

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/15/09	0:25:09	215700	28.799	10.428	124.696	5190.604	124.696	5190.604
8/15/09	0:30:09	216000	28.805	10.425	124.681	5190.619	124.681	5190.619
8/15/09	0:35:09	216300	28.803	10.426	124.687	5190.613	124.687	5190.613
8/15/09	0:40:09	216600	28.805	10.428	124.683	5190.617	124.683	5190.617
8/15/09	0:45:09	216900	28.799	10.430	124.696	5190.604	124.696	5190.604
8/15/09	0:50:09	217200	28.798	10.430	124.698	5190.602	124.698	5190.602
8/15/09	0:55:09	217500	28.798	10.432	124.699	5190.601	124.699	5190.601
8/15/09	1:00:09	217800	28.799	10.434	124.697	5190.603	124.697	5190.603
8/15/09	1:05:09	218100	28.805	10.435	124.681	5190.619	124.681	5190.619
8/15/09	1:10:09	218400	28.805	10.433	124.683	5190.617	124.683	5190.617
8/15/09	1:15:09	218700	28.798	10.430	124.699	5190.601	124.699	5190.601
8/15/09	1:20:09	219000	28.805	10.430	124.683	5190.617	124.683	5190.617
8/15/09	1:25:09	219300	28.805	10.428	124.683	5190.617	124.683	5190.617
8/15/09	1:30:09	219600	28.804	10.429	124.685	5190.615	124.685	5190.615
8/15/09	1:35:09	219900	28.804	10.428	124.685	5190.615	124.685	5190.615
8/15/09	1:40:09	220200	28.798	10.429	124.699	5190.601	124.699	5190.601
8/15/09	1:45:09	220500	28.799	10.429	124.696	5190.604	124.696	5190.604
8/15/09	1:50:09	220800	28.804	10.432	124.684	5190.616	124.684	5190.616
8/15/09	1:55:09	221100	28.805	10.432	124.683	5190.617	124.683	5190.617
8/15/09	2:00:09	221400	28.804	10.430	124.684	5190.616	124.684	5190.616
8/15/09	2:05:09	221700	28.799	10.428	124.696	5190.604	124.696	5190.604
8/15/09	2:10:09	222000	28.799	10.426	124.697	5190.603	124.697	5190.603
8/15/09	2:15:09	222300	28.799	10.429	124.697	5190.603	124.697	5190.603
8/15/09	2:20:09	222600	28.805	10.433	124.681	5190.619	124.681	5190.619
8/15/09	2:25:09	222900	28.804	10.429	124.685	5190.615	124.685	5190.615
8/15/09	2:30:09	223200	28.805	10.430	124.682	5190.618	124.682	5190.618
8/15/09	2:35:09	223500	28.799	10.429	124.695	5190.605	124.695	5190.605
8/15/09	2:40:09	223800	28.805	10.432	124.682	5190.618	124.682	5190.618
8/15/09	2:45:09	224100	28.806	10.433	124.681	5190.619	124.681	5190.619
8/15/09	2:50:09	224400	28.804	10.432	124.686	5190.614	124.686	5190.614
8/15/09	2:55:09	224700	28.805	10.429	124.681	5190.619	124.681	5190.619
8/15/09	3:00:09	225000	28.800	10.430	124.695	5190.605	124.695	5190.605
8/15/09	3:05:09	225300	28.804	10.428	124.685	5190.615	124.685	5190.615
8/15/09	3:10:09	225600	28.805	10.429	124.683	5190.617	124.683	5190.617
8/15/09	3:15:09	225900	28.805	10.426	124.681	5190.619	124.681	5190.619
8/15/09	3:20:09	226200	28.799	10.432	124.697	5190.603	124.697	5190.603
8/15/09	3:25:09	226500	28.805	10.432	124.682	5190.618	124.682	5190.618
8/15/09	3:30:09	226800	28.804	10.432	124.685	5190.615	124.685	5190.615
8/15/09	3:35:09	227100	28.805	10.429	124.683	5190.617	124.683	5190.617
8/15/09	3:40:09	227400	28.806	10.428	124.681	5190.619	124.681	5190.619
8/15/09	3:45:09	227700	28.805	10.432	124.683	5190.617	124.683	5190.617
8/15/09	3:50:09	228000	28.798	10.431	124.699	5190.601	124.699	5190.601
8/15/09	3:55:09	228300	28.805	10.433	124.683	5190.617	124.683	5190.617
8/15/09	4:00:09	228600	28.804	10.436	124.686	5190.614	124.686	5190.614
8/15/09	4:05:09	228900	28.805	10.439	124.683	5190.617	124.683	5190.617
8/15/09	4:10:09	229200	28.805	10.430	124.682	5190.618	124.682	5190.618
8/15/09	4:15:09	229500	28.805	10.426	124.683	5190.617	124.683	5190.617
8/15/09	4:20:09	229800	28.805	10.431	124.683	5190.617	124.683	5190.617
8/15/09	4:25:09	230100	28.805	10.432	124.683	5190.617	124.683	5190.617
8/15/09	4:30:09	230400	28.803	10.436	124.686	5190.614	124.686	5190.614
8/15/09	4:35:09	230700	28.803	10.434	124.687	5190.613	124.687	5190.613
8/15/09	4:40:09	231000	28.796	10.434	124.703	5190.597	124.703	5190.597
8/15/09	4:45:09	231300	28.804	10.432	124.684	5190.616	124.684	5190.616
8/15/09	4:50:09	231600	28.803	10.434	124.688	5190.612	124.688	5190.612
8/15/09	4:55:09	231900	28.803	10.432	124.686	5190.614	124.686	5190.614
8/15/09	5:00:09	232200	28.803	10.432	124.687	5190.613	124.687	5190.613

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/15/09	5:05:09	232500	28.802	10.432	124.690	5190.610	124.690	5190.610
8/15/09	5:10:09	232800	28.797	10.431	124.702	5190.598	124.702	5190.598
8/15/09	5:15:09	233100	28.803	10.430	124.687	5190.613	124.687	5190.613
8/15/09	5:20:09	233400	28.797	10.430	124.700	5190.600	124.700	5190.600
8/15/09	5:25:09	233700	28.803	10.431	124.688	5190.612	124.688	5190.612
8/15/09	5:30:09	234000	28.802	10.431	124.690	5190.610	124.690	5190.610
8/15/09	5:35:09	234300	28.800	10.432	124.693	5190.607	124.693	5190.607
8/15/09	5:40:09	234600	28.800	10.429	124.693	5190.607	124.693	5190.607
8/15/09	5:45:09	234900	28.800	10.432	124.694	5190.606	124.694	5190.606
8/15/09	5:50:09	235200	28.800	10.434	124.694	5190.606	124.694	5190.606
8/15/09	5:55:09	235500	28.800	10.433	124.694	5190.606	124.694	5190.606
8/15/09	6:00:09	235800	28.800	10.432	124.693	5190.607	124.693	5190.607
8/15/09	6:05:09	236100	28.800	10.435	124.695	5190.605	124.695	5190.605
8/15/09	6:10:09	236400	28.798	10.438	124.698	5190.602	124.698	5190.602
8/15/09	6:15:09	236700	28.798	10.438	124.699	5190.601	124.699	5190.601
8/15/09	6:20:09	237000	28.793	10.432	124.709	5190.591	124.709	5190.591
8/15/09	6:25:09	237300	28.796	10.434	124.704	5190.596	124.704	5190.596
8/15/09	6:30:09	237600	28.796	10.432	124.703	5190.597	124.703	5190.597
8/15/09	6:35:09	237900	28.797	10.429	124.701	5190.599	124.701	5190.599
8/15/09	6:40:09	238200	28.790	10.428	124.716	5190.584	124.716	5190.584
8/15/09	6:45:09	238500	28.794	10.424	124.707	5190.593	124.707	5190.593
8/15/09	6:50:09	238800	28.795	10.423	124.704	5190.596	124.704	5190.596
8/15/09	6:55:09	239100	28.794	10.425	124.707	5190.593	124.707	5190.593
8/15/09	7:00:09	239400	28.795	10.428	124.705	5190.595	124.705	5190.595
8/15/09	7:05:09	239700	28.794	10.430	124.707	5190.593	124.707	5190.593
8/15/09	7:10:09	240000	28.795	10.427	124.706	5190.594	124.706	5190.594
8/15/09	7:15:09	240300	28.795	10.426	124.705	5190.595	124.705	5190.595
8/15/09	7:20:09	240600	28.793	10.427	124.711	5190.589	124.711	5190.589
8/15/09	7:25:09	240900	28.787	10.427	124.723	5190.577	124.723	5190.577
8/15/09	7:30:09	241200	28.794	10.424	124.708	5190.592	124.708	5190.592
8/15/09	7:35:09	241500	28.788	10.429	124.722	5190.578	124.722	5190.578
8/15/09	7:40:09	241800	28.793	10.429	124.710	5190.590	124.710	5190.590
8/15/09	7:45:09	242100	28.787	10.429	124.725	5190.575	124.725	5190.575
8/15/09	7:50:09	242400	28.791	10.432	124.714	5190.586	124.714	5190.586
8/15/09	7:55:09	242700	28.791	10.434	124.715	5190.585	124.715	5190.585
8/15/09	8:00:09	243000	28.791	10.430	124.715	5190.585	124.715	5190.585
8/15/09	8:05:09	243300	28.791	10.435	124.714	5190.586	124.714	5190.586
8/15/09	8:10:09	243600	28.785	10.431	124.729	5190.571	124.729	5190.571
8/15/09	8:15:09	243900	28.790	10.433	124.717	5190.583	124.717	5190.583
8/15/09	8:20:09	244200	28.790	10.434	124.717	5190.583	124.717	5190.583
8/15/09	8:25:09	244500	28.783	10.430	124.734	5190.566	124.734	5190.566
8/15/09	8:30:09	244800	28.790	10.429	124.718	5190.582	124.718	5190.582
8/15/09	8:35:09	245100	28.789	10.432	124.719	5190.581	124.719	5190.581
8/15/09	8:40:09	245400	28.789	10.429	124.720	5190.580	124.720	5190.580
8/15/09	8:45:09	245700	28.789	10.427	124.718	5190.582	124.718	5190.582
8/15/09	8:50:09	246000	28.781	10.429	124.737	5190.563	124.737	5190.563
8/15/09	8:55:09	246300	28.786	10.430	124.725	5190.575	124.725	5190.575
8/15/09	9:00:09	246600	28.787	10.434	124.724	5190.576	124.724	5190.576
8/15/09	9:05:09	246900	28.781	10.430	124.738	5190.562	124.738	5190.562
8/15/09	9:10:09	247200	28.786	10.427	124.727	5190.573	124.727	5190.573
8/15/09	9:15:09	247500	28.787	10.426	124.725	5190.575	124.725	5190.575
8/15/09	9:20:09	247800	28.786	10.432	124.726	5190.574	124.726	5190.574
8/15/09	9:25:09	248100	28.781	10.430	124.739	5190.561	124.739	5190.561
8/15/09	9:30:09	248400	28.779	10.431	124.742	5190.558	124.742	5190.558
8/15/09	9:35:09	248700	28.786	10.431	124.727	5190.573	124.727	5190.573
8/15/09	9:40:09	249000	28.785	10.430	124.728	5190.572	124.728	5190.572

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/15/09	9:45:09	249300	28.786	10.427	124.726	5190.574	124.726	5190.574
8/15/09	9:50:09	249600	28.786	10.427	124.726	5190.574	124.726	5190.574
8/15/09	9:55:09	249900	28.785	10.433	124.728	5190.572	124.728	5190.572
8/15/09	10:00:09	250200	28.785	10.429	124.728	5190.572	124.728	5190.572
8/15/09	10:05:09	250500	28.784	10.433	124.730	5190.570	124.730	5190.570
8/15/09	10:10:09	250800	28.785	10.435	124.729	5190.571	124.729	5190.571
8/15/09	10:15:09	251100	28.779	10.434	124.743	5190.557	124.743	5190.557
8/15/09	10:20:09	251400	28.784	10.431	124.730	5190.570	124.730	5190.570
8/15/09	10:25:09	251700	28.783	10.432	124.732	5190.568	124.732	5190.568
8/15/09	10:30:09	252000	28.783	10.432	124.733	5190.567	124.733	5190.567
8/15/09	10:35:09	252300	28.781	10.432	124.737	5190.563	124.737	5190.563
8/15/09	10:40:09	252600	28.784	10.432	124.730	5190.570	124.730	5190.570
8/15/09	10:45:09	252900	28.782	10.430	124.735	5190.565	124.735	5190.565
8/15/09	10:50:09	253200	28.782	10.432	124.734	5190.566	124.734	5190.566
8/15/09	10:55:09	253500	28.783	10.433	124.734	5190.566	124.734	5190.566
8/15/09	11:00:09	253800	28.782	10.433	124.735	5190.565	124.735	5190.565
8/15/09	11:05:09	254100	28.776	10.433	124.749	5190.551	124.749	5190.551
8/15/09	11:10:09	254400	28.782	10.436	124.736	5190.564	124.736	5190.564
8/15/09	11:15:09	254700	28.783	10.431	124.733	5190.567	124.733	5190.567
8/15/09	11:20:09	255000	28.784	10.430	124.731	5190.569	124.731	5190.569
8/15/09	11:25:09	255300	28.778	10.429	124.744	5190.556	124.744	5190.556
8/15/09	11:30:09	255600	28.785	10.430	124.730	5190.570	124.730	5190.570
8/15/09	11:35:09	255900	28.783	10.431	124.734	5190.566	124.734	5190.566
8/15/09	11:40:09	256200	28.784	10.427	124.731	5190.569	124.731	5190.569
8/15/09	11:45:09	256500	28.784	10.431	124.731	5190.569	124.731	5190.569
8/15/09	11:50:09	256800	28.785	10.428	124.728	5190.572	124.728	5190.572
8/15/09	11:55:09	257100	28.778	10.429	124.744	5190.556	124.744	5190.556
8/15/09	12:00:09	257400	28.778	10.432	124.744	5190.556	124.744	5190.556
8/15/09	12:05:09	257700	28.784	10.430	124.731	5190.569	124.731	5190.569
8/15/09	12:10:09	258000	28.785	10.433	124.730	5190.570	124.730	5190.570
8/15/09	12:15:09	258300	28.784	10.431	124.731	5190.569	124.731	5190.569
8/15/09	12:20:09	258600	28.784	10.435	124.730	5190.570	124.730	5190.570
8/15/09	12:25:09	258900	28.785	10.438	124.729	5190.571	124.729	5190.571
8/15/09	12:30:09	259200	28.785	10.433	124.730	5190.570	124.730	5190.570
8/15/09	12:35:09	259500	28.778	10.434	124.744	5190.556	124.744	5190.556
8/15/09	12:40:09	259800	28.779	10.431	124.742	5190.558	124.742	5190.558
8/15/09	12:45:09	260100	28.776	10.428	124.749	5190.551	124.749	5190.551
8/15/09	12:50:09	260400	28.785	10.427	124.729	5190.571	124.729	5190.571
8/15/09	12:55:09	260700	28.780	10.428	124.741	5190.559	124.741	5190.559
8/15/09	13:00:09	261000	28.780	10.428	124.741	5190.559	124.741	5190.559
8/15/09	13:05:09	261300	28.780	10.427	124.741	5190.559	124.741	5190.559
8/15/09	13:10:09	261600	28.787	10.422	124.725	5190.575	124.725	5190.575
8/15/09	13:15:09	261900	28.782	10.422	124.735	5190.565	124.735	5190.565
8/15/09	13:20:09	262200	28.780	10.428	124.740	5190.560	124.740	5190.560
8/15/09	13:25:09	262500	28.784	10.427	124.731	5190.569	124.731	5190.569
8/15/09	13:30:09	262800	28.786	10.424	124.726	5190.574	124.726	5190.574
8/15/09	13:35:09	263100	28.788	10.424	124.722	5190.578	124.722	5190.578
8/15/09	13:40:09	263400	28.787	10.425	124.723	5190.577	124.723	5190.577
8/15/09	13:45:09	263700	28.782	10.428	124.736	5190.564	124.736	5190.564
8/15/09	13:50:09	264000	28.787	10.429	124.724	5190.576	124.724	5190.576
8/15/09	13:55:09	264300	28.786	10.431	124.725	5190.575	124.725	5190.575
8/15/09	14:00:09	264600	28.787	10.427	124.724	5190.576	124.724	5190.576
8/15/09	14:05:09	264900	28.788	10.428	124.722	5190.578	124.722	5190.578
8/15/09	14:10:09	265200	28.787	10.427	124.724	5190.576	124.724	5190.576
8/15/09	14:15:09	265500	28.786	10.430	124.727	5190.573	124.727	5190.573
8/15/09	14:20:09	265800	28.787	10.430	124.724	5190.576	124.724	5190.576

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/15/09	14:25:09	266100	28.781	10.434	124.737	5190.563	124.737	5190.563
8/15/09	14:30:09	266400	28.788	10.433	124.721	5190.579	124.721	5190.579
8/15/09	14:35:09	266700	28.788	10.430	124.722	5190.578	124.722	5190.578
8/15/09	14:40:09	267000	28.790	10.430	124.718	5190.582	124.718	5190.582
8/15/09	14:45:09	267300	28.782	10.427	124.735	5190.565	124.735	5190.565
8/15/09	14:50:09	267600	28.788	10.433	124.720	5190.580	124.720	5190.580
8/15/09	14:55:09	267900	28.790	10.427	124.716	5190.584	124.716	5190.584
8/15/09	15:00:09	268200	28.789	10.428	124.719	5190.581	124.719	5190.581
8/15/09	15:05:09	268500	28.783	10.427	124.733	5190.567	124.733	5190.567
8/15/09	15:10:09	268800	28.791	10.429	124.714	5190.586	124.714	5190.586
8/15/09	15:15:09	269100	28.790	10.429	124.717	5190.583	124.717	5190.583
8/15/09	15:20:09	269400	28.790	10.431	124.716	5190.584	124.716	5190.584
8/15/09	15:25:09	269700	28.784	10.427	124.731	5190.569	124.731	5190.569
8/15/09	15:30:09	270000	28.792	10.426	124.713	5190.587	124.713	5190.587
8/15/09	15:35:09	270300	28.791	10.425	124.716	5190.584	124.716	5190.584
8/15/09	15:40:09	270600	28.786	10.428	124.726	5190.574	124.726	5190.574
8/15/09	15:45:09	270900	28.792	10.430	124.712	5190.588	124.712	5190.588
8/15/09	15:50:09	271200	28.786	10.427	124.727	5190.573	124.727	5190.573
8/15/09	15:55:09	271500	28.785	10.432	124.729	5190.571	124.729	5190.571
8/15/09	16:00:09	271800	28.793	10.431	124.709	5190.591	124.709	5190.591
8/15/09	16:05:09	272100	28.791	10.431	124.714	5190.586	124.714	5190.586
8/15/09	16:10:09	272400	28.793	10.432	124.709	5190.591	124.709	5190.591
8/15/09	16:15:09	272700	28.792	10.435	124.712	5190.588	124.712	5190.588
8/15/09	16:20:09	273000	28.792	10.431	124.713	5190.587	124.713	5190.587
8/15/09	16:25:09	273300	28.793	10.433	124.711	5190.589	124.711	5190.589
8/15/09	16:30:09	273600	28.792	10.430	124.712	5190.588	124.712	5190.588
8/15/09	16:35:09	273900	28.786	10.435	124.726	5190.574	124.726	5190.574
8/15/09	16:40:09	274200	28.793	10.429	124.710	5190.590	124.710	5190.590
8/15/09	16:45:09	274500	28.792	10.422	124.713	5190.587	124.713	5190.587
8/15/09	16:50:09	274800	28.794	10.429	124.708	5190.592	124.708	5190.592
8/15/09	16:55:09	275100	28.788	10.430	124.721	5190.579	124.721	5190.579
8/15/09	17:00:09	275400	28.795	10.425	124.705	5190.595	124.705	5190.595
8/15/09	17:05:09	275700	28.787	10.426	124.724	5190.576	124.724	5190.576
8/15/09	17:10:09	276000	28.794	10.426	124.709	5190.591	124.709	5190.591
8/15/09	17:15:09	276300	28.789	10.431	124.720	5190.580	124.720	5190.580
8/15/09	17:20:09	276600	28.793	10.432	124.710	5190.590	124.710	5190.590
8/15/09	17:25:09	276900	28.787	10.430	124.723	5190.577	124.723	5190.577
8/15/09	17:30:09	277200	28.794	10.429	124.708	5190.592	124.708	5190.592
8/15/09	17:35:09	277500	28.787	10.429	124.724	5190.576	124.724	5190.576
8/15/09	17:40:09	277800	28.789	10.431	124.720	5190.580	124.720	5190.580
8/15/09	17:45:09	278100	28.794	10.429	124.708	5190.592	124.708	5190.592
8/15/09	17:50:09	278400	28.794	10.429	124.707	5190.593	124.707	5190.593
8/15/09	17:55:09	278700	28.795	10.428	124.704	5190.596	124.704	5190.596
8/15/09	18:00:09	279000	28.788	10.432	124.722	5190.578	124.722	5190.578
8/15/09	18:05:09	279300	28.795	10.433	124.705	5190.595	124.705	5190.595
8/15/09	18:10:09	279600	28.795	10.431	124.706	5190.594	124.706	5190.594
8/15/09	18:15:09	279900	28.787	10.425	124.725	5190.575	124.725	5190.575
8/15/09	18:20:09	280200	28.793	10.428	124.709	5190.591	124.709	5190.591
8/15/09	18:25:09	280500	28.794	10.429	124.708	5190.592	124.708	5190.592
8/15/09	18:30:09	280800	28.792	10.430	124.712	5190.588	124.712	5190.588
8/15/09	18:35:09	281100	28.794	10.434	124.709	5190.591	124.709	5190.591
8/15/09	18:40:09	281400	28.793	10.430	124.711	5190.589	124.711	5190.589
8/15/09	18:45:09	281700	28.788	10.429	124.722	5190.578	124.722	5190.578
8/15/09	18:50:09	282000	28.793	10.428	124.709	5190.591	124.709	5190.591
8/15/09	18:55:09	282300	28.795	10.428	124.706	5190.594	124.706	5190.594
8/15/09	19:00:09	282600	28.788	10.427	124.722	5190.578	124.722	5190.578

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.300 GW	Elevation		
8/15/09	19:05:09	282900	28.795	10.430	124.706	5190.594		124.706	5190.594
8/15/09	19:10:09	283200	28.794	10.425	124.707	5190.593		124.707	5190.593
8/15/09	19:15:09	283500	28.795	10.424	124.706	5190.594		124.706	5190.594
8/15/09	19:20:09	283800	28.795	10.428	124.706	5190.594		124.706	5190.594
8/15/09	19:25:09	284100	28.787	10.429	124.725	5190.575		124.725	5190.575
8/15/09	19:30:09	284400	28.795	10.428	124.706	5190.594		124.706	5190.594
8/15/09	19:35:09	284700	28.794	10.428	124.709	5190.591		124.709	5190.591
8/15/09	19:40:09	285000	28.794	10.425	124.708	5190.592		124.708	5190.592
8/15/09	19:45:09	285300	28.789	10.424	124.720	5190.580		124.720	5190.580
8/15/09	19:50:09	285600	28.793	10.428	124.711	5190.589		124.711	5190.589
8/15/09	19:55:09	285900	28.793	10.426	124.709	5190.591		124.709	5190.591
8/15/09	20:00:09	286200	28.794	10.432	124.708	5190.592		124.708	5190.592
8/15/09	20:05:09	286500	28.787	10.428	124.725	5190.575		124.725	5190.575
8/15/09	20:10:09	286800	28.791	10.427	124.714	5190.586		124.714	5190.586
8/15/09	20:15:09	287100	28.788	10.427	124.722	5190.578		124.722	5190.578
8/15/09	20:20:09	287400	28.792	10.428	124.712	5190.588		124.712	5190.588
8/15/09	20:25:09	287700	28.793	10.432	124.711	5190.589		124.711	5190.589
8/15/09	20:30:09	288000	28.793	10.430	124.710	5190.590		124.710	5190.590
8/15/09	20:35:09	288300	28.785	10.432	124.729	5190.571		124.729	5190.571
8/15/09	20:40:09	288600	28.791	10.431	124.715	5190.585		124.715	5190.585
8/15/09	20:45:09	288900	28.785	10.431	124.728	5190.572		124.728	5190.572
8/15/09	20:50:09	289200	28.792	10.430	124.712	5190.588		124.712	5190.588
8/15/09	20:55:09	289500	28.789	10.431	124.720	5190.580		124.720	5190.580
8/15/09	21:00:09	289800	28.784	10.434	124.730	5190.570		124.730	5190.570
8/15/09	21:05:09	290100	28.789	10.429	124.720	5190.580		124.720	5190.580
8/15/09	21:10:09	290400	28.789	10.431	124.720	5190.580		124.720	5190.580
8/15/09	21:15:09	290700	28.790	10.430	124.717	5190.583		124.717	5190.583
8/15/09	21:20:09	291000	28.782	10.429	124.736	5190.564		124.736	5190.564
8/15/09	21:25:09	291300	28.783	10.431	124.733	5190.567		124.733	5190.567
8/15/09	21:30:09	291600	28.789	10.429	124.719	5190.581		124.719	5190.581
8/15/09	21:35:09	291900	28.787	10.429	124.724	5190.576		124.724	5190.576
8/15/09	21:40:09	292200	28.787	10.429	124.725	5190.575		124.725	5190.575
8/15/09	21:45:09	292500	28.787	10.424	124.724	5190.576		124.724	5190.576
8/15/09	21:50:09	292800	28.788	10.425	124.722	5190.578		124.722	5190.578
8/15/09	21:55:09	293100	28.784	10.430	124.730	5190.570		124.730	5190.570
8/15/09	22:00:09	293400	28.786	10.429	124.725	5190.575		124.725	5190.575
8/15/09	22:05:09	293700	28.787	10.425	124.725	5190.575		124.725	5190.575
8/15/09	22:10:09	294000	28.783	10.424	124.734	5190.566		124.734	5190.566
8/15/09	22:15:09	294300	28.787	10.423	124.723	5190.577		124.723	5190.577
8/15/09	22:20:09	294600	28.778	10.425	124.745	5190.555		124.745	5190.555
8/15/09	22:25:09	294900	28.778	10.428	124.745	5190.555		124.745	5190.555
8/15/09	22:30:09	295200	28.781	10.427	124.737	5190.563		124.737	5190.563
8/15/09	22:35:09	295500	28.798	10.427	124.697	5190.603		124.697	5190.603
8/15/09	22:40:09	295800	28.804	10.428	124.684	5190.616		124.684	5190.616
8/15/09	22:45:09	296100	28.800	10.429	124.694	5190.606		124.694	5190.606
8/15/09	22:50:09	296400	28.810	10.428	124.670	5190.630		124.670	5190.630
8/15/09	22:55:09	296700	28.802	10.430	124.689	5190.611		124.689	5190.611
8/15/09	23:00:09	297000	28.805	10.431	124.683	5190.617		124.683	5190.617
8/15/09	23:05:09	297300	28.813	10.431	124.663	5190.637		124.663	5190.637
8/15/09	23:10:09	297600	28.784	10.432	124.731	5190.569		124.731	5190.569
8/15/09	23:15:09	297900	28.778	10.432	124.746	5190.554		124.746	5190.554
8/15/09	23:20:09	298200	28.783	10.432	124.733	5190.567		124.733	5190.567
8/15/09	23:25:09	298500	28.784	10.432	124.731	5190.569		124.731	5190.569
8/15/09	23:30:09	298800	28.785	10.429	124.729	5190.571		124.729	5190.571
8/15/09	23:35:09	299100	28.785	10.428	124.729	5190.571		124.729	5190.571
8/15/09	23:40:09	299400	28.783	10.430	124.733	5190.567		124.733	5190.567

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/15/09	23:45:09	299700	28.778	10.428	124.745	5190.555	124.745	5190.555
8/15/09	23:50:09	300000	28.782	10.428	124.735	5190.565	124.735	5190.565
8/15/09	23:55:09	300300	28.783	10.431	124.734	5190.566	124.734	5190.566
8/16/09	0:00:09	300600	28.776	10.426	124.748	5190.552	124.748	5190.552
8/16/09	0:05:09	300900	28.782	10.425	124.736	5190.564	124.736	5190.564
8/16/09	0:10:09	301200	28.775	10.426	124.752	5190.548	124.752	5190.548
8/16/09	0:15:09	301500	28.773	10.429	124.756	5190.544	124.756	5190.544
8/16/09	0:20:09	301800	28.774	10.428	124.755	5190.545	124.755	5190.545
8/16/09	0:25:09	302100	28.774	10.425	124.754	5190.546	124.754	5190.546
8/16/09	0:30:09	302400	28.780	10.430	124.741	5190.559	124.741	5190.559
8/16/09	0:35:09	302700	28.779	10.433	124.742	5190.558	124.742	5190.558
8/16/09	0:40:09	303000	28.779	10.432	124.742	5190.558	124.742	5190.558
8/16/09	0:45:09	303300	28.779	10.434	124.743	5190.557	124.743	5190.557
8/16/09	0:50:09	303600	28.772	10.428	124.759	5190.541	124.759	5190.541
8/16/09	0:55:09	303900	28.771	10.426	124.761	5190.539	124.761	5190.539
8/16/09	1:00:09	304200	28.772	10.425	124.757	5190.543	124.757	5190.543
8/16/09	1:05:09	304500	28.771	10.426	124.761	5190.539	124.761	5190.539
8/16/09	1:10:09	304800	28.771	10.425	124.761	5190.539	124.761	5190.539
8/16/09	1:15:09	305100	28.771	10.429	124.761	5190.539	124.761	5190.539
8/16/09	1:20:09	305400	28.771	10.427	124.760	5190.540	124.760	5190.540
8/16/09	1:25:09	305700	28.770	10.427	124.762	5190.538	124.762	5190.538
8/16/09	1:30:09	306000	28.777	10.427	124.748	5190.552	124.748	5190.552
8/16/09	1:35:09	306300	28.771	10.427	124.761	5190.539	124.761	5190.539
8/16/09	1:40:09	306600	28.771	10.427	124.762	5190.538	124.762	5190.538
8/16/09	1:45:09	306900	28.775	10.424	124.752	5190.548	124.752	5190.548
8/16/09	1:50:09	307200	28.776	10.429	124.750	5190.550	124.750	5190.550
8/16/09	1:55:09	307500	28.775	10.432	124.751	5190.549	124.751	5190.549
8/16/09	2:00:09	307800	28.776	10.431	124.750	5190.550	124.750	5190.550
8/16/09	2:05:09	308100	28.775	10.432	124.752	5190.548	124.752	5190.548
8/16/09	2:10:09	308400	28.776	10.430	124.750	5190.550	124.750	5190.550
8/16/09	2:15:09	308700	28.774	10.428	124.755	5190.545	124.755	5190.545
8/16/09	2:20:09	309000	28.768	10.430	124.768	5190.532	124.768	5190.532
8/16/09	2:25:09	309300	28.769	10.429	124.767	5190.533	124.767	5190.533
8/16/09	2:30:09	309600	28.768	10.426	124.768	5190.532	124.768	5190.532
8/16/09	2:35:09	309900	28.767	10.427	124.770	5190.530	124.770	5190.530
8/16/09	2:40:09	310200	28.768	10.428	124.769	5190.531	124.769	5190.531
8/16/09	2:45:09	310500	28.767	10.427	124.770	5190.530	124.770	5190.530
8/16/09	2:50:09	310800	28.773	10.431	124.755	5190.545	124.755	5190.545
8/16/09	2:55:09	311100	28.765	10.431	124.774	5190.526	124.774	5190.526
8/16/09	3:00:09	311400	28.772	10.428	124.758	5190.542	124.758	5190.542
8/16/09	3:05:09	311700	28.767	10.430	124.771	5190.529	124.771	5190.529
8/16/09	3:10:09	312000	28.766	10.431	124.773	5190.527	124.773	5190.527
8/16/09	3:15:09	312300	28.766	10.430	124.772	5190.528	124.772	5190.528
8/16/09	3:20:09	312600	28.772	10.428	124.758	5190.542	124.758	5190.542
8/16/09	3:25:09	312900	28.772	10.430	124.758	5190.543	124.758	5190.543
8/16/09	3:30:09	313200	28.766	10.429	124.772	5190.528	124.772	5190.528
8/16/09	3:35:09	313500	28.773	10.427	124.757	5190.543	124.757	5190.543
8/16/09	3:40:09	313800	28.766	10.428	124.772	5190.528	124.772	5190.528
8/16/09	3:45:09	314100	28.765	10.427	124.775	5190.525	124.775	5190.525
8/16/09	3:50:09	314400	28.772	10.427	124.758	5190.542	124.758	5190.542
8/16/09	3:55:09	314700	28.765	10.428	124.774	5190.526	124.774	5190.526
8/16/09	4:00:09	315000	28.771	10.429	124.760	5190.540	124.760	5190.540
8/16/09	4:05:09	315300	28.771	10.430	124.762	5190.538	124.762	5190.538
8/16/09	4:10:09	315600	28.772	10.432	124.758	5190.542	124.758	5190.542
8/16/09	4:15:09	315900	28.766	10.430	124.773	5190.527	124.773	5190.527
8/16/09	4:20:09	316200	28.766	10.428	124.773	5190.527	124.773	5190.527

