.7
0422	80	60 - 80	32.82	2270	1819	1200	684	202	202	0.12	0.02	0.13	<0.01	0.04	<0.03	6.6	1.5
0423	----	----	----	1900	1773	1136	651	248	190	0.05	0.02	0.09	0.01	0.03	<0.03	6.6	1.5
0425	90	50 - 90	32.42	1800	1797	909	669	194	194	0.03	<0.01	0.12	0.01	0.03	<0.03	21.0	1.7
0426	100	80 - 100	30.65	2270	2270	760	760	120	120	0.05	<0.008	0.32	0.15	0.02	0.02	3.6	3.6
0427	121	62 - 120	35.00	1900	1741	849	665	191	191	0.02	0.02	0.17	<0.005	0.04	<0.03	4.1	0.3
0428	110	83 - 104	----	2570	2570	1000	1000	351	351	0.02	0.02	0.05	0.05	0.03	<0.03	30.3	30.3
0429	100	58 - 75	37.21	2130	2083	1060	810	283	283	0.08	0.02	0.28	0.02	0.03	<0.03	9.3	9.3
0430	145	----	----	2940	2940	1109	697	184	163	3.62	0.14	0.25	0.10	0.25	0.07	2.2	2.1
0431	130	125 - 130	35.00	5950	1709	3227	668	312	180	17.05	0.02	2.30	0.01	5.78	<0.03	7.5	1.9
0432	----	----	----	1660	1660	1840	627	284	156	0.34	0.07	2.50	0.02	0.02	0.01	1.2	1.2
0433	90	58 - 84	36.05	2053	2053	1986	839	234	189	1.10	0.03	2.40	0.01	0.03	<0.03	3.5	3.5
0435	85	----	34.75	1860	1860	1530	689	206	206	0.10	0.08	2.50	0.02	0.03	<0.03	2.0	1.6
0438	120	70 - 100	----	1090	1090	665	665	149	149	0.03	0.03	0.02	0.02	0.03	0.03	3.1	3.1
0439	97	77 - 97	39.80	1870	1782	1400	727	184	182	0.23	0.04	1.90	<0.005	0.03	<0.03	3.5	1.3
0440	----	----	----	2030	1720	1010	676	156	121	0.72	0.54	0.38	0.03	0.02	0.02	1.9	1.3
0441	116	106 - 116	35.19	2820	1250	1403	532	188	188	2.37	0.16	0.20	0.01	0.49	<0.03	4.4	<0.1
0442	100	70 - 100	37.15	2010	2010	948	948	156	156	3.00	3.00	0.17	0.17	0.03	0.03	2.7	2.7
0443	----	60 - 80	----	1830	1830	2230	764	262	128	5.17	0.37	3.90	0.03	0.26	0.26	1.9	1.9
0444	80	----	28.84	1801	1801	2170	730	255	189	3.19	0.10	1.50	0.01	0.09	0.09	1.4	1.4
0445	108	75 - 105	----	2760	1740	2224	901	248	156	5.77	2.83	2.20	0.10	0.79	0.14	4.4	1.5
0446	110	60 - 95	41.28	2520	1420	1896	576	248	196	0.24	0.02	0.15	0.01	0.05	<0.03	7.4	2.0
0447	142	120 - 142	41.18	2690	2480	1428	1337	149	149	1.65	1.52	0.33	0.25	0.24	0.24	3.0	3.0
0448	----	----	----	2920	2920	1400	1400	229	229	0.17	0.17	0.05	0.05	----	----	12.7	6.5
0450	----	70 - 105	42.29	3444	1836	2002	690	220	197	0.07	0.07	1.78	0.01	0.05	<0.03	9.8	1.4
0451	----	----	----	1890	1890	642	642	199	199	0.04	0.04	0.02	0.02	<0.03	<0.03	1.6	1.6
0452	100	40 - 100	41.20	1845	1845	671	671	192	192	0.28	0.05	0.04	<0.005	0.04	<0.03	2.4	1.4
0453	110	60 - 110	34.93	2590	1650	1408	609	385	190	0.20	0.02	0.04	0.01	0.11	<0.03	16.4	1.8
SUB1	----	----	34	3230	2020	1777	842	483	180	2.18	0.17	1.07	0.02	0.22	<0.03	19.8	2.3
SUB2	----	----	40.92	4110	1880	2216	676	293	189	1.34	0.12	1.80	0.01	0.14	<0.03	20.0	1.6
SUB3	84	56 - 72	28.80	3800	2560	3220	1330	268	123	8.90	0.03	3.00	0.02	0.13	<0.03	62.0	2.2
SUB4	100	60 - 85	49.11	2020	1680	2077	721	185	163	0.14	<0.01	2.10	0.01	0.20	0.01	13.7	4.3
SUB5	86	55 - 80	----	4546	1700	2680	696	264	163	2.20	2.00	9.17	0.01	6.44	0.76	8.3	1.6
SUB6	82	52 - 82	----	4103	1680	2471	724	290	170	5.70	0.09	5.15	0.01	0.11	0.01	16.8	3.3
SUB7	98	78 - 98	----	4280	4280	1682	667	213	163	0.09	0.06	3.22	0.01	0.10	0.01	30.4	7.1
SUB8	150	60 - 90	----	4870	1620	2679	618	284	163	7.76	<0.008	3.30	0.06	1.78	0.04	7.0	1.0

Proposed Background =  
 Total Number of Wells Exceeding =  
 % Exceeding =  
 Total Number of Wells = 40

	3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
	9	1	14	0	40	40	22	10	23	0	19	6	4	1
	23	3	35	0	100	100	55	25	58	0	48	15	10	3

**Felice Acres**

C25

**TABLE B-2. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE BROADVIEW AND FELICE ACRES ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0481	320	270 - 310	-----	1990	1450 *	1110	750 *	99	64 *	0.98	0.42 *	0.32	0.08 *	0.16	0.10 *	2.0	1.8 *
0482	260	220 - 260	35.85	2690	1906	1300	716	240	197	6.53	0.25	0.80	0.02	2.35	<0.03	4.2	1.8
0483	280	-----	36.93	3800	1891	2100	711	277	198	12.30	0.22	1.60	0.04	4.93	0.08	5.3	1.1
0490	63	20 - 80	37.23	2740	1880	1316	715	217	207	4.62	0.25	3.65	0.03	2.12	0.12	13.6	1.8
0491	63	30 - 63	39.32	3270	3270	1414	1200	412	191	4.03	0.66	0.46	0.1	2.03	0.06	6.9	1.6
0492	60	40 - 60	34.7	2320	1920	1179	785	284	182	0.67	0.24	0.12	0.04	0.15	<0.03	15.0	2.0
0495	-----	-----	-----	1843	1843	736	736	202	202	0.06	0.06	0.01	<0.005	0.03	<0.03	0.6	0.6
0496	94.43	53 - 93	75.32	1940	1880	841	630	184	184	0.95	0.52	0.17	0.08	0.06	<0.03	2.1	1.6
0497	94	64 - 94	55.71	2050	2050	779	680	190	188	1.49	0.86	0.07	0.06	0.03	<0.03	1.6	1.6
CW44	208	-----	157.65	2060	1970	909	822	208	186	1.41	0.85	0.10	0.08	0.03	<0.03	2.5	2.5
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				2	1	1	0	10	9	9	9	5	0	7	4	0	0
% Exceeding =				20	10	10	0	100	90	90	90	50	0	70	40	0	0
Total Number of Wells = 10																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [Blue Highlight] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

C26

**TABLE B-3. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MURRAY ACRES AND PLEASANT VALLEY ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
<b>Murray Acres</b>																	
0801	100	80 - 100	36.85	2400	1339	2010	458	191	147	0.07	0.02	6.00	<0.005	0.03	<0.03	10.2	0.3
0802	98	75 - 81	40.2	1961	1880	1049	673	207	168	1509	1.03	0.37	0.04	0.10	<0.03	28.5	1.8
0803	290	85 - 180	84.86	2040	2040	1010	895	154	154	0.08	0.08	0.26	0.01	0.10	<0.03	1.1	1.1
0804	137	125 - 136	46.6	2740	1920	1528	797	207	165	0.14	0.06	0.19	0.06	0.05	<0.03	8.2	2.6
0805	140	100 - 140	59.34	2580	2092	1618	1125	206	135	0.41	0.07	0.07	0.03	0.05	<0.03	9.4	1.8
0810	105	75 - 101	-----	2800	2724	1484	1359	221	221	0.12	0.05	0.62	0.07	0.06	<0.03	5.9	5.1
0811	140	100 - 140	-----	28600	2260	1457	1180	480	156	0.09	0.03	0.17	0.02	0.05	0.020	15.4	6.2
0815	255	-----	29.14	3280	1450	2140	711	326	93	0.12	0.00	0.13	0.00	0.10	<0.03	27.1	4.0
0844	75	35 - 75	34.26	4200	2360	2304	869	255	178	0.85	0.07	0.09	0.02	0.06	<0.03	21.0	7.0
0845	65	45 - 65	34.5	3570	1930	1751	620	452	190	0.16	0.07	0.04	0.02	0.11	<0.03	22.0	2.3
AW	156	-----	15	4440	1710	2991	942	312	177	7.89	0.62	1.90	0.03	27.0	0.24	42.6	5.7
HW	115	60 - 94	40	2280	2274	2708	1002	234	204	0.08	0.07	0.29	0.04	0.12	<0.03	10.3	3.1
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				5	0	5	0	12	12	5	2	5	0	8	2	3	0
% Exceeding =				42	0	42	0	100	100	42	17	42	0	67	17	25	0
Total Number of Wells = 12																	