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.300 GW	Elevation		
8/16/09	4:25:09	316500	28.764	10.430	124.776	5190.524		124.776	5190.524
8/16/09	4:30:09	316800	28.771	10.430	124.761	5190.539		124.761	5190.539
8/16/09	4:35:09	317100	28.764	10.429	124.778	5190.522		124.778	5190.522
8/16/09	4:40:09	317400	28.764	10.429	124.778	5190.522		124.778	5190.522
8/16/09	4:45:09	317700	28.769	10.429	124.764	5190.536		124.764	5190.536
8/16/09	4:50:09	318000	28.769	10.429	124.765	5190.535		124.765	5190.535
8/16/09	4:55:09	318300	28.767	10.424	124.770	5190.530		124.770	5190.530
8/16/09	5:00:09	318600	28.762	10.431	124.781	5190.519		124.781	5190.519
8/16/09	5:05:09	318900	28.761	10.429	124.784	5190.516		124.784	5190.516
8/16/09	5:10:09	319200	28.768	10.427	124.768	5190.532		124.768	5190.532
8/16/09	5:15:09	319500	28.762	10.427	124.782	5190.518		124.782	5190.518
8/16/09	5:20:09	319800	28.761	10.422	124.785	5190.515		124.785	5190.515
8/16/09	5:25:09	320100	28.761	10.421	124.785	5190.515		124.785	5190.515
8/16/09	5:30:09	320400	28.767	10.427	124.769	5190.531		124.769	5190.531
8/16/09	5:35:09	320700	28.766	10.429	124.772	5190.528		124.772	5190.528
8/16/09	5:40:09	321000	28.761	10.433	124.785	5190.515		124.785	5190.515
8/16/09	5:45:09	321300	28.760	10.429	124.787	5190.513		124.787	5190.513
8/16/09	5:50:09	321600	28.760	10.427	124.786	5190.514		124.786	5190.514
8/16/09	5:55:09	321900	28.765	10.427	124.774	5190.526		124.774	5190.526
8/16/09	6:00:09	322200	28.764	10.431	124.777	5190.523		124.777	5190.523
8/16/09	6:05:09	322500	28.759	10.429	124.789	5190.511		124.789	5190.511
8/16/09	6:10:09	322800	28.756	10.426	124.795	5190.505		124.795	5190.505
8/16/09	6:15:09	323100	28.764	10.429	124.776	5190.524		124.776	5190.524
8/16/09	6:20:09	323400	28.758	10.429	124.791	5190.509		124.791	5190.509
8/16/09	6:25:09	323700	28.763	10.431	124.779	5190.521		124.779	5190.521
8/16/09	6:30:09	324000	28.764	10.426	124.777	5190.523		124.777	5190.523
8/16/09	6:35:09	324300	28.756	10.428	124.795	5190.505		124.795	5190.505
8/16/09	6:40:09	324600	28.763	10.428	124.780	5190.520		124.780	5190.520
8/16/09	6:45:09	324900	28.756	10.431	124.795	5190.505		124.795	5190.505
8/16/09	6:50:09	325200	28.761	10.428	124.784	5190.516		124.784	5190.516
8/16/09	6:55:09	325500	28.762	10.432	124.782	5190.518		124.782	5190.518
8/16/09	7:00:09	325800	28.760	10.428	124.787	5190.513		124.787	5190.513
8/16/09	7:05:09	326100	28.755	10.423	124.797	5190.503		124.797	5190.503
8/16/09	7:10:09	326400	28.754	10.427	124.801	5190.499		124.801	5190.499
8/16/09	7:15:09	326700	28.755	10.430	124.798	5190.502		124.798	5190.502
8/16/09	7:20:09	327000	28.754	10.430	124.800	5190.500		124.800	5190.500
8/16/09	7:25:09	327300	28.752	10.430	124.806	5190.494		124.806	5190.494
8/16/09	7:30:09	327600	28.760	10.430	124.787	5190.513		124.787	5190.513
8/16/09	7:35:09	327900	28.759	10.430	124.788	5190.512		124.788	5190.512
8/16/09	7:40:09	328200	28.759	10.432	124.789	5190.511		124.789	5190.511
8/16/09	7:45:09	328500	28.758	10.435	124.791	5190.509		124.791	5190.509
8/16/09	7:50:09	328800	28.758	10.432	124.790	5190.510		124.790	5190.510
8/16/09	7:55:09	329100	28.758	10.432	124.792	5190.508		124.792	5190.508
8/16/09	8:00:09	329400	28.757	10.432	124.794	5190.506		124.794	5190.506
8/16/09	8:05:09	329700	28.757	10.430	124.792	5190.508		124.792	5190.508
8/16/09	8:10:09	330000	28.751	10.430	124.807	5190.493		124.807	5190.493
8/16/09	8:15:09	330300	28.757	10.430	124.794	5190.506		124.794	5190.506
8/16/09	8:20:09	330600	28.757	10.432	124.793	5190.507		124.793	5190.507
8/16/09	8:25:09	330900	28.756	10.431	124.795	5190.505		124.795	5190.505
8/16/09	8:30:09	331200	28.755	10.427	124.797	5190.503		124.797	5190.503
8/16/09	8:35:09	331500	28.757	10.427	124.794	5190.506		124.794	5190.506
8/16/09	8:40:09	331800	28.757	10.427	124.794	5190.506		124.794	5190.506
8/16/09	8:45:09	332100	28.749	10.428	124.812	5190.488		124.812	5190.488
8/16/09	8:50:09	332400	28.754	10.431	124.799	5190.501		124.799	5190.501
8/16/09	8:55:09	332700	28.755	10.428	124.798	5190.502		124.798	5190.502
8/16/09	9:00:09	333000	28.755	10.429	124.799	5190.501		124.799	5190.501

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.300 GW Elevation			
8/16/09	9:05:09	333300	28.754	10.431	124.801	5190.499		124.801	5190.499
8/16/09	9:10:09	333600	28.748	10.430	124.814	5190.486		124.814	5190.486
8/16/09	9:15:09	333900	28.754	10.427	124.799	5190.501		124.799	5190.501
8/16/09	9:20:09	334200	28.747	10.428	124.816	5190.484		124.816	5190.484
8/16/09	9:25:09	334500	28.752	10.428	124.806	5190.494		124.806	5190.494
8/16/09	9:30:09	334800	28.745	10.427	124.820	5190.480		124.820	5190.480
8/16/09	9:35:09	335100	28.747	10.426	124.817	5190.483		124.817	5190.483
8/16/09	9:40:09	335400	28.753	10.427	124.803	5190.497		124.803	5190.497
8/16/09	9:45:09	335700	28.753	10.428	124.803	5190.497		124.803	5190.497
8/16/09	9:50:09	336000	28.750	10.426	124.809	5190.491		124.809	5190.491
8/16/09	9:55:09	336300	28.752	10.426	124.804	5190.496		124.804	5190.496
8/16/09	10:00:09	336600	28.752	10.426	124.806	5190.494		124.806	5190.494
8/16/09	10:05:09	336900	28.751	10.430	124.806	5190.494		124.806	5190.494
8/16/09	10:10:09	337200	28.752	10.428	124.804	5190.496		124.804	5190.496
8/16/09	10:15:09	337500	28.746	10.430	124.819	5190.481		124.819	5190.481
8/16/09	10:20:09	337800	28.751	10.428	124.807	5190.493		124.807	5190.493
8/16/09	10:25:09	338100	28.751	10.430	124.808	5190.492		124.808	5190.492
8/16/09	10:30:09	338400	28.749	10.430	124.812	5190.488		124.812	5190.488
8/16/09	10:35:09	338700	28.746	10.429	124.819	5190.481		124.819	5190.481
8/16/09	10:40:09	339000	28.750	10.432	124.810	5190.490		124.810	5190.490
8/16/09	10:45:09	339300	28.749	10.432	124.811	5190.489		124.811	5190.489
8/16/09	10:50:09	339600	28.742	10.424	124.827	5190.473		124.827	5190.473
8/16/09	10:55:09	339900	28.751	10.424	124.807	5190.493		124.807	5190.493
8/16/09	11:00:09	340200	28.749	10.425	124.811	5190.489		124.811	5190.489
8/16/09	11:05:09	340500	28.751	10.425	124.808	5190.492		124.808	5190.492
8/16/09	11:10:09	340800	28.744	10.424	124.824	5190.476		124.824	5190.476
8/16/09	11:15:09	341100	28.744	10.426	124.824	5190.476		124.824	5190.476
8/16/09	11:20:09	341400	28.743	10.428	124.825	5190.475		124.825	5190.475
8/16/09	11:25:09	341700	28.749	10.429	124.811	5190.489		124.811	5190.489
8/16/09	11:30:09	342000	28.749	10.430	124.811	5190.489		124.811	5190.489
8/16/09	11:35:09	342300	28.744	10.431	124.824	5190.476		124.824	5190.476
8/16/09	11:40:09	342600	28.750	10.432	124.808	5190.492		124.808	5190.492
8/16/09	11:45:09	342900	28.745	10.426	124.821	5190.479		124.821	5190.479
8/16/09	11:50:09	343200	28.750	10.428	124.809	5190.491		124.809	5190.491
8/16/09	11:55:09	343500	28.751	10.431	124.806	5190.494		124.806	5190.494
8/16/09	12:00:09	343800	28.750	10.434	124.809	5190.491		124.809	5190.491
8/16/09	12:05:09	344100	28.742	10.427	124.827	5190.473		124.827	5190.473
8/16/09	12:10:09	344400	28.751	10.430	124.808	5190.492		124.808	5190.492
8/16/09	12:15:09	344700	28.744	10.429	124.823	5190.477		124.823	5190.477
8/16/09	12:20:09	345000	28.745	10.426	124.821	5190.479		124.821	5190.479
8/16/09	12:25:09	345300	28.750	10.431	124.810	5190.490		124.810	5190.490
8/16/09	12:30:09	345600	28.744	10.426	124.824	5190.476		124.824	5190.476
8/16/09	12:35:09	345900	28.752	10.431	124.804	5190.496		124.804	5190.496
8/16/09	12:40:09	346200	28.745	10.429	124.820	5190.480		124.820	5190.480
8/16/09	12:45:09	346500	28.745	10.433	124.820	5190.480		124.820	5190.480
8/16/09	12:50:09	346800	28.745	10.433	124.821	5190.479		124.821	5190.479
8/16/09	12:55:09	347100	28.752	10.433	124.805	5190.495		124.805	5190.495
8/16/09	13:00:09	347400	28.751	10.440	124.806	5190.494		124.806	5190.494
8/16/09	13:05:09	347700	28.745	10.435	124.820	5190.480		124.820	5190.480
8/16/09	13:10:09	348000	28.753	10.434	124.803	5190.497		124.803	5190.497
8/16/09	13:15:09	348300	28.748	10.434	124.814	5190.486		124.814	5190.486
8/16/09	13:20:09	348600	28.752	10.434	124.804	5190.496		124.804	5190.496
8/16/09	13:25:09	348900	28.752	10.434	124.804	5190.496		124.804	5190.496
8/16/09	13:30:09	349200	28.753	10.430	124.803	5190.497		124.803	5190.497
8/16/09	13:35:09	349500	28.753	10.428	124.803	5190.497		124.803	5190.497
8/16/09	13:40:09	349800	28.753	10.425	124.801	5190.499		124.801	5190.499



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/16/09	13:45:09	350100	28.754	10.423	124.800	5190.500	124.800	5190.500
8/16/09	13:50:09	350400	28.748	10.423	124.813	5190.487	124.813	5190.487
8/16/09	13:55:09	350700	28.750	10.424	124.809	5190.491	124.809	5190.491
8/16/09	14:00:09	351000	28.754	10.424	124.800	5190.500	124.800	5190.500
8/16/09	14:05:09	351300	28.749	10.423	124.812	5190.488	124.812	5190.488
8/16/09	14:10:09	351600	28.749	10.424	124.812	5190.488	124.812	5190.488
8/16/09	14:15:09	351900	28.756	10.422	124.796	5190.504	124.796	5190.504
8/16/09	14:20:09	352200	28.757	10.423	124.793	5190.507	124.793	5190.507
8/16/09	14:25:09	352500	28.757	10.423	124.793	5190.507	124.793	5190.507
8/16/09	14:30:09	352800	28.757	10.423	124.794	5190.506	124.794	5190.506
8/16/09	14:35:09	353100	28.756	10.428	124.796	5190.504	124.796	5190.504
8/16/09	14:40:09	353400	28.751	10.430	124.806	5190.494	124.806	5190.494
8/16/09	14:45:09	353700	28.759	10.432	124.789	5190.511	124.789	5190.511
8/16/09	14:50:09	354000	28.759	10.432	124.789	5190.511	124.789	5190.511
8/16/09	14:55:09	354300	28.752	10.439	124.805	5190.495	124.805	5190.495
8/16/09	15:00:09	354600	28.758	10.436	124.791	5190.509	124.791	5190.509
8/16/09	15:05:09	354900	28.759	10.434	124.788	5190.512	124.788	5190.512
8/16/09	15:10:09	355200	28.753	10.432	124.802	5190.498	124.802	5190.498
8/16/09	15:15:09	355500	28.761	10.432	124.784	5190.516	124.784	5190.516
8/16/09	15:20:09	355800	28.762	10.429	124.782	5190.518	124.782	5190.518
8/16/09	15:25:09	356100	28.761	10.428	124.785	5190.515	124.785	5190.515
8/16/09	15:30:09	356400	28.761	10.427	124.783	5190.517	124.783	5190.517
8/16/09	15:35:09	356700	28.754	10.426	124.799	5190.501	124.799	5190.501
8/16/09	15:40:09	357000	28.761	10.424	124.785	5190.515	124.785	5190.515
8/16/09	15:45:09	357300	28.755	10.427	124.798	5190.502	124.798	5190.502
8/16/09	15:50:09	357600	28.757	10.428	124.793	5190.507	124.793	5190.507
8/16/09	15:55:09	357900	28.757	10.428	124.792	5190.508	124.792	5190.508
8/16/09	16:00:09	358200	28.763	10.428	124.779	5190.521	124.779	5190.521
8/16/09	16:05:09	358500	28.763	10.430	124.780	5190.520	124.780	5190.520
8/16/09	16:10:09	358800	28.763	10.432	124.778	5190.522	124.778	5190.522
8/16/09	16:15:09	359100	28.763	10.432	124.780	5190.520	124.780	5190.520
8/16/09	16:20:09	359400	28.758	10.431	124.791	5190.509	124.791	5190.509
8/16/09	16:25:09	359700	28.765	10.434	124.774	5190.526	124.774	5190.526
8/16/09	16:30:09	360000	28.765	10.430	124.776	5190.524	124.776	5190.524
8/16/09	16:35:09	360300	28.765	10.429	124.776	5190.524	124.776	5190.524
8/16/09	16:40:09	360600	28.759	10.430	124.789	5190.511	124.789	5190.511
8/16/09	16:45:09	360900	28.760	10.432	124.785	5190.515	124.785	5190.515
8/16/09	16:50:09	361200	28.768	10.428	124.768	5190.532	124.768	5190.532
8/16/09	16:55:09	361500	28.766	10.429	124.772	5190.528	124.772	5190.528
8/16/09	17:00:09	361800	28.760	10.430	124.787	5190.513	124.787	5190.513
8/16/09	17:05:09	362100	28.761	10.424	124.783	5190.517	124.783	5190.517
8/16/09	17:10:09	362400	28.762	10.424	124.783	5190.517	124.783	5190.517
8/16/09	17:15:09	362700	28.761	10.428	124.783	5190.517	124.783	5190.517
8/16/09	17:20:09	363000	28.761	10.428	124.783	5190.517	124.783	5190.517
8/16/09	17:25:09	363300	28.761	10.428	124.783	5190.517	124.783	5190.517
8/16/09	17:30:09	363600	28.758	10.427	124.791	5190.509	124.791	5190.509
8/16/09	17:35:09	363900	28.766	10.426	124.772	5190.528	124.772	5190.528
8/16/09	17:40:09	364200	28.761	10.430	124.783	5190.517	124.783	5190.517
8/16/09	17:45:09	364500	28.769	10.428	124.766	5190.534	124.766	5190.534
8/16/09	17:50:09	364800	28.769	10.428	124.766	5190.534	124.766	5190.534
8/16/09	17:55:09	365100	28.762	10.428	124.782	5190.518	124.782	5190.518
8/16/09	18:00:09	365400	28.761	10.428	124.784	5190.516	124.784	5190.516
8/16/09	18:05:09	365700	28.768	10.426	124.768	5190.532	124.768	5190.532
8/16/09	18:10:09	366000	28.761	10.428	124.785	5190.515	124.785	5190.515
8/16/09	18:15:09	366300	28.768	10.434	124.768	5190.532	124.768	5190.532
8/16/09	18:20:09	366600	28.762	10.428	124.781	5190.519	124.781	5190.519

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/16/09	18:25:09	366900	28.762	10.429	124.781	5190.519	124.781	5190.519
8/16/09	18:30:09	367200	28.763	10.425	124.780	5190.520	124.780	5190.520
8/16/09	18:35:09	367500	28.762	10.424	124.782	5190.518	124.782	5190.518
8/16/09	18:40:09	367800	28.768	10.425	124.769	5190.531	124.769	5190.531
8/16/09	18:45:09	368100	28.762	10.426	124.782	5190.518	124.782	5190.518
8/16/09	18:50:09	368400	28.762	10.427	124.783	5190.517	124.783	5190.517
8/16/09	18:55:09	368700	28.769	10.433	124.767	5190.533	124.767	5190.533
8/16/09	19:00:09	369000	28.769	10.431	124.766	5190.534	124.766	5190.534
8/16/09	19:05:09	369300	28.769	10.431	124.766	5190.534	124.766	5190.534
8/16/09	19:10:09	369600	28.761	10.428	124.785	5190.516	124.785	5190.516
8/16/09	19:15:09	369900	28.763	10.427	124.780	5190.520	124.780	5190.520
8/16/09	19:20:09	370200	28.762	10.425	124.781	5190.519	124.781	5190.519
8/16/09	19:25:09	370500	28.767	10.428	124.769	5190.531	124.769	5190.531
8/16/09	19:30:09	370800	28.769	10.430	124.766	5190.534	124.766	5190.534
8/16/09	19:35:09	371100	28.762	10.430	124.781	5190.519	124.781	5190.519
8/16/09	19:40:09	371400	28.768	10.426	124.767	5190.533	124.767	5190.533
8/16/09	19:45:09	371700	28.762	10.422	124.782	5190.518	124.782	5190.518
8/16/09	19:50:09	372000	28.767	10.423	124.769	5190.531	124.769	5190.531
8/16/09	19:55:09	372300	28.767	10.427	124.769	5190.531	124.769	5190.531
8/16/09	20:00:09	372600	28.761	10.427	124.785	5190.515	124.785	5190.515
8/16/09	20:05:09	372900	28.769	10.429	124.767	5190.533	124.767	5190.533
8/16/09	20:10:09	373200	28.766	10.427	124.773	5190.527	124.773	5190.527
8/16/09	20:15:09	373500	28.759	10.430	124.788	5190.512	124.788	5190.512
8/16/09	20:20:09	373800	28.765	10.430	124.774	5190.526	124.774	5190.526
8/16/09	20:25:09	374100	28.759	10.431	124.789	5190.511	124.789	5190.511
8/16/09	20:30:09	374400	28.759	10.430	124.788	5190.512	124.788	5190.512
8/16/09	20:35:09	374700	28.764	10.428	124.778	5190.522	124.778	5190.522
8/16/09	20:40:09	375000	28.758	10.431	124.790	5190.510	124.790	5190.510
8/16/09	20:45:09	375300	28.758	10.427	124.790	5190.510	124.790	5190.510
8/16/09	20:50:09	375600	28.758	10.429	124.792	5190.508	124.792	5190.508
8/16/09	20:55:09	375900	28.766	10.427	124.773	5190.527	124.773	5190.527
8/16/09	21:00:09	376200	28.764	10.429	124.777	5190.523	124.777	5190.523
8/16/09	21:05:09	376500	28.764	10.432	124.778	5190.522	124.778	5190.522
8/16/09	21:10:09	376800	28.762	10.431	124.781	5190.519	124.781	5190.519
8/16/09	21:15:09	377100	28.762	10.428	124.782	5190.518	124.782	5190.518
8/16/09	21:20:09	377400	28.756	10.428	124.796	5190.504	124.796	5190.504
8/16/09	21:25:09	377700	28.762	10.427	124.782	5190.518	124.782	5190.518
8/16/09	21:30:09	378000	28.755	10.422	124.799	5190.501	124.799	5190.501
8/16/09	21:35:09	378300	28.761	10.426	124.784	5190.516	124.784	5190.516
8/16/09	21:40:09	378600	28.761	10.423	124.783	5190.517	124.783	5190.517
8/16/09	21:45:09	378900	28.755	10.425	124.798	5190.502	124.798	5190.502
8/16/09	21:50:09	379200	28.755	10.429	124.798	5190.502	124.798	5190.502
8/16/09	21:55:09	379500	28.760	10.429	124.787	5190.513	124.787	5190.513
8/16/09	22:00:09	379800	28.753	10.424	124.801	5190.499	124.801	5190.499
8/16/09	22:05:09	380100	28.760	10.429	124.786	5190.514	124.786	5190.514
8/16/09	22:10:09	380400	28.758	10.426	124.791	5190.509	124.791	5190.509
8/16/09	22:15:09	380700	28.752	10.429	124.804	5190.496	124.804	5190.496
8/16/09	22:20:09	381000	28.752	10.430	124.806	5190.494	124.806	5190.494
8/16/09	22:25:09	381300	28.755	10.432	124.798	5190.502	124.798	5190.502
8/16/09	22:30:09	381600	28.756	10.431	124.796	5190.504	124.796	5190.504
8/16/09	22:35:09	381900	28.748	10.428	124.813	5190.487	124.813	5190.487
8/16/09	22:40:09	382200	28.755	10.429	124.798	5190.502	124.798	5190.502
8/16/09	22:45:09	382500	28.749	10.425	124.812	5190.488	124.812	5190.488
8/16/09	22:50:09	382800	28.754	10.427	124.801	5190.499	124.801	5190.499
8/16/09	22:55:09	383100	28.747	10.426	124.816	5190.484	124.816	5190.484
8/16/09	23:00:09	383400	28.754	10.431	124.801	5190.499	124.801	5190.499

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.300 GW	Elevation		
8/16/09	23:05:09	383700	28.754	10.429	124.799	5190.501		124.799	5190.501
8/16/09	23:10:09	384000	28.753	10.430	124.803	5190.497		124.803	5190.497
8/16/09	23:15:09	384300	28.752	10.430	124.806	5190.494		124.806	5190.494
8/16/09	23:20:09	384600	28.746	10.430	124.819	5190.481		124.819	5190.481
8/16/09	23:25:09	384900	28.745	10.429	124.822	5190.478		124.822	5190.478
8/16/09	23:30:09	385200	28.752	10.431	124.804	5190.496		124.804	5190.496
8/16/09	23:35:09	385500	28.746	10.425	124.819	5190.481		124.819	5190.481
8/16/09	23:40:09	385800	28.743	10.429	124.825	5190.475		124.825	5190.475
8/16/09	23:45:09	386100	28.744	10.432	124.822	5190.478		124.822	5190.478
8/16/09	23:50:09	386400	28.744	10.430	124.823	5190.477		124.823	5190.477
8/16/09	23:55:09	386700	28.743	10.428	124.826	5190.474		124.826	5190.474
8/17/09	0:00:09	387000	28.749	10.430	124.812	5190.488		124.812	5190.488
8/17/09	0:05:09	387300	28.748	10.430	124.813	5190.487		124.813	5190.487
8/17/09	0:10:09	387600	28.750	10.431	124.810	5190.490		124.810	5190.490
8/17/09	0:15:09	387900	28.749	10.430	124.812	5190.488		124.812	5190.488
8/17/09	0:20:09	388200	28.749	10.435	124.813	5190.487		124.813	5190.487
8/17/09	0:25:09	388500	28.748	10.432	124.813	5190.487		124.813	5190.487
8/17/09	0:30:09	388800	28.747	10.433	124.816	5190.484		124.816	5190.484
8/17/09	0:35:09	389100	28.739	10.432	124.834	5190.466		124.834	5190.466
8/17/09	0:40:09	389400	28.739	10.432	124.834	5190.466		124.834	5190.466
8/17/09	0:45:09	389700	28.746	10.430	124.818	5190.482		124.818	5190.482
8/17/09	0:50:09	390000	28.739	10.430	124.835	5190.465		124.835	5190.465
8/17/09	0:55:09	390300	28.744	10.427	124.822	5190.478		124.822	5190.478
8/17/09	1:00:09	390600	28.744	10.429	124.822	5190.478		124.822	5190.478
8/17/09	1:05:09	390900	28.744	10.430	124.824	5190.476		124.824	5190.476
8/17/09	1:10:09	391200	28.745	10.426	124.822	5190.478		124.822	5190.478
8/17/09	1:15:09	391500	28.738	10.426	124.837	5190.463		124.837	5190.463
8/17/09	1:20:09	391800	28.737	10.424	124.839	5190.461		124.839	5190.461
8/17/09	1:25:09	392100	28.743	10.427	124.825	5190.475		124.825	5190.475
8/17/09	1:30:09	392400	28.744	10.429	124.823	5190.477		124.823	5190.477
8/17/09	1:35:09	392700	28.736	10.429	124.842	5190.458		124.842	5190.458
8/17/09	1:40:09	393000	28.737	10.428	124.840	5190.460		124.840	5190.460
8/17/09	1:45:09	393300	28.743	10.429	124.826	5190.474		124.826	5190.474
8/17/09	1:50:09	393600	28.742	10.431	124.829	5190.471		124.829	5190.471
8/17/09	1:55:09	393900	28.742	10.428	124.828	5190.472		124.828	5190.472
8/17/09	2:00:09	394200	28.742	10.428	124.828	5190.472		124.828	5190.472
8/17/09	2:05:09	394500	28.741	10.426	124.829	5190.471		124.829	5190.471
8/17/09	2:10:09	394800	28.739	10.432	124.834	5190.466		124.834	5190.466
8/17/09	2:15:09	395100	28.741	10.434	124.831	5190.469		124.831	5190.469
8/17/09	2:20:09	395400	28.740	10.438	124.833	5190.467		124.833	5190.467
8/17/09	2:25:09	395700	28.741	10.429	124.831	5190.469		124.831	5190.469
8/17/09	2:30:09	396000	28.741	10.426	124.831	5190.469		124.831	5190.469
8/17/09	2:35:09	396300	28.739	10.426	124.834	5190.466		124.834	5190.466
8/17/09	2:40:09	396600	28.735	10.427	124.845	5190.455		124.845	5190.455
8/17/09	2:45:09	396900	28.740	10.430	124.833	5190.467		124.833	5190.467
8/17/09	2:50:09	397200	28.740	10.425	124.833	5190.467		124.833	5190.467
8/17/09	2:55:09	397500	28.734	10.423	124.847	5190.453		124.847	5190.453
8/17/09	3:00:09	397800	28.740	10.426	124.833	5190.467		124.833	5190.467
8/17/09	3:05:09	398100	28.739	10.425	124.834	5190.466		124.834	5190.466
8/17/09	3:10:09	398400	28.739	10.424	124.834	5190.466		124.834	5190.466
8/17/09	3:15:09	398700	28.738	10.424	124.837	5190.463		124.837	5190.463
8/17/09	3:20:09	399000	28.739	10.423	124.834	5190.466		124.834	5190.466
8/17/09	3:25:09	399300	28.740	10.423	124.832	5190.468		124.832	5190.468
8/17/09	3:30:09	399600	28.740	10.422	124.833	5190.467		124.833	5190.467
8/17/09	3:35:09	399900	28.740	10.424	124.833	5190.467		124.833	5190.467
8/17/09	3:40:09	400200	28.740	10.428	124.832	5190.468		124.832	5190.468

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/17/09	3:45:09	400500	28.739	10.425	124.835	5190.465	124.835	5190.465
8/17/09	3:50:09	400800	28.740	10.426	124.834	5190.466	124.834	5190.466
8/17/09	3:55:09	401100	28.732	10.425	124.850	5190.450	124.850	5190.450
8/17/09	4:00:09	401400	28.732	10.423	124.850	5190.450	124.850	5190.450
8/17/09	4:05:09	401700	28.732	10.428	124.852	5190.448	124.852	5190.448
8/17/09	4:10:09	402000	28.733	10.427	124.849	5190.451	124.849	5190.451
8/17/09	4:15:09	402300	28.739	10.422	124.836	5190.464	124.836	5190.464
8/17/09	4:20:09	402600	28.737	10.425	124.839	5190.461	124.839	5190.461
8/17/09	4:25:09	402900	28.731	10.424	124.852	5190.448	124.852	5190.448
8/17/09	4:30:09	403200	28.730	10.426	124.855	5190.445	124.855	5190.445
8/17/09	4:35:09	403500	28.731	10.422	124.853	5190.447	124.853	5190.447
8/17/09	4:40:09	403800	28.731	10.423	124.853	5190.447	124.853	5190.447
8/17/09	4:45:09	404100	28.730	10.424	124.855	5190.445	124.855	5190.445
8/17/09	4:50:09	404400	28.735	10.427	124.843	5190.457	124.843	5190.457
8/17/09	4:55:09	404700	28.731	10.423	124.854	5190.446	124.854	5190.446
8/17/09	5:00:09	405000	28.730	10.422	124.856	5190.444	124.856	5190.444
8/17/09	5:05:09	405300	28.729	10.426	124.857	5190.443	124.857	5190.443
8/17/09	5:10:09	405600	28.729	10.429	124.858	5190.442	124.858	5190.442
8/17/09	5:15:09	405900	28.735	10.431	124.845	5190.455	124.845	5190.455
8/17/09	5:20:09	406200	28.729	10.431	124.858	5190.442	124.858	5190.442
8/17/09	5:25:09	406500	28.729	10.428	124.858	5190.442	124.858	5190.442
8/17/09	5:30:09	406800	28.735	10.425	124.845	5190.455	124.845	5190.455
8/17/09	5:35:09	407100	28.733	10.423	124.850	5190.450	124.850	5190.450
8/17/09	5:40:09	407400	28.733	10.421	124.849	5190.451	124.849	5190.451
8/17/09	5:45:09	407700	28.733	10.422	124.849	5190.451	124.849	5190.451
8/17/09	5:50:09	408000	28.728	10.423	124.861	5190.439	124.861	5190.439
8/17/09	5:55:09	408300	28.727	10.426	124.863	5190.437	124.863	5190.437
8/17/09	6:00:09	408600	28.732	10.425	124.852	5190.448	124.852	5190.448
8/17/09	6:05:09	408900	28.726	10.423	124.864	5190.436	124.864	5190.436
8/17/09	6:10:09	409200	28.731	10.424	124.853	5190.447	124.853	5190.447
8/17/09	6:15:09	409500	28.731	10.425	124.854	5190.446	124.854	5190.446
8/17/09	6:20:09	409800	28.723	10.425	124.872	5190.428	124.872	5190.428
8/17/09	6:25:09	410100	28.724	10.427	124.868	5190.432	124.868	5190.432
8/17/09	6:30:09	410400	28.730	10.433	124.856	5190.444	124.856	5190.444
8/17/09	6:35:09	410700	28.729	10.432	124.857	5190.443	124.857	5190.443
8/17/09	6:40:09	411000	28.723	10.431	124.871	5190.429	124.871	5190.429
8/17/09	6:45:09	411300	28.729	10.431	124.858	5190.442	124.858	5190.442
8/17/09	6:50:09	411600	28.728	10.433	124.860	5190.440	124.860	5190.440
8/17/09	6:55:09	411900	28.728	10.437	124.861	5190.439	124.861	5190.439
8/17/09	7:00:09	412200	28.725	10.440	124.867	5190.433	124.867	5190.433
8/17/09	7:05:09	412500	28.727	10.437	124.863	5190.437	124.863	5190.437
8/17/09	7:10:09	412800	28.719	10.436	124.880	5190.420	124.880	5190.420
8/17/09	7:15:09	413100	28.720	10.433	124.878	5190.422	124.878	5190.422
8/17/09	7:20:09	413400	28.725	10.431	124.867	5190.433	124.867	5190.433
8/17/09	7:25:09	413700	28.724	10.435	124.870	5190.430	124.870	5190.430
8/17/09	7:30:09	414000	28.724	10.433	124.869	5190.431	124.869	5190.431
8/17/09	7:35:09	414300	28.724	10.435	124.870	5190.430	124.870	5190.430
8/17/09	7:40:09	414600	28.723	10.435	124.872	5190.428	124.872	5190.428
8/17/09	7:45:09	414900	28.723	10.433	124.871	5190.429	124.871	5190.429
8/17/09	7:50:09	415200	28.724	10.433	124.870	5190.430	124.870	5190.430
8/17/09	7:55:09	415500	28.716	10.436	124.889	5190.411	124.889	5190.411
8/17/09	8:00:09	415800	28.723	10.432	124.872	5190.428	124.872	5190.428
8/17/09	8:05:09	416100	28.722	10.431	124.874	5190.426	124.874	5190.426
8/17/09	8:10:09	416400	28.722	10.432	124.874	5190.426	124.874	5190.426
8/17/09	8:15:09	416700	28.720	10.437	124.878	5190.422	124.878	5190.422
8/17/09	8:20:09	417000	28.720	10.432	124.879	5190.421	124.879	5190.421

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/17/09	8:25:09	417300	28.720	10.431	124.879	5190.421	124.879	5190.421
8/17/09	8:30:09	417600	28.719	10.432	124.881	5190.419	124.881	5190.419
8/17/09	8:35:09	417900	28.719	10.428	124.882	5190.418	124.882	5190.418
8/17/09	8:40:09	418200	28.713	10.432	124.895	5190.405	124.895	5190.405
8/17/09	8:45:09	418500	28.717	10.433	124.885	5190.415	124.885	5190.415
8/17/09	8:50:09	418800	28.717	10.435	124.885	5190.415	124.885	5190.415
8/17/09	8:55:09	419100	28.717	10.434	124.886	5190.414	124.886	5190.414
8/17/09	9:00:09	419400	28.714	10.433	124.892	5190.408	124.892	5190.408
8/17/09	9:05:09	419700	28.715	10.430	124.890	5190.410	124.890	5190.410
8/17/09	9:10:09	420000	28.716	10.429	124.888	5190.412	124.888	5190.412
8/17/09	9:15:09	420300	28.715	10.428	124.891	5190.409	124.891	5190.409
8/17/09	9:20:09	420600	28.715	10.431	124.890	5190.410	124.890	5190.410
8/17/09	9:25:09	420900	28.706	10.427	124.910	5190.390	124.910	5190.390
8/17/09	9:30:09	421200	28.713	10.426	124.894	5190.406	124.894	5190.406