<b>Pleasant Valley</b>																	
0688	105	65 - 105	61.61	1930	1840	1290	719	189	163	0.07	0.05	0.03	0.02	0.03	<0.03	2.8	1.3
0831	-----	-----	54.95	4620	2938	1901	1443	252	252	0.10	0.10	0.15	0.07	0.15	<0.03	8.0	4.2
0833	110	60 - 90	46.61	2760	2760	1242	1242	257	257	0.09	0.09	0.04	0.02	0.03	<0.03	7.7	3.1
0834	100	60 - 80	-----	2557	2557	1228	1228	204	204	0.05	0.05	0.07	0.07	0.03	<0.03	7.1	0.9
0835	98	73 - 94	49.74	3374	3040	1816	1500	261	261	0.17	0.08	0.06	0.05	0.03	<0.03	23.4	3.6
0836	90	65 - 80	-----	1340	1340	775	775	-----	-----	0.04	0.01	0.26	0.04	0.02	0.02	4.6	4.6
0838	100	-----	49.03	2566	2566	1208	1208	208	208	0.06	0.06	0.06	0.06	0.03	<0.03	4.8	4.8
0839	100	80 - 96	50.00	2390	1688	1483	770	154	154	0.03	0.03	0.11	0.03	0.03	<0.03	8.8	2.3
0840	98	73 - 94	47.32	2790	781	1602	288	199	27	0.09	0.01	0.08	0.01	0.05	<0.03	24.0	3.9
0841	100	-----	54.66	2300	2025	1370	967	152	152	0.04	0.04	0.09	0.06	0.03	<0.03	6.8	3.2
0843	120	100 - 110	52.40	2100	1868	1274	695	197	197	0.09	0.06	0.07	0.01	0.06	<0.03	20.6	1.3
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				2	0	1	0	10	9	1	0	0	0	2	0	2	0
% Exceeding =				18	0	9	0	91	82	9	0	0	0	18	0	18	0
Total Number of Wells = 11																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [Blue Highlight] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>					
				H	E	H	E	H	E	H	E	H	E	H	E	H	E				
0520	75	35 - 75	56.7	2070	1970	850	850	206	206	0.02	0.01	0.23	0.03	5.84	3.85	1.7	1.7				
0521	75	35 - 75	52.5	2120	2120	913	913	232	232	2.77	2.12	0.16	0.16	3.17	3.17	1.9	1.9				
0531	----	----	79.24	1840	1840	804	670	124	124	0.17	0.12	0.05	0.03	0.03	<0.03	3.3	2.0				
0532	----	----	----	661	490	240	171	57.2	24	0.01	0.01	0.02	0.01	0.03	<0.03	16.0	3.1				
0533	----	----	----	470	470	*	170	170	*	17	17	*	0.01	<0.01	*	0.01	<0.01	*	16.4	16.4	*
0631	118	58 - 118	103.72	1650	1560	820	819	93.5	93	0.03	0.02	0.28	0.21	0.03	<0.03	2.2	2.0				
0632	110	70 - 110	103.86	1710	1580	874	688	114	113	0.03	0.02	0.33	0.28	0.03	<0.03	2.5	2.5				
0633	83	11 - 83	74.83	1970	1970	756	756	184	184	0.19	0.19	0.05	0.05	0.03	<0.03	3.5	3.5				
0634	103	80 - 100	72.39	2090	2040	914	812	189	189	0.31	0.22	0.06	0.06	0.03	<0.03	3.9	3.2				
0636	127	103 - 123	98.40	1530	1460	506	446	225	225	0.08	0.08	0.01	0.01	0.03	<0.03	14.8	14.8				
0637	128.7	104 - 124	102.40	1690	1690	505	505	200	200	0.12	0.12	0.02	0.02	0.03	<0.03	11.3	4.4				
0638	75	35 - 75	59.21	2260	2260	994	994	263	263	0.03	0.02	0.17	0.03	0.04	0.04	<0.1	<0.1				
0639	80	35 - 80	55.42	2150	2150	957	957	223	223	2.26	2.17	0.29	0.29	5.12	4.93	2.4	2.4				
0640	84	64 - 84	52.51	1910	1860	785	630	220	207	0.07	0.04	0.01	0.01	0.03	<0.03	1.2	1.1				
0641	95	65 - 95	50.99	1910	1890	801	580	221	212	0.16	0.10	0.02	0.01	0.03	<0.03	1.5	1.5				
0642	95	65 - 95	51.63	1870	1850	807	580	216	183	0.70	0.49	0.03	0.02	0.10	<0.03	1.2	1.2				
0643	108	58 - 108	71.70	2010	1930	847	706	194	194	1.14	0.97	0.16	0.10	0.03	<0.03	2.2	2.2				