APPENDIX B-9  
UMW-10 WATER LEVEL DATA

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/6/09	17:15:00	0	15.214	10.377	139.741	5175.259	139.741	5175.259
8/6/09	17:20:00	5	15.216	10.376	139.737	5175.263	139.737	5175.263
8/6/09	17:25:00	10	15.218	10.374	139.732	5175.268	139.732	5175.268
8/6/09	17:30:00	15	15.219	10.368	139.729	5175.271	139.729	5175.271
8/6/09	17:35:00	20	15.219	10.368	139.728	5175.272	139.728	5175.272
8/6/09	17:40:00	25	15.219	10.369	139.728	5175.272	139.728	5175.272
8/6/09	17:45:00	30	15.220	10.375	139.728	5175.272	139.728	5175.272
8/6/09	17:50:00	35	15.223	10.376	139.720	5175.280	139.720	5175.280
8/6/09	17:55:00	40	15.224	10.373	139.718	5175.282	139.718	5175.282
8/6/09	18:00:00	45	15.225	10.372	139.716	5175.284	139.716	5175.284
8/6/09	18:05:00	50	15.225	10.368	139.716	5175.284	139.716	5175.284
8/6/09	18:10:00	55	15.225	10.375	139.714	5175.286	139.714	5175.286
8/6/09	18:15:00	60	15.229	10.377	139.707	5175.293	139.707	5175.293
8/6/09	18:20:00	65	15.228	10.374	139.709	5175.291	139.709	5175.291
8/6/09	18:25:00	70	15.230	10.369	139.704	5175.296	139.704	5175.296
8/6/09	18:30:00	75	15.230	10.369	139.704	5175.296	139.704	5175.296
8/6/09	18:35:00	80	15.231	10.373	139.701	5175.299	139.701	5175.299
8/6/09	18:40:00	85	15.232	10.374	139.698	5175.302	139.698	5175.302
8/6/09	18:45:00	90	15.231	10.373	139.701	5175.299	139.701	5175.299
8/6/09	18:50:00	95	15.233	10.373	139.697	5175.303	139.697	5175.303
8/6/09	18:55:00	100	15.230	10.375	139.703	5175.297	139.703	5175.297
8/6/09	19:00:00	105	15.234	10.368	139.693	5175.307	139.693	5175.307
8/6/09	19:05:00	110	15.235	10.363	139.691	5175.309	139.691	5175.309
8/6/09	19:10:00	115	15.235	10.372	139.693	5175.307	139.693	5175.307
8/6/09	19:15:00	120	15.235	10.369	139.692	5175.308	139.692	5175.308
8/6/09	19:20:00	125	15.236	10.369	139.691	5175.309	139.691	5175.309
8/6/09	19:25:00	130	15.234	10.375	139.694	5175.306	139.694	5175.306
8/6/09	19:30:00	135	15.235	10.378	139.691	5175.309	139.691	5175.309
8/6/09	19:35:00	140	15.236	10.382	139.689	5175.311	139.689	5175.311
8/6/09	19:40:00	145	15.237	10.379	139.688	5175.312	139.688	5175.312
8/6/09	19:45:00	150	15.239	10.377	139.684	5175.316	139.684	5175.316
8/6/09	19:50:00	155	15.238	10.373	139.686	5175.314	139.686	5175.314
8/6/09	19:55:00	160	15.239	10.374	139.683	5175.317	139.683	5175.317
8/6/09	20:00:00	165	15.240	10.375	139.680	5175.320	139.680	5175.320
8/6/09	20:05:00	170	15.239	10.376	139.682	5175.318	139.682	5175.318
8/6/09	20:10:00	175	15.241	10.379	139.679	5175.321	139.679	5175.321
8/6/09	20:15:00	180	15.241	10.382	139.679	5175.321	139.679	5175.321
8/6/09	20:20:00	185	15.240	10.377	139.681	5175.319	139.681	5175.319
8/6/09	20:25:00	190	15.241	10.374	139.678	5175.322	139.678	5175.322
8/6/09	20:30:00	195	15.238	10.374	139.686	5175.314	139.686	5175.314
8/6/09	20:35:00	200	15.241	10.373	139.679	5175.321	139.679	5175.321
8/6/09	20:40:00	205	15.241	10.370	139.678	5175.322	139.678	5175.322
8/6/09	20:45:00	210	15.238	10.367	139.685	5175.315	139.685	5175.315
8/6/09	20:50:00	215	15.242	10.365	139.677	5175.323	139.677	5175.323
8/6/09	20:55:00	220	15.241	10.369	139.677	5175.323	139.677	5175.323
8/6/09	21:00:00	225	15.240	10.378	139.681	5175.319	139.681	5175.319
8/6/09	21:05:00	230	15.240	10.370	139.680	5175.320	139.680	5175.320
8/6/09	21:10:00	235	15.240	10.372	139.679	5175.321	139.679	5175.321
8/6/09	21:15:00	240	15.240	10.368	139.680	5175.320	139.680	5175.320
8/6/09	21:20:00	245	15.241	10.368	139.678	5175.322	139.678	5175.322
8/6/09	21:25:00	250	15.241	10.369	139.678	5175.322	139.678	5175.322
8/6/09	21:30:00	255	15.240	10.368	139.680	5175.320	139.680	5175.320
8/6/09	21:35:00	260	15.240	10.370	139.682	5175.318	139.682	5175.318
8/6/09	21:40:00	265	15.239	10.364	139.683	5175.317	139.683	5175.317

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/6/09	21:45:00	270	15.240	10.363	139.681	5175.319	139.681	5175.319
8/6/09	21:50:00	275	15.241	10.362	139.677	5175.323	139.677	5175.323
8/6/09	21:55:00	280	15.239	10.359	139.683	5175.317	139.683	5175.317
8/6/09	22:00:00	285	15.242	10.358	139.677	5175.323	139.677	5175.323
8/6/09	22:05:00	290	15.243	10.361	139.674	5175.326	139.674	5175.326
8/6/09	22:10:00	295	15.242	10.365	139.675	5175.325	139.675	5175.325
8/6/09	22:15:00	300	15.242	10.369	139.676	5175.324	139.676	5175.324
8/6/09	22:20:00	305	15.242	10.369	139.676	5175.324	139.676	5175.324
8/6/09	22:25:00	310	15.244	10.371	139.672	5175.328	139.672	5175.328
8/6/09	22:30:00	315	15.244	10.373	139.670	5175.330	139.670	5175.330
8/6/09	22:35:00	320	15.246	10.371	139.668	5175.332	139.668	5175.332
8/6/09	22:40:00	325	15.245	10.369	139.670	5175.330	139.670	5175.330
8/6/09	22:45:00	330	15.246	10.364	139.666	5175.334	139.666	5175.334
8/6/09	22:50:00	335	15.245	10.370	139.669	5175.331	139.669	5175.331
8/6/09	22:55:00	340	15.246	10.369	139.667	5175.333	139.667	5175.333
8/6/09	23:00:00	345	15.246	10.369	139.668	5175.332	139.668	5175.332
8/6/09	23:05:00	350	15.241	10.369	139.678	5175.322	139.678	5175.322
8/6/09	23:10:00	355	15.246	10.371	139.667	5175.333	139.667	5175.333
8/6/09	23:15:00	360	15.244	10.374	139.671	5175.329	139.671	5175.329
8/6/09	23:20:00	365	15.246	10.379	139.668	5175.332	139.668	5175.332
8/6/09	23:25:00	370	15.243	10.373	139.673	5175.327	139.673	5175.327
8/6/09	23:30:00	375	15.246	10.377	139.666	5175.334	139.666	5175.334
8/6/09	23:35:00	380	15.245	10.374	139.670	5175.330	139.670	5175.330
8/6/09	23:40:00	385	15.243	10.370	139.673	5175.327	139.673	5175.327
8/6/09	23:45:00	390	15.243	10.370	139.674	5175.326	139.674	5175.326
8/6/09	23:50:00	395	15.243	10.370	139.674	5175.326	139.674	5175.326
8/6/09	23:55:00	400	15.244	10.365	139.670	5175.330	139.670	5175.330
8/7/09	0:00:00	405	15.241	10.366	139.678	5175.322	139.678	5175.322
8/7/09	0:05:00	410	15.239	10.367	139.683	5175.317	139.683	5175.317
8/7/09	0:10:00	415	15.240	10.366	139.682	5175.318	139.682	5175.318
8/7/09	0:15:00	420	15.240	10.368	139.681	5175.319	139.681	5175.319
8/7/09	0:20:00	425	15.241	10.369	139.679	5175.321	139.679	5175.321
8/7/09	0:25:00	430	15.243	10.374	139.674	5175.326	139.674	5175.326
8/7/09	0:30:00	435	15.241	10.373	139.677	5175.323	139.677	5175.323
8/7/09	0:35:00	440	15.238	10.370	139.685	5175.315	139.685	5175.315
8/7/09	0:40:00	445	15.242	10.364	139.676	5175.324	139.676	5175.324
8/7/09	0:45:00	450	15.241	10.367	139.678	5175.322	139.678	5175.322
8/7/09	0:50:00	455	15.242	10.370	139.676	5175.324	139.676	5175.324
8/7/09	0:55:00	460	15.243	10.374	139.675	5175.325	139.675	5175.325
8/7/09	1:00:00	465	15.244	10.375	139.672	5175.328	139.672	5175.328
8/7/09	1:05:00	470	15.244	10.370	139.672	5175.328	139.672	5175.328
8/7/09	1:10:00	475	15.244	10.366	139.671	5175.329	139.671	5175.329
8/7/09	1:15:00	480	15.245	10.364	139.669	5175.331	139.669	5175.331
8/7/09	1:20:00	485	15.244	10.360	139.670	5175.330	139.670	5175.330
8/7/09	1:25:00	490	15.245	10.358	139.670	5175.330	139.670	5175.330
8/7/09	1:30:00	495	15.244	10.363	139.672	5175.328	139.672	5175.328
8/7/09	1:35:00	500	15.242	10.365	139.677	5175.323	139.677	5175.323
8/7/09	1:40:00	505	15.243	10.370	139.673	5175.327	139.673	5175.327
8/7/09	1:45:00	510	15.243	10.373	139.675	5175.325	139.675	5175.325
8/7/09	1:50:00	515	15.239	10.370	139.683	5175.317	139.683	5175.317
8/7/09	1:55:00	520	15.243	10.368	139.673	5175.327	139.673	5175.327
8/7/09	2:00:00	525	15.244	10.369	139.672	5175.328	139.672	5175.328
8/7/09	2:05:00	530	15.244	10.367	139.672	5175.328	139.672	5175.328
8/7/09	2:10:00	535	15.244	10.368	139.670	5175.330	139.670	5175.330



**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/7/09	2:15:00	540	15.243	10.364	139.673	5175.327		139.673	5175.327
8/7/09	2:20:00	545	15.241	10.366	139.677	5175.323		139.677	5175.323
8/7/09	2:25:00	550	15.243	10.364	139.673	5175.327		139.673	5175.327
8/7/09	2:30:00	555	15.244	10.366	139.672	5175.328		139.672	5175.328
8/7/09	2:35:00	560	15.240	10.365	139.681	5175.319		139.681	5175.319
8/7/09	2:40:00	565	15.244	10.368	139.671	5175.329		139.671	5175.329
8/7/09	2:45:00	570	15.239	10.371	139.684	5175.316		139.684	5175.316
8/7/09	2:50:00	575	15.241	10.370	139.678	5175.322		139.678	5175.322
8/7/09	2:55:00	580	15.243	10.371	139.673	5175.327		139.673	5175.327
8/7/09	3:00:00	585	15.242	10.376	139.675	5175.325		139.675	5175.325
8/7/09	3:05:00	590	15.242	10.371	139.675	5175.325		139.675	5175.325
8/7/09	3:10:00	595	15.241	10.369	139.678	5175.322		139.678	5175.322
8/7/09	3:15:00	600	15.242	10.371	139.675	5175.325		139.675	5175.325
8/7/09	3:20:00	605	15.242	10.370	139.677	5175.323		139.677	5175.323
8/7/09	3:25:00	610	15.242	10.371	139.677	5175.323		139.677	5175.323
8/7/09	3:30:00	615	15.242	10.368	139.677	5175.323		139.677	5175.323
8/7/09	3:35:00	620	15.243	10.367	139.674	5175.326		139.674	5175.326
8/7/09	3:40:00	625	15.241	10.373	139.677	5175.323		139.677	5175.323
8/7/09	3:45:00	630	15.243	10.371	139.674	5175.326		139.674	5175.326
8/7/09	3:50:00	635	15.243	10.370	139.674	5175.326		139.674	5175.326
8/7/09	3:55:00	640	15.240	10.369	139.680	5175.320		139.680	5175.320
8/7/09	4:00:00	645	15.243	10.371	139.674	5175.326		139.674	5175.326
8/7/09	4:05:00	650	15.239	10.367	139.682	5175.318		139.682	5175.318
8/7/09	4:10:00	655	15.240	10.367	139.681	5175.319		139.681	5175.319
8/7/09	4:15:00	660	15.246	10.365	139.668	5175.332		139.668	5175.332
8/7/09	4:20:00	665	15.241	10.368	139.679	5175.321		139.679	5175.321
8/7/09	4:25:00	670	15.242	10.373	139.675	5175.325		139.675	5175.325
8/7/09	4:30:00	675	15.246	10.377	139.666	5175.334		139.666	5175.334
8/7/09	4:35:00	680	15.247	10.374	139.665	5175.335		139.665	5175.335
8/7/09	4:40:00	685	15.247	10.375	139.665	5175.335		139.665	5175.335
8/7/09	4:45:00	690	15.248	10.374	139.663	5175.337		139.663	5175.337
8/7/09	4:50:00	695	15.247	10.368	139.664	5175.336		139.664	5175.336
8/7/09	4:55:00	700	15.248	10.366	139.662	5175.338		139.662	5175.338
8/7/09	5:00:00	705	15.249	10.366	139.660	5175.340		139.660	5175.340
8/7/09	5:05:00	710	15.249	10.368	139.660	5175.340		139.660	5175.340
8/7/09	5:10:00	715	15.249	10.370	139.659	5175.341		139.659	5175.341
8/7/09	5:15:00	720	15.250	10.368	139.658	5175.342		139.658	5175.342
8/7/09	5:20:00	725	15.250	10.367	139.656	5175.344		139.656	5175.344
8/7/09	5:25:00	730	15.251	10.367	139.656	5175.344		139.656	5175.344
8/7/09	5:30:00	735	15.251	10.370	139.654	5175.346		139.654	5175.346
8/7/09	5:35:00	740	15.251	10.370	139.655	5175.345		139.655	5175.345
8/7/09	5:40:00	745	15.251	10.372	139.655	5175.345		139.655	5175.345
8/7/09	5:45:00	750	15.247	10.370	139.664	5175.336		139.664	5175.336
8/7/09	5:50:00	755	15.251	10.371	139.654	5175.346		139.654	5175.346
8/7/09	5:55:00	760	15.250	10.374	139.658	5175.342		139.658	5175.342
8/7/09	6:00:00	765	15.252	10.372	139.652	5175.348		139.652	5175.348
8/7/09	6:05:00	770	15.252	10.367	139.653	5175.347		139.653	5175.347
8/7/09	6:10:00	775	15.251	10.368	139.656	5175.344		139.656	5175.344
8/7/09	6:15:00	780	15.252	10.369	139.653	5175.347		139.653	5175.347
8/7/09	6:20:00	785	15.251	10.367	139.656	5175.344		139.656	5175.344
8/7/09	6:25:00	790	15.251	10.368	139.656	5175.344		139.656	5175.344
8/7/09	6:30:00	795	15.251	10.367	139.656	5175.344		139.656	5175.344
8/7/09	6:35:00	800	15.251	10.368	139.655	5175.345		139.655	5175.345
8/7/09	6:40:00	805	15.251	10.369	139.655	5175.345		139.655	5175.345

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792: SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/7/09	6:45:00	810	15.251	10.371	139.656	5175.344	139.656	5175.344
8/7/09	6:50:00	815	15.252	10.368	139.652	5175.348	139.652	5175.348
8/7/09	6:55:00	820	15.252	10.370	139.653	5175.347	139.653	5175.347
8/7/09	7:00:00	825	15.251	10.367	139.654	5175.346	139.654	5175.346
8/7/09	7:05:00	830	15.252	10.368	139.652	5175.348	139.652	5175.348
8/7/09	7:10:00	835	15.253	10.368	139.651	5175.349	139.651	5175.349
8/7/09	7:15:00	840	15.252	10.367	139.653	5175.347	139.653	5175.347
8/7/09	7:20:00	845	15.253	10.370	139.651	5175.349	139.651	5175.349
8/7/09	7:25:00	850	15.252	10.370	139.654	5175.346	139.654	5175.346
8/7/09	7:30:00	855	15.253	10.370	139.649	5175.351	139.649	5175.351
8/7/09	7:35:00	860	15.253	10.372	139.651	5175.349	139.651	5175.349
8/7/09	7:40:00	865	15.252	10.370	139.653	5175.347	139.653	5175.347
8/7/09	7:45:00	870	15.253	10.371	139.651	5175.349	139.651	5175.349
8/7/09	7:50:00	875	15.250	10.368	139.658	5175.342	139.658	5175.342
8/7/09	7:55:00	880	15.248	10.365	139.661	5175.339	139.661	5175.339
8/7/09	8:00:00	885	15.251	10.367	139.655	5175.345	139.655	5175.345
8/7/09	8:05:00	890	15.252	10.367	139.653	5175.347	139.653	5175.347
8/7/09	8:10:00	895	15.251	10.369	139.654	5175.346	139.654	5175.346
8/7/09	8:15:00	900	15.250	10.368	139.657	5175.343	139.657	5175.343
8/7/09	8:20:00	905	15.253	10.370	139.652	5175.348	139.652	5175.348
8/7/09	8:25:00	910	15.252	10.368	139.654	5175.346	139.654	5175.346
8/7/09	8:30:00	915	15.247	10.367	139.664	5175.336	139.664	5175.336
8/7/09	8:35:00	920	15.248	10.370	139.662	5175.338	139.662	5175.338
8/7/09	8:40:00	925	15.251	10.367	139.656	5175.344	139.656	5175.344
8/7/09	8:45:00	930	15.250	10.367	139.657	5175.343	139.657	5175.343
8/7/09	8:50:00	935	15.250	10.370	139.658	5175.342	139.658	5175.342
8/7/09	8:55:00	940	15.251	10.372	139.655	5175.345	139.655	5175.345
8/7/09	9:00:00	945	15.252	10.369	139.653	5175.347	139.653	5175.347
8/7/09	9:05:00	950	15.250	10.368	139.657	5175.343	139.657	5175.343
8/7/09	9:10:00	955	15.250	10.367	139.657	5175.343	139.657	5175.343
8/7/09	9:15:00	960	15.250	10.366	139.657	5175.343	139.657	5175.343
8/7/09	9:20:00	965	15.250	10.366	139.658	5175.342	139.658	5175.342
8/7/09	9:25:00	970	15.249	10.368	139.659	5175.341	139.659	5175.341
8/7/09	9:30:00	975	15.249	10.369	139.660	5175.340	139.660	5175.340
8/7/09	9:35:00	980	15.248	10.371	139.661	5175.339	139.661	5175.339
8/7/09	9:40:00	985	15.250	10.369	139.658	5175.342	139.658	5175.342
8/7/09	9:45:00	990	15.248	10.368	139.661	5175.339	139.661	5175.339
8/7/09	9:50:00	995	15.249	10.371	139.660	5175.340	139.660	5175.340
8/7/09	9:55:00	1000	15.248	10.368	139.661	5175.339	139.661	5175.339
8/7/09	10:00:00	1005	15.247	10.372	139.664	5175.336	139.664	5175.336
8/7/09	10:05:00	1010	15.249	10.372	139.661	5175.339	139.661	5175.339
8/7/09	10:10:00	1015	15.248	10.373	139.662	5175.338	139.662	5175.338
8/7/09	10:15:00	1020	15.248	10.374	139.663	5175.337	139.663	5175.337
8/7/09	10:20:00	1025	15.247	10.373	139.664	5175.336	139.664	5175.336
8/7/09	10:25:00	1030	15.247	10.368	139.665	5175.335	139.665	5175.335
8/7/09	10:30:00	1035	15.247	10.371	139.665	5175.335	139.665	5175.335
8/7/09	10:35:00	1040	15.245	10.370	139.669	5175.331	139.669	5175.331
8/7/09	10:40:00	1045	15.247	10.371	139.665	5175.335	139.665	5175.335
8/7/09	10:45:00	1050	15.245	10.371	139.669	5175.331	139.669	5175.331
8/7/09	10:50:00	1055	15.247	10.369	139.664	5175.336	139.664	5175.336
8/7/09	10:55:00	1060	15.245	10.368	139.668	5175.332	139.668	5175.332
8/7/09	11:00:00	1065	15.244	10.368	139.672	5175.328	139.672	5175.328
8/7/09	11:05:00	1070	15.245	10.367	139.669	5175.331	139.669	5175.331
8/7/09	11:10:00	1075	15.244	10.370	139.670	5175.330	139.670	5175.330

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/7/09	11:15:00	1080	15.245	10.369	139.669	5175.331		139.669	5175.331
8/7/09	11:20:00	1085	15.243	10.368	139.673	5175.327		139.673	5175.327
8/7/09	11:25:00	1090	15.244	10.370	139.671	5175.329		139.671	5175.329
8/7/09	11:30:00	1095	15.244	10.368	139.672	5175.328		139.672	5175.328
8/7/09	11:35:00	1100	15.243	10.370	139.673	5175.327		139.673	5175.327
8/7/09	11:40:00	1105	15.240	10.369	139.680	5175.320		139.680	5175.320
8/7/09	11:45:00	1110	15.242	10.370	139.676	5175.324		139.676	5175.324
8/7/09	11:50:00	1115	15.239	10.369	139.683	5175.317		139.683	5175.317
8/7/09	11:55:00	1120	15.243	10.369	139.674	5175.326		139.674	5175.326
8/7/09	12:00:00	1125	15.238	10.366	139.686	5175.314		139.686	5175.314
8/7/09	12:05:00	1130	15.242	10.365	139.677	5175.323		139.677	5175.323
8/7/09	12:10:00	1135	15.240	10.372	139.680	5175.320		139.680	5175.320
8/7/09	12:15:00	1140	15.242	10.374	139.675	5175.325		139.675	5175.325
8/7/09	12:20:00	1145	15.239	10.376	139.683	5175.317		139.683	5175.317
8/7/09	12:25:00	1150	15.239	10.373	139.684	5175.316		139.684	5175.316
8/7/09	12:30:00	1155	15.238	10.370	139.686	5175.314		139.686	5175.314
8/7/09	12:35:00	1160	15.239	10.371	139.682	5175.318		139.682	5175.318
8/7/09	12:40:00	1165	15.242	10.371	139.676	5175.324		139.676	5175.324
8/7/09	12:45:00	1170	15.242	10.373	139.676	5175.324		139.676	5175.324
8/7/09	12:50:00	1175	15.241	10.373	139.679	5175.321		139.679	5175.321
8/7/09	12:55:00	1180	15.241	10.369	139.677	5175.323		139.677	5175.323
8/7/09	13:00:00	1185	15.242	10.370	139.676	5175.324		139.676	5175.324
8/7/09	13:05:00	1190	15.242	10.370	139.676	5175.324		139.676	5175.324
8/7/09	13:10:00	1195	15.243	10.368	139.674	5175.326		139.674	5175.326
8/7/09	13:15:00	1200	15.243	10.368	139.673	5175.327		139.673	5175.327
8/7/09	13:20:00	1205	15.242	10.366	139.676	5175.324		139.676	5175.324
8/7/09	13:25:00	1210	15.238	10.367	139.685	5175.315		139.685	5175.315
8/7/09	13:30:00	1215	15.242	10.369	139.676	5175.324		139.676	5175.324
8/7/09	13:35:00	1220	15.241	10.369	139.678	5175.322		139.678	5175.322
8/7/09	13:40:00	1225	15.243	10.372	139.674	5175.326		139.674	5175.326
8/7/09	13:45:00	1230	15.245	10.370	139.670	5175.330		139.670	5175.330
8/7/09	13:50:00	1235	15.239	10.368	139.682	5175.318		139.682	5175.318
8/7/09	13:55:00	1240	15.244	10.367	139.671	5175.329		139.671	5175.329
8/7/09	14:00:00	1245	15.242	10.368	139.676	5175.324		139.676	5175.324
8/7/09	14:05:00	1250	15.242	10.370	139.675	5175.325		139.675	5175.325
8/7/09	14:10:00	1255	15.242	10.366	139.676	5175.324		139.676	5175.324
8/7/09	14:15:00	1260	15.244	10.369	139.671	5175.329		139.671	5175.329
8/7/09	14:20:00	1265	15.240	10.368	139.682	5175.318		139.682	5175.318
8/7/09	14:25:00	1270	15.241	10.367	139.678	5175.322		139.678	5175.322
8/7/09	14:30:00	1275	15.242	10.369	139.675	5175.325		139.675	5175.325
8/7/09	14:35:00	1280	15.243	10.368	139.673	5175.327		139.673	5175.327
8/7/09	14:40:00	1285	15.237	10.363	139.687	5175.313		139.687	5175.313
8/7/09	14:45:00	1290	15.242	10.365	139.675	5175.325		139.675	5175.325
8/7/09	14:50:00	1295	15.244	10.363	139.671	5175.329		139.671	5175.329
8/7/09	14:55:00	1300	15.241	10.368	139.679	5175.321		139.679	5175.321
8/7/09	15:00:00	1305	15.242	10.373	139.676	5175.324		139.676	5175.324
8/7/09	15:05:00	1310	15.244	10.367	139.672	5175.328		139.672	5175.328
8/7/09	15:10:00	1315	15.245	10.366	139.669	5175.331		139.669	5175.331
8/7/09	15:15:00	1320	15.244	10.364	139.671	5175.329		139.671	5175.329
8/7/09	15:20:00	1325	15.246	10.366	139.666	5175.334		139.666	5175.334
8/7/09	15:25:00	1330	15.243	10.364	139.673	5175.327		139.673	5175.327
8/7/09	15:30:00	1335	15.244	10.362	139.672	5175.328		139.672	5175.328
8/7/09	15:35:00	1340	15.243	10.363	139.674	5175.326		139.674	5175.326
8/7/09	15:40:00	1345	15.246	10.366	139.667	5175.333		139.667	5175.333

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/7/09	15:45:00	1350	15.244	10.370	139.672	5175.328	139.672	5175.328
8/7/09	15:50:00	1355	15.246	10.372	139.668	5175.332	139.668	5175.332
8/7/09	15:55:00	1360	15.245	10.374	139.669	5175.331	139.669	5175.331
8/7/09	16:00:00	1365	15.246	10.368	139.667	5175.333	139.667	5175.333
8/7/09	16:05:00	1370	15.247	10.364	139.664	5175.336	139.664	5175.336
8/7/09	16:10:00	1375	15.246	10.361	139.668	5175.332	139.668	5175.332
8/7/09	16:15:00	1380	15.247	10.359	139.665	5175.335	139.665	5175.335
8/7/09	16:20:00	1385	15.242	10.363	139.675	5175.325	139.675	5175.325
8/7/09	16:25:00	1390	15.246	10.362	139.666	5175.334	139.666	5175.334
8/7/09	16:30:00	1395	15.246	10.361	139.668	5175.332	139.668	5175.332
8/7/09	16:35:00	1400	15.247	10.362	139.665	5175.335	139.665	5175.335
8/7/09	16:40:00	1405	15.247	10.363	139.665	5175.335	139.665	5175.335
8/7/09	16:45:00	1410	15.248	10.366	139.661	5175.339	139.661	5175.339
8/7/09	16:50:00	1415	15.247	10.366	139.664	5175.336	139.664	5175.336
8/7/09	16:55:00	1420	15.249	10.367	139.660	5175.340	139.660	5175.340
8/7/09	17:00:00	1425	15.250	10.368	139.657	5175.343	139.657	5175.343
8/7/09	17:05:00	1430	15.249	10.372	139.659	5175.341	139.659	5175.341
8/7/09	17:10:00	1435	15.250	10.374	139.657	5175.343	139.657	5175.343
8/7/09	17:15:00	1440	15.250	10.372	139.658	5175.342	139.658	5175.342
8/7/09	17:20:00	1445	15.253	10.368	139.650	5175.350	139.650	5175.350
8/7/09	17:25:00	1450	15.252	10.365	139.654	5175.346	139.654	5175.346
8/7/09	17:30:00	1455	15.251	10.365	139.656	5175.344	139.656	5175.344
8/7/09	17:35:00	1460	15.252	10.368	139.654	5175.346	139.654	5175.346
8/7/09	17:40:00	1465	15.252	10.368	139.653	5175.347	139.653	5175.347
8/7/09	17:45:00	1470	15.253	10.365	139.651	5175.349	139.651	5175.349
8/7/09	17:50:00	1475	15.253	10.366	139.650	5175.350	139.650	5175.350
8/7/09	17:55:00	1480	15.255	10.365	139.647	5175.353	139.647	5175.353
8/7/09	18:00:00	1485	15.253	10.368	139.651	5175.349	139.651	5175.349
8/7/09	18:05:00	1490	15.255	10.367	139.646	5175.354	139.646	5175.354
8/7/09	18:10:00	1495	15.254	10.373	139.647	5175.353	139.647	5175.353
8/7/09	18:15:00	1500	15.255	10.371	139.645	5175.355	139.645	5175.355
8/7/09	18:20:00	1505	15.255	10.370	139.647	5175.353	139.647	5175.353
8/7/09	18:25:00	1510	15.255	10.366	139.646	5175.354	139.646	5175.354
8/7/09	18:30:00	1515	15.256	10.366	139.644	5175.356	139.644	5175.356
8/7/09	18:35:00	1520	15.255	10.364	139.646	5175.354	139.646	5175.354
8/7/09	18:40:00	1525	15.257	10.366	139.641	5175.359	139.641	5175.359
8/7/09	18:45:00	1530	15.257	10.366	139.641	5175.359	139.641	5175.359
8/7/09	18:50:00	1535	15.257	10.370	139.640	5175.360	139.640	5175.360
8/7/09	18:55:00	1540	15.257	10.365	139.642	5175.358	139.642	5175.358
8/7/09	19:00:00	1545	15.257	10.366	139.642	5175.358	139.642	5175.358
8/7/09	19:05:00	1550	15.259	10.364	139.637	5175.363	139.637	5175.363
8/7/09	19:10:00	1555	15.258	10.360	139.639	5175.361	139.639	5175.361
8/7/09	19:15:00	1560	15.254	10.366	139.648	5175.352	139.648	5175.352
8/7/09	19:20:00	1565	15.257	10.366	139.641	5175.359	139.641	5175.359
8/7/09	19:25:00	1570	15.259	10.369	139.637	5175.363	139.637	5175.363
8/7/09	19:30:00	1575	15.257	10.372	139.641	5175.359	139.641	5175.359
8/7/09	19:35:00	1580	15.257	10.372	139.640	5175.360	139.640	5175.360
8/7/09	19:40:00	1585	15.257	10.370	139.642	5175.358	139.642	5175.358
8/7/09	19:45:00	1590	15.255	10.368	139.647	5175.353	139.647	5175.353
8/7/09	19:50:00	1595	15.258	10.369	139.639	5175.361	139.639	5175.361
8/7/09	19:55:00	1600	15.253	10.373	139.650	5175.350	139.650	5175.350
8/7/09	20:00:00	1605	15.257	10.372	139.641	5175.359	139.641	5175.359
8/7/09	20:05:00	1610	15.254	10.370	139.647	5175.353	139.647	5175.353
8/7/09	20:10:00	1615	15.257	10.366	139.642	5175.358	139.642	5175.358

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/7/09	20:15:00	1620	15.257	10.363	139.640	5175.360	139.640	5175.360
8/7/09	20:20:00	1625	15.254	10.365	139.649	5175.351	139.649	5175.351
8/7/09	20:25:00	1630	15.254	10.365	139.649	5175.351	139.649	5175.351
8/7/09	20:30:00	1635	15.257	10.364	139.641	5175.359	139.641	5175.359
8/7/09	20:35:00	1640	15.256	10.364	139.644	5175.356	139.644	5175.356
8/7/09	20:40:00	1645	15.257	10.364	139.641	5175.359	139.641	5175.359
8/7/09	20:45:00	1650	15.257	10.362	139.642	5175.358	139.642	5175.358
8/7/09	20:50:00	1655	15.257	10.361	139.642	5175.358	139.642	5175.358
8/7/09	20:55:00	1660	15.255	10.360	139.646	5175.354	139.646	5175.354
8/7/09	21:00:00	1665	15.256	10.361	139.645	5175.355	139.645	5175.355
8/7/09	21:05:00	1670	15.256	10.359	139.644	5175.356	139.644	5175.356
8/7/09	21:10:00	1675	15.256	10.367	139.645	5175.355	139.645	5175.355
8/7/09	21:15:00	1680	15.256	10.370	139.643	5175.357	139.643	5175.357
8/7/09	21:20:00	1685	15.255	10.368	139.645	5175.355	139.645	5175.355
8/7/09	21:25:00	1690	15.255	10.368	139.646	5175.354	139.646	5175.354
8/7/09	21:30:00	1695	15.255	10.366	139.645	5175.355	139.645	5175.355
8/7/09	21:35:00	1700	15.253	10.365	139.650	5175.350	139.650	5175.350
8/7/09	21:40:00	1705	15.251	10.368	139.655	5175.345	139.655	5175.345
8/7/09	21:45:00	1710	15.254	10.369	139.649	5175.351	139.649	5175.351
8/7/09	21:50:00	1715	15.254	10.369	139.649	5175.351	139.649	5175.351
8/7/09	21:55:00	1720	15.253	10.365	139.650	5175.350	139.650	5175.350
8/7/09	22:00:00	1725	15.253	10.370	139.650	5175.350	139.650	5175.350
8/7/09	22:05:00	1730	15.252	10.371	139.654	5175.346	139.654	5175.346
8/7/09	22:10:00	1735	15.252	10.367	139.654	5175.346	139.654	5175.346
8/7/09	22:15:00	1740	15.248	10.367	139.662	5175.338	139.662	5175.338
8/7/09	22:20:00	1745	15.251	10.367	139.654	5175.346	139.654	5175.346
8/7/09	22:25:00	1750	15.251	10.371	139.655	5175.345	139.655	5175.345
8/7/09	22:30:00	1755	15.251	10.372	139.656	5175.344	139.656	5175.344
8/7/09	22:35:00	1760	15.249	10.375	139.660	5175.340	139.660	5175.340
8/7/09	22:40:00	1765	15.250	10.372	139.657	5175.343	139.657	5175.343
8/7/09	22:45:00	1770	15.250	10.370	139.658	5175.342	139.658	5175.342
8/7/09	22:50:00	1775	15.248	10.371	139.662	5175.338	139.662	5175.338
8/7/09	22:55:00	1780	15.249	10.372	139.660	5175.340	139.660	5175.340
8/7/09	23:00:00	1785	15.248	10.372	139.662	5175.338	139.662	5175.338
8/7/09	23:05:00	1790	15.247	10.370	139.664	5175.336	139.664	5175.336
8/7/09	23:10:00	1795	15.246	10.367	139.668	5175.332	139.668	5175.332
8/7/09	23:15:00	1800	15.245	10.367	139.669	5175.331	139.669	5175.331
8/7/09	23:20:00	1805	15.241	10.362	139.679	5175.321	139.679	5175.321
8/7/09	23:25:00	1810	15.243	10.362	139.674	5175.326	139.674	5175.326
8/7/09	23:30:00	1815	15.244	10.361	139.671	5175.329	139.671	5175.329
8/7/09	23:35:00	1820	15.242	10.363	139.676	5175.324	139.676	5175.324
8/7/09	23:40:00	1825	15.238	10.368	139.685	5175.315	139.685	5175.315
8/7/09	23:45:00	1830	15.238	10.369	139.685	5175.315	139.685	5175.315
8/7/09	23:50:00	1835	15.241	10.368	139.679	5175.321	139.679	5175.321
8/7/09	23:55:00	1840	15.237	10.366	139.688	5175.312	139.688	5175.312
8/8/09	0:00:00	1845	15.241	10.364	139.679	5175.321	139.679	5175.321
8/8/09	0:05:00	1850	15.236	10.365	139.690	5175.310	139.690	5175.310
8/8/09	0:10:00	1855	15.238	10.366	139.685	5175.315	139.685	5175.315
8/8/09	0:15:00	1860	15.238	10.369	139.685	5175.315	139.685	5175.315
8/8/09	0:20:00	1865	15.240	10.371	139.681	5175.319	139.681	5175.319
8/8/09	0:25:00	1870	15.238	10.367	139.686	5175.314	139.686	5175.314
8/8/09	0:30:00	1875	15.238	10.365	139.684	5175.316	139.684	5175.316
8/8/09	0:35:00	1880	15.238	10.365	139.686	5175.314	139.686	5175.314
8/8/09	0:40:00	1885	15.237	10.366	139.687	5175.313	139.687	5175.313