0644	110	55 - 110	71.53	1900	1900	990	843	135	135	0.03	0.02	0.46	0.31	0.03	<0.03	3.6	3.4				
0645	80	60 - 80	66.48	1380	1370	714	698	67	67	0.04	0.02	0.12	0.12	0.03	<0.03	1.5	1.5				
0646	100	60 - 100	73.40	1760	1740	914	760	109	108	0.05	0.02	0.36	0.35	0.03	<0.03	2.8	2.7				
0647	140	80 - 140	110.39	1820	1470	820	612	175	116	0.18	0.06	0.08	0.05	0.06	<0.03	5.3	4.0				
0648	120	80 - 120	109.17	1390	1210	649	587	104	62	0.11	0.03	0.05	0.04	0.03	<0.03	3.9	3.4				
0649	124	84 - 124	108.87	1400	1120	632	470	67.8	50	0.08	0.05	0.05	0.03	0.03	<0.03	2.9	2.4				
0650	109	89 - 109	71.10	1457	1450	717	697	57.5	51	0.04	0.03	0.04	0.04	0.03	<0.03	4.7	4.7				
0652	88	60 - 88	81.03	1310	1200	674	496	175	66	0.03	0.02	0.10	0.03	0.09	<0.03	1.9	1.6				
0653	206	69 - 206	171.00	2010	1910	914	864	180	172	1.12	0.97	0.22	0.15	0.03	<0.03	2.6	2.6				
0654	120	60 - 120	74.69	2130	2100	871	837	187	179	0.37	0.28	0.08	0.08	0.03	<0.03	4.4	3.6				
0655	96	21 - 84	75.15	2020	2020	781	781	188	188	0.30	0.26	0.06	0.06	0.03	<0.03	3.4	3.4				
0657	128	87 - 128	99.60	1590	1550	701	701	91.3	91	0.07	0.06	0.06	0.05	0.03	<0.03	1.8	3.4				
0658	130	89 - 130	100.50	1340	1310	650	543	69.5	70	0.01	0.01	0.04	0.05	0.03	<0.03	3.9	2.6				
0659	101	61 - 101	71.34	2070	2010	893	806	198	198	0.30	0.20	0.06	0.05	0.03	<0.03	3.5	3.2				
0680	80	50 - 80	77.39	1862	926	703	451	207	38	0.11	0.03	0.02	0.02	0.11	<0.03	3.5	2.2				
0681	117	67 - 117	64.18	1930	1930	980	980	93.3	93	0.02	0.02	0.05	0.03	0.03	<0.03	2.7	2.7				
0682	94	54 - 94	80.80	2150	2090	990	990	232	151	0.25	0.18	0.20	0.20	0.03	<0.03	16.2	11.5				
0683	120	80 - 120	86.41	556	467	172	119	19.8	9	0.01	0.00	0.01	<0.01	0.03	<0.03	1.9	1.3				
0684	143	83 - 143	83.78	1430	1430	565	550	59.4	59	0.02	0.02	0.04	0.04	0.03	<0.03	3.0	2.4				
0685	100	60 - 100	91.03	1770	1760	861	680	135	114	0.18	0.12	0.06	0.05	0.03	<0.03	4.3	3.1				
0686	115	75 - 115	105.96	1641	1590	740	485	243	217	0.16	0.08	0.02	0.02	0.03	<0.03	20.9	18.8				
0687	102	62 - 102	90.20	1850	1850	802	720	198	176	0.22	0.17	0.08	0.07	0.03	<0.03	11.5	8.4				
0692	90	58 - 90	65.87	1550	1550	706	550	176	157	0.05	0.04	0.03	0.02	0.10	<0.03	1.9	1.4				
0846	75	40 - 65	43.90	3480	3080	1957	1500	177	95	1.21	0.06	0.08	0.07	0.05	<0.03	29.0	14.5				
0847	92	52 - 92	53.88	1988	1930	796	773	186	182	1.93	1.66	0.10	0.09	0.03	<0.03	1.9	1.6				
0848	92	52 - 92	59.34	1752	1620	915	580	185	165	0.12	0.05	0.29	0.09	0.03	<0.03	2.9	2.0				
0851	91	41 - 91	73.84	1930	1930	910	910	35.3	35	0.10	0.06	0.17	0.17	0.03	<0.03	1.8	1.8				
0852	74	54 - 74	73.26	1220	1220	555	555	114	112	0.02	0.02	0.02	0.02	0.06	0.060	0.2	0.2				
0855	105	70 - 105	80.53	1770	1770	799	700	96.2	91	0.03	0.03	0.33	0.29	0.03	<0.03	3.2	2.5				
0861	100	50 - 100	70.24	2143	1730	1023	770	167	115	1.10	0.08	0.34	0.34	0.03	<0.03	2.9	2.8				
0862	110	63 - 103	77.68	1980	1980	1230	660	182	178	0.57	0.48	0.12	0.06	0.03	<0.03	3.4	2.9				
0863	110	63 - 103	90.00	1998	1980	922	670	185	185	1.81	1.20	0.16	0.11	0.03	<0.03	2.5	2.0				