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/8/09	0:45:00	1890	15.236	10.364	139.689	5175.311	139.689	5175.311
8/8/09	0:50:00	1895	15.236	10.361	139.689	5175.311	139.689	5175.311
8/8/09	0:55:00	1900	15.236	10.363	139.691	5175.309	139.691	5175.309
8/8/09	1:00:00	1905	15.234	10.362	139.696	5175.304	139.696	5175.304
8/8/09	1:05:00	1910	15.234	10.359	139.694	5175.306	139.694	5175.306
8/8/09	1:10:00	1915	15.233	10.364	139.696	5175.304	139.696	5175.304
8/8/09	1:15:00	1920	15.230	10.365	139.703	5175.297	139.703	5175.297
8/8/09	1:20:00	1925	15.232	10.368	139.699	5175.301	139.699	5175.301
8/8/09	1:25:00	1930	15.232	10.367	139.698	5175.302	139.698	5175.302
8/8/09	1:30:00	1935	15.232	10.367	139.699	5175.301	139.699	5175.301
8/8/09	1:35:00	1940	15.232	10.366	139.700	5175.300	139.700	5175.300
8/8/09	1:40:00	1945	15.232	10.367	139.700	5175.300	139.700	5175.300
8/8/09	1:45:00	1950	15.230	10.364	139.704	5175.296	139.704	5175.296
8/8/09	1:50:00	1955	15.229	10.366	139.707	5175.293	139.707	5175.293
8/8/09	1:55:00	1960	15.231	10.364	139.701	5175.299	139.701	5175.299
8/8/09	2:00:00	1965	15.230	10.368	139.705	5175.295	139.705	5175.295
8/8/09	2:05:00	1970	15.228	10.372	139.708	5175.292	139.708	5175.292
8/8/09	2:10:00	1975	15.230	10.372	139.704	5175.296	139.704	5175.296
8/8/09	2:15:00	1980	15.228	10.373	139.708	5175.292	139.708	5175.292
8/8/09	2:20:00	1985	15.227	10.373	139.710	5175.290	139.710	5175.290
8/8/09	2:25:00	1990	15.228	10.367	139.708	5175.292	139.708	5175.292
8/8/09	2:30:00	1995	15.229	10.365	139.707	5175.293	139.707	5175.293
8/8/09	2:35:00	2000	15.227	10.370	139.710	5175.290	139.710	5175.290
8/8/09	2:40:00	2005	15.228	10.370	139.709	5175.291	139.709	5175.291
8/8/09	2:45:00	2010	15.227	10.376	139.711	5175.289	139.711	5175.289
8/8/09	2:50:00	2015	15.224	10.371	139.717	5175.283	139.717	5175.283
8/8/09	2:55:00	2020	15.226	10.368	139.712	5175.288	139.712	5175.288
8/8/09	3:00:00	2025	15.226	10.368	139.713	5175.287	139.713	5175.287
8/8/09	3:05:00	2030	15.226	10.365	139.714	5175.286	139.714	5175.286
8/8/09	3:10:00	2035	15.225	10.368	139.716	5175.284	139.716	5175.284
8/8/09	3:15:00	2040	15.227	10.373	139.710	5175.290	139.710	5175.290
8/8/09	3:20:00	2045	15.224	10.375	139.717	5175.283	139.717	5175.283
8/8/09	3:25:00	2050	15.227	10.373	139.712	5175.288	139.712	5175.288
8/8/09	3:30:00	2055	15.227	10.377	139.711	5175.289	139.711	5175.289
8/8/09	3:35:00	2060	15.225	10.378	139.715	5175.285	139.715	5175.285
8/8/09	3:40:00	2065	15.226	10.375	139.713	5175.287	139.713	5175.287
8/8/09	3:45:00	2070	15.218	10.377	139.731	5175.269	139.731	5175.269
8/8/09	3:50:00	2075	15.228	10.372	139.708	5175.292	139.708	5175.292
8/8/09	3:55:00	2080	15.226	10.367	139.713	5175.287	139.713	5175.287
8/8/09	4:00:00	2085	15.230	10.367	139.703	5175.297	139.703	5175.297
8/8/09	4:05:00	2090	15.231	10.366	139.701	5175.299	139.701	5175.299
8/8/09	4:10:00	2095	15.227	10.361	139.709	5175.291	139.709	5175.291
8/8/09	4:15:00	2100	15.232	10.360	139.700	5175.300	139.700	5175.300
8/8/09	4:20:00	2105	15.227	10.361	139.711	5175.289	139.711	5175.289
8/8/09	4:25:00	2110	15.227	10.362	139.711	5175.289	139.711	5175.289
8/8/09	4:30:00	2115	15.229	10.368	139.706	5175.294	139.706	5175.294
8/8/09	4:35:00	2120	15.225	10.371	139.714	5175.286	139.714	5175.286
8/8/09	4:40:00	2125	15.227	10.369	139.710	5175.290	139.710	5175.290
8/8/09	4:45:00	2130	15.228	10.368	139.709	5175.291	139.709	5175.291
8/8/09	4:50:00	2135	15.229	10.365	139.706	5175.294	139.706	5175.294
8/8/09	4:55:00	2140	15.228	10.363	139.708	5175.292	139.708	5175.292
8/8/09	5:00:00	2145	15.227	10.367	139.711	5175.289	139.711	5175.289
8/8/09	5:05:00	2150	15.227	10.367	139.710	5175.290	139.710	5175.290
8/8/09	5:10:00	2155	15.226	10.369	139.713	5175.287	139.713	5175.287

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/8/09	5:15:00	2160	15.226	10.371	139.713	5175.287		139.713	5175.287
8/8/09	5:20:00	2165	15.226	10.371	139.713	5175.287		139.713	5175.287
8/8/09	5:25:00	2170	15.226	10.370	139.713	5175.287		139.713	5175.287
8/8/09	5:30:00	2175	15.222	10.372	139.722	5175.278		139.722	5175.278
8/8/09	5:35:00	2180	15.224	10.372	139.717	5175.283		139.717	5175.283
8/8/09	5:40:00	2185	15.225	10.371	139.715	5175.285		139.715	5175.285
8/8/09	5:45:00	2190	15.223	10.373	139.721	5175.279		139.721	5175.279
8/8/09	5:50:00	2195	15.223	10.371	139.720	5175.280		139.720	5175.280
8/8/09	5:55:00	2200	15.219	10.372	139.729	5175.271		139.729	5175.271
8/8/09	6:00:00	2205	15.222	10.371	139.721	5175.279		139.721	5175.279
8/8/09	6:05:00	2210	15.223	10.370	139.720	5175.280		139.720	5175.280
8/8/09	6:10:00	2215	15.222	10.373	139.723	5175.277		139.723	5175.277
8/8/09	6:15:00	2220	15.222	10.368	139.722	5175.278		139.722	5175.278
8/8/09	6:20:00	2225	15.221	10.366	139.724	5175.276		139.724	5175.276
8/8/09	6:25:00	2230	15.219	10.368	139.728	5175.272		139.728	5175.272
8/8/09	6:30:00	2235	15.221	10.365	139.723	5175.277		139.723	5175.277
8/8/09	6:35:00	2240	15.224	10.366	139.718	5175.282		139.718	5175.282
8/8/09	6:40:00	2245	15.227	10.366	139.712	5175.288		139.712	5175.288
8/8/09	6:45:00	2250	15.228	10.368	139.709	5175.291		139.709	5175.291
8/8/09	6:50:00	2255	15.229	10.370	139.706	5175.294		139.706	5175.294
8/8/09	6:55:00	2260	15.229	10.366	139.706	5175.294		139.706	5175.294
8/8/09	7:00:00	2265	15.229	10.369	139.706	5175.294		139.706	5175.294
8/8/09	7:05:00	2270	15.231	10.367	139.702	5175.298		139.702	5175.298
8/8/09	7:10:00	2275	15.231	10.367	139.702	5175.298		139.702	5175.298
8/8/09	7:15:00	2280	15.229	10.371	139.706	5175.294		139.706	5175.294
8/8/09	7:20:00	2285	15.231	10.371	139.702	5175.298		139.702	5175.298
8/8/09	7:25:00	2290	15.231	10.374	139.702	5175.298		139.702	5175.298
8/8/09	7:30:00	2295	15.229	10.377	139.706	5175.294		139.706	5175.294
8/8/09	7:35:00	2300	15.230	10.379	139.704	5175.296		139.704	5175.296
8/8/09	7:40:00	2305	15.229	10.378	139.706	5175.294		139.706	5175.294
8/8/09	7:45:00	2310	15.229	10.380	139.707	5175.293		139.707	5175.293
8/8/09	7:50:00	2315	15.225	10.372	139.716	5175.284		139.716	5175.284
8/8/09	7:55:00	2320	15.224	10.372	139.716	5175.284		139.716	5175.284
8/8/09	8:00:00	2325	15.228	10.372	139.709	5175.291		139.709	5175.291
8/8/09	8:05:00	2330	15.225	10.372	139.715	5175.285		139.715	5175.285
8/8/09	8:10:00	2335	15.227	10.369	139.711	5175.289		139.711	5175.289
8/8/09	8:15:00	2340	15.223	10.375	139.721	5175.279		139.721	5175.279
8/8/09	8:20:00	2345	15.227	10.378	139.711	5175.289		139.711	5175.289
8/8/09	8:25:00	2350	15.225	10.375	139.714	5175.286		139.714	5175.286
8/8/09	8:30:00	2355	15.222	10.373	139.723	5175.277		139.723	5175.277
8/8/09	8:35:00	2360	15.222	10.373	139.722	5175.278		139.722	5175.278
8/8/09	8:40:00	2365	15.223	10.375	139.721	5175.279		139.721	5175.279
8/8/09	8:45:00	2370	15.224	10.376	139.719	5175.281		139.719	5175.281
8/8/09	8:50:00	2375	15.222	10.377	139.721	5175.279		139.721	5175.279
8/8/09	8:55:00	2380	15.222	10.376	139.723	5175.277		139.723	5175.277
8/8/09	9:00:00	2385	15.220	10.377	139.728	5175.272		139.728	5175.272
8/8/09	9:05:00	2390	15.223	10.378	139.721	5175.279		139.721	5175.279
8/8/09	9:10:00	2395	15.221	10.371	139.724	5175.276		139.724	5175.276
8/8/09	9:15:00	2400	15.216	10.371	139.736	5175.264		139.736	5175.264
8/8/09	9:20:00	2405	15.221	10.372	139.723	5175.277		139.723	5175.277
8/8/09	9:25:00	2410	15.220	10.374	139.727	5175.273		139.727	5175.273
8/8/09	9:30:00	2415	15.221	10.375	139.726	5175.274		139.726	5175.274
8/8/09	9:35:00	2420	15.218	10.374	139.731	5175.269		139.731	5175.269
8/8/09	9:40:00	2425	15.219	10.371	139.730	5175.270		139.730	5175.270

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/8/09	9:45:00	2430	15.219	10.369	139.730	5175.270	139.730	5175.270
8/8/09	9:50:00	2435	15.218	10.371	139.732	5175.268	139.732	5175.268
8/8/09	9:55:00	2440	15.218	10.373	139.731	5175.269	139.731	5175.269
8/8/09	10:00:00	2445	15.217	10.378	139.734	5175.266	139.734	5175.266
8/8/09	10:05:00	2450	15.217	10.379	139.735	5175.265	139.735	5175.265
8/8/09	10:10:00	2455	15.217	10.378	139.734	5175.266	139.734	5175.266
8/8/09	10:15:00	2460	15.217	10.376	139.733	5175.267	139.733	5175.267
8/8/09	10:20:00	2465	15.216	10.377	139.737	5175.263	139.737	5175.263
8/8/09	10:25:00	2470	15.217	10.375	139.734	5175.266	139.734	5175.266
8/8/09	10:30:00	2475	15.215	10.376	139.738	5175.262	139.738	5175.262
8/8/09	10:35:00	2480	15.215	10.371	139.738	5175.262	139.738	5175.262
8/8/09	10:40:00	2485	15.214	10.377	139.740	5175.260	139.740	5175.260
8/8/09	10:45:00	2490	15.216	10.377	139.737	5175.263	139.737	5175.263
8/8/09	10:50:00	2495	15.213	10.381	139.742	5175.258	139.742	5175.258
8/8/09	10:55:00	2500	15.211	10.376	139.748	5175.252	139.748	5175.252
8/8/09	11:00:00	2505	15.213	10.378	139.742	5175.258	139.742	5175.258
8/8/09	11:05:00	2510	15.212	10.374	139.745	5175.255	139.745	5175.255
8/8/09	11:10:00	2515	15.209	10.378	139.753	5175.247	139.753	5175.247
8/8/09	11:15:00	2520	15.214	10.378	139.741	5175.259	139.741	5175.259
8/8/09	11:20:00	2525	15.208	10.379	139.753	5175.247	139.753	5175.247
8/8/09	11:25:00	2530	15.214	10.377	139.741	5175.259	139.741	5175.259
8/8/09	11:30:00	2535	15.209	10.373	139.753	5175.247	139.753	5175.247
8/8/09	11:35:00	2540	15.209	10.377	139.752	5175.248	139.752	5175.248
8/8/09	11:40:00	2545	15.209	10.378	139.752	5175.248	139.752	5175.248
8/8/09	11:45:00	2550	15.208	10.377	139.753	5175.247	139.753	5175.247
8/8/09	11:50:00	2555	15.207	10.378	139.757	5175.243	139.757	5175.243
8/8/09	11:55:00	2560	15.209	10.376	139.753	5175.247	139.753	5175.247
8/8/09	12:00:00	2565	15.205	10.376	139.761	5175.239	139.761	5175.239
8/8/09	12:05:00	2570	15.207	10.378	139.758	5175.242	139.758	5175.242
8/8/09	12:10:00	2575	15.206	10.378	139.760	5175.240	139.760	5175.240
8/8/09	12:15:00	2580	15.206	10.379	139.759	5175.241	139.759	5175.241
8/8/09	12:20:00	2585	15.209	10.378	139.752	5175.248	139.752	5175.248
8/8/09	12:25:00	2590	15.205	10.378	139.760	5175.240	139.760	5175.240
8/8/09	12:30:00	2595	15.208	10.377	139.754	5175.246	139.754	5175.246
8/8/09	12:35:00	2600	15.202	10.377	139.767	5175.233	139.767	5175.233
8/8/09	12:40:00	2605	15.208	10.376	139.755	5175.245	139.755	5175.245
8/8/09	12:45:00	2610	15.207	10.375	139.757	5175.243	139.757	5175.243
8/8/09	12:50:00	2615	15.208	10.377	139.755	5175.245	139.755	5175.245
8/8/09	12:55:00	2620	15.205	10.377	139.762	5175.238	139.762	5175.238
8/8/09	13:00:00	2625	15.205	10.377	139.761	5175.239	139.761	5175.239
8/8/09	13:05:00	2630	15.208	10.378	139.754	5175.246	139.754	5175.246
8/8/09	13:10:00	2635	15.209	10.378	139.752	5175.248	139.752	5175.248
8/8/09	13:15:00	2640	15.209	10.381	139.751	5175.249	139.751	5175.249
8/8/09	13:20:00	2645	15.209	10.376	139.753	5175.247	139.753	5175.247
8/8/09	13:25:00	2650	15.208	10.375	139.754	5175.246	139.754	5175.246
8/8/09	13:30:00	2655	15.208	10.377	139.755	5175.245	139.755	5175.245
8/8/09	13:35:00	2660	15.207	10.377	139.758	5175.242	139.758	5175.242
8/8/09	13:40:00	2665	15.207	10.377	139.757	5175.243	139.757	5175.243
8/8/09	13:45:00	2670	15.207	10.373	139.756	5175.244	139.756	5175.244
8/8/09	13:50:00	2675	15.206	10.374	139.760	5175.240	139.760	5175.240
8/8/09	13:55:00	2680	15.209	10.373	139.753	5175.247	139.753	5175.247
8/8/09	14:00:00	2685	15.209	10.374	139.752	5175.248	139.752	5175.248
8/8/09	14:05:00	2690	15.209	10.372	139.752	5175.248	139.752	5175.248
8/8/09	14:10:00	2695	15.209	10.373	139.752	5175.248	139.752	5175.248



**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/8/09	14:15:00	2700	15.204	10.376	139.763	5175.237	139.763	5175.237
8/8/09	14:20:00	2705	15.206	10.374	139.759	5175.241	139.759	5175.241
8/8/09	14:25:00	2710	15.209	10.371	139.752	5175.248	139.752	5175.248
8/8/09	14:30:00	2715	15.209	10.374	139.752	5175.248	139.752	5175.248
8/8/09	14:35:00	2720	15.209	10.373	139.753	5175.247	139.753	5175.247
8/8/09	14:40:00	2725	15.211	10.378	139.748	5175.252	139.748	5175.252
8/8/09	14:45:00	2730	15.209	10.378	139.752	5175.248	139.752	5175.248
8/8/09	14:50:00	2735	15.211	10.378	139.748	5175.252	139.748	5175.252
8/8/09	14:55:00	2740	15.211	10.377	139.747	5175.253	139.747	5175.253
8/8/09	15:00:00	2745	15.211	10.377	139.747	5175.253	139.747	5175.253
8/8/09	15:05:00	2750	15.211	10.378	139.747	5175.253	139.747	5175.253
8/8/09	15:10:00	2755	15.211	10.376	139.746	5175.254	139.746	5175.254
8/8/09	15:15:00	2760	15.211	10.377	139.746	5175.254	139.746	5175.254
8/8/09	15:20:00	2765	15.212	10.378	139.744	5175.256	139.744	5175.256
8/8/09	15:25:00	2770	15.212	10.378	139.745	5175.255	139.745	5175.255
8/8/09	15:30:00	2775	15.212	10.379	139.745	5175.255	139.745	5175.255
8/8/09	15:35:00	2780	15.213	10.376	139.743	5175.257	139.743	5175.257
8/8/09	15:40:00	2785	15.208	10.375	139.756	5175.244	139.756	5175.244
8/8/09	15:45:00	2790	15.207	10.378	139.756	5175.244	139.756	5175.244
8/8/09	15:50:00	2795	15.211	10.378	139.747	5175.253	139.747	5175.253
8/8/09	15:55:00	2800	15.207	10.380	139.756	5175.244	139.756	5175.244
8/8/09	16:00:00	2805	15.209	10.380	139.752	5175.248	139.752	5175.248
8/8/09	16:05:00	2810	15.208	10.378	139.755	5175.245	139.755	5175.245
8/8/09	16:10:00	2815	15.207	10.377	139.756	5175.244	139.756	5175.244
8/8/09	16:15:00	2820	15.206	10.378	139.759	5175.241	139.759	5175.241
8/8/09	16:20:00	2825	15.212	10.376	139.746	5175.254	139.746	5175.254
8/8/09	16:25:00	2830	15.206	10.375	139.758	5175.242	139.758	5175.242
8/8/09	16:30:00	2835	15.208	10.378	139.753	5175.247	139.753	5175.247
8/8/09	16:35:00	2840	15.206	10.377	139.759	5175.241	139.759	5175.241
8/8/09	16:40:00	2845	15.210	10.378	139.751	5175.249	139.751	5175.249
8/8/09	16:45:00	2850	15.211	10.381	139.747	5175.253	139.747	5175.253
8/8/09	16:50:00	2855	15.211	10.379	139.749	5175.251	139.749	5175.251
8/8/09	16:55:00	2860	15.212	10.380	139.745	5175.255	139.745	5175.255
8/8/09	17:00:00	2865	15.210	10.381	139.749	5175.251	139.749	5175.251
8/8/09	17:05:00	2870	15.214	10.380	139.740	5175.260	139.740	5175.260
8/8/09	17:10:00	2875	15.214	10.382	139.741	5175.259	139.741	5175.259
8/8/09	17:15:00	2880	15.214	10.380	139.741	5175.259	139.741	5175.259
8/8/09	17:20:00	2885	15.214	10.383	139.740	5175.260	139.740	5175.260
8/8/09	17:25:00	2890	15.216	10.375	139.737	5175.263	139.737	5175.263
8/8/09	17:30:00	2895	15.212	10.378	139.744	5175.256	139.744	5175.256
8/8/09	17:35:00	2900	15.216	10.377	139.737	5175.263	139.737	5175.263
8/8/09	17:40:00	2905	15.217	10.376	139.734	5175.266	139.734	5175.266
8/8/09	17:45:00	2910	15.216	10.376	139.737	5175.263	139.737	5175.263
8/8/09	17:50:00	2915	15.216	10.379	139.737	5175.263	139.737	5175.263
8/8/09	17:55:00	2920	15.214	10.377	139.740	5175.260	139.740	5175.260
8/8/09	18:00:00	2925	15.216	10.381	139.735	5175.265	139.735	5175.265
8/8/09	18:05:00	2930	15.215	10.381	139.739	5175.261	139.739	5175.261
8/8/09	18:10:00	2935	15.215	10.378	139.739	5175.261	139.739	5175.261
8/8/09	18:15:00	2940	15.216	10.382	139.737	5175.263	139.737	5175.263
8/8/09	18:20:00	2945	15.215	10.379	139.737	5175.263	139.737	5175.263
8/8/09	18:25:00	2950	15.216	10.377	139.735	5175.265	139.735	5175.265
8/8/09	18:30:00	2955	15.214	10.378	139.740	5175.260	139.740	5175.260
8/8/09	18:35:00	2960	15.214	10.379	139.741	5175.259	139.741	5175.259
8/8/09	18:40:00	2965	15.215	10.379	139.737	5175.263	139.737	5175.263

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/8/09	18:45:00	2970	15.216	10.380	139.737	5175.263	139.737	5175.263
8/8/09	18:50:00	2975	15.216	10.383	139.736	5175.264	139.736	5175.264
8/8/09	18:55:00	2980	15.217	10.378	139.734	5175.266	139.734	5175.266
8/8/09	19:00:00	2985	15.215	10.381	139.737	5175.263	139.737	5175.263
8/8/09	19:05:00	2990	15.216	10.379	139.736	5175.264	139.736	5175.264
8/8/09	19:10:00	2995	15.214	10.381	139.742	5175.258	139.742	5175.258
8/8/09	19:15:00	3000	15.216	10.382	139.736	5175.264	139.736	5175.264
8/8/09	19:20:00	3005	15.218	10.383	139.732	5175.268	139.732	5175.268
8/8/09	19:25:00	3010	15.216	10.384	139.735	5175.265	139.735	5175.265
8/8/09	19:30:00	3015	15.217	10.382	139.734	5175.266	139.734	5175.266
8/8/09	19:35:00	3020	15.218	10.381	139.731	5175.269	139.731	5175.269
8/8/09	19:40:00	3025	15.213	10.382	139.742	5175.258	139.742	5175.258
8/8/09	19:45:00	3030	15.214	10.382	139.742	5175.258	139.742	5175.258
8/8/09	19:50:00	3035	15.217	10.379	139.735	5175.265	139.735	5175.265
8/8/09	19:55:00	3040	15.220	10.381	139.727	5175.273	139.727	5175.273
8/8/09	20:00:00	3045	15.216	10.378	139.735	5175.265	139.735	5175.265
8/8/09	20:05:00	3050	15.219	10.378	139.728	5175.272	139.728	5175.272
8/8/09	20:10:00	3055	15.218	10.379	139.731	5175.269	139.731	5175.269
8/8/09	20:15:00	3060	15.214	10.378	139.740	5175.260	139.740	5175.260
8/8/09	20:20:00	3065	15.219	10.379	139.728	5175.272	139.728	5175.272
8/8/09	20:25:00	3070	15.215	10.379	139.738	5175.262	139.738	5175.262
8/8/09	20:30:00	3075	15.217	10.379	139.733	5175.267	139.733	5175.267
8/8/09	20:35:00	3080	15.214	10.381	139.741	5175.259	139.741	5175.259
8/8/09	20:40:00	3085	15.217	10.376	139.734	5175.266	139.734	5175.266
8/8/09	20:45:00	3090	15.217	10.372	139.735	5175.265	139.735	5175.265
8/8/09	20:50:00	3095	15.217	10.365	139.735	5175.265	139.735	5175.265
8/8/09	20:55:00	3100	15.215	10.370	139.738	5175.262	139.738	5175.262
8/8/09	21:00:00	3105	15.215	10.369	139.739	5175.261	139.739	5175.261
8/8/09	21:05:00	3110	15.214	10.373	139.740	5175.260	139.740	5175.260
8/8/09	21:10:00	3115	15.214	10.372	139.740	5175.260	139.740	5175.260
8/8/09	21:15:00	3120	15.214	10.372	139.740	5175.260	139.740	5175.260
8/8/09	21:20:00	3125	15.210	10.375	139.749	5175.251	139.749	5175.251
8/8/09	21:25:00	3130	15.214	10.378	139.740	5175.260	139.740	5175.260
8/8/09	21:30:00	3135	15.211	10.374	139.746	5175.254	139.746	5175.254
8/8/09	21:35:00	3140	15.210	10.372	139.751	5175.249	139.751	5175.249
8/8/09	21:40:00	3145	15.213	10.371	139.743	5175.257	139.743	5175.257
8/8/09	21:45:00	3150	15.212	10.370	139.744	5175.256	139.744	5175.256
8/8/09	21:50:00	3155	15.213	10.369	139.743	5175.257	139.743	5175.257
8/8/09	21:55:00	3160	15.214	10.369	139.741	5175.259	139.741	5175.259
8/8/09	22:00:00	3165	15.209	10.369	139.752	5175.248	139.752	5175.248
8/8/09	22:05:00	3170	15.213	10.372	139.744	5175.256	139.744	5175.256
8/8/09	22:10:00	3175	15.212	10.370	139.745	5175.255	139.745	5175.255
8/8/09	22:15:00	3180	15.212	10.373	139.745	5175.255	139.745	5175.255
8/8/09	22:20:00	3185	15.212	10.374	139.746	5175.254	139.746	5175.254
8/8/09	22:25:00	3190	15.212	10.371	139.745	5175.255	139.745	5175.255
8/8/09	22:30:00	3195	15.210	10.370	139.751	5175.249	139.751	5175.249
8/8/09	22:35:00	3200	15.211	10.375	139.749	5175.251	139.749	5175.251
8/8/09	22:40:00	3205	15.210	10.375	139.749	5175.251	139.749	5175.251
8/8/09	22:45:00	3210	15.208	10.374	139.754	5175.246	139.754	5175.246
8/8/09	22:50:00	3215	15.208	10.373	139.754	5175.246	139.754	5175.246
8/8/09	22:55:00	3220	15.208	10.374	139.754	5175.246	139.754	5175.246
8/8/09	23:00:00	3225	15.208	10.371	139.755	5175.245	139.755	5175.245
8/8/09	23:05:00	3230	15.207	10.369	139.756	5175.244	139.756	5175.244
8/8/09	23:10:00	3235	15.206	10.372	139.758	5175.242	139.758	5175.242

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/8/09	23:15:00	3240	15.206	10.374	139.760	5175.240	139.760	5175.240
8/8/09	23:20:00	3245	15.206	10.372	139.759	5175.241	139.759	5175.241
8/8/09	23:25:00	3250	15.205	10.372	139.761	5175.239	139.761	5175.239
8/8/09	23:30:00	3255	15.204	10.376	139.763	5175.237	139.763	5175.237
8/8/09	23:35:00	3260	15.204	10.375	139.765	5175.235	139.765	5175.235
8/8/09	23:40:00	3265	15.200	10.373	139.773	5175.227	139.773	5175.227
8/8/09	23:45:00	3270	15.203	10.372	139.766	5175.234	139.766	5175.234
8/8/09	23:50:00	3275	15.198	10.373	139.777	5175.223	139.777	5175.223
8/8/09	23:55:00	3280	15.198	10.373	139.778	5175.222	139.778	5175.222
8/9/09	0:00:00	3285	15.198	10.372	139.778	5175.222	139.778	5175.222
8/9/09	0:05:00	3290	15.201	10.373	139.771	5175.229	139.771	5175.229
8/9/09	0:10:00	3295	15.202	10.375	139.769	5175.231	139.769	5175.231
8/9/09	0:15:00	3300	15.198	10.373	139.778	5175.222	139.778	5175.222
8/9/09	0:20:00	3305	15.196	10.377	139.781	5175.219	139.781	5175.219
8/9/09	0:25:00	3310	15.201	10.374	139.771	5175.229	139.771	5175.229
8/9/09	0:30:00	3315	15.196	10.376	139.781	5175.219	139.781	5175.219
8/9/09	0:35:00	3320	15.197	10.375	139.780	5175.220	139.780	5175.220
8/9/09	0:40:00	3325	15.200	10.376	139.774	5175.226	139.774	5175.226
8/9/09	0:45:00	3330	15.199	10.375	139.774	5175.226	139.774	5175.226
8/9/09	0:50:00	3335	15.199	10.375	139.775	5175.225	139.775	5175.225
8/9/09	0:55:00	3340	15.199	10.371	139.776	5175.224	139.776	5175.224
8/9/09	1:00:00	3345	15.198	10.371	139.779	5175.221	139.779	5175.221
8/9/09	1:05:00	3350	15.198	10.372	139.778	5175.222	139.778	5175.222
8/9/09	1:10:00	3355	15.199	10.373	139.776	5175.224	139.776	5175.224
8/9/09	1:15:00	3360	15.199	10.370	139.776	5175.224	139.776	5175.224
8/9/09	1:20:00	3365	15.197	10.375	139.779	5175.221	139.779	5175.221
8/9/09	1:25:00	3370	15.198	10.376	139.778	5175.222	139.778	5175.222
8/9/09	1:30:00	3375	15.193	10.379	139.788	5175.212	139.788	5175.212
8/9/09	1:35:00	3380	15.198	10.378	139.777	5175.223	139.777	5175.223
8/9/09	1:40:00	3385	15.197	10.377	139.780	5175.220	139.780	5175.220
8/9/09	1:45:00	3390	15.197	10.375	139.780	5175.220	139.780	5175.220
8/9/09	1:50:00	3395	15.197	10.377	139.781	5175.219	139.781	5175.219
8/9/09	1:55:00	3400	15.197	10.378	139.780	5175.220	139.780	5175.220
8/9/09	2:00:00	3405	15.197	10.381	139.780	5175.220	139.780	5175.220
8/9/09	2:05:00	3410	15.197	10.378	139.780	5175.220	139.780	5175.220
8/9/09	2:10:00	3415	15.197	10.380	139.780	5175.220	139.780	5175.220
8/9/09	2:15:00	3420	15.197	10.379	139.779	5175.221	139.779	5175.221
8/9/09	2:20:00	3425	15.198	10.377	139.777	5175.223	139.777	5175.223
8/9/09	2:25:00	3430	15.198	10.372	139.778	5175.222	139.778	5175.222
8/9/09	2:30:00	3435	15.199	10.370	139.776	5175.224	139.776	5175.224
8/9/09	2:35:00	3440	15.199	10.368	139.776	5175.224	139.776	5175.224
8/9/09	2:40:00	3445	15.197	10.371	139.779	5175.221	139.779	5175.221
8/9/09	2:45:00	3450	15.198	10.373	139.778	5175.222	139.778	5175.222
8/9/09	2:50:00	3455	15.199	10.374	139.776	5175.224	139.776	5175.224
8/9/09	2:55:00	3460	15.199	10.368	139.776	5175.224	139.776	5175.224
8/9/09	3:00:00	3465	15.198	10.373	139.777	5175.223	139.777	5175.223
8/9/09	3:05:00	3470	15.197	10.372	139.779	5175.221	139.779	5175.221
8/9/09	3:10:00	3475	15.199	10.368	139.776	5175.224	139.776	5175.224
8/9/09	3:15:00	3480	15.200	10.366	139.773	5175.227	139.773	5175.227
8/9/09	3:20:00	3485	15.199	10.367	139.775	5175.225	139.775	5175.225
8/9/09	3:25:00	3490	15.198	10.375	139.777	5175.223	139.777	5175.223
8/9/09	3:30:00	3495	15.199	10.378	139.776	5175.224	139.776	5175.224
8/9/09	3:35:00	3500	15.199	10.379	139.775	5175.225	139.775	5175.225
8/9/09	3:40:00	3505	15.199	10.379	139.776	5175.224	139.776	5175.224

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/9/09	3:45:00	3510	15.199	10.376	139.776	5175.224	139.776	5175.224
8/9/09	3:50:00	3515	15.200	10.377	139.773	5175.227	139.773	5175.227
8/9/09	3:55:00	3520	15.199	10.378	139.775	5175.225	139.775	5175.225
8/9/09	4:00:00	3525	15.200	10.377	139.773	5175.227	139.773	5175.227
8/9/09	4:05:00	3530	15.196	10.376	139.781	5175.219	139.781	5175.219
8/9/09	4:10:00	3535	15.199	10.372	139.776	5175.224	139.776	5175.224
8/9/09	4:15:00	3540	15.196	10.368	139.781	5175.219	139.781	5175.219
8/9/09	4:20:00	3545	15.199	10.369	139.776	5175.224	139.776	5175.224
8/9/09	4:25:00	3550	15.196	10.371	139.781	5175.219	139.781	5175.219
8/9/09	4:30:00	3555	15.195	10.372	139.785	5175.215	139.785	5175.215
8/9/09	4:35:00	3560	15.197	10.376	139.780	5175.220	139.780	5175.220
8/9/09	4:40:00	3565	15.200	10.373	139.772	5175.228	139.772	5175.228
8/9/09	4:45:00	3570	15.200	10.373	139.772	5175.228	139.772	5175.228
8/9/09	4:50:00	3575	15.200	10.374	139.772	5175.228	139.772	5175.228
8/9/09	4:55:00	3580	15.201	10.372	139.771	5175.229	139.771	5175.229
8/9/09	5:00:00	3585	15.201	10.373	139.771	5175.229	139.771	5175.229
8/9/09	5:05:00	3590	15.202	10.370	139.769	5175.231	139.769	5175.231
8/9/09	5:10:00	3595	15.201	10.374	139.770	5175.230	139.770	5175.230
8/9/09	5:15:00	3600	15.201	10.371	139.770	5175.230	139.770	5175.230
8/9/09	5:20:00	3605	15.201	10.372	139.771	5175.229	139.771	5175.229
8/9/09	5:25:00	3610	15.200	10.373	139.772	5175.228	139.772	5175.228
8/9/09	5:30:00	3615	15.200	10.376	139.773	5175.227	139.773	5175.227
8/9/09	5:35:00	3620	15.202	10.373	139.769	5175.231	139.769	5175.231
8/9/09	5:40:00	3625	15.196	10.376	139.782	5175.218	139.782	5175.218
8/9/09	5:45:00	3630	15.199	10.371	139.775	5175.225	139.775	5175.225
8/9/09	5:50:00	3635	15.200	10.377	139.773	5175.227	139.773	5175.227
8/9/09	5:55:00	3640	15.201	10.373	139.770	5175.230	139.770	5175.230
8/9/09	6:00:00	3645	15.200	10.374	139.773	5175.227	139.773	5175.227
8/9/09	6:05:00	3650	15.202	10.374	139.767	5175.233	139.767	5175.233
8/9/09	6:10:00	3655	15.202	10.376	139.768	5175.232	139.768	5175.232
8/9/09	6:15:00	3660	15.204	10.376	139.763	5175.237	139.763	5175.237
8/9/09	6:20:00	3665	15.202	10.376	139.768	5175.232	139.768	5175.232
8/9/09	6:25:00	3670	15.203	10.377	139.766	5175.234	139.766	5175.234
8/9/09	6:30:00	3675	15.204	10.378	139.764	5175.236	139.764	5175.236
8/9/09	6:35:00	3680	15.204	10.375	139.765	5175.235	139.765	5175.235
8/9/09	6:40:00	3685	15.205	10.375	139.761	5175.239	139.761	5175.239
8/9/09	6:45:00	3690	15.204	10.374	139.764	5175.236	139.764	5175.236
8/9/09	6:50:00	3695	15.204	10.375	139.763	5175.237	139.763	5175.237
8/9/09	6:55:00	3700	15.204	10.373	139.764	5175.236	139.764	5175.236
8/9/09	7:00:00	3705	15.204	10.369	139.764	5175.236	139.764	5175.236
8/9/09	7:05:00	3710	15.206	10.370	139.759	5175.241	139.759	5175.241
8/9/09	7:10:00	3715	15.205	10.373	139.760	5175.240	139.760	5175.240
8/9/09	7:15:00	3720	15.206	10.375	139.759	5175.241	139.759	5175.241
8/9/09	7:20:00	3725	15.205	10.376	139.761	5175.239	139.761	5175.239
8/9/09	7:25:00	3730	15.206	10.376	139.760	5175.240	139.760	5175.240
8/9/09	7:30:00	3735	15.207	10.378	139.758	5175.242	139.758	5175.242
8/9/09	7:35:00	3740	15.206	10.373	139.760	5175.240	139.760	5175.240
8/9/09	7:40:00	3745	15.204	10.375	139.765	5175.235	139.765	5175.235
8/9/09	7:45:00	3750	15.203	10.376	139.767	5175.233	139.767	5175.233
8/9/09	7:50:00	3755	15.206	10.376	139.760	5175.240	139.760	5175.240
8/9/09	7:55:00	3760	15.204	10.375	139.764	5175.236	139.764	5175.236
8/9/09	8:00:00	3765	15.204	10.372	139.765	5175.235	139.765	5175.235
8/9/09	8:05:00	3770	15.206	10.371	139.760	5175.240	139.760	5175.240
8/9/09	8:10:00	3775	15.206	10.368	139.758	5175.242	139.758	5175.242

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/9/09	8:15:00	3780	15.202	10.372	139.768	5175.232		139.768	5175.232
8/9/09	8:20:00	3785	15.206	10.371	139.758	5175.242		139.758	5175.242
8/9/09	8:25:00	3790	15.203	10.373	139.766	5175.234		139.766	5175.234
8/9/09	8:30:00	3795	15.207	10.372	139.758	5175.242		139.758	5175.242
8/9/09	8:35:00	3800	15.207	10.371	139.757	5175.243		139.757	5175.243
8/9/09	8:40:00	3805	15.206	10.375	139.759	5175.241		139.759	5175.241
8/9/09	8:45:00	3810	15.204	10.372	139.764	5175.236		139.764	5175.236
8/9/09	8:50:00	3815	15.208	10.371	139.754	5175.246		139.754	5175.246
8/9/09	8:55:00	3820	15.207	10.374	139.757	5175.243		139.757	5175.243
8/9/09	9:00:00	3825	15.207	10.379	139.758	5175.242		139.758	5175.242
8/9/09	9:05:00	3830	15.207	10.379	139.756	5175.244		139.756	5175.244
8/9/09	9:10:00	3835	15.207	10.382	139.758	5175.242		139.758	5175.242
8/9/09	9:15:00	3840	15.207	10.378	139.757	5175.243		139.757	5175.243
8/9/09	9:20:00	3845	15.208	10.373	139.755	5175.245		139.755	5175.245
8/9/09	9:25:00	3850	15.208	10.370	139.754	5175.246		139.754	5175.246
8/9/09	9:30:00	3855	15.208	10.374	139.755	5175.245		139.755	5175.245
8/9/09	9:35:00	3860	15.207	10.373	139.756	5175.244		139.756	5175.244
8/9/09	9:40:00	3865	15.206	10.375	139.759	5175.241		139.759	5175.241
8/9/09	9:45:00	3870	15.206	10.376	139.758	5175.242		139.758	5175.242
8/9/09	9:50:00	3875	15.206	10.376	139.760	5175.240		139.760	5175.240
8/9/09	9:55:00	3880	15.206	10.376	139.759	5175.241		139.759	5175.241
8/9/09	10:00:00	3885	15.204	10.379	139.764	5175.236		139.764	5175.236
8/9/09	10:05:00	3890	15.206	10.378	139.760	5175.240		139.760	5175.240
8/9/09	10:10:00	3895	15.208	10.373	139.756	5175.244		139.756	5175.244
8/9/09	10:15:00	3900	15.206	10.372	139.759	5175.241		139.759	5175.241
8/9/09	10:20:00	3905	15.204	10.375	139.763	5175.237		139.763	5175.237
8/9/09	10:25:00	3910	15.206	10.375	139.758	5175.242		139.758	5175.242
8/9/09	10:30:00	3915	15.206	10.372	139.759	5175.241		139.759	5175.241
8/9/09	10:35:00	3920	15.205	10.372	139.761	5175.239		139.761	5175.239
8/9/09	10:40:00	3925	15.205	10.374	139.762	5175.238		139.762	5175.238
8/9/09	10:45:00	3930	15.203	10.374	139.766	5175.234		139.766	5175.234
8/9/09	10:50:00	3935	15.205	10.374	139.762	5175.238		139.762	5175.238
8/9/09	10:55:00	3940	15.203	10.374	139.765	5175.235		139.765	5175.235
8/9/09	11:00:00	3945	15.204	10.375	139.763	5175.237		139.763	5175.237
8/9/09	11:05:00	3950	15.204	10.375	139.764	5175.236		139.764	5175.236
8/9/09	11:10:00	3955	15.204	10.374	139.764	5175.236		139.764	5175.236
8/9/09	11:15:00	3960	15.203	10.374	139.766	5175.234		139.766	5175.234
8/9/09	11:20:00	3965	15.202	10.375	139.767	5175.233		139.767	5175.233
8/9/09	11:25:00	3970	15.203	10.375	139.766	5175.234		139.766	5175.234
8/9/09	11:30:00	3975	15.202	10.373	139.768	5175.232		139.768	5175.232
8/9/09	11:35:00	3980	15.201	10.375	139.770	5175.230		139.770	5175.230
8/9/09	11:40:00	3985	15.200	10.378	139.772	5175.228		139.772	5175.228
8/9/09	11:45:00	3990	15.199	10.381	139.775	5175.225		139.775	5175.225
8/9/09	11:50:00	3995	15.196	10.377	139.782	5175.218		139.782	5175.218
8/9/09	11:55:00	4000	15.197	10.377	139.780	5175.220		139.780	5175.220
8/9/09	12:00:00	4005	15.200	10.380	139.773	5175.227		139.773	5175.227
8/9/09	12:05:00	4010	15.199	10.380	139.775	5175.225		139.775	5175.225
8/9/09	12:10:00	4015	15.200	10.381	139.773	5175.227		139.773	5175.227
8/9/09	12:15:00	4020	15.195	10.380	139.785	5175.215		139.785	5175.215
8/9/09	12:20:00	4025	15.196	10.372	139.782	5175.218		139.782	5175.218
8/9/09	12:25:00	4030	15.195	10.370	139.785	5175.215		139.785	5175.215
8/9/09	12:30:00	4035	15.194	10.370	139.786	5175.214		139.786	5175.214
8/9/09	12:35:00	4040	15.195	10.371	139.785	5175.215		139.785	5175.215
8/9/09	12:40:00	4045	15.198	10.376	139.777	5175.223		139.777	5175.223

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/9/09	12:45:00	4050	15.197	10.378	139.780	5175.220	139.780	5175.220
8/9/09	12:50:00	4055	15.198	10.378	139.777	5175.223	139.777	5175.223
8/9/09	12:55:00	4060	15.196	10.379	139.781	5175.219	139.781	5175.219
8/9/09	13:00:00	4065	15.193	10.378	139.790	5175.210	139.790	5175.210
8/9/09	13:05:00	4070	15.196	10.382	139.782	5175.218	139.782	5175.218
8/9/09	13:10:00	4075	15.195	10.378	139.785	5175.215	139.785	5175.215
8/9/09	13:15:00	4080	15.196	10.378	139.782	5175.218	139.782	5175.218
8/9/09	13:20:00	4085	15.196	10.378	139.783	5175.217	139.783	5175.217
8/9/09	13:25:00	4090	15.195	10.372	139.784	5175.216	139.784	5175.216
8/9/09	13:30:00	4095	15.195	10.370	139.785	5175.215	139.785	5175.215
8/9/09	13:35:00	4100	15.195	10.370	139.784	5175.216	139.784	5175.216
8/9/09	13:40:00	4105	15.190	10.374	139.795	5175.205	139.795	5175.205
8/9/09	13:45:00	4110	15.194	10.375	139.787	5175.213	139.787	5175.213
8/9/09	13:50:00	4115	15.194	10.378	139.787	5175.213	139.787	5175.213
8/9/09	13:55:00	4120	15.194	10.375	139.787	5175.213	139.787	5175.213
8/9/09	14:00:00	4125	15.193	10.375	139.790	5175.210	139.790	5175.210
8/9/09	14:05:00	4130	15.192	10.375	139.791	5175.209	139.791	5175.209
8/9/09	14:10:00	4135	15.191	10.373	139.794	5175.206	139.794	5175.206
8/9/09	14:15:00	4140	15.192	10.369	139.790	5175.210	139.790	5175.210
8/9/09	14:20:00	4145	15.189	10.369	139.799	5175.201	139.799	5175.201
8/9/09	14:25:00	4150	15.192	10.368	139.791	5175.209	139.791	5175.209
8/9/09	14:30:00	4155	15.190	10.370	139.795	5175.205	139.795	5175.205
8/9/09	14:35:00	4160	15.191	10.372	139.794	5175.206	139.794	5175.206
8/9/09	14:40:00	4165	15.189	10.376	139.797	5175.203	139.797	5175.203
8/9/09	14:45:00	4170	15.188	10.376	139.801	5175.199	139.801	5175.199
8/9/09	14:50:00	4175	15.191	10.372	139.793	5175.207	139.793	5175.207
8/9/09	14:55:00	4180	15.191	10.374	139.793	5175.207	139.793	5175.207
8/9/09	15:00:00	4185	15.192	10.374	139.791	5175.209	139.791	5175.209
8/9/09	15:05:00	4190	15.187	10.373	139.803	5175.197	139.803	5175.197
8/9/09	15:10:00	4195	15.187	10.372	139.802	5175.198	139.802	5175.198
8/9/09	15:15:00	4200	15.191	10.373	139.793	5175.207	139.793	5175.207
8/9/09	15:20:00	4205	15.190	10.374	139.796	5175.204	139.796	5175.204
8/9/09	15:25:00	4210	15.191	10.373	139.793	5175.207	139.793	5175.207
8/9/09	15:30:00	4215	15.190	10.374	139.796	5175.204	139.796	5175.204
8/9/09	15:35:00	4220	15.191	10.372	139.795	5175.205	139.795	5175.205
8/9/09	15:40:00	4225	15.189	10.371	139.799	5175.201	139.799	5175.201
8/9/09	15:45:00	4230	15.192	10.369	139.791	5175.209	139.791	5175.209
8/9/09	15:50:00	4235	15.189	10.370	139.799	5175.201	139.799	5175.201
8/9/09	15:55:00	4240	15.190	10.368	139.795	5175.205	139.795	5175.205
8/9/09	16:00:00	4245	15.193	10.371	139.789	5175.211	139.789	5175.211
8/9/09	16:05:00	4250	15.189	10.372	139.799	5175.201	139.799	5175.201
8/9/09	16:10:00	4255	15.191	10.372	139.793	5175.207	139.793	5175.207
8/9/09	16:15:00	4260	15.192	10.370	139.791	5175.209	139.791	5175.209
8/9/09	16:20:00	4265	15.189	10.373	139.799	5175.201	139.799	5175.201
8/9/09	16:25:00	4270	15.188	10.374	139.800	5175.200	139.800	5175.200
8/9/09	16:30:00	4275	15.188	10.376	139.800	5175.200	139.800	5175.200
8/9/09	16:35:00	4280	15.189	10.375	139.799	5175.201	139.799	5175.201
8/9/09	16:40:00	4285	15.193	10.372	139.789	5175.211	139.789	5175.211
8/9/09	16:45:00	4290	15.193	10.371	139.789	5175.211	139.789	5175.211
8/9/09	16:50:00	4295	15.193	10.371	139.790	5175.210	139.790	5175.210
8/9/09	16:55:00	4300	15.190	10.372	139.796	5175.204	139.796	5175.204
8/9/09	17:00:00	4305	15.195	10.369	139.785	5175.215	139.785	5175.215
8/9/09	17:05:00	4310	15.194	10.369	139.787	5175.213	139.787	5175.213
8/9/09	17:10:00	4315	15.192	10.372	139.792	5175.208	139.792	5175.208

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/9/09	17:15:00	4320	15.190	10.372	139.796	5175.204		139.796	5175.204
8/9/09	17:20:00	4325	15.194	10.372	139.786	5175.214		139.786	5175.214
8/9/09	17:25:00	4330	15.193	10.372	139.789	5175.211		139.789	5175.211
8/9/09	17:30:00	4335	15.194	10.372	139.786	5175.214		139.786	5175.214
8/9/09	17:35:00	4340	15.194	10.372	139.787	5175.213		139.787	5175.213
8/9/09	17:40:00	4345	15.194	10.375	139.787	5175.213		139.787	5175.213
8/9/09	17:45:00	4350	15.195	10.375	139.784	5175.216		139.784	5175.216
8/9/09	17:50:00	4355	15.195	10.375	139.784	5175.216		139.784	5175.216
8/9/09	17:55:00	4360	15.195	10.373	139.784	5175.216		139.784	5175.216
8/9/09	18:00:00	4365	15.191	10.374	139.793	5175.207		139.793	5175.207
8/9/09	18:05:00	4370	15.192	10.375	139.791	5175.209		139.791	5175.209
8/9/09	18:10:00	4375	15.196	10.378	139.783	5175.217		139.783	5175.217
8/9/09	18:15:00	4380	15.196	10.377	139.782	5175.218		139.782	5175.218
8/9/09	18:20:00	4385	15.197	10.374	139.781	5175.219		139.781	5175.219
8/9/09	18:25:00	4390	15.196	10.374	139.783	5175.217		139.783	5175.217
8/9/09	18:30:00	4395	15.197	10.377	139.780	5175.220		139.780	5175.220
8/9/09	18:35:00	4400	15.191	10.376	139.793	5175.207		139.793	5175.207
8/9/09	18:40:00	4405	15.196	10.378	139.782	5175.218		139.782	5175.218
8/9/09	18:45:00	4410	15.197	10.372	139.780	5175.220		139.780	5175.220
8/9/09	18:50:00	4415	15.198	10.377	139.778	5175.222		139.778	5175.222
8/9/09	18:55:00	4420	15.195	10.369	139.785	5175.215		139.785	5175.215
8/9/09	19:00:00	4425	15.199	10.366	139.776	5175.224		139.776	5175.224
8/9/09	19:05:00	4430	15.199	10.369	139.776	5175.224		139.776	5175.224
8/9/09	19:10:00	4435	15.196	10.371	139.782	5175.218		139.782	5175.218
8/9/09	19:15:00	4440	15.197	10.375	139.780	5175.220		139.780	5175.220
8/9/09	19:20:00	4445	15.199	10.377	139.776	5175.224		139.776	5175.224
8/9/09	19:25:00	4450	15.198	10.377	139.778	5175.222		139.778	5175.222
8/9/09	19:30:00	4455	15.199	10.378	139.775	5175.225		139.775	5175.225
8/9/09	19:35:00	4460	15.195	10.374	139.786	5175.214		139.786	5175.214
8/9/09	19:40:00	4465	15.196	10.374	139.781	5175.219		139.781	5175.219
8/9/09	19:45:00	4470	15.195	10.372	139.784	5175.216		139.784	5175.216
8/9/09	19:50:00	4475	15.197	10.368	139.779	5175.221		139.779	5175.221
8/9/09	19:55:00	4480	15.196	10.369	139.783	5175.217		139.783	5175.217
8/9/09	20:00:00	4485	15.196	10.370	139.782	5175.218		139.782	5175.218
8/9/09	20:05:00	4490	15.198	10.370	139.777	5175.223		139.777	5175.223
8/9/09	20:10:00	4495	15.194	10.373	139.787	5175.213		139.787	5175.213
8/9/09	20:15:00	4500	15.194	10.373	139.786	5175.214		139.786	5175.214
8/9/09	20:20:00	4505	15.194	10.373	139.786	5175.214		139.786	5175.214
8/9/09	20:25:00	4510	15.195	10.374	139.784	5175.216		139.784	5175.216
8/9/09	20:30:00	4515	15.199	10.375	139.776	5175.224		139.776	5175.224
8/9/09	20:35:00	4520	15.193	10.373	139.788	5175.212		139.788	5175.212
8/9/09	20:40:00	4525	15.198	10.375	139.778	5175.222		139.778	5175.222
8/9/09	20:45:00	4530	15.198	10.372	139.778	5175.222		139.778	5175.222
8/9/09	20:50:00	4535	15.197	10.375	139.780	5175.220		139.780	5175.220
8/9/09	20:55:00	4540	15.194	10.373	139.788	5175.212		139.788	5175.212
8/9/09	21:00:00	4545	15.197	10.373	139.781	5175.219		139.781	5175.219
8/9/09	21:05:00	4550	15.197	10.373	139.780	5175.220		139.780	5175.220
8/9/09	21:10:00	4555	15.192	10.374	139.791	5175.209		139.791	5175.209
8/9/09	21:15:00	4560	15.196	10.371	139.782	5175.218		139.782	5175.218
8/9/09	21:20:00	4565	15.196	10.376	139.782	5175.218		139.782	5175.218
8/9/09	21:25:00	4570	15.194	10.375	139.786	5175.214		139.786	5175.214
8/9/09	21:30:00	4575	15.195	10.377	139.785	5175.215		139.785	5175.215
8/9/09	21:35:00	4580	15.194	10.377	139.787	5175.213		139.787	5175.213
8/9/09	21:40:00	4585	15.195	10.375	139.785	5175.215		139.785	5175.215

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792: SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/9/09	21:45:00	4590	15.194	10.370	139.787	5175.213	139.787	5175.213
8/9/09	21:50:00	4595	15.194	10.374	139.787	5175.213	139.787	5175.213
8/9/09	21:55:00	4600	15.193	10.373	139.789	5175.211	139.789	5175.211
8/9/09	22:00:00	4605	15.193	10.373	139.790	5175.210	139.790	5175.210
8/9/09	22:05:00	4610	15.193	10.377	139.790	5175.210	139.790	5175.210
8/9/09	22:10:00	4615	15.191	10.379	139.795	5175.205	139.795	5175.205
8/9/09	22:15:00	4620	15.192	10.378	139.792	5175.208	139.792	5175.208
8/9/09	22:20:00	4625	15.191	10.379	139.794	5175.206	139.794	5175.206
8/9/09	22:25:00	4630	15.188	10.372	139.800	5175.200	139.800	5175.200
8/9/09	22:30:00	4635	15.190	10.372	139.795	5175.205	139.795	5175.205
8/9/09	22:35:00	4640	15.190	10.372	139.797	5175.203	139.797	5175.203
8/9/09	22:40:00	4645	15.189	10.375	139.798	5175.202	139.798	5175.202
8/9/09	22:45:00	4650	15.189	10.378	139.798	5175.202	139.798	5175.202
8/9/09	22:50:00	4655	15.189	10.378	139.799	5175.201	139.799	5175.201
8/9/09	22:55:00	4660	15.189	10.375	139.799	5175.201	139.799	5175.201
8/9/09	23:00:00	4665	15.188	10.374	139.801	5175.199	139.801	5175.199
8/9/09	23:05:00	4670	15.184	10.374	139.810	5175.190	139.810	5175.190
8/9/09	23:10:00	4675	15.187	10.377	139.803	5175.197	139.803	5175.197
8/9/09	23:15:00	4680	15.187	10.378	139.804	5175.196	139.804	5175.196
8/9/09	23:20:00	4685	15.186	10.379	139.805	5175.195	139.805	5175.195
8/9/09	23:25:00	4690	15.183	10.377	139.812	5175.188	139.812	5175.188
8/9/09	23:30:00	4695	15.182	10.377	139.815	5175.185	139.815	5175.185
8/9/09	23:35:00	4700	15.182	10.376	139.814	5175.186	139.814	5175.186
8/9/09	23:40:00	4705	15.183	10.374	139.813	5175.187	139.813	5175.187
8/9/09	23:45:00	4710	15.184	10.371	139.809	5175.191	139.809	5175.191
8/9/09	23:50:00	4715	15.185	10.371	139.809	5175.191	139.809	5175.191
8/9/09	23:55:00	4720	15.186	10.373	139.804	5175.196	139.804	5175.196
8/10/09	0:00:00	4725	15.180	10.370	139.819	5175.181	139.819	5175.181
8/10/09	0:05:00	4730	15.180	10.373	139.819	5175.181	139.819	5175.181
8/10/09	0:10:00	4735	15.183	10.373	139.811	5175.189	139.811	5175.189
8/10/09	0:15:00	4740	15.180	10.372	139.820	5175.180	139.820	5175.180
8/10/09	0:20:00	4745	15.179	10.372	139.823	5175.177	139.823	5175.177
8/10/09	0:25:00	4750	15.180	10.371	139.820	5175.180	139.820	5175.180
8/10/09	0:30:00	4755	15.179	10.369	139.820	5175.180	139.820	5175.180
8/10/09	0:35:00	4760	15.179	10.373	139.822	5175.178	139.822	5175.178
8/10/09	0:40:00	4765	15.181	10.371	139.817	5175.183	139.817	5175.183
8/10/09	0:45:00	4770	15.182	10.370	139.814	5175.186	139.814	5175.186
8/10/09	0:50:00	4775	15.180	10.371	139.818	5175.182	139.818	5175.182
8/10/09	0:55:00	4780	15.181	10.372	139.816	5175.184	139.816	5175.184
8/10/09	1:00:00	4785	15.179	10.372	139.822	5175.178	139.822	5175.178
8/10/09	1:05:00	4790	15.175	10.373	139.831	5175.169	139.831	5175.169
8/10/09	1:10:00	4795	15.180	10.372	139.820	5175.180	139.820	5175.180
8/10/09	1:15:00	4800	15.179	10.373	139.820	5175.180	139.820	5175.180
8/10/09	1:20:00	4805	15.179	10.375	139.821	5175.179	139.821	5175.179
8/10/09	1:25:00	4810	15.174	10.372	139.832	5175.168	139.832	5175.168
8/10/09	1:30:00	4815	15.177	10.372	139.825	5175.175	139.825	5175.175
8/10/09	1:35:00	4820	15.179	10.374	139.821	5175.179	139.821	5175.179
8/10/09	1:40:00	4825	15.175	10.376	139.830	5175.170	139.830	5175.170
8/10/09	1:45:00	4830	15.179	10.375	139.822	5175.178	139.822	5175.178
8/10/09	1:50:00	4835	15.174	10.378	139.832	5175.168	139.832	5175.168
8/10/09	1:55:00	4840	15.178	10.373	139.823	5175.177	139.823	5175.177
8/10/09	2:00:00	4845	15.178	10.375	139.823	5175.177	139.823	5175.177
8/10/09	2:05:00	4850	15.179	10.374	139.821	5175.179	139.821	5175.179
8/10/09	2:10:00	4855	15.178	10.376	139.823	5175.177	139.823	5175.177



**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792; Temp - C	SN#: 137922; DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/10/09	2:15:00	4860	15.175	10.369	139.831	5175.169		139.831	5175.169
8/10/09	2:20:00	4865	15.177	10.368	139.826	5175.174		139.826	5175.174
8/10/09	2:25:00	4870	15.178	10.371	139.823	5175.177		139.823	5175.177
8/10/09	2:30:00	4875	15.175	10.371	139.832	5175.168		139.832	5175.168
8/10/09	2:35:00	4880	15.174	10.375	139.834	5175.166		139.834	5175.166
8/10/09	2:40:00	4885	15.175	10.377	139.830	5175.170		139.830	5175.170
8/10/09	2:45:00	4890	15.177	10.374	139.826	5175.174		139.826	5175.174
8/10/09	2:50:00	4895	15.175	10.370	139.830	5175.170		139.830	5175.170
8/10/09	2:55:00	4900	15.173	10.369	139.835	5175.165		139.835	5175.165
8/10/09	3:00:00	4905	15.177	10.367	139.825	5175.175		139.825	5175.175
8/10/09	3:05:00	4910	15.173	10.374	139.835	5175.165		139.835	5175.165
8/10/09	3:10:00	4915	15.176	10.371	139.829	5175.171		139.829	5175.171
8/10/09	3:15:00	4920	15.174	10.371	139.833	5175.167		139.833	5175.167
8/10/09	3:20:00	4925	15.176	10.369	139.828	5175.172		139.828	5175.172
8/10/09	3:25:00	4930	15.177	10.368	139.827	5175.173		139.827	5175.173
8/10/09	3:30:00	4935	15.176	10.371	139.827	5175.173		139.827	5175.173
8/10/09	3:35:00	4940	15.177	10.371	139.827	5175.173		139.827	5175.173
8/10/09	3:40:00	4945	15.176	10.368	139.829	5175.171		139.829	5175.171
8/10/09	3:45:00	4950	15.172	10.371	139.837	5175.163		139.837	5175.163
8/10/09	3:50:00	4955	15.173	10.372	139.835	5175.165		139.835	5175.165
8/10/09	3:55:00	4960	15.172	10.373	139.837	5175.163		139.837	5175.163
8/10/09	4:00:00	4965	15.173	10.373	139.836	5175.164		139.836	5175.164
8/10/09	4:05:00	4970	15.174	10.380	139.833	5175.167		139.833	5175.167
8/10/09	4:10:00	4975	15.177	10.378	139.827	5175.173		139.827	5175.173
8/10/09	4:15:00	4980	15.176	10.379	139.828	5175.172		139.828	5175.172
8/10/09	4:20:00	4985	15.176	10.381	139.827	5175.173		139.827	5175.173
8/10/09	4:25:00	4990	15.173	10.379	139.835	5175.165		139.835	5175.165
8/10/09	4:30:00	4995	15.176	10.370	139.830	5175.170		139.830	5175.170
8/10/09	4:35:00	5000	15.173	10.368	139.834	5175.166		139.834	5175.166
8/10/09	4:40:00	5005	15.178	10.367	139.824	5175.176		139.824	5175.176
8/10/09	4:45:00	5010	15.174	10.370	139.833	5175.167		139.833	5175.167
8/10/09	4:50:00	5015	15.174	10.373	139.834	5175.166		139.834	5175.166
8/10/09	4:55:00	5020	15.177	10.373	139.826	5175.174		139.826	5175.174
8/10/09	5:00:00	5025	15.173	10.377	139.836	5175.164		139.836	5175.164
8/10/09	5:05:00	5030	15.178	10.376	139.824	5175.176		139.824	5175.176
8/10/09	5:10:00	5035	15.177	10.373	139.826	5175.174		139.826	5175.174
8/10/09	5:15:00	5040	15.176	10.373	139.827	5175.173		139.827	5175.173
8/10/09	5:20:00	5045	15.177	10.372	139.825	5175.175		139.825	5175.175
8/10/09	5:25:00	5050	15.178	10.371	139.823	5175.177		139.823	5175.177
8/10/09	5:30:00	5055	15.175	10.371	139.830	5175.170		139.830	5175.170
8/10/09	5:35:00	5060	15.178	10.372	139.823	5175.177		139.823	5175.177
8/10/09	5:40:00	5065	15.178	10.371	139.824	5175.176		139.824	5175.176
8/10/09	5:45:00	5070	15.178	10.374	139.824	5175.176		139.824	5175.176
8/10/09	5:50:00	5075	15.177	10.371	139.826	5175.174		139.826	5175.174
8/10/09	5:55:00	5080	15.174	10.372	139.832	5175.168		139.832	5175.168
8/10/09	6:00:00	5085	15.177	10.373	139.825	5175.175		139.825	5175.175
8/10/09	6:05:00	5090	15.177	10.375	139.826	5175.174		139.826	5175.174
8/10/09	6:10:00	5095	15.177	10.373	139.826	5175.174		139.826	5175.174
8/10/09	6:15:00	5100	15.178	10.371	139.824	5175.176		139.824	5175.176
8/10/09	6:20:00	5105	15.178	10.373	139.824	5175.176		139.824	5175.176
8/10/09	6:25:00	5110	15.178	10.374	139.824	5175.176		139.824	5175.176
8/10/09	6:30:00	5115	15.178	10.374	139.824	5175.176		139.824	5175.176
8/10/09	6:35:00	5120	15.178	10.374	139.823	5175.177		139.823	5175.177
8/10/09	6:40:00	5125	15.177	10.372	139.826	5175.174		139.826	5175.174

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/10/09	6:45:00	5130	15.177	10.370	139.826	5175.174	139.826	5175.174
8/10/09	6:50:00	5135	15.174	10.372	139.834	5175.166	139.834	5175.166
8/10/09	6:55:00	5140	15.178	10.374	139.824	5175.176	139.824	5175.176
8/10/09	7:00:00	5145	15.177	10.374	139.826	5175.174	139.826	5175.174
8/10/09	7:05:00	5150	15.174	10.373	139.832	5175.168	139.832	5175.168
8/10/09	7:10:00	5155	15.176	10.373	139.828	5175.172	139.828	5175.172
8/10/09	7:15:00	5160	15.178	10.374	139.825	5175.175	139.825	5175.175
8/10/09	7:20:00	5165	15.177	10.373	139.826	5175.174	139.826	5175.174
8/10/09	7:25:00	5170	15.178	10.372	139.824	5175.176	139.824	5175.176
8/10/09	7:30:00	5175	15.176	10.366	139.829	5175.171	139.829	5175.171
8/10/09	7:35:00	5180	15.173	10.370	139.834	5175.166	139.834	5175.166
8/10/09	7:40:00	5185	15.174	10.373	139.833	5175.167	139.833	5175.167
8/10/09	7:45:00	5190	15.174	10.372	139.834	5175.166	139.834	5175.166
8/10/09	7:50:00	5195	15.173	10.377	139.836	5175.164	139.836	5175.164
8/10/09	7:55:00	5200	15.172	10.374	139.838	5175.162	139.838	5175.162
8/10/09	8:00:00	5205	15.172	10.379	139.838	5175.162	139.838	5175.162
8/10/09	8:05:00	5210	15.172	10.376	139.837	5175.163	139.837	5175.163
8/10/09	8:10:00	5215	15.172	10.377	139.839	5175.161	139.839	5175.161
8/10/09	8:15:00	5220	15.171	10.377	139.839	5175.161	139.839	5175.161
8/10/09	8:20:00	5225	15.172	10.375	139.838	5175.162	139.838	5175.162
8/10/09	8:25:00	5230	15.176	10.375	139.830	5175.170	139.830	5175.170
8/10/09	8:30:00	5235	15.174	10.376	139.834	5175.166	139.834	5175.166
8/10/09	8:35:00	5240	15.173	10.376	139.836	5175.164	139.836	5175.164
8/10/09	8:40:00	5245	15.175	10.377	139.831	5175.169	139.831	5175.169
8/10/09	8:45:00	5250	15.176	10.378	139.829	5175.171	139.829	5175.171
8/10/09	8:50:00	5255	15.176	10.373	139.829	5175.171	139.829	5175.171
8/10/09	8:55:00	5260	15.175	10.377	139.830	5175.170	139.830	5175.170
8/10/09	9:00:00	5265	15.175	10.377	139.831	5175.169	139.831	5175.169
8/10/09	9:05:00	5270	15.175	10.376	139.830	5175.170	139.830	5175.170
8/10/09	9:10:00	5275	15.174	10.377	139.832	5175.168	139.832	5175.168
8/10/09	9:15:00	5280	15.175	10.378	139.830	5175.170	139.830	5175.170
8/10/09	9:20:00	5285	15.174	10.378	139.834	5175.166	139.834	5175.166
8/10/09	9:25:00	5290	15.174	10.378	139.833	5175.167	139.833	5175.167
8/10/09	9:30:00	5295	15.174	10.380	139.833	5175.167	139.833	5175.167
8/10/09	9:35:00	5300	15.175	10.377	139.830	5175.170	139.830	5175.170
8/10/09	9:40:00	5305	15.174	10.379	139.832	5175.168	139.832	5175.168
8/10/09	9:45:00	5310	15.173	10.381	139.835	5175.165	139.835	5175.165
8/10/09	9:50:00	5315	15.175	10.379	139.831	5175.169	139.831	5175.169
8/10/09	9:55:00	5320	15.174	10.380	139.833	5175.167	139.833	5175.167
8/10/09	10:00:00	5325	15.170	10.382	139.841	5175.159	139.841	5175.159
8/10/09	10:05:00	5330	15.173	10.384	139.836	5175.164	139.836	5175.164
8/10/09	10:10:00	5335	15.173	10.377	139.836	5175.164	139.836	5175.164
8/10/09	10:15:00	5340	15.174	10.374	139.834	5175.166	139.834	5175.166
8/10/09	10:20:00	5345	15.174	10.369	139.834	5175.166	139.834	5175.166
8/10/09	10:25:00	5350	15.171	10.367	139.839	5175.161	139.839	5175.161
8/10/09	10:30:00	5355	15.173	10.368	139.836	5175.164	139.836	5175.164
8/10/09	10:35:00	5360	15.169	10.373	139.845	5175.155	139.845	5175.155
8/10/09	10:40:00	5365	15.169	10.373	139.845	5175.155	139.845	5175.155
8/10/09	10:45:00	5370	15.166	10.376	139.851	5175.149	139.851	5175.149
8/10/09	10:50:00	5375	15.171	10.379	139.840	5175.160	139.840	5175.160
8/10/09	10:55:00	5380	15.172	10.375	139.838	5175.162	139.838	5175.162
8/10/09	11:00:00	5385	15.170	10.378	139.842	5175.158	139.842	5175.158
8/10/09	11:05:00	5390	15.173	10.381	139.836	5175.164	139.836	5175.164
8/10/09	11:10:00	5395	15.170	10.378	139.841	5175.159	139.841	5175.159