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**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E		
0864	95	44 - 84	69.68	2034	1880	974	760	183	170	1.81	0.65	0.35	0.12	0.03	<0.03	3.6	2.6
0865	97	37 - 97	67.84	2297	1970	1160	760	174	170	0.46	0.17	0.61	0.25	0.03	<0.03	5.3	4.3
0866	120	33 - 113	63.67	2046	1940	887	670	192	177	2.34	1.40	0.17	0.13	0.03	<0.03	2.3	1.5
0867	88	48 - 88	68.00	1888	1410	922	480	169	157	0.04	0.02	0.46	0.18	0.03	<0.03	5.4	4.9
0868	103	53 - 103	60.78	2220	1740	1001	610	199	199	0.39	0.07	0.18	0.05	0.03	<0.03	1.9	1.5
0869	94	44 - 94	88.51	2086	1650	1055	690	181	161	0.41	0.03	0.42	0.21	0.03	<0.03	3.1	2.5
0871	100	60 - 100	66.86	1400	1400	743	743	86	86	0.17	0.17	0.17	0.17	0.03	<0.03	2.6	2.6
0876	95	58 - 88	69.24	2145	2050	1080	820	173	159	0.63	0.52	0.58	0.31	0.03	<0.03	4.4	2.9
0877	70	58 - 68	63.58	1335	1190	528	265	207	207	0.07	0.07	0.19	0.02	0.03	<0.03	1.9	1.9
0879	70	48 - 68	64.68	1461	1430	739	739	201	87	0.05	0.02	0.22	0.21	0.03	<0.03	1.4	1.3
0881	96	76 - 96	74.60	2110	2050	951	819	189	177	0.43	0.24	0.09	0.06	0.03	<0.03	4.2	3.4
0882	110	70 - 110	66.55	1770	1770	864	864	51	47	0.02	0.01	0.01	<0.01	0.03	<0.03	0.8	<0.1
0883	100	60 - 90	59.85	2510	2020	1357	878	184	173	0.05	0.02	0.12	0.07	0.03	<0.03	5.8	5.8
0884	90	58 - 88	75.16	2720	2560	1370	1200	166	153	0.61	0.55	0.35	0.17	0.03	<0.03	17.7	12.9
0885	100	70 - 100	67.00	2100	1820	1100	720	188	170	0.10	0.07	0.07	0.03	0.09	<0.03	3.3	1.4
0886	90	60 - 90	70.52	2440	2440	1185	1050	203	180	0.69	0.48	0.15	0.15	0.09	<0.03	8.3	8.3
0888	105	75 - 105	78.26	2400	2390	1227	957	182	166	0.66	0.54	0.18	0.11	0.03	<0.03	8.7	8.7
0889	65	35 - 65	63.31	1456	578	619	240	164	25	0.07	0.07	0.01	0.01	0.04	<0.03	0.5	0.5
0890	101	81 - 101	74.76	2010	1970	876	798	187	185	0.27	0.27	0.08	0.05	0.03	<0.03	3.4	2.7
0893	98	78 - 98	70.68	18500	1850	899	728	163	163	0.12	0.08	0.08	0.02	0.03	<0.03	2.5	1.4
0894	78	58 - 78	78.00	2100	2100	956	797	182	177	0.36	0.30	0.08	0.08	0.03	<0.03	4.3	4.2
0895	104	61 - 101	82.00	1890	1850	1010	768	142	131	0.09	0.09	0.08	0.07	0.03	<0.03	10.0	10.0
0896	113	73 - 113	83.11	1960	1950	1030	853	207	194	0.03	0.03	0.11	0.09	0.03	<0.03	20.2	8.3
0897	93	63 - 93	83.28	1530	1040	576	432	148	101	0.07	0.06	0.01	0.01	0.03	<0.03	0.2	0.2
0899	110	70 - 110	97.32	1840	1090	817	402	227	187	0.19	0.03	0.12	0.06	0.03	<0.03	15.4	10.5
0905	120	100 - 120	---	1160	1050	584	446	57	51	0.06	0.06	0.08	<0.01	0.03	<0.03	21.5	4.1
0909	140	80 - 135	77.45	1660	1240	856	633	105	105	0.03	0.02	0.32	0.07	0.05	<0.03	2.6	2.6
0910	138	120 - 134	---	1040	951	547	320	71	37	0.03	0.01	0.06	0.02	0.06	<0.03	18.0	4.1
0912	---	---	---	640	640	290	290	21	21	0.01	<0.01	0.01	<0.01	0.03	0.030	4.2	4.2
0913	---	---	38.40	420	420	314	314	110	110	0.01	<0.01	0.01	<0.01	0.03	0.030	0.4	0.4
0915	100	55 - 85	---	350	350	114	114	28	28	0.01	<0.01	0.01	<0.01	0.04	0.040	4.8	4.8
0917	---	---	---	700	605	394	173	78	47	0.03	0.02	0.03	0.01	0.07	<0.03	7.2	6.8
0926	134	123 - 132	---	2390	2390	850	850	390	390	0.05	0.05	0.01	<0.01	0.05	<0.05	133	133.0
0935	300	95 - 132	88.66	2030	2030	843	780	201	143	0.34	0.28	0.10	0.09	0.17	0.170	34.5	7.6
0936	160	100 - 160	---	1100	849	419	367	74.7	75	0.01	<0.01	0.02	0.02	0.05	<0.03	36.7	6.3
0939	97	---	59.31	1550	1234	700	584	55.3	55	0.03	0.03	0.06	0.05	0.05	0.030	17.3	1.0
0940	70	---	57.30	1364	1203	651	504	47.2	40	0.04	0.04	0.03	0.02	0.03	<0.03	3.9	1.9
0942	102	85 - 95	---	2280	1570	1220	590	100	61	0.07	0.05	0.06	0.02	0.07	<0.03	30.6	2.6
0947	100	70 - 100	54.63	1890	1820	697	590	219	219	0.11	0.08	0.13	0.01	0.04	<0.03	1.8	1.6
0952	140	---	---	1470	1470	334	334	14	14	0.01	<0.01	0.01	<0.01	0.05	0.050	3.9	3.9
0975	---	---	---	1275	1275	628	628	59	59	0.01	0.01	0.01	0.01	0.03	<0.03	0.3	0.3
0976	115	---	---	1251	1251	578	578	61.1	61	0.03	0.03	0.06	0.06	0.03	<0.03	5.4	1.3
0977	---	---	61.47	1427	1427	743	631	60.1	60	0.02	0.02	0.02	0.01	0.03	<0.03	3.3	0.2
0979	105	90 - 100	---	1738	1738	769	769	137	137	0.04	0.04	0.02	0.02	0.03	<0.03	5.0	5.0
0980	---	---	57.70	1424	1424	604	604	94	94	0.03	0.03	0.02	0.02	0.03	<0.03	4.7	4.7
0985	115	90 - 110	58.75	1550	1091	774	400	71	49	0.03	0.03	0.03	0.02	0.03	<0.03	6.0	2.3
0989	---	---	58.10	1153	1153	483	483	38	38	0.03	0.03	0.02	0.02	0.03	<0.03	4.8	4.8
0992	100	85 - 95	---	1650	1650	748	748	101	101	0.04	0.04	0.03	0.03	0.03	<0.03	3.6	3.1
0994	144	95 - 110	89.10	488	488	151	140	11.2	11	0.01	0.01	0.01	0.01	0.03	<0.03	2.5	1.9