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792; Temp - C	SN#: 137922; DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW	Elevation		
8/10/09	11:15:00	5400	15.172	10.378	139.839	5175.161		139.839	5175.161
8/10/09	11:20:00	5405	15.172	10.377	139.838	5175.162		139.838	5175.162
8/10/09	11:25:00	5410	15.171	10.378	139.839	5175.161		139.839	5175.161
8/10/09	11:30:00	5415	15.173	10.373	139.836	5175.164		139.836	5175.164
8/10/09	11:35:00	5420	15.171	10.368	139.840	5175.160		139.840	5175.160
8/10/09	11:40:00	5425	15.168	10.368	139.847	5175.153		139.847	5175.153
8/10/09	11:45:00	5430	15.167	10.376	139.850	5175.150		139.850	5175.150
8/10/09	11:50:00	5435	15.166	10.371	139.852	5175.148		139.852	5175.148
8/10/09	11:55:00	5440	15.167	10.374	139.848	5175.152		139.848	5175.152
8/10/09	12:00:00	5445	15.167	10.373	139.850	5175.150		139.850	5175.150
8/10/09	12:05:00	5450	15.166	10.371	139.851	5175.149		139.851	5175.149
8/10/09	12:10:00	5455	15.169	10.370	139.845	5175.155		139.845	5175.155
8/10/09	12:15:00	5460	15.165	10.374	139.854	5175.146		139.854	5175.146
8/10/09	12:20:00	5465	15.169	10.372	139.845	5175.155		139.845	5175.155
8/10/09	12:25:00	5470	15.166	10.373	139.853	5175.147		139.853	5175.147
8/10/09	12:30:00	5475	15.167	10.376	139.848	5175.152		139.848	5175.152
8/10/09	12:35:00	5480	15.167	10.376	139.849	5175.151		139.849	5175.151
8/10/09	12:40:00	5485	15.167	10.378	139.849	5175.151		139.849	5175.151
8/10/09	12:45:00	5490	15.167	10.375	139.850	5175.150		139.850	5175.150
8/10/09	12:50:00	5495	15.170	10.372	139.842	5175.158		139.842	5175.158
8/10/09	12:55:00	5500	15.169	10.369	139.844	5175.156		139.844	5175.156
8/10/09	13:00:00	5505	15.170	10.372	139.842	5175.158		139.842	5175.158
8/10/09	13:05:00	5510	15.166	10.372	139.852	5175.148		139.852	5175.148
8/10/09	13:10:00	5515	15.165	10.368	139.854	5175.146		139.854	5175.146
8/10/09	13:15:00	5520	15.171	10.371	139.839	5175.161		139.839	5175.161
8/10/09	13:20:00	5525	15.169	10.373	139.844	5175.156		139.844	5175.156
8/10/09	13:25:00	5530	15.168	10.378	139.846	5175.154		139.846	5175.154
8/10/09	13:30:00	5535	15.168	10.378	139.847	5175.153		139.847	5175.153
8/10/09	13:35:00	5540	15.169	10.379	139.846	5175.154		139.846	5175.154
8/10/09	13:40:00	5545	15.168	10.378	139.847	5175.153		139.847	5175.153
8/10/09	13:45:00	5550	15.170	10.375	139.842	5175.158		139.842	5175.158
8/10/09	13:50:00	5555	15.169	10.376	139.845	5175.155		139.845	5175.155
8/10/09	13:55:00	5560	15.169	10.372	139.845	5175.155		139.845	5175.155
8/10/09	14:00:00	5565	15.169	10.370	139.846	5175.154		139.846	5175.154
8/10/09	14:05:00	5570	15.167	10.366	139.848	5175.152		139.848	5175.152
8/10/09	14:10:00	5575	15.168	10.367	139.847	5175.153		139.847	5175.153
8/10/09	14:15:00	5580	15.168	10.368	139.847	5175.153		139.847	5175.153
8/10/09	14:20:00	5585	15.169	10.373	139.844	5175.156		139.844	5175.156
8/10/09	14:25:00	5590	15.170	10.374	139.843	5175.157		139.843	5175.157
8/10/09	14:30:00	5595	15.166	10.372	139.851	5175.149		139.851	5175.149
8/10/09	14:35:00	5600	15.165	10.376	139.853	5175.147		139.853	5175.147
8/10/09	14:40:00	5605	15.168	10.377	139.847	5175.153		139.847	5175.153
8/10/09	14:45:00	5610	15.169	10.374	139.845	5175.155		139.845	5175.155
8/10/09	14:50:00	5615	15.169	10.378	139.845	5175.155		139.845	5175.155
8/10/09	14:55:00	5620	15.167	10.378	139.848	5175.152		139.848	5175.152
8/10/09	15:00:00	5625	15.169	10.379	139.845	5175.155		139.845	5175.155
8/10/09	15:05:00	5630	15.172	10.381	139.838	5175.162		139.838	5175.162
8/10/09	15:10:00	5635	15.169	10.378	139.845	5175.155		139.845	5175.155
8/10/09	15:15:00	5640	15.171	10.380	139.841	5175.159		139.841	5175.159
8/10/09	15:20:00	5645	15.167	10.379	139.849	5175.151		139.849	5175.151
8/10/09	15:25:00	5650	15.168	10.378	139.847	5175.153		139.847	5175.153
8/10/09	15:30:00	5655	15.170	10.379	139.842	5175.158		139.842	5175.158
8/10/09	15:35:00	5660	15.169	10.378	139.844	5175.156		139.844	5175.156
8/10/09	15:40:00	5665	15.166	10.378	139.850	5175.150		139.850	5175.150

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792: SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/10/09	15:45:00	5670	15.165	10.380	139.854	5175.146	139.854	5175.146
8/10/09	15:50:00	5675	15.168	10.376	139.848	5175.152	139.848	5175.152
8/10/09	15:55:00	5680	15.167	10.374	139.849	5175.151	139.849	5175.151
8/10/09	16:00:00	5685	15.169	10.374	139.844	5175.156	139.844	5175.156
8/10/09	16:05:00	5690	15.170	10.374	139.842	5175.158	139.842	5175.158
8/10/09	16:10:00	5695	15.168	10.377	139.848	5175.152	139.848	5175.152
8/10/09	16:15:00	5700	15.166	10.373	139.851	5175.149	139.851	5175.149
8/10/09	16:20:00	5705	15.168	10.376	139.846	5175.154	139.846	5175.154
8/10/09	16:25:00	5710	15.168	10.376	139.847	5175.153	139.847	5175.153
8/10/09	16:30:00	5715	15.167	10.376	139.849	5175.151	139.849	5175.151
8/10/09	16:35:00	5720	15.173	10.378	139.835	5175.165	139.835	5175.165
8/10/09	16:40:00	5725	15.171	10.378	139.840	5175.160	139.840	5175.160
8/10/09	16:45:00	5730	15.171	10.377	139.841	5175.159	139.841	5175.159
8/10/09	16:50:00	5735	15.173	10.380	139.836	5175.164	139.836	5175.164
8/10/09	16:55:00	5740	15.172	10.373	139.837	5175.163	139.837	5175.163
8/10/09	17:00:00	5745	15.170	10.369	139.841	5175.159	139.841	5175.159
8/10/09	17:05:00	5750	15.169	10.368	139.844	5175.156	139.844	5175.156
8/10/09	17:10:00	5755	15.170	10.368	139.843	5175.157	139.843	5175.157
8/10/09	17:15:00	5760	15.173	10.376	139.835	5175.165	139.835	5175.165
8/10/09	17:20:00	5765	15.170	10.379	139.843	5175.157	139.843	5175.157
8/10/09	17:25:00	5770	15.173	10.381	139.836	5175.164	139.836	5175.164
8/10/09	17:30:00	5775	15.173	10.376	139.835	5175.165	139.835	5175.165
8/10/09	17:35:00	5780	15.175	10.378	139.832	5175.168	139.832	5175.168
8/10/09	17:40:00	5785	15.174	10.377	139.834	5175.166	139.834	5175.166
8/10/09	17:45:00	5790	15.171	10.376	139.839	5175.161	139.839	5175.161
8/10/09	17:50:00	5795	15.170	10.377	139.843	5175.157	139.843	5175.157
8/10/09	17:55:00	5800	15.173	10.376	139.835	5175.165	139.835	5175.165
8/10/09	18:00:00	5805	15.174	10.377	139.832	5175.168	139.832	5175.168
8/10/09	18:05:00	5810	15.175	10.375	139.831	5175.169	139.831	5175.169
8/10/09	18:10:00	5815	15.175	10.370	139.832	5175.168	139.832	5175.168
8/10/09	18:15:00	5820	15.175	10.367	139.831	5175.169	139.831	5175.169
8/10/09	18:20:00	5825	15.172	10.368	139.837	5175.163	139.837	5175.163
8/10/09	18:25:00	5830	15.176	10.369	139.828	5175.172	139.828	5175.172
8/10/09	18:30:00	5835	15.174	10.370	139.834	5175.166	139.834	5175.166
8/10/09	18:35:00	5840	15.175	10.371	139.830	5175.170	139.830	5175.170
8/10/09	18:40:00	5845	15.177	10.369	139.825	5175.175	139.825	5175.175
8/10/09	18:45:00	5850	15.177	10.371	139.825	5175.175	139.825	5175.175
8/10/09	18:50:00	5855	15.175	10.369	139.830	5175.170	139.830	5175.170
8/10/09	18:55:00	5860	15.174	10.367	139.834	5175.166	139.834	5175.166
8/10/09	19:00:00	5865	15.177	10.369	139.827	5175.173	139.827	5175.173
8/10/09	19:05:00	5870	15.177	10.373	139.827	5175.173	139.827	5175.173
8/10/09	19:10:00	5875	15.173	10.372	139.835	5175.165	139.835	5175.165
8/10/09	19:15:00	5880	15.176	10.378	139.828	5175.172	139.828	5175.172
8/10/09	19:20:00	5885	15.174	10.377	139.832	5175.168	139.832	5175.168
8/10/09	19:25:00	5890	15.179	10.378	139.821	5175.179	139.821	5175.179
8/10/09	19:30:00	5895	15.178	10.378	139.824	5175.176	139.824	5175.176
8/10/09	19:35:00	5900	15.177	10.378	139.826	5175.174	139.826	5175.174
8/10/09	19:40:00	5905	15.174	10.376	139.832	5175.168	139.832	5175.168
8/10/09	19:45:00	5910	15.178	10.370	139.823	5175.177	139.823	5175.177
8/10/09	19:50:00	5915	15.175	10.369	139.830	5175.170	139.830	5175.170
8/10/09	19:55:00	5920	15.176	10.368	139.828	5175.172	139.828	5175.172
8/10/09	20:00:00	5925	15.175	10.371	139.831	5175.169	139.831	5175.169
8/10/09	20:05:00	5930	15.176	10.369	139.829	5175.171	139.829	5175.171
8/10/09	20:10:00	5935	15.175	10.370	139.830	5175.170	139.830	5175.170

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW	Elevation		
8/10/09	20:15:00	5940	15.176	10.374	139.829	5175.171		139.829	5175.171
8/10/09	20:20:00	5945	15.175	10.375	139.831	5175.169		139.831	5175.169
8/10/09	20:25:00	5950	15.175	10.379	139.830	5175.170		139.830	5175.170
8/10/09	20:30:00	5955	15.174	10.379	139.833	5175.167		139.833	5175.167
8/10/09	20:35:00	5960	15.179	10.378	139.823	5175.177		139.823	5175.177
8/10/09	20:40:00	5965	15.178	10.371	139.823	5175.177		139.823	5175.177
8/10/09	20:45:00	5970	15.178	10.368	139.825	5175.175		139.825	5175.175
8/10/09	20:50:00	5975	15.179	10.365	139.822	5175.178		139.822	5175.178
8/10/09	20:55:00	5980	15.178	10.371	139.823	5175.177		139.823	5175.177
8/10/09	21:00:00	5985	15.178	10.366	139.824	5175.176		139.824	5175.176
8/10/09	21:05:00	5990	15.177	10.368	139.825	5175.175		139.825	5175.175
8/10/09	21:10:00	5995	15.178	10.366	139.824	5175.176		139.824	5175.176
8/10/09	21:15:00	6000	15.174	10.368	139.834	5175.166		139.834	5175.166
8/10/09	21:20:00	6005	15.174	10.370	139.834	5175.166		139.834	5175.166
8/10/09	21:25:00	6010	15.174	10.369	139.833	5175.167		139.833	5175.167
8/10/09	21:30:00	6015	15.176	10.372	139.828	5175.172		139.828	5175.172
8/10/09	21:35:00	6020	15.173	10.371	139.836	5175.164		139.836	5175.164
8/10/09	21:40:00	6025	15.175	10.374	139.831	5175.169		139.831	5175.169
8/10/09	21:45:00	6030	15.173	10.370	139.836	5175.164		139.836	5175.164
8/10/09	21:50:00	6035	15.176	10.373	139.828	5175.172		139.828	5175.172
8/10/09	21:55:00	6040	15.175	10.372	139.830	5175.170		139.830	5175.170
8/10/09	22:00:00	6045	15.175	10.370	139.831	5175.169		139.831	5175.169
8/10/09	22:05:00	6050	15.171	10.375	139.841	5175.159		139.841	5175.159
8/10/09	22:10:00	6055	15.175	10.373	139.831	5175.169		139.831	5175.169
8/10/09	22:15:00	6060	15.174	10.371	139.833	5175.167		139.833	5175.167
8/10/09	22:20:00	6065	15.170	10.374	139.843	5175.157		139.843	5175.157
8/10/09	22:25:00	6070	15.173	10.376	139.835	5175.165		139.835	5175.165
8/10/09	22:30:00	6075	15.170	10.372	139.842	5175.158		139.842	5175.158
8/10/09	22:35:00	6080	15.169	10.375	139.844	5175.156		139.844	5175.156
8/10/09	22:40:00	6085	15.173	10.373	139.835	5175.165		139.835	5175.165
8/10/09	22:45:00	6090	15.172	10.378	139.838	5175.162		139.838	5175.162
8/10/09	22:50:00	6095	15.168	10.373	139.846	5175.154		139.846	5175.154
8/10/09	22:55:00	6100	15.173	10.373	139.836	5175.164		139.836	5175.164
8/10/09	23:00:00	6105	15.172	10.372	139.838	5175.162		139.838	5175.162
8/10/09	23:05:00	6110	15.172	10.368	139.838	5175.162		139.838	5175.162
8/10/09	23:10:00	6115	15.168	10.367	139.848	5175.152		139.848	5175.152
8/10/09	23:15:00	6120	15.170	10.372	139.843	5175.157		139.843	5175.157
8/10/09	23:20:00	6125	15.166	10.372	139.851	5175.149		139.851	5175.149
8/10/09	23:25:00	6130	15.167	10.373	139.850	5175.150		139.850	5175.150
8/10/09	23:30:00	6135	15.170	10.369	139.842	5175.158		139.842	5175.158
8/10/09	23:35:00	6140	15.169	10.368	139.844	5175.156		139.844	5175.156
8/10/09	23:40:00	6145	15.169	10.371	139.844	5175.156		139.844	5175.156
8/10/09	23:45:00	6150	15.164	10.371	139.855	5175.145		139.855	5175.145
8/10/09	23:50:00	6155	15.165	10.370	139.855	5175.145		139.855	5175.145
8/10/09	23:55:00	6160	15.165	10.372	139.853	5175.147		139.853	5175.147
8/11/09	0:00:00	6165	15.164	10.373	139.855	5175.145		139.855	5175.145
8/11/09	0:05:00	6170	15.165	10.374	139.854	5175.146		139.854	5175.146
8/11/09	0:10:00	6175	15.166	10.372	139.851	5175.149		139.851	5175.149
8/11/09	0:15:00	6180	15.167	10.370	139.850	5175.150		139.850	5175.150
8/11/09	0:20:00	6185	15.163	10.370	139.858	5175.142		139.858	5175.142
8/11/09	0:25:00	6190	15.163	10.370	139.859	5175.141		139.859	5175.141
8/11/09	0:30:00	6195	15.162	10.368	139.860	5175.140		139.860	5175.140
8/11/09	0:35:00	6200	15.166	10.368	139.851	5175.149		139.851	5175.149
8/11/09	0:40:00	6205	15.165	10.368	139.854	5175.146		139.854	5175.146

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792: SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/11/09	0:45:00	6210	15.162	10.367	139.862	5175.138	139.862	5175.138
8/11/09	0:50:00	6215	15.165	10.371	139.853	5175.147	139.853	5175.147
8/11/09	0:55:00	6220	15.164	10.371	139.856	5175.144	139.856	5175.144
8/11/09	1:00:00	6225	15.160	10.377	139.864	5175.136	139.864	5175.136
8/11/09	1:05:00	6230	15.164	10.378	139.857	5175.143	139.857	5175.143
8/11/09	1:10:00	6235	15.164	10.378	139.857	5175.143	139.857	5175.143
8/11/09	1:15:00	6240	15.160	10.382	139.865	5175.135	139.865	5175.135
8/11/09	1:20:00	6245	15.164	10.381	139.855	5175.145	139.855	5175.145
8/11/09	1:25:00	6250	15.163	10.378	139.858	5175.142	139.858	5175.142
8/11/09	1:30:00	6255	15.162	10.380	139.860	5175.140	139.860	5175.140
8/11/09	1:35:00	6260	15.163	10.378	139.858	5175.142	139.858	5175.142
8/11/09	1:40:00	6265	15.163	10.378	139.859	5175.141	139.859	5175.141
8/11/09	1:45:00	6270	15.162	10.380	139.860	5175.140	139.860	5175.140
8/11/09	1:50:00	6275	15.158	10.379	139.869	5175.131	139.869	5175.131
8/11/09	1:55:00	6280	15.161	10.379	139.862	5175.138	139.862	5175.138
8/11/09	2:00:00	6285	15.163	10.374	139.860	5175.140	139.860	5175.140
8/11/09	2:05:00	6290	15.162	10.377	139.861	5175.139	139.861	5175.139
8/11/09	2:10:00	6295	15.162	10.376	139.861	5175.139	139.861	5175.139
8/11/09	2:15:00	6300	15.162	10.379	139.860	5175.140	139.860	5175.140
8/11/09	2:20:00	6305	15.161	10.374	139.863	5175.137	139.863	5175.137
8/11/09	2:25:00	6310	15.161	10.375	139.863	5175.137	139.863	5175.137
8/11/09	2:30:00	6315	15.161	10.375	139.863	5175.137	139.863	5175.137
8/11/09	2:35:00	6320	15.161	10.375	139.862	5175.138	139.862	5175.138
8/11/09	2:40:00	6325	15.161	10.376	139.864	5175.136	139.864	5175.136
8/11/09	2:45:00	6330	15.161	10.377	139.864	5175.136	139.864	5175.136
8/11/09	2:50:00	6335	15.161	10.378	139.862	5175.138	139.862	5175.138
8/11/09	2:55:00	6340	15.161	10.378	139.862	5175.138	139.862	5175.138
8/11/09	3:00:00	6345	15.161	10.375	139.864	5175.136	139.864	5175.136
8/11/09	3:05:00	6350	15.161	10.370	139.863	5175.137	139.863	5175.137
8/11/09	3:10:00	6355	15.158	10.370	139.869	5175.131	139.869	5175.131
8/11/09	3:15:00	6360	15.162	10.366	139.861	5175.139	139.861	5175.139
8/11/09	3:20:00	6365	15.158	10.367	139.869	5175.131	139.869	5175.131
8/11/09	3:25:00	6370	15.158	10.367	139.870	5175.130	139.870	5175.130
8/11/09	3:30:00	6375	15.158	10.371	139.870	5175.130	139.870	5175.130
8/11/09	3:35:00	6380	15.157	10.373	139.872	5175.128	139.872	5175.128
8/11/09	3:40:00	6385	15.158	10.374	139.870	5175.130	139.870	5175.130
8/11/09	3:45:00	6390	15.158	10.372	139.870	5175.130	139.870	5175.130
8/11/09	3:50:00	6395	15.158	10.372	139.870	5175.130	139.870	5175.130
8/11/09	3:55:00	6400	15.158	10.372	139.871	5175.129	139.871	5175.129
8/11/09	4:00:00	6405	15.158	10.371	139.870	5175.130	139.870	5175.130
8/11/09	4:05:00	6410	15.158	10.371	139.871	5175.129	139.871	5175.129
8/11/09	4:10:00	6415	15.161	10.369	139.864	5175.136	139.864	5175.136
8/11/09	4:15:00	6420	15.159	10.373	139.868	5175.132	139.868	5175.132
8/11/09	4:20:00	6425	15.162	10.371	139.861	5175.139	139.861	5175.139
8/11/09	4:25:00	6430	15.158	10.373	139.870	5175.130	139.870	5175.130
8/11/09	4:30:00	6435	15.158	10.374	139.870	5175.130	139.870	5175.130
8/11/09	4:35:00	6440	15.159	10.378	139.868	5175.132	139.868	5175.132
8/11/09	4:40:00	6445	15.162	10.378	139.861	5175.139	139.861	5175.139
8/11/09	4:45:00	6450	15.162	10.374	139.860	5175.140	139.860	5175.140
8/11/09	4:50:00	6455	15.162	10.373	139.862	5175.138	139.862	5175.138
8/11/09	4:55:00	6460	15.163	10.370	139.857	5175.143	139.857	5175.143
8/11/09	5:00:00	6465	15.162	10.367	139.860	5175.140	139.860	5175.140
8/11/09	5:05:00	6470	15.163	10.370	139.858	5175.142	139.858	5175.142
8/11/09	5:10:00	6475	15.162	10.373	139.860	5175.140	139.860	5175.140

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/11/09	5:15:00	6480	15.163	10.374	139.859	5175.141	139.859	5175.141
8/11/09	5:20:00	6485	15.162	10.376	139.860	5175.140	139.860	5175.140
8/11/09	5:25:00	6490	15.162	10.372	139.860	5175.140	139.860	5175.140
8/11/09	5:30:00	6495	15.163	10.370	139.859	5175.141	139.859	5175.141
8/11/09	5:35:00	6500	15.163	10.372	139.858	5175.142	139.858	5175.142
8/11/09	5:40:00	6505	15.163	10.369	139.858	5175.142	139.858	5175.142
8/11/09	5:45:00	6510	15.160	10.373	139.865	5175.135	139.865	5175.135
8/11/09	5:50:00	6515	15.163	10.373	139.858	5175.142	139.858	5175.142
8/11/09	5:55:00	6520	15.164	10.371	139.856	5175.144	139.856	5175.144
8/11/09	6:00:00	6525	15.163	10.371	139.857	5175.143	139.857	5175.143
8/11/09	6:05:00	6530	15.163	10.373	139.859	5175.141	139.859	5175.141
8/11/09	6:10:00	6535	15.164	10.372	139.856	5175.144	139.856	5175.144
8/11/09	6:15:00	6540	15.163	10.371	139.858	5175.142	139.858	5175.142
8/11/09	6:20:00	6545	15.160	10.369	139.864	5175.136	139.864	5175.136
8/11/09	6:25:00	6550	15.161	10.372	139.864	5175.136	139.864	5175.136
8/11/09	6:30:00	6555	15.165	10.372	139.855	5175.145	139.855	5175.145
8/11/09	6:35:00	6560	15.165	10.374	139.854	5175.146	139.854	5175.146
8/11/09	6:40:00	6565	15.164	10.371	139.855	5175.145	139.855	5175.145
8/11/09	6:45:00	6570	15.165	10.376	139.854	5175.146	139.854	5175.146
8/11/09	6:50:00	6575	15.164	10.373	139.856	5175.144	139.856	5175.144
8/11/09	6:55:00	6580	15.164	10.375	139.856	5175.144	139.856	5175.144
8/11/09	7:00:00	6585	15.165	10.376	139.855	5175.145	139.855	5175.145
8/11/09	7:05:00	6590	15.163	10.374	139.859	5175.141	139.859	5175.141
8/11/09	7:10:00	6595	15.164	10.375	139.855	5175.145	139.855	5175.145
8/11/09	7:15:00	6600	15.161	10.372	139.864	5175.136	139.864	5175.136
8/11/09	7:20:00	6605	15.164	10.377	139.857	5175.143	139.857	5175.143
8/11/09	7:25:00	6610	15.165	10.379	139.853	5175.147	139.853	5175.147
8/11/09	7:30:00	6615	15.165	10.380	139.855	5175.145	139.855	5175.145
8/11/09	7:35:00	6620	15.163	10.380	139.858	5175.142	139.858	5175.142
8/11/09	7:40:00	6625	15.161	10.379	139.864	5175.136	139.864	5175.136
8/11/09	7:45:00	6630	15.162	10.380	139.861	5175.139	139.861	5175.139
8/11/09	7:50:00	6635	15.160	10.380	139.865	5175.135	139.865	5175.135
8/11/09	7:55:00	6640	15.160	10.378	139.864	5175.136	139.864	5175.136
8/11/09	8:00:00	6645	15.165	10.377	139.854	5175.146	139.854	5175.146
8/11/09	8:05:00	6650	15.162	10.378	139.861	5175.139	139.861	5175.139
8/11/09	8:10:00	6655	15.165	10.382	139.855	5175.145	139.855	5175.145
8/11/09	8:15:00	6660	15.164	10.380	139.857	5175.143	139.857	5175.143
8/11/09	8:20:00	6665	15.160	10.382	139.865	5175.135	139.865	5175.135
8/11/09	8:25:00	6670	15.164	10.381	139.855	5175.145	139.855	5175.145
8/11/09	8:30:00	6675	15.164	10.382	139.857	5175.143	139.857	5175.143
8/11/09	8:35:00	6680	15.160	10.379	139.865	5175.135	139.865	5175.135
8/11/09	8:40:00	6685	15.164	10.376	139.857	5175.143	139.857	5175.143
8/11/09	8:45:00	6690	15.165	10.377	139.854	5175.146	139.854	5175.146
8/11/09	8:50:00	6695	15.164	10.371	139.856	5175.144	139.856	5175.144
8/11/09	8:55:00	6700	15.163	10.368	139.857	5175.143	139.857	5175.143
8/11/09	9:00:00	6705	15.163	10.369	139.858	5175.142	139.858	5175.142
8/11/09	9:05:00	6710	15.162	10.372	139.860	5175.140	139.860	5175.140
8/11/09	9:10:00	6715	15.164	10.370	139.857	5175.143	139.857	5175.143
8/11/09	9:15:00	6720	15.164	10.369	139.857	5175.143	139.857	5175.143
8/11/09	9:20:00	6725	15.164	10.371	139.855	5175.145	139.855	5175.145
8/11/09	9:25:00	6730	15.159	10.368	139.867	5175.133	139.867	5175.133
8/11/09	9:30:00	6735	15.164	10.371	139.857	5175.143	139.857	5175.143
8/11/09	9:35:00	6740	15.162	10.372	139.860	5175.140	139.860	5175.140
8/11/09	9:40:00	6745	15.164	10.370	139.857	5175.143	139.857	5175.143

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 13792 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/11/09	9:45:00	6750	15.160	10.372	139.865	5175.135	139.865	5175.135
8/11/09	9:50:00	6755	15.163	10.370	139.858	5175.142	139.858	5175.142
8/11/09	9:55:00	6760	15.162	10.368	139.860	5175.140	139.860	5175.140
8/11/09	10:00:00	6765	15.163	10.371	139.858	5175.142	139.858	5175.142
8/11/09	10:05:00	6770	15.165	10.373	139.855	5175.145	139.855	5175.145
8/11/09	10:10:00	6775	15.164	10.372	139.856	5175.144	139.856	5175.144
8/11/09	10:15:00	6780	15.164	10.369	139.856	5175.144	139.856	5175.144
8/11/09	10:20:00	6785	15.164	10.368	139.857	5175.143	139.857	5175.143
8/11/09	10:25:00	6790	15.161	10.367	139.864	5175.136	139.864	5175.136
8/11/09	10:30:00	6795	15.163	10.369	139.859	5175.141	139.859	5175.141
8/11/09	10:35:00	6800	15.160	10.371	139.866	5175.134	139.866	5175.134
8/11/09	10:40:00	6805	15.160	10.372	139.865	5175.135	139.865	5175.135
8/11/09	10:45:00	6810	15.160	10.369	139.866	5175.134	139.866	5175.134
8/11/09	10:50:00	6815	15.166	10.379	139.851	5175.149	139.851	5175.149
8/11/09	10:55:00	6820	15.167	10.374	139.850	5175.150	139.850	5175.150
8/11/09	11:00:00	6825	15.168	10.372	139.846	5175.154	139.846	5175.154
8/11/09	11:05:00	6830	15.167	10.365	139.849	5175.151	139.849	5175.151
8/11/09	11:10:00	6835	15.168	10.369	139.847	5175.153	139.847	5175.153
8/11/09	11:15:00	6840	15.167	10.366	139.849	5175.151	139.849	5175.151
8/11/09	11:20:00	6845	15.169	10.365	139.845	5175.155	139.845	5175.155
8/11/09	11:25:00	6850	15.164	10.367	139.855	5175.145	139.855	5175.145
8/11/09	11:30:00	6855	15.166	10.373	139.851	5175.149	139.851	5175.149
8/11/09	11:35:00	6860	15.168	10.377	139.848	5175.152	139.848	5175.152
8/11/09	11:40:00	6865	15.166	10.380	139.851	5175.149	139.851	5175.149
8/11/09	11:45:00	6870	15.167	10.379	139.848	5175.152	139.848	5175.152
8/11/09	11:50:00	6875	15.169	10.376	139.845	5175.155	139.845	5175.155
8/11/09	11:55:00	6880	15.166	10.371	139.852	5175.148	139.852	5175.148
8/11/09	12:00:00	6885	15.166	10.366	139.851	5175.149	139.851	5175.149
8/11/09	12:05:00	6890	15.165	10.364	139.855	5175.145	139.855	5175.145
8/11/09	12:10:00	6895	15.168	10.367	139.847	5175.153	139.847	5175.153
8/11/09	12:15:00	6900	15.168	10.364	139.848	5175.152	139.848	5175.152
8/11/09	12:20:00	6905	15.169	10.363	139.845	5175.155	139.845	5175.155
8/11/09	12:25:00	6910	15.165	10.368	139.853	5175.147	139.853	5175.147
8/11/09	12:30:00	6915	15.167	10.374	139.850	5175.150	139.850	5175.150
8/11/09	12:35:00	6920	15.167	10.375	139.850	5175.150	139.850	5175.150
8/11/09	12:40:00	6925	15.168	10.372	139.848	5175.152	139.848	5175.152
8/11/09	12:45:00	6930	15.165	10.368	139.853	5175.147	139.853	5175.147
8/11/09	12:50:00	6935	15.164	10.364	139.856	5175.144	139.856	5175.144
8/11/09	12:55:00	6940	15.163	10.369	139.858	5175.142	139.858	5175.142
8/11/09	13:00:00	6945	15.165	10.366	139.854	5175.146	139.854	5175.146
8/11/09	13:05:00	6950	15.163	10.370	139.857	5175.143	139.857	5175.143
8/11/09	13:10:00	6955	15.165	10.366	139.854	5175.146	139.854	5175.146
8/11/09	13:15:00	6960	15.168	10.362	139.848	5175.152	139.848	5175.152
8/11/09	13:20:00	6965	15.166	10.367	139.852	5175.148	139.852	5175.148
8/11/09	13:25:00	6970	15.164	10.367	139.856	5175.144	139.856	5175.144
8/11/09	13:30:00	6975	15.164	10.366	139.856	5175.144	139.856	5175.144
8/11/09	13:35:00	6980	15.166	10.367	139.852	5175.148	139.852	5175.148
8/11/09	13:40:00	6985	15.169	10.372	139.845	5175.155	139.845	5175.155
8/11/09	13:45:00	6990	15.167	10.376	139.850	5175.150	139.850	5175.150
8/11/09	13:50:00	6995	15.168	10.377	139.847	5175.153	139.847	5175.153
8/11/09	13:55:00	7000	15.168	10.374	139.847	5175.153	139.847	5175.153
8/11/09	14:00:00	7005	15.168	10.377	139.847	5175.153	139.847	5175.153
8/11/09	14:05:00	7010	15.170	10.373	139.843	5175.157	139.843	5175.157
8/11/09	14:10:00	7015	15.169	10.370	139.844	5175.156	139.844	5175.156