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**TABLE B-4. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE REGIONAL ALLUVIAL WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0996	138	126 - 136	90.25	1710	1560	906	610	159	103	0.17	0.07	0.08	0.08	0.03	<0.03	5.7	5.2
0997	-----	-----	76.90	473	437	144	144	7.39	5	0.01	<0.01	0.01	<0.01	0.03	<0.03	0.6	0.4
0999	-----	-----	-----	871	683	340	273	47	34	0.20	0.01	0.01	0.01	0.04	<0.03	13.3	3.5
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				2	1	1	0	76	69	39	27	15	7	15	5	5	1
% Exceeding =				2	1	1	0	75	68	39	27	15	7	15	5	5	1
Total Number of Wells = 101																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

**TABLE B-5. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE HOMESTAKE WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0931	366.7	----	94.48	2160	1410	779	574	540	145	0.14	0.00	0.03	0.01	0.42	<0.03	5.0	<0.1
0934	293.0	330 - 400	163.72	1910	1830	821	629	241	77	0.06	0.05	0.06	0.03	0.12	<0.03	4.2	<0.1
CE1	137.0	98 - 138	50.96	2350	1990	1160	925	140	103	2.06	1.69	0.28	0.12	1.13	0.57	0.5	0.1
CE2	119.7	78 - 118	63.90	2210	2000	1010	735	203	172	23.6	0.92	4.63	0.08	25.2	0.33	5.4	5.4
CE5	140.0	100 - 140	40.71	1990	313	851	112	214	214	2.00	0.02	0.13	<0.01	1.13	0.01	1.9	1.9
CW3	235.0	210 - 235	165.98	1970	1970	998	906	85	57	1.35	1.34	0.07	0.07	1.26	1.26	7.9	<0.1
CW4R	138.9	102 - 142	41.31	2635	1870	861	737	171	157	1.06	0.45	0.17	0.09	0.28	0.11	6.6	1.2
CW5	170.0	135 - 170	1.00	5040	1885	2740	695	404	183	10.47	0.20	1.38	0.04	3.28	<0.03	7.2	1.7
CW9	180.0	130 - 180	66.00	1330	1230	923	576	73.3	49	0.06	0.01	0.07	<0.01	0.11	0.04	3.0	0.1
CW13	267.7	225 - 265	1.00	2050	1820	973	973	94.9	85	0.10	0.10	0.24	0.19	0.03	<0.03	1.3	0.5
CW25	105.0	62 - 102	2.30	2835	1880	1502	679	202	202	0.25	0.19	0.18	0.03	0.20	0.14	17.5	1.8
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				1	0	1	0	11	9	7	6	3	0	10	5	1	0
% Exceeding =				9	0	9	0	100	82	64	55	27	0	91	45	9	0
Total Number of Wells = 11																	

NOTE: H = Highest Concentration Observed in Well  
E = Existing (latest) Concentration Observed in Well  
  = Exceeds Proposed Background  
% = Percentage of Wells that Exceed Proposed Background  
\* = Latest Value is Pre-1994