**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/11/09	14:15:00	7020	15.170	10.366	139.842	5175.158		139.842	5175.158
8/11/09	14:20:00	7025	15.165	10.364	139.853	5175.147		139.853	5175.147
8/11/09	14:25:00	7030	15.171	10.368	139.839	5175.161		139.839	5175.161
8/11/09	14:30:00	7035	15.170	10.371	139.842	5175.158		139.842	5175.158
8/11/09	14:35:00	7040	15.167	10.369	139.848	5175.152		139.848	5175.152
8/11/09	14:40:00	7045	15.168	10.369	139.846	5175.154		139.846	5175.154
8/11/09	14:45:00	7050	15.171	10.372	139.839	5175.161		139.839	5175.161
8/11/09	14:50:00	7055	15.168	10.372	139.847	5175.153		139.847	5175.153
8/11/09	14:55:00	7060	15.169	10.369	139.844	5175.156		139.844	5175.156
8/11/09	15:00:00	7065	15.170	10.369	139.842	5175.158		139.842	5175.158
8/11/09	15:05:00	7070	15.171	10.368	139.839	5175.161		139.839	5175.161
8/11/09	15:10:00	7075	15.168	10.370	139.848	5175.152		139.848	5175.152
8/11/09	15:15:00	7080	15.171	10.370	139.840	5175.160		139.840	5175.160
8/11/09	15:20:00	7085	15.173	10.371	139.835	5175.165		139.835	5175.165
8/11/09	15:25:00	7090	15.171	10.370	139.840	5175.160		139.840	5175.160
8/11/09	15:30:00	7095	15.167	10.369	139.849	5175.151		139.849	5175.151
8/11/09	15:35:00	7100	15.173	10.371	139.835	5175.165		139.835	5175.165
8/11/09	15:40:00	7105	15.173	10.368	139.836	5175.164		139.836	5175.164
8/11/09	15:45:00	7110	15.168	10.368	139.848	5175.152		139.848	5175.152
8/11/09	15:50:00	7115	15.172	10.371	139.837	5175.163		139.837	5175.163
8/11/09	15:55:00	7120	15.172	10.366	139.837	5175.163		139.837	5175.163
8/11/09	16:00:00	7125	15.172	10.371	139.837	5175.163		139.837	5175.163
8/11/09	16:05:00	7130	15.174	10.369	139.833	5175.167		139.833	5175.167
8/11/09	16:10:00	7135	15.175	10.368	139.832	5175.168		139.832	5175.168
8/11/09	16:15:00	7140	15.173	10.371	139.835	5175.165		139.835	5175.165
8/11/09	16:20:00	7145	15.173	10.368	139.835	5175.165		139.835	5175.165
8/11/09	16:25:00	7150	15.174	10.369	139.834	5175.166		139.834	5175.166
8/11/09	16:30:00	7155	15.175	10.369	139.831	5175.169		139.831	5175.169
8/11/09	16:35:00	7160	15.175	10.368	139.831	5175.169		139.831	5175.169
8/11/09	16:40:00	7165	15.174	10.370	139.832	5175.168		139.832	5175.168
8/11/09	16:45:00	7170	15.172	10.368	139.837	5175.163		139.837	5175.163
8/11/09	16:50:00	7175	15.174	10.368	139.834	5175.166		139.834	5175.166
8/11/09	16:55:00	7180	15.172	10.368	139.837	5175.163		139.837	5175.163
8/11/09	17:00:00	7185	15.172	10.367	139.837	5175.163		139.837	5175.163
8/11/09	17:05:00	7190	15.172	10.374	139.837	5175.163		139.837	5175.163
8/11/09	17:10:00	7195	15.173	10.375	139.835	5175.165		139.835	5175.165
8/11/09	17:15:00	7200	15.177	10.376	139.826	5175.174		139.826	5175.174
8/11/09	17:20:00	7205	15.172	10.375	139.837	5175.163		139.837	5175.163
8/11/09	17:25:00	7210	15.173	10.374	139.834	5175.166		139.834	5175.166
8/11/09	17:30:00	7215	15.175	10.373	139.830	5175.170		139.830	5175.170
8/11/09	17:35:00	7220	15.175	10.376	139.830	5175.170		139.830	5175.170
8/11/09	17:40:00	7225	15.179	10.371	139.822	5175.178		139.822	5175.178
8/11/09	17:45:00	7230	15.179	10.371	139.822	5175.178		139.822	5175.178
8/11/09	17:50:00	7235	15.179	10.368	139.821	5175.179		139.821	5175.179
8/11/09	17:55:00	7240	15.176	10.368	139.827	5175.173		139.827	5175.173
8/11/09	18:00:00	7245	15.181	10.372	139.816	5175.184		139.816	5175.184
8/11/09	18:05:00	7250	15.181	10.370	139.817	5175.183		139.817	5175.183
8/11/09	18:10:00	7255	15.177	10.369	139.826	5175.174		139.826	5175.174
8/11/09	18:15:00	7260	15.181	10.370	139.817	5175.183		139.817	5175.183
8/11/09	18:20:00	7265	15.179	10.373	139.821	5175.179		139.821	5175.179
8/11/09	18:25:00	7270	15.183	10.368	139.813	5175.187		139.813	5175.187
8/11/09	18:30:00	7275	15.181	10.368	139.816	5175.184		139.816	5175.184
8/11/09	18:35:00	7280	15.181	10.365	139.816	5175.184		139.816	5175.184
8/11/09	18:40:00	7285	15.181	10.368	139.817	5175.183		139.817	5175.183

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev		Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000	GW Elevation		
8/11/09	18:45:00	7290	15.183	10.370	139.813	5175.187	139.813	5175.187	
8/11/09	18:50:00	7295	15.179	10.368	139.822	5175.178	139.822	5175.178	
8/11/09	18:55:00	7300	15.182	10.370	139.814	5175.186	139.814	5175.186	
8/11/09	19:00:00	7305	15.182	10.374	139.815	5175.185	139.815	5175.185	
8/11/09	19:05:00	7310	15.184	10.376	139.811	5175.189	139.811	5175.189	
8/11/09	19:10:00	7315	15.184	10.378	139.811	5175.189	139.811	5175.189	
8/11/09	19:15:00	7320	15.184	10.377	139.811	5175.189	139.811	5175.189	
8/11/09	19:20:00	7325	15.184	10.374	139.810	5175.190	139.810	5175.190	
8/11/09	19:25:00	7330	15.184	10.375	139.810	5175.190	139.810	5175.190	
8/11/09	19:30:00	7335	15.184	10.374	139.809	5175.191	139.809	5175.191	
8/11/09	19:35:00	7340	15.181	10.372	139.816	5175.184	139.816	5175.184	
8/11/09	19:40:00	7345	15.185	10.375	139.808	5175.192	139.808	5175.192	
8/11/09	19:45:00	7350	15.185	10.375	139.807	5175.193	139.807	5175.193	
8/11/09	19:50:00	7355	15.185	10.378	139.809	5175.191	139.809	5175.191	
8/11/09	19:55:00	7360	15.186	10.375	139.806	5175.194	139.806	5175.194	
8/11/09	20:00:00	7365	15.186	10.375	139.805	5175.195	139.805	5175.195	
8/11/09	20:05:00	7370	15.186	10.373	139.805	5175.195	139.805	5175.195	
8/11/09	20:10:00	7375	15.188	10.372	139.802	5175.198	139.802	5175.198	
8/11/09	20:15:00	7380	15.187	10.373	139.804	5175.196	139.804	5175.196	
8/11/09	20:20:00	7385	15.187	10.376	139.802	5175.198	139.802	5175.198	
8/11/09	20:25:00	7390	15.186	10.372	139.806	5175.194	139.806	5175.194	
8/11/09	20:30:00	7395	15.187	10.370	139.802	5175.198	139.802	5175.198	
8/11/09	20:35:00	7400	15.187	10.370	139.804	5175.196	139.804	5175.196	
8/11/09	20:40:00	7405	15.188	10.371	139.802	5175.198	139.802	5175.198	
8/11/09	20:45:00	7410	15.187	10.370	139.802	5175.198	139.802	5175.198	
8/11/09	20:50:00	7415	15.187	10.369	139.803	5175.197	139.803	5175.197	
8/11/09	20:55:00	7420	15.184	10.370	139.810	5175.190	139.810	5175.190	
8/11/09	21:00:00	7425	15.184	10.372	139.810	5175.190	139.810	5175.190	
8/11/09	21:05:00	7430	15.184	10.371	139.810	5175.190	139.810	5175.190	
8/11/09	21:10:00	7435	15.184	10.373	139.810	5175.190	139.810	5175.190	
8/11/09	21:15:00	7440	15.183	10.374	139.811	5175.189	139.811	5175.189	
8/11/09	21:20:00	7445	15.182	10.375	139.814	5175.186	139.814	5175.186	
8/11/09	21:25:00	7450	15.183	10.373	139.811	5175.189	139.811	5175.189	
8/11/09	21:30:00	7455	15.184	10.375	139.811	5175.189	139.811	5175.189	
8/11/09	21:35:00	7460	15.182	10.376	139.815	5175.185	139.815	5175.185	
8/11/09	21:40:00	7465	15.183	10.376	139.811	5175.189	139.811	5175.189	
8/11/09	21:45:00	7470	15.186	10.374	139.805	5175.195	139.805	5175.195	
8/11/09	21:50:00	7475	15.186	10.374	139.805	5175.195	139.805	5175.195	
8/11/09	21:55:00	7480	15.187	10.377	139.803	5175.197	139.803	5175.197	
8/11/09	22:00:00	7485	15.186	10.376	139.806	5175.194	139.806	5175.194	
8/11/09	22:05:00	7490	15.186	10.376	139.805	5175.195	139.805	5175.195	
8/11/09	22:10:00	7495	15.185	10.371	139.808	5175.192	139.808	5175.192	
8/11/09	22:15:00	7500	15.186	10.373	139.805	5175.195	139.805	5175.195	
8/11/09	22:20:00	7505	15.186	10.370	139.806	5175.194	139.806	5175.194	
8/11/09	22:25:00	7510	15.185	10.368	139.807	5175.193	139.807	5175.193	
8/11/09	22:30:00	7515	15.185	10.366	139.807	5175.193	139.807	5175.193	
8/11/09	22:35:00	7520	15.182	10.366	139.816	5175.184	139.816	5175.184	
8/11/09	22:40:00	7525	15.185	10.366	139.807	5175.193	139.807	5175.193	
8/11/09	22:45:00	7530	15.185	10.367	139.807	5175.193	139.807	5175.193	
8/11/09	22:50:00	7535	15.185	10.371	139.807	5175.193	139.807	5175.193	
8/11/09	22:55:00	7540	15.183	10.368	139.811	5175.189	139.811	5175.189	
8/11/09	23:00:00	7545	15.184	10.372	139.809	5175.191	139.809	5175.191	
8/11/09	23:05:00	7550	15.184	10.371	139.810	5175.190	139.810	5175.190	
8/11/09	23:10:00	7555	15.183	10.369	139.811	5175.189	139.811	5175.189	

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/11/09	23:15:00	7560	15.184	10.371	139.809	5175.191	139.809	5175.191
8/11/09	23:20:00	7565	15.185	10.372	139.808	5175.192	139.808	5175.192
8/11/09	23:25:00	7570	15.185	10.373	139.808	5175.192	139.808	5175.192
8/11/09	23:30:00	7575	15.185	10.371	139.807	5175.193	139.807	5175.193
8/11/09	23:35:00	7580	15.184	10.373	139.810	5175.190	139.810	5175.190
8/11/09	23:40:00	7585	15.185	10.375	139.807	5175.193	139.807	5175.193
8/11/09	23:45:00	7590	15.185	10.371	139.808	5175.192	139.808	5175.192
8/11/09	23:50:00	7595	15.184	10.371	139.810	5175.190	139.810	5175.190
8/11/09	23:55:00	7600	15.185	10.374	139.808	5175.192	139.808	5175.192
8/12/09	0:00:00	7605	15.184	10.373	139.809	5175.191	139.809	5175.191
8/12/09	0:05:00	7610	15.183	10.373	139.812	5175.188	139.812	5175.188
8/12/09	0:10:00	7615	15.184	10.372	139.809	5175.191	139.809	5175.191
8/12/09	0:15:00	7620	15.184	10.374	139.810	5175.190	139.810	5175.190
8/12/09	0:20:00	7625	15.185	10.374	139.808	5175.192	139.808	5175.192
8/12/09	0:25:00	7630	15.184	10.374	139.811	5175.189	139.811	5175.189
8/12/09	0:30:00	7635	15.184	10.375	139.811	5175.189	139.811	5175.189
8/12/09	0:35:00	7640	15.182	10.376	139.816	5175.184	139.816	5175.184
8/12/09	0:40:00	7645	15.184	10.373	139.809	5175.191	139.809	5175.191
8/12/09	0:45:00	7650	15.180	10.373	139.819	5175.181	139.819	5175.181
8/12/09	0:50:00	7655	15.179	10.373	139.820	5175.180	139.820	5175.180
8/12/09	0:55:00	7660	15.180	10.372	139.819	5175.181	139.819	5175.181
8/12/09	1:00:00	7665	15.180	10.370	139.819	5175.181	139.819	5175.181
8/12/09	1:05:00	7670	15.182	10.368	139.814	5175.186	139.814	5175.186
8/12/09	1:10:00	7675	15.180	10.368	139.818	5175.182	139.818	5175.182
8/12/09	1:15:00	7680	15.181	10.370	139.817	5175.183	139.817	5175.183
8/12/09	1:20:00	7685	15.181	10.370	139.818	5175.182	139.818	5175.182
8/12/09	1:25:00	7690	15.184	10.370	139.810	5175.190	139.810	5175.190
8/12/09	1:30:00	7695	15.182	10.375	139.815	5175.185	139.815	5175.185
8/12/09	1:35:00	7700	15.180	10.375	139.820	5175.180	139.820	5175.180
8/12/09	1:40:00	7705	15.183	10.369	139.812	5175.188	139.812	5175.188
8/12/09	1:45:00	7710	15.184	10.372	139.810	5175.190	139.810	5175.190
8/12/09	1:50:00	7715	15.184	10.366	139.811	5175.189	139.811	5175.189
8/12/09	1:55:00	7720	15.183	10.366	139.811	5175.189	139.811	5175.189
8/12/09	2:00:00	7725	15.180	10.372	139.820	5175.180	139.820	5175.180
8/12/09	2:05:00	7730	15.183	10.375	139.811	5175.189	139.811	5175.189
8/12/09	2:10:00	7735	15.183	10.374	139.812	5175.188	139.812	5175.188
8/12/09	2:15:00	7740	15.183	10.376	139.811	5175.189	139.811	5175.189
8/12/09	2:20:00	7745	15.183	10.374	139.812	5175.188	139.812	5175.188
8/12/09	2:25:00	7750	15.184	10.375	139.811	5175.189	139.811	5175.189
8/12/09	2:30:00	7755	15.182	10.371	139.814	5175.186	139.814	5175.186
8/12/09	2:35:00	7760	15.184	10.372	139.810	5175.190	139.810	5175.190
8/12/09	2:40:00	7765	15.183	10.372	139.813	5175.187	139.813	5175.187
8/12/09	2:45:00	7770	15.183	10.373	139.811	5175.189	139.811	5175.189
8/12/09	2:50:00	7775	15.183	10.369	139.813	5175.187	139.813	5175.187
8/12/09	2:55:00	7780	15.179	10.374	139.821	5175.179	139.821	5175.179
8/12/09	3:00:00	7785	15.183	10.375	139.812	5175.188	139.812	5175.188
8/12/09	3:05:00	7790	15.184	10.372	139.809	5175.191	139.809	5175.191
8/12/09	3:10:00	7795	15.183	10.373	139.811	5175.189	139.811	5175.189
8/12/09	3:15:00	7800	15.182	10.371	139.814	5175.186	139.814	5175.186
8/12/09	3:20:00	7805	15.183	10.369	139.811	5175.189	139.811	5175.189
8/12/09	3:25:00	7810	15.183	10.370	139.811	5175.189	139.811	5175.189
8/12/09	3:30:00	7815	15.183	10.377	139.812	5175.188	139.812	5175.188
8/12/09	3:35:00	7820	15.184	10.382	139.811	5175.189	139.811	5175.189
8/12/09	3:40:00	7825	15.184	10.375	139.811	5175.189	139.811	5175.189

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/12/09	3:45:00	7830	15.180	10.378	139.819	5175.181	139.819	5175.181
8/12/09	3:50:00	7835	15.184	10.381	139.809	5175.191	139.809	5175.191
8/12/09	3:55:00	7840	15.183	10.381	139.812	5175.188	139.812	5175.188
8/12/09	4:00:00	7845	15.183	10.378	139.812	5175.188	139.812	5175.188
8/12/09	4:05:00	7850	15.184	10.374	139.809	5175.191	139.809	5175.191
8/12/09	4:10:00	7855	15.183	10.374	139.813	5175.187	139.813	5175.187
8/12/09	4:15:00	7860	15.184	10.372	139.810	5175.190	139.810	5175.190
8/12/09	4:20:00	7865	15.184	10.376	139.809	5175.191	139.809	5175.191
8/12/09	4:25:00	7870	15.183	10.380	139.811	5175.189	139.811	5175.189
8/12/09	4:30:00	7875	15.184	10.382	139.810	5175.190	139.810	5175.190
8/12/09	4:35:00	7880	15.184	10.380	139.811	5175.189	139.811	5175.189
8/12/09	4:40:00	7885	15.184	10.379	139.811	5175.189	139.811	5175.189
8/12/09	4:45:00	7890	15.180	10.380	139.818	5175.182	139.818	5175.182
8/12/09	4:50:00	7895	15.181	10.377	139.816	5175.184	139.816	5175.184
8/12/09	4:55:00	7900	15.181	10.377	139.817	5175.183	139.817	5175.183
8/12/09	5:00:00	7905	15.181	10.377	139.817	5175.183	139.817	5175.183
8/12/09	5:05:00	7910	15.180	10.378	139.819	5175.181	139.819	5175.181
8/12/09	5:10:00	7915	15.182	10.381	139.813	5175.187	139.813	5175.187
8/12/09	5:15:00	7920	15.181	10.382	139.818	5175.182	139.818	5175.182
8/12/09	5:20:00	7925	15.181	10.378	139.816	5175.184	139.816	5175.184
8/12/09	5:25:00	7930	15.184	10.373	139.809	5175.191	139.809	5175.191
8/12/09	5:30:00	7935	15.182	10.376	139.815	5175.185	139.815	5175.185
8/12/09	5:35:00	7940	15.180	10.378	139.818	5175.182	139.818	5175.182
8/12/09	5:40:00	7945	15.185	10.380	139.807	5175.193	139.807	5175.193
8/12/09	5:45:00	7950	15.184	10.378	139.809	5175.191	139.809	5175.191
8/12/09	5:50:00	7955	15.185	10.378	139.807	5175.193	139.807	5175.193
8/12/09	5:55:00	7960	15.186	10.377	139.806	5175.194	139.806	5175.194
8/12/09	6:00:00	7965	15.182	10.375	139.816	5175.184	139.816	5175.184
8/12/09	6:05:00	7970	15.186	10.375	139.806	5175.194	139.806	5175.194
8/12/09	6:10:00	7975	15.185	10.375	139.808	5175.192	139.808	5175.192
8/12/09	6:15:00	7980	15.185	10.374	139.807	5175.193	139.807	5175.193
8/12/09	6:20:00	7985	15.183	10.374	139.812	5175.188	139.812	5175.188
8/12/09	6:25:00	7990	15.185	10.374	139.807	5175.193	139.807	5175.193
8/12/09	6:30:00	7995	15.185	10.373	139.807	5175.193	139.807	5175.193
8/12/09	6:35:00	8000	15.185	10.378	139.807	5175.193	139.807	5175.193
8/12/09	6:40:00	8005	15.184	10.376	139.809	5175.191	139.809	5175.191
8/12/09	6:45:00	8010	15.186	10.378	139.806	5175.194	139.806	5175.194
8/12/09	6:50:00	8015	15.182	10.375	139.815	5175.185	139.815	5175.185
8/12/09	6:55:00	8020	15.185	10.371	139.808	5175.192	139.808	5175.192
8/12/09	7:00:00	8025	15.185	10.366	139.807	5175.193	139.807	5175.193
8/12/09	7:05:00	8030	15.185	10.364	139.808	5175.192	139.808	5175.192
8/12/09	7:10:00	8035	15.185	10.366	139.807	5175.193	139.807	5175.193
8/12/09	7:15:00	8040	15.186	10.368	139.806	5175.194	139.806	5175.194
8/12/09	7:20:00	8045	15.182	10.372	139.815	5175.185	139.815	5175.185
8/12/09	7:25:00	8050	15.185	10.373	139.808	5175.192	139.808	5175.192
8/12/09	7:30:00	8055	15.185	10.375	139.808	5175.192	139.808	5175.192
8/12/09	7:35:00	8060	15.186	10.373	139.806	5175.194	139.806	5175.194
8/12/09	7:40:00	8065	15.186	10.374	139.806	5175.194	139.806	5175.194
8/12/09	7:45:00	8070	15.185	10.371	139.807	5175.193	139.807	5175.193
8/12/09	7:50:00	8075	15.186	10.374	139.806	5175.194	139.806	5175.194
8/12/09	7:55:00	8080	15.186	10.377	139.806	5175.194	139.806	5175.194
8/12/09	8:00:00	8085	15.185	10.377	139.807	5175.193	139.807	5175.193
8/12/09	8:05:00	8090	15.186	10.376	139.805	5175.195	139.805	5175.195
8/12/09	8:10:00	8095	15.187	10.376	139.804	5175.196	139.804	5175.196

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/12/09	8:15:00	8100	15.184	10.375	139.811	5175.189		139.811	5175.189
8/12/09	8:20:00	8105	15.188	10.377	139.800	5175.200		139.800	5175.200
8/12/09	8:25:00	8110	15.187	10.377	139.802	5175.198		139.802	5175.198
8/12/09	8:30:00	8115	15.189	10.377	139.799	5175.201		139.799	5175.201
8/12/09	8:35:00	8120	15.189	10.375	139.799	5175.201		139.799	5175.201
8/12/09	8:40:00	8125	15.185	10.377	139.807	5175.193		139.807	5175.193
8/12/09	8:45:00	8130	15.184	10.375	139.809	5175.191		139.809	5175.191
8/12/09	8:50:00	8135	15.188	10.371	139.800	5175.200		139.800	5175.200
8/12/09	8:55:00	8140	15.183	10.369	139.812	5175.188		139.812	5175.188
8/12/09	9:00:00	8145	15.182	10.371	139.814	5175.186		139.814	5175.186
8/12/09	9:05:00	8150	15.182	10.374	139.815	5175.185		139.815	5175.185
8/12/09	9:10:00	8155	15.181	10.373	139.817	5175.183		139.817	5175.183
8/12/09	9:15:00	8160	15.178	10.372	139.823	5175.177		139.823	5175.177
8/12/09	9:20:00	8165	15.178	10.372	139.824	5175.176		139.824	5175.176
8/12/09	9:25:00	8170	15.178	10.373	139.824	5175.176		139.824	5175.176
8/12/09	9:30:00	8175	15.178	10.377	139.824	5175.176		139.824	5175.176
8/12/09	9:35:00	8180	15.177	10.379	139.826	5175.174		139.826	5175.174
8/12/09	9:40:00	8185	15.181	10.379	139.817	5175.183		139.817	5175.183
8/12/09	9:45:00	8190	15.177	10.378	139.826	5175.174		139.826	5175.174
8/12/09	9:50:00	8195	15.178	10.372	139.824	5175.176		139.824	5175.176
8/12/09	9:55:00	8200	15.179	10.368	139.821	5175.179		139.821	5175.179
8/12/09	10:00:00	8205	15.180	10.366	139.818	5175.182		139.818	5175.182
8/12/09	10:05:00	8210	15.177	10.370	139.826	5175.174		139.826	5175.174
8/12/09	10:10:00	8215	15.177	10.372	139.827	5175.173		139.827	5175.173
8/12/09	10:15:00	8220	15.178	10.376	139.824	5175.176		139.824	5175.176
8/12/09	10:20:00	8225	15.175	10.378	139.831	5175.169		139.831	5175.169
8/12/09	10:25:00	8230	15.178	10.379	139.825	5175.175		139.825	5175.175
8/12/09	10:30:00	8235	15.177	10.380	139.827	5175.173		139.827	5175.173
8/12/09	10:35:00	8240	15.179	10.382	139.822	5175.178		139.822	5175.178
8/12/09	10:40:00	8245	15.178	10.378	139.824	5175.176		139.824	5175.176
8/12/09	10:45:00	8250	15.176	10.378	139.827	5175.173		139.827	5175.173
8/12/09	10:50:00	8255	15.180	10.369	139.818	5175.182		139.818	5175.182
8/12/09	10:55:00	8260	15.183	10.368	139.813	5175.187		139.813	5175.187
8/12/09	11:00:00	8265	15.182	10.368	139.814	5175.186		139.814	5175.186
8/12/09	11:05:00	8270	15.184	10.364	139.809	5175.191		139.809	5175.191
8/12/09	11:10:00	8275	15.182	10.368	139.814	5175.186		139.814	5175.186
8/12/09	11:15:00	8280	15.185	10.368	139.807	5175.193		139.807	5175.193
8/12/09	11:20:00	8285	15.187	10.369	139.803	5175.197		139.803	5175.197
8/12/09	11:25:00	8290	15.188	10.371	139.801	5175.199		139.801	5175.199
8/12/09	11:30:00	8295	15.188	10.372	139.801	5175.199		139.801	5175.199
8/12/09	11:35:00	8300	15.188	10.373	139.800	5175.200		139.800	5175.200
8/12/09	11:40:00	8305	15.186	10.368	139.804	5175.196		139.804	5175.196
8/12/09	11:45:00	8310	15.187	10.367	139.802	5175.198		139.802	5175.198
8/12/09	11:50:00	8315	15.190	10.370	139.797	5175.203		139.797	5175.203
8/12/09	11:55:00	8320	15.189	10.368	139.799	5175.201		139.799	5175.201
8/12/09	12:00:00	8325	15.189	10.372	139.798	5175.202		139.798	5175.202
8/12/09	12:05:00	8330	15.190	10.370	139.797	5175.203		139.797	5175.203
8/12/09	12:10:00	8335	15.195	10.369	139.785	5175.215		139.785	5175.215
8/12/09	12:15:00	8340	15.192	10.371	139.791	5175.209		139.791	5175.209
8/12/09	12:20:00	8345	15.196	10.368	139.783	5175.217		139.783	5175.217
8/12/09	12:25:00	8350	15.191	10.364	139.793	5175.207		139.793	5175.207
8/12/09	12:30:00	8355	15.192	10.365	139.791	5175.209		139.791	5175.209
8/12/09	12:35:00	8360	15.193	10.366	139.790	5175.210		139.790	5175.210
8/12/09	12:40:00	8365	15.198	10.365	139.777	5175.223		139.777	5175.223

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792 PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/12/09	12:45:00	8370	15.194	10.370	139.787	5175.213	139.787	5175.213
8/12/09	12:50:00	8375	15.197	10.376	139.781	5175.219	139.781	5175.219
8/12/09	12:55:00	8380	15.198	10.379	139.776	5175.224	139.776	5175.224
8/12/09	13:00:00	8385	15.197	10.380	139.780	5175.220	139.780	5175.220
8/12/09	13:05:00	8390	15.197	10.380	139.781	5175.219	139.781	5175.219
8/12/09	13:10:00	8395	15.196	10.377	139.781	5175.219	139.781	5175.219
8/12/09	13:15:00	8400	15.199	10.374	139.776	5175.224	139.776	5175.224
8/12/09	13:20:00	8405	15.199	10.373	139.776	5175.224	139.776	5175.224
8/12/09	13:25:00	8410	15.200	10.371	139.773	5175.227	139.773	5175.227
8/12/09	13:30:00	8415	15.198	10.374	139.777	5175.223	139.777	5175.223
8/12/09	13:35:00	8420	15.199	10.368	139.775	5175.225	139.775	5175.225
8/12/09	13:40:00	8425	15.195	10.368	139.785	5175.215	139.785	5175.215
8/12/09	13:45:00	8430	15.196	10.368	139.783	5175.217	139.783	5175.217
8/12/09	13:50:00	8435	15.198	10.370	139.778	5175.222	139.778	5175.222
8/12/09	13:55:00	8440	15.198	10.372	139.777	5175.223	139.777	5175.223
8/12/09	14:00:00	8445	15.196	10.374	139.783	5175.217	139.783	5175.217
8/12/09	14:05:00	8450	15.197	10.374	139.780	5175.220	139.780	5175.220
8/12/09	14:10:00	8455	15.199	10.372	139.775	5175.225	139.775	5175.225
8/12/09	14:15:00	8460	15.200	10.371	139.773	5175.227	139.773	5175.227
8/12/09	14:20:00	8465	15.201	10.370	139.770	5175.230	139.770	5175.230
8/12/09	14:25:00	8470	15.200	10.371	139.772	5175.228	139.772	5175.228
8/12/09	14:30:00	8475	15.201	10.369	139.770	5175.230	139.770	5175.230
8/12/09	14:35:00	8480	15.202	10.371	139.768	5175.232	139.768	5175.232
8/12/09	14:40:00	8485	15.199	10.372	139.775	5175.225	139.775	5175.225
8/12/09	14:45:00	8490	15.198	10.376	139.778	5175.222	139.778	5175.222
8/12/09	14:50:00	8495	15.202	10.376	139.769	5175.231	139.769	5175.231
8/12/09	14:55:00	8500	15.200	10.379	139.773	5175.227	139.773	5175.227
8/12/09	15:00:00	8505	15.203	10.376	139.766	5175.234	139.766	5175.234
8/12/09	15:05:00	8510	15.203	10.373	139.766	5175.234	139.766	5175.234
8/12/09	15:10:00	8515	15.202	10.371	139.768	5175.232	139.768	5175.232
8/12/09	15:15:00	8520	15.202	10.368	139.768	5175.232	139.768	5175.232
8/12/09	15:20:00	8525	15.200	10.371	139.774	5175.226	139.774	5175.226
8/12/09	15:25:00	8530	15.203	10.371	139.766	5175.234	139.766	5175.234
8/12/09	15:30:00	8535	15.203	10.375	139.766	5175.234	139.766	5175.234
8/12/09	15:35:00	8540	15.204	10.374	139.765	5175.235	139.765	5175.235
8/12/09	15:40:00	8545	15.203	10.375	139.765	5175.235	139.765	5175.235
8/12/09	15:45:00	8550	15.203	10.375	139.766	5175.234	139.766	5175.234
8/12/09	15:50:00	8555	15.204	10.378	139.765	5175.235	139.765	5175.235
8/12/09	15:55:00	8560	15.208	10.371	139.756	5175.244	139.756	5175.244
8/12/09	16:00:00	8565	15.207	10.376	139.756	5175.244	139.756	5175.244
8/12/09	16:05:00	8570	15.208	10.375	139.754	5175.246	139.754	5175.246
8/12/09	16:10:00	8575	15.208	10.374	139.756	5175.244	139.756	5175.244
8/12/09	16:15:00	8580	15.208	10.374	139.755	5175.245	139.755	5175.245
8/12/09	16:20:00	8585	15.208	10.376	139.754	5175.246	139.754	5175.246
8/12/09	16:25:00	8590	15.210	10.375	139.750	5175.250	139.750	5175.250
8/12/09	16:30:00	8595	15.205	10.371	139.761	5175.239	139.761	5175.239
8/12/09	16:35:00	8600	15.208	10.368	139.755	5175.245	139.755	5175.245
8/12/09	16:40:00	8605	15.205	10.370	139.760	5175.240	139.760	5175.240
8/12/09	16:45:00	8610	15.206	10.374	139.760	5175.240	139.760	5175.240
8/12/09	16:50:00	8615	15.207	10.376	139.756	5175.244	139.756	5175.244
8/12/09	16:55:00	8620	15.208	10.374	139.755	5175.245	139.755	5175.245
8/12/09	17:00:00	8625	15.207	10.374	139.756	5175.244	139.756	5175.244
8/12/09	17:05:00	8630	15.204	10.374	139.763	5175.237	139.763	5175.237
8/12/09	17:10:00	8635	15.205	10.376	139.762	5175.238	139.762	5175.238