**TABLE B-7. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE MURRAY ACRES WELL  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
AW	156.0	66 - 155	15.00	4440	1710 *	2991	942 *	312	177 *	7.89	0.62 *	1.90	0.03 *	27.00	0.24 *	42.6	5.7 *
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				1	0	1	0	1	1	1	1	1	0	1	1	1	0
% Exceeding =				100	0	100	0	100	100	100	100	0	100	100	100	0	
Total Number of Wells = 1																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
       = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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**TABLE B-8. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE UPPER CHINLE REGIONAL WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0929	320.0	290 - 320	174.36	1810	1700	811	671	234	77	0.35	0.02	0.04	0.01	0.18	<0.03	4.2	0.1
0933	-----	-----	52.78	2345	1780	709	504	645	437	0.02	0.02	0.02	0.01	0.03	<0.03	5.8	0.8
0944	300.0	220 - 280	148.45	2800	1920	1495	780	272	147	0.07	0.01	1.00	0.03	5.28	0.04	17.0	1.1
0945	300.0	-----	92.41	2270	2040	768	622	680	342	0.09	0.03	0.02	0.01	0.08	0.05	2.3	<0.1
0946	260.0	230 - 260	37.45	1980	1980	1052	647	161	161	0.04	0.03	0.44	0.05	0.05	<0.03	6.2	1.7
CW18	230.7	177 - 237	53.27	2010	1910	744	565	214	188	0.15	0.05	0.13	0.03	0.05	<0.03	1.4	1.4
CW40	264.0	224 - 264	54.21	1990	1870	978	570	206	172	0.05	0.03	0.40	0.02	0.06	<0.03	1.9	1.7
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				0	0	0	0	7	7	1	0	3	0	4	0	0	0
% Exceeding =				0	0	0	0	100	100	14	0	43	0	57	0	0	0
Total Number of Wells = 7																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [Blue Highlight] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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**TABLE B-9. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE HOMESTAKE WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0930	410.0	330 - 400	113.43	1960	1570	647	639	195	195	0.03	0.01	0.02	<0.01	0.31	<0.03	0.6	<0.1
CW1	325.0	212 - 323	163.73	1780	1240	1039	552	36.3	36	0.11	0.03	0.09	0.01	0.04	<0.03	1.9	0.1
CW2	355.0	306 - 353	89.03	2280	1040	1430	411	76	40	0.14	0.07	0.09	0.01	0.15	0.06	6.3	0.1
CW6	282.0	246 - 276	117.21	3250	1573	1486	827	142	99	2.06	0.03	0.75	0.01	1.90	<0.03	10.0	<0.1
CW14	360.9	278 - 358	12.48	1636	1306	754	601	63	63	0.02	0.01	0.22	0.10	0.03	<0.03	5.0	2.4
CW17	108.0	83 - 103	60.80	3250	3020	1890	1680	88	77	0.18	0.13	0.12	0.07	0.09	<0.03	16.8	14.9
CW24	121.0	78 - 118	57.79	3120	3080	1750	1410	95.7	90	0.15	0.13	0.08	0.08	0.04	<0.03	12.3	8.4
CW35	120.0	93 - 118	59.39	6900	2360	1260	1220	70	57	0.23	0.18	0.52	0.07	0.03	<0.03	8.4	3.4
WR25	113.3	71 - 111	61.10	3040	2940	1710	1330	186	114	0.17	0.07	0.24	0.16	0.13	<0.03	21.8	21.8
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				4	1	1	0	6	5	4	1	2	0	5	1	0	0
% Exceeding =				44	11	11	0	67	56	44	11	22	0	56	11	0	0
Total Number of Wells = 9																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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**TABLE B-10. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE BROADVIEW AND FELICE ACRES WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
<b>Broadview</b>																	
0434	280	----	----	1930	1660	859	682	199	178	0.46	0.23	0.24	0.04	0.15	<0.03	6.5	1.8
0436	295	280 - 295	71.82	1942	1840	984	950	119	119	1.68	0.04	0.26	0.02	0.05	<0.03	8.3	<0.1
0437	340	240 - 300	63.23	2170	1920	1327	696	152	152	0.19	0.03	0.36	0.01	0.05	<0.03	4.0	1.0
0449	267	----	63.42	2026	2026	1072	1072	116	116	0.12	0.08	0.19	0.19	0.03	<0.03	11.5	11.5
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				0	0	0	0	4	4	3	1	1	0	1	0	0	0
% Exceeding =				0	0	0	0	100	100	75	25	25	0	25	0	0	0
Total Number of Wells = 4																	
<b>Felice Acres</b>																	
0481	320	270 - 310	----	1990	1450 *	1110	750 *	99	64 *	0.98	0.42 *	0.32	0.08 *	0.16	0.1 *	2.0	1.8 *
0482	260	220 - 260	35.85	2690	1906	1300	716	240	197	6.53	0.25	0.80	0.02	2.35	<0.03	4.2	1.8
0483	280	----	36.93	3800	1891	2100	711	277	198	12.3	0.22	1.60	0.04	4.93	0.08	5.3	1.1
0484	320	220 - 300	39.43	2040	1830	1194	811	159	101	0.87	0.32	0.51	0.17	0.06	<0.03	24.3	1.1
0485	260	220 - 260	70.90	1220	1089	612	380	158	158	0.01	0.00	0.03	<0.01	0.04	0.04	2.2	<0.1
0486	179.2	200 - 260	70.36	2068	2030	1060	929	159	159	1.03	0.84	0.37	0.32	0.03	<0.03	2.9	2.4
0487	260	----	49.20	3100	1992	1732	879	234	189	0.24	0.24	0.31	0.02	0.08	<0.03	161	2.6
0488	----	----	78.10	1958	1950	944	921	148	148	0.41	0.41	0.39	0.39	0.03	<0.03	3.2	3.2
0489	----	----	----	----	----	----	----	----	----	----	----	0.07	0.05 *	----	----	1.5	1.5 *
0493	----	270 - 300	110.36	1510	1350	765	668	170	88	0.31	0.05	0.26	0.17	0.10	<0.03	7.9	1.7
CW44	208	69 - 208	157.65	2060	1970	909	822	208	186	1.41	0.85	0.11	0.08	0.03	<0.03	2.5	2.5
CW45	193	163 - 193	55.56	2130	1730	984	650	180	175	2.05	1.71	0.27	0.12	0.03	<0.03	2.0	2.0
CW46	187	125 - 185	67.18	2111	1750	1063	720	180	177	1.76	0.04	0.41	0.24	0.03	<0.03	3.2	2.9
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				2	0	1	0	12	11	11	9	8	2	6	2	2	0
% Exceeding =				15	0	8	0	92	85	85	69	62	15	46	15	15	0
Total Number of Wells = 13																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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**TABLE B-11. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE MURRAY ACRES WELLS  
WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0807	287	275 - 285	----	1540	1362	831	731	302	48	0.05	0.01	0.08	<0.01	0.16	<0.03	1.0	<0.1
0808	290	260 - 290	----	1700	1700	933.6	787	88.7	55	0.07	0.02	0.15	0.05	0.03	<0.03	2.3	0.9
0812	300	264 - 284	----	1500	1240	790	658	50	35	0.34	<0.01	0.24	0.08	0.12	0.03	4.4	2.8
0813	280	235 - 255	----	1530	1325	843	781	57	55	0.09	0.01	0.07	0.05	0.04	<0.01	3.9	3.2
0814	----	----	----	1420	1410	819	718	57	43	0.08	0.02	0.12	0.03	0.14	0.02	6.0	6
0816	255	240 - 250	----	1550	1550	847	819	70	70	0.06	0.01	0.02	<0.01	0.03	<0.03	4.5	<0.1
0817	----	----	70.34	1616	1616	986	786	70.5	66	0.12	0.02	0.01	<0.01	0.03	<0.03	0.2	0.2
0818	243	223 - 243	----	3444	1720	2150	948	276	74	0.09	0.01	0.03	0.01	0.05	0.05	57.6	0.3
0819	222	210 - 220	----	1560	1560	877	877	43	43	0.03	0.01	0.05	0.01	0.03	0.03	3.9	3.9
0820	230	125 - 230	99.20	3090	3090	1800	1530	202	126	0.07	0.06	0.10	0.05	0.04	<0.03	26.2	5.3
0821	260	----	35.88	1590	1551	901	901	56.1	56	0.07	0.01	0.08	0.01	0.04	<0.03	1.9	0.7
ACW	325	265 - 325	77.85	1570	1172	929	640	99	33	0.07	0.02	0.05	0.01	0.11	<0.03	15.4	0.3
HCW	295	264 - 295	75.61	1910	1320	960	614	80.2	80	0.07	0.05	0.04	<0.01	0.05	<0.03	15.0	<0.1
WCW	307	257 - 307	114.70	1820	1560	896	743	85	82	0.11	0.02	0.02	<0.01	0.06	<0.03	14.0	<0.1

Proposed Background =	3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =	2	1	1	0	7	4	1	0	0	0	5	0	2	0
% Exceeding =	14	7	7	0	50	29	7	0	0	0	36	0	14	0
Total Number of Wells = 14														

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [Blue Highlight] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

037

**TABLE B-12. MAXIMUM AND EXISTING CONCENTRATIONS FOR THE MIDDLE CHINLE REGIONAL WELLS WITH CONCENTRATIONS GREATER THAN PROPOSED BACKGROUND HIGHLIGHTED.**

Well Name	Well Depth (ft-mp)	Casing Perf. (ft-lsd)	Water-Level Depth (ft-mp)	TDS		SO <sub>4</sub>		Cl		U		Se		Mo		NO <sub>3</sub>	
				H	E	H	E	H	E	H	E	H	E	H	E	H	E
0850	54.0	29 - 54	55.82	2044	2044	939	939	206	206	0.04	0.04	0.02	0.02	0.05	0.05	5.0	5.0
0859	83.0	50 - 83	75.41	2150	2010	1017	856	175	175	0.20	0.17	0.14	0.12	0.03	<0.03	4.5	2.9
0902	150.0	78 - 102	52.10	4040	2258	1470	1120	192	188	0.19	0.19	0.79	0.46	0.04	<0.03	41.1	2.9
0932	501.0	450 - 490	86.73	2300	1444	656	443	638	381	0.01	<0.01	0.01	<0.01	0.04	<0.03	7.0	1.0
0960	305.0	285 - 305	67.46	1871	1690	973	809	155	155	0.03	0.02	0.60	0.30	0.03	<0.03	2.9	2.8
0961	240.0	200 - 240	67.40	1750	1680	917	854	137	134	0.02	0.02	0.47	0.30	0.03	<0.03	3.3	3.0
0962	238.0	220 - 238	-----	1330	1330	603	603	83.3	77	0.03	0.03	0.20	0.20	0.03	<0.03	1.7	1.6
CW15	134.6	73 - 133	75.00	1800	1690	982	838	58.2	31	0.05	0.02	0.04	0.04	0.03	<0.01	4.7	1.1
CW16	-----	112 - 152	68.02	2041	2030	900	840	171	171	1.81	1.81	0.28	0.21	0.03	<0.03	2.2	1.9
CW27	110.0	-----	72.70	2168	1600	1205	701	148	147	0.03	0.02	0.53	0.29	0.07	<0.03	7.1	3.0
CW28	370.0	280 - 360	85.75	1410	1370	482	390	97	95	0.08	0.05	0.08	0.02	0.03	<0.03	1.7	1.7
CW30	251.5	219 - 249	101.26	2200	2200	996	996	151	136	0.57	0.14	0.31	0.17	0.06	<0.03	3.8	3.4
Proposed Background =				3060	3060	1870	1870	71	71	0.15	0.15	0.27	0.27	0.05	0.05	23.0	23.0
Total Number of Wells Exceeding =				1	0	0	0	11	11	4	3	6	4	2	0	1	0
% Exceeding =				8	0	0	0	92	92	33	25	50	33	17	0	8	0
Total Number of Wells = 12																	

NOTE: H = Highest Concentration Observed in Well  
 E = Existing (latest) Concentration Observed in Well  
 [shaded] = Exceeds Proposed Background  
 % = Percentage of Wells that Exceed Proposed Background  
 \* = Latest Value is Pre-1994

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