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/12/09	17:15:00	8640	15.206	10.373	139.760	5175.240	139.760	5175.240
8/12/09	17:20:00	8645	15.207	10.376	139.757	5175.243	139.757	5175.243
8/12/09	17:25:00	8650	15.206	10.376	139.759	5175.241	139.759	5175.241
8/12/09	17:30:00	8655	15.208	10.378	139.755	5175.245	139.755	5175.245
8/12/09	17:35:00	8660	15.206	10.376	139.760	5175.240	139.760	5175.240
8/12/09	17:40:00	8665	15.208	10.376	139.755	5175.245	139.755	5175.245
8/12/09	17:45:00	8670	15.210	10.373	139.749	5175.251	139.749	5175.251
8/12/09	17:50:00	8675	15.211	10.373	139.748	5175.252	139.748	5175.252
8/12/09	17:55:00	8680	15.211	10.373	139.746	5175.254	139.746	5175.254
8/12/09	18:00:00	8685	15.211	10.376	139.747	5175.253	139.747	5175.253
8/12/09	18:05:00	8690	15.211	10.377	139.748	5175.252	139.748	5175.252
8/12/09	18:10:00	8695	15.211	10.379	139.746	5175.254	139.746	5175.254
8/12/09	18:15:00	8700	15.213	10.379	139.742	5175.258	139.742	5175.258
8/12/09	18:20:00	8705	15.210	10.373	139.749	5175.251	139.749	5175.251
8/12/09	18:25:00	8710	15.209	10.371	139.753	5175.247	139.753	5175.247
8/12/09	18:30:00	8715	15.213	10.375	139.742	5175.258	139.742	5175.258
8/12/09	18:35:00	8720	15.212	10.373	139.745	5175.255	139.745	5175.255
8/12/09	18:40:00	8725	15.214	10.376	139.741	5175.259	139.741	5175.259
8/12/09	18:45:00	8730	15.214	10.374	139.742	5175.258	139.742	5175.258
8/12/09	18:50:00	8735	15.213	10.374	139.744	5175.256	139.744	5175.256
8/12/09	18:55:00	8740	15.214	10.377	139.741	5175.259	139.741	5175.259
8/12/09	19:00:00	8745	15.215	10.378	139.739	5175.261	139.739	5175.261
8/12/09	19:05:00	8750	15.210	10.375	139.750	5175.250	139.750	5175.250
8/12/09	19:10:00	8755	15.213	10.375	139.743	5175.257	139.743	5175.257
8/12/09	19:15:00	8760	15.214	10.375	139.740	5175.260	139.740	5175.260
8/12/09	19:20:00	8765	15.213	10.373	139.743	5175.257	139.743	5175.257
8/12/09	19:25:00	8770	15.215	10.377	139.738	5175.262	139.738	5175.262
8/12/09	19:30:00	8775	15.214	10.378	139.740	5175.260	139.740	5175.260
8/12/09	19:35:00	8780	15.211	10.379	139.748	5175.252	139.748	5175.252
8/12/09	19:40:00	8785	15.214	10.376	139.740	5175.260	139.740	5175.260
8/12/09	19:45:00	8790	15.216	10.373	139.735	5175.265	139.735	5175.265
8/12/09	19:50:00	8795	15.214	10.373	139.740	5175.260	139.740	5175.260
8/12/09	19:55:00	8800	15.215	10.375	139.739	5175.261	139.739	5175.261
8/12/09	20:00:00	8805	15.212	10.378	139.745	5175.255	139.745	5175.255
8/12/09	20:05:00	8810	15.211	10.376	139.747	5175.253	139.747	5175.253
8/12/09	20:10:00	8815	15.215	10.377	139.737	5175.263	139.737	5175.263
8/12/09	20:15:00	8820	15.216	10.376	139.736	5175.264	139.736	5175.264
8/12/09	20:20:00	8825	15.216	10.378	139.737	5175.263	139.737	5175.263
8/12/09	20:25:00	8830	15.212	10.374	139.745	5175.255	139.745	5175.255
8/12/09	20:30:00	8835	15.215	10.368	139.738	5175.262	139.738	5175.262
8/12/09	20:35:00	8840	15.213	10.372	139.742	5175.258	139.742	5175.258
8/12/09	20:40:00	8845	15.217	10.372	139.734	5175.266	139.734	5175.266
8/12/09	20:45:00	8850	15.213	10.378	139.743	5175.257	139.743	5175.257
8/12/09	20:50:00	8855	15.211	10.378	139.747	5175.253	139.747	5175.253
8/12/09	20:55:00	8860	15.213	10.374	139.743	5175.257	139.743	5175.257
8/12/09	21:00:00	8865	15.212	10.373	139.746	5175.254	139.746	5175.254
8/12/09	21:05:00	8870	15.217	10.373	139.734	5175.266	139.734	5175.266
8/12/09	21:10:00	8875	15.211	10.375	139.747	5175.253	139.747	5175.253
8/12/09	21:15:00	8880	15.212	10.378	139.746	5175.254	139.746	5175.254
8/12/09	21:20:00	8885	15.212	10.379	139.745	5175.255	139.745	5175.255
8/12/09	21:25:00	8890	15.211	10.380	139.747	5175.253	139.747	5175.253
8/12/09	21:30:00	8895	15.212	10.374	139.744	5175.256	139.744	5175.256
8/12/09	21:35:00	8900	15.212	10.373	139.745	5175.255	139.745	5175.255
8/12/09	21:40:00	8905	15.212	10.373	139.746	5175.254	139.746	5175.254

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.000 GW Elevation		
8/12/09	21:45:00	8910	15.215	10.374	139.737	5175.263	139.737	5175.263
8/12/09	21:50:00	8915	15.215	10.373	139.738	5175.262	139.738	5175.262
8/12/09	21:55:00	8920	15.212	10.376	139.745	5175.255	139.745	5175.255
8/12/09	22:00:00	8925	15.215	10.378	139.737	5175.263	139.737	5175.263
8/12/09	22:05:00	8930	15.211	10.374	139.747	5175.253	139.747	5175.253
8/12/09	22:10:00	8935	15.215	10.376	139.737	5175.263	139.737	5175.263
8/12/09	22:15:00	8940	15.216	10.374	139.737	5175.263	139.737	5175.263
8/12/09	22:20:00	8945	15.212	10.373	139.745	5175.255	139.745	5175.255
8/12/09	22:25:00	8950	15.212	10.370	139.745	5175.255	139.745	5175.255
8/12/09	22:30:00	8955	15.217	10.368	139.735	5175.265	139.735	5175.265
8/12/09	22:35:00	8960	15.213	10.368	139.743	5175.257	139.743	5175.257
8/12/09	22:40:00	8965	15.212	10.368	139.745	5175.255	139.745	5175.255
8/12/09	22:45:00	8970	15.211	10.371	139.748	5175.252	139.748	5175.252
8/12/09	22:50:00	8975	15.216	10.372	139.737	5175.263	139.737	5175.263
8/12/09	22:55:00	8980	15.213	10.369	139.744	5175.256	139.744	5175.256
8/12/09	23:00:00	8985	15.215	10.367	139.739	5175.261	139.739	5175.261
8/12/09	23:05:00	8990	15.214	10.368	139.740	5175.260	139.740	5175.260
8/12/09	23:10:00	8995	15.212	10.370	139.746	5175.254	139.746	5175.254
8/12/09	23:15:00	9000	15.211	10.372	139.747	5175.253	139.747	5175.253
8/12/09	23:20:00	9005	15.212	10.373	139.746	5175.254	139.746	5175.254
8/12/09	23:25:00	9010	15.211	10.372	139.749	5175.251	139.749	5175.251
8/12/09	23:30:00	9015	15.212	10.371	139.745	5175.255	139.745	5175.255
8/12/09	23:35:00	9020	15.211	10.370	139.747	5175.253	139.747	5175.253
8/12/09	23:40:00	9025	15.215	10.371	139.739	5175.261	139.739	5175.261
8/12/09	23:45:00	9030	15.212	10.372	139.746	5175.254	139.746	5175.254
8/12/09	23:50:00	9035	15.215	10.371	139.738	5175.262	139.738	5175.262
8/12/09	23:55:00	9040	15.215	10.373	139.738	5175.262	139.738	5175.262
8/13/09	0:00:00	9045	15.212	10.373	139.745	5175.255	139.745	5175.255
8/13/09	0:05:00	9050	15.212	10.373	139.746	5175.254	139.746	5175.254
8/13/09	0:10:00	9055	15.215	10.374	139.738	5175.262	139.738	5175.262
8/13/09	0:15:00	9060	15.215	10.375	139.738	5175.262	139.738	5175.262
8/13/09	0:20:00	9065	15.211	10.375	139.747	5175.253	139.747	5175.253
8/13/09	0:25:00	9070	15.214	10.373	139.740	5175.260	139.740	5175.260
8/13/09	0:30:00	9075	15.214	10.373	139.740	5175.260	139.740	5175.260
8/13/09	0:35:00	9080	15.215	10.372	139.739	5175.261	139.739	5175.261
8/13/09	0:40:00	9085	15.211	10.372	139.748	5175.252	139.748	5175.252
8/13/09	0:45:00	9090	15.211	10.374	139.748	5175.252	139.748	5175.252
8/13/09	0:50:00	9095	15.213	10.374	139.743	5175.257	139.743	5175.257
8/13/09	0:55:00	9100	15.209	10.369	139.751	5175.249	139.751	5175.249
8/13/09	1:00:00	9105	15.211	10.368	139.749	5175.251	139.749	5175.251
8/13/09	1:05:00	9110	15.210	10.369	139.750	5175.250	139.750	5175.250
8/13/09	1:10:00	9115	15.209	10.369	139.752	5175.248	139.752	5175.248
8/13/09	1:15:00	9120	15.210	10.373	139.749	5175.251	139.749	5175.251
8/13/09	1:20:00	9125	15.209	10.374	139.752	5175.248	139.752	5175.248
8/13/09	1:25:00	9130	15.209	10.373	139.752	5175.248	139.752	5175.248
8/13/09	1:30:00	9135	15.210	10.371	139.750	5175.250	139.750	5175.250
8/13/09	1:35:00	9140	15.208	10.373	139.754	5175.246	139.754	5175.246
8/13/09	1:40:00	9145	15.212	10.376	139.745	5175.255	139.745	5175.255
8/13/09	1:45:00	9150	15.213	10.370	139.742	5175.258	139.742	5175.258
8/13/09	1:50:00	9155	15.211	10.369	139.748	5175.252	139.748	5175.252
8/13/09	1:55:00	9160	15.209	10.371	139.752	5175.248	139.752	5175.248
8/13/09	2:00:00	9165	15.213	10.369	139.744	5175.256	139.744	5175.256
8/13/09	2:05:00	9170	15.210	10.375	139.750	5175.250	139.750	5175.250
8/13/09	2:10:00	9175	15.213	10.373	139.743	5175.257	139.743	5175.257



**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/13/09	2:15:00	9180	15.213	10.373	139.743	5175.257		139.743	5175.257
8/13/09	2:20:00	9185	15.209	10.374	139.752	5175.248		139.752	5175.248
8/13/09	2:25:00	9190	15.213	10.376	139.744	5175.256		139.744	5175.256
8/13/09	2:30:00	9195	15.214	10.378	139.741	5175.259		139.741	5175.259
8/13/09	2:35:00	9200	15.213	10.378	139.743	5175.257		139.743	5175.257
8/13/09	2:40:00	9205	15.214	10.375	139.741	5175.259		139.741	5175.259
8/13/09	2:45:00	9210	15.213	10.376	139.743	5175.257		139.743	5175.257
8/13/09	2:50:00	9215	15.212	10.379	139.744	5175.256		139.744	5175.256
8/13/09	2:55:00	9220	15.213	10.378	139.742	5175.258		139.742	5175.258
8/13/09	3:00:00	9225	15.213	10.371	139.743	5175.257		139.743	5175.257
8/13/09	3:05:00	9230	15.213	10.368	139.742	5175.258		139.742	5175.258
8/13/09	3:10:00	9235	15.214	10.366	139.740	5175.260		139.740	5175.260
8/13/09	3:15:00	9240	15.210	10.367	139.750	5175.250		139.750	5175.250
8/13/09	3:20:00	9245	15.212	10.368	139.744	5175.256		139.744	5175.256
8/13/09	3:25:00	9250	15.215	10.367	139.739	5175.261		139.739	5175.261
8/13/09	3:30:00	9255	15.214	10.367	139.741	5175.259		139.741	5175.259
8/13/09	3:35:00	9260	15.213	10.365	139.743	5175.257		139.743	5175.257
8/13/09	3:40:00	9265	15.215	10.368	139.739	5175.261		139.739	5175.261
8/13/09	3:45:00	9270	15.215	10.371	139.738	5175.262		139.738	5175.262
8/13/09	3:50:00	9275	15.211	10.373	139.747	5175.253		139.747	5175.253
8/13/09	3:55:00	9280	15.211	10.376	139.747	5175.253		139.747	5175.253
8/13/09	4:00:00	9285	15.215	10.378	139.739	5175.261		139.739	5175.261
8/13/09	4:05:00	9290	15.215	10.379	139.739	5175.261		139.739	5175.261
8/13/09	4:10:00	9295	15.210	10.379	139.749	5175.251		139.749	5175.251
8/13/09	4:15:00	9300	15.214	10.375	139.740	5175.260		139.740	5175.260
8/13/09	4:20:00	9305	15.214	10.370	139.740	5175.260		139.740	5175.260
8/13/09	4:25:00	9310	15.211	10.370	139.747	5175.253		139.747	5175.253
8/13/09	4:30:00	9315	15.211	10.367	139.748	5175.252		139.748	5175.252
8/13/09	4:35:00	9320	15.214	10.368	139.741	5175.259		139.741	5175.259
8/13/09	4:40:00	9325	15.215	10.371	139.738	5175.262		139.738	5175.262
8/13/09	4:45:00	9330	15.212	10.367	139.745	5175.255		139.745	5175.255
8/13/09	4:50:00	9335	15.213	10.368	139.744	5175.256		139.744	5175.256
8/13/09	4:55:00	9340	15.212	10.366	139.744	5175.256		139.744	5175.256
8/13/09	5:00:00	9345	15.212	10.369	139.746	5175.254		139.746	5175.254
8/13/09	5:05:00	9350	15.212	10.366	139.745	5175.255		139.745	5175.255
8/13/09	5:10:00	9355	15.212	10.365	139.745	5175.255		139.745	5175.255
8/13/09	5:15:00	9360	15.212	10.369	139.745	5175.255		139.745	5175.255
8/13/09	5:20:00	9365	15.215	10.366	139.738	5175.262		139.738	5175.262
8/13/09	5:25:00	9370	15.212	10.368	139.745	5175.255		139.745	5175.255
8/13/09	5:30:00	9375	15.215	10.368	139.739	5175.261		139.739	5175.261
8/13/09	5:35:00	9380	15.214	10.371	139.742	5175.258		139.742	5175.258
8/13/09	5:40:00	9385	15.215	10.368	139.738	5175.262		139.738	5175.262
8/13/09	5:45:00	9390	15.216	10.366	139.736	5175.264		139.736	5175.264
8/13/09	5:50:00	9395	15.216	10.368	139.736	5175.264		139.736	5175.264
8/13/09	5:55:00	9400	15.215	10.371	139.739	5175.261		139.739	5175.261
8/13/09	6:00:00	9405	15.214	10.371	139.740	5175.260		139.740	5175.260
8/13/09	6:05:00	9410	15.215	10.373	139.739	5175.261		139.739	5175.261
8/13/09	6:10:00	9415	15.211	10.375	139.747	5175.253		139.747	5175.253
8/13/09	6:15:00	9420	15.216	10.369	139.737	5175.263		139.737	5175.263
8/13/09	6:20:00	9425	15.211	10.371	139.748	5175.252		139.748	5175.252
8/13/09	6:25:00	9430	15.215	10.371	139.739	5175.261		139.739	5175.261
8/13/09	6:30:00	9435	15.216	10.371	139.736	5175.264		139.736	5175.264
8/13/09	6:35:00	9440	15.215	10.371	139.737	5175.263		139.737	5175.263
8/13/09	6:40:00	9445	15.215	10.369	139.739	5175.261		139.739	5175.261

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/13/09	6:45:00	9450	15.215	10.368	139.739	5175.261	139.739	5175.261
8/13/09	6:50:00	9455	15.215	10.364	139.739	5175.261	139.739	5175.261
8/13/09	6:55:00	9460	15.215	10.367	139.739	5175.261	139.739	5175.261
8/13/09	7:00:00	9465	15.215	10.365	139.739	5175.261	139.739	5175.261
8/13/09	7:05:00	9470	15.214	10.371	139.740	5175.260	139.740	5175.260
8/13/09	7:10:00	9475	15.211	10.370	139.747	5175.253	139.747	5175.253
8/13/09	7:15:00	9480	15.214	10.371	139.741	5175.259	139.741	5175.259
8/13/09	7:20:00	9485	15.215	10.375	139.739	5175.261	139.739	5175.261
8/13/09	7:25:00	9490	15.215	10.372	139.739	5175.261	139.739	5175.261
8/13/09	7:30:00	9495	15.214	10.373	139.740	5175.260	139.740	5175.260
8/13/09	7:35:00	9500	15.214	10.374	139.740	5175.260	139.740	5175.260
8/13/09	7:40:00	9505	15.215	10.373	139.739	5175.261	139.739	5175.261
8/13/09	7:45:00	9510	15.216	10.371	139.735	5175.265	139.735	5175.265
8/13/09	7:50:00	9515	15.216	10.369	139.735	5175.265	139.735	5175.265
8/13/09	7:55:00	9520	15.212	10.368	139.745	5175.255	139.745	5175.255
8/13/09	8:00:00	9525	15.216	10.368	139.736	5175.264	139.736	5175.264
8/13/09	8:05:00	9530	15.218	10.365	139.731	5175.269	139.731	5175.269
8/13/09	8:10:00	9535	15.214	10.366	139.741	5175.259	139.741	5175.259
8/13/09	8:15:00	9540	15.219	10.365	139.730	5175.270	139.730	5175.270
8/13/09	8:20:00	9545	15.217	10.363	139.733	5175.267	139.733	5175.267
8/13/09	8:25:00	9550	15.217	10.364	139.734	5175.266	139.734	5175.266
8/13/09	8:30:00	9555	15.215	10.369	139.737	5175.263	139.737	5175.263
8/13/09	8:35:00	9560	15.217	10.368	139.734	5175.266	139.734	5175.266
8/13/09	8:40:00	9565	15.214	10.370	139.742	5175.258	139.742	5175.258
8/13/09	8:45:00	9570	15.219	10.374	139.730	5175.270	139.730	5175.270
8/13/09	8:50:00	9575	15.212	10.378	139.745	5175.255	139.745	5175.255
8/13/09	8:55:00	9580	15.216	10.382	139.735	5175.265	139.735	5175.265
8/13/09	9:00:00	9585	15.212	10.374	139.745	5175.255	139.745	5175.255
8/13/09	9:05:00	9590	15.213	10.374	139.743	5175.257	139.743	5175.257
8/13/09	9:10:00	9595	15.214	10.371	139.741	5175.259	139.741	5175.259
8/13/09	9:15:00	9600	15.214	10.370	139.742	5175.258	139.742	5175.258
8/13/09	9:20:00	9605	15.215	10.369	139.739	5175.261	139.739	5175.261
8/13/09	9:25:00	9610	15.213	10.369	139.744	5175.256	139.744	5175.256
8/13/09	9:30:00	9615	15.214	10.367	139.740	5175.260	139.740	5175.260
8/13/09	9:35:00	9620	15.217	10.363	139.733	5175.267	139.733	5175.267
8/13/09	9:40:00	9625	15.215	10.366	139.739	5175.261	139.739	5175.261
8/13/09	9:45:00	9630	15.214	10.372	139.741	5175.259	139.741	5175.259
8/13/09	9:50:00	9635	15.217	10.375	139.733	5175.267	139.733	5175.267
8/13/09	9:55:00	9640	15.218	10.376	139.732	5175.268	139.732	5175.268
8/13/09	10:00:00	9645	15.218	10.373	139.732	5175.268	139.732	5175.268
8/13/09	10:05:00	9650	15.218	10.371	139.732	5175.268	139.732	5175.268
8/13/09	10:10:00	9655.003	15.224	10.372	139.718	5175.282	139.718	5175.282
8/13/09	10:15:00	9660	15.221	10.368	139.725	5175.275	139.725	5175.275
8/13/09	10:20:00	9665	15.217	10.369	139.734	5175.266	139.734	5175.266
8/13/09	10:25:00	9670	15.219	10.371	139.729	5175.271	139.729	5175.271
8/13/09	10:30:00	9675	15.220	10.367	139.726	5175.274	139.726	5175.274
8/13/09	10:35:00	9680	15.221	10.365	139.725	5175.275	139.725	5175.275
8/13/09	10:40:00	9685	15.222	10.362	139.723	5175.277	139.723	5175.277
8/13/09	10:45:00	9690	15.220	10.366	139.726	5175.274	139.726	5175.274
8/13/09	10:50:00	9695	15.222	10.370	139.723	5175.277	139.723	5175.277
8/13/09	10:55:00	9700	15.220	10.369	139.726	5175.274	139.726	5175.274
8/13/09	11:00:00	9705	15.220	10.364	139.727	5175.273	139.727	5175.273
8/13/09	11:05:00	9710	15.221	10.365	139.725	5175.275	139.725	5175.275
8/13/09	11:10:00	9715	15.221	10.367	139.723	5175.277	139.723	5175.277

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792: SN#: 13792 SN#: 137922			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000 GW Elevation		
8/13/09	11:15:00	9720	15.222	10.373	139.723	5175.277	139.723	5175.277
8/13/09	11:20:00	9725	15.222	10.371	139.723	5175.277	139.723	5175.277
8/13/09	11:25:00	9730	15.221	10.375	139.725	5175.275	139.725	5175.275
8/13/09	11:30:00	9735	15.222	10.370	139.722	5175.278	139.722	5175.278
8/13/09	11:35:00	9740	15.221	10.370	139.724	5175.276	139.724	5175.276
8/13/09	11:40:00	9745	15.219	10.368	139.730	5175.270	139.730	5175.270
8/13/09	11:45:00	9750	15.222	10.366	139.722	5175.278	139.722	5175.278
8/13/09	11:50:00	9755	15.222	10.366	139.723	5175.277	139.723	5175.277
8/13/09	11:55:00	9760	15.222	10.367	139.722	5175.278	139.722	5175.278
8/13/09	12:00:00	9765	15.223	10.369	139.720	5175.280	139.720	5175.280
8/13/09	12:05:00	9770	15.224	10.375	139.718	5175.282	139.718	5175.282
8/13/09	12:10:00	9775	15.223	10.373	139.719	5175.281	139.719	5175.281
8/13/09	12:15:00	9780	15.224	10.370	139.719	5175.281	139.719	5175.281
8/13/09	12:20:00	9785	15.224	10.370	139.718	5175.282	139.718	5175.282
8/13/09	12:25:00	9790	15.225	10.365	139.715	5175.285	139.715	5175.285
8/13/09	12:30:00	9795	15.223	10.365	139.720	5175.280	139.720	5175.280
8/13/09	12:35:00	9800	15.225	10.368	139.716	5175.284	139.716	5175.284
8/13/09	12:40:00	9805	15.221	10.368	139.723	5175.277	139.723	5175.277
8/13/09	12:45:00	9810	15.225	10.371	139.716	5175.284	139.716	5175.284
8/13/09	12:50:00	9815	15.226	10.375	139.712	5175.288	139.712	5175.288
8/13/09	12:55:00	9820	15.226	10.373	139.714	5175.286	139.714	5175.286
8/13/09	13:00:00	9825	15.223	10.372	139.721	5175.279	139.721	5175.279
8/13/09	13:05:00	9830	15.222	10.374	139.723	5175.277	139.723	5175.277
8/13/09	13:10:00	9835	15.224	10.372	139.718	5175.282	139.718	5175.282
8/13/09	13:15:00	9840	15.221	10.370	139.723	5175.277	139.723	5175.277
8/13/09	13:20:00	9845	15.223	10.367	139.719	5175.281	139.719	5175.281
8/13/09	13:25:00	9850	15.225	10.369	139.716	5175.284	139.716	5175.284
8/13/09	13:30:00	9855	15.222	10.371	139.721	5175.279	139.721	5175.279
8/13/09	13:35:00	9860	15.224	10.371	139.717	5175.283	139.717	5175.283
8/13/09	13:40:00	9865	15.227	10.369	139.710	5175.290	139.710	5175.290
8/13/09	13:45:00	9870	15.227	10.371	139.710	5175.290	139.710	5175.290
8/13/09	13:50:00	9875	15.223	10.370	139.719	5175.281	139.719	5175.281
8/13/09	13:55:00	9880	-0.103	11.547	175.107	5139.893		
8/13/09	14:00:00	9885	0.002	29.271	174.864	5140.136		
8/13/09	14:05:00	9890	0.043	39.694	174.771	5140.229		
8/13/09	14:10:00	9895	29.505	16.290	106.744	5208.256	133.751	5181.249
8/13/09	14:15:00	9900	28.976	11.820	107.964	5207.036	134.971	5180.029
8/13/09	14:20:00	9905	28.576	10.900	108.888	5206.112	135.895	5179.105
8/13/09	14:25:00	9910	28.269	10.701	109.596	5205.404	136.603	5178.397
8/13/09	14:30:00	9915	28.017	10.647	110.179	5204.821	137.186	5177.814
8/13/09	14:35:00	9920.001	27.815	10.637	110.645	5204.355	137.652	5177.348
8/13/09	14:40:00	9925.001	27.663	10.635	110.996	5204.004	138.003	5176.997
8/13/09	14:45:00	9930	27.542	10.584	111.276	5203.724	138.283	5176.717
8/13/09	14:50:00	9935	27.440	10.587	111.511	5203.489	138.518	5176.482
8/13/09	14:55:00	9940	27.358	10.607	111.700	5203.300	138.707	5176.293
8/13/09	15:00:00	9945	27.293	10.606	111.850	5203.150	138.857	5176.143
8/13/09	15:05:00	9950	27.238	10.606	111.978	5203.022	138.985	5176.015
8/13/09	15:10:00	9955	27.193	10.608	112.082	5202.918	139.089	5175.911
8/13/09	15:35:03	0	27.069	10.579	139.372	5175.628	139.372	5175.628
8/13/09	15:35:18	0.25	27.070	10.576	139.371	5175.629	139.371	5175.629
8/13/09	15:35:33	0.5	27.069	10.575	139.373	5175.627	139.373	5175.627
8/13/09	15:35:48	0.75	27.068	10.573	139.376	5175.624	139.376	5175.624
8/13/09	15:36:03	1	27.062	10.571	139.390	5175.610	139.390	5175.610
8/13/09	15:36:18	1.25	27.066	10.568	139.381	5175.619	139.381	5175.619

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 137922			TOC Elev		Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.000	GW Elevation		
8/13/09	15:36:33	1.5	27.066	10.567	139.380	5175.620	139.380	5175.620	
8/13/09	15:36:48	1.75	27.059	10.565	139.396	5175.604	139.396	5175.604	
8/13/09	15:37:03	2	26.157	10.567	141.480	5173.520	141.480	5173.520	
8/13/09	15:37:18	2.25	24.434	10.564	145.457	5169.543	145.457	5169.543	
8/13/09	15:37:33	2.5	22.847	10.563	149.122	5165.878	149.122	5165.878	
8/13/09	15:37:48	2.75	21.368	10.567	152.536	5162.464	152.536	5162.464	
8/13/09	15:38:03	3	19.902	10.572	155.921	5159.079	155.921	5159.079	
8/13/09	15:38:18	3.25	18.433	10.573	159.314	5155.686	159.314	5155.686	
8/13/09	15:38:33	3.5	16.965	10.580	162.703	5152.297	162.703	5152.297	
8/13/09	15:38:48	3.75	15.540	10.588	165.993	5149.007	165.993	5149.007	
8/13/09	15:39:03	4	14.170	10.594	169.157	5145.843	169.157	5145.843	
8/13/09	15:39:18	4.25	12.856	10.603	172.191	5142.809	172.191	5142.809	
8/13/09	15:39:33	4.5	11.569	10.620	175.162	5139.838	175.162	5139.838	
8/13/09	15:39:48	4.75	10.290	10.640	178.114	5136.886	178.114	5136.886	
8/13/09	15:40:03	5	9.033	10.663	181.018	5133.982	181.018	5133.982	
8/13/09	15:40:18	5.25	7.804	10.687	183.854	5131.146	183.854	5131.146	
8/13/09	15:40:33	5.5	6.616	10.718	186.599	5128.401	186.599	5128.401	
8/13/09	15:40:48	5.75	5.440	10.756	189.313	5125.687	189.313	5125.687	
8/13/09	15:41:03	6	4.297	10.798	191.954	5123.046	191.954	5123.046	
8/13/09	15:41:18	6.25	3.179	10.844	194.535	5120.465	194.535	5120.465	
8/13/09	15:41:33	6.5	2.095	10.888	197.038	5117.962	197.038	5117.962	
8/13/09	15:41:48	6.75	1.034	10.927	199.488	5115.512	199.488	5115.512	
8/13/09	15:42:03	7	0.017	10.971	201.836	5113.164	201.836	5113.164	
8/13/09	15:42:18	7.25	0.015	11.001	201.841	5113.159	201.841	5113.159	
8/13/09	15:42:33	7.5	0.016	11.024	201.837	5113.163	201.837	5113.163	
8/13/09	15:42:48	7.75	0.033	11.042	201.799	5113.201	201.799	5113.201	
8/13/09	15:43:03	8	0.032	11.055	201.800	5113.200	201.800	5113.200	
8/13/09	15:43:18	8.25	0.034	11.067	201.796	5113.204	201.796	5113.204	
8/13/09	15:43:33	8.5	0.042	11.082	201.778	5113.222	201.778	5113.222	
8/13/09	15:43:48	8.75	0.042	11.091	201.778	5113.222	201.778	5113.222	
8/13/09	15:44:03	9	0.041	11.103	201.780	5113.220	201.780	5113.220	
8/13/09	15:44:18	9.25	0.038	11.110	201.786	5113.214	201.786	5113.214	
8/13/09	15:44:33	9.5	0.037	11.115	201.790	5113.210	201.790	5113.210	
8/13/09	15:44:48	9.75	0.037	11.123	201.790	5113.210	201.790	5113.210	
8/13/09	15:45:03	10	0.033	11.128	201.798	5113.202	201.798	5113.202	
8/13/09	15:45:18	10.25	0.041	11.133	201.779	5113.221	201.779	5113.221	
8/13/09	15:45:33	10.5	0.034	11.138	201.797	5113.203	201.797	5113.203	
8/13/09	15:45:48	10.75	0.035	11.144	201.794	5113.206	201.794	5113.206	
8/13/09	15:46:03	11	0.028	11.150	201.809	5113.191	201.809	5113.191	
8/13/09	15:46:18	11.25	0.036	11.153	201.791	5113.209	201.791	5113.209	
8/13/09	15:46:33	11.5	0.029	11.156	201.808	5113.192	201.808	5113.192	
8/13/09	15:46:48	11.75	0.029	11.158	201.807	5113.193	201.807	5113.193	
8/13/09	15:47:03	12	0.031	11.162	201.802	5113.198	201.802	5113.198	
8/13/09	15:47:18	12.25	0.031	11.163	201.803	5113.197	201.803	5113.197	
8/13/09	15:47:33	12.5	0.029	11.163	201.807	5113.193	201.807	5113.193	
8/13/09	15:47:48	12.75	0.034	11.167	201.796	5113.204	201.796	5113.204	
8/13/09	15:48:03	13	0.032	11.169	201.801	5113.199	201.801	5113.199	
8/13/09	15:48:18	13.25	0.033	11.171	201.798	5113.202	201.798	5113.202	
8/13/09	15:48:33	13.5	0.033	11.174	201.799	5113.201	201.799	5113.201	
8/13/09	15:48:48	13.75	0.034	11.178	201.796	5113.204	201.796	5113.204	
8/13/09	15:49:03	14	0.034	11.175	201.796	5113.204	201.796	5113.204	
8/13/09	15:49:18	14.25	0.034	11.179	201.796	5113.204	201.796	5113.204	
8/13/09	15:49:33	14.5	0.036	11.171	201.792	5113.208	201.792	5113.208	
8/13/09	15:49:48	14.75	0.033	11.163	201.798	5113.202	201.798	5113.202	

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792 Temp - C	SN#: 137922 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/13/09	15:50:03	15	0.034	11.160	201.795	5113.205		201.795	5113.205
8/13/09	15:50:18	15.25	0.033	11.153	201.798	5113.202		201.798	5113.202
8/13/09	15:50:33	15.5	0.034	11.154	201.796	5113.204		201.796	5113.204
8/13/09	15:50:48	15.75	0.034	11.151	201.795	5113.205		201.795	5113.205
8/13/09	15:51:03	16	0.035	11.151	201.794	5113.206		201.794	5113.206
8/13/09	15:51:18	16.25	0.034	11.146	201.797	5113.203		201.797	5113.203
8/13/09	15:51:33	16.5	0.034	11.144	201.797	5113.203		201.797	5113.203
8/13/09	15:51:48	16.75	0.032	11.142	201.801	5113.199		201.801	5113.199
8/13/09	15:52:03	17	0.033	11.140	201.799	5113.201		201.799	5113.201
8/13/09	15:52:18	17.25	0.034	11.140	201.797	5113.203		201.797	5113.203
8/13/09	15:52:33	17.5	0.034	11.135	201.796	5113.204		201.796	5113.204
8/13/09	15:52:48	17.75	0.034	11.133	201.796	5113.204		201.796	5113.204
8/13/09	15:53:03	18	0.035	11.134	201.794	5113.206		201.794	5113.206
8/13/09	15:53:18	18.25	0.034	11.131	201.795	5113.205		201.795	5113.205
8/13/09	15:53:33	18.5	0.035	11.132	201.794	5113.206		201.794	5113.206
8/13/09	15:53:48	18.75	0.035	11.129	201.794	5113.206		201.794	5113.206
8/13/09	15:54:03	19	0.035	11.125	201.793	5113.207		201.793	5113.207
8/13/09	15:54:18	19.25	0.034	11.124	201.796	5113.204		201.796	5113.204
8/13/09	15:54:33	19.5	0.032	11.120	201.801	5113.199		201.801	5113.199
8/13/09	15:54:48	19.75	0.031	11.121	201.804	5113.196		201.804	5113.196
8/13/09	16:00:09	0	2.993	11.195	201.049	5113.951		201.049	5113.951
8/13/09	16:05:09	5	8.530	11.140	188.264	5126.736		182.204	5132.796
8/13/09	16:10:09	10	12.610	11.040	178.843	5136.157		172.783	5142.217
8/13/09	16:15:09	15	15.645	10.959	171.836	5143.164		165.776	5149.224
8/13/09	16:20:09	20	17.924	10.926	166.574	5148.426		160.514	5154.486
8/13/09	16:25:09	25	19.662	10.904	162.562	5152.438		156.502	5158.498
8/13/09	16:30:09	30	20.998	10.887	159.477	5155.523		153.417	5161.583
8/13/09	16:35:09	35	22.036	10.878	157.080	5157.920		151.020	5163.980
8/13/09	16:40:09	40	22.851	10.866	155.199	5159.801		149.139	5165.861
8/13/09	16:45:09	45	23.496	10.866	153.709	5161.291		147.649	5167.351
8/13/09	16:50:09	50	24.015	10.869	152.510	5162.490		146.450	5168.550
8/13/09	16:55:09	55	24.432	10.859	151.549	5163.451		145.489	5169.511
8/13/09	17:00:09	60	24.775	10.846	150.757	5164.243		144.697	5170.303
8/13/09	17:05:09	65	25.048	10.830	150.125	5164.875		144.065	5170.935
8/13/09	17:10:09	70	25.281	10.813	149.588	5165.412		143.528	5171.472
8/13/09	17:15:09	75	25.478	10.810	149.132	5165.868		143.072	5171.928
8/13/09	17:20:09	80	25.639	10.857	148.761	5166.239		142.701	5172.299
8/13/09	17:25:09	85	25.778	10.891	148.441	5166.559		142.381	5172.619
8/13/09	17:30:09	90	25.896	10.902	148.168	5166.832		142.108	5172.892
8/13/09	17:35:09	95	25.997	10.894	147.934	5167.066		141.874	5173.126
8/13/09	17:40:09	100	26.085	10.886	147.731	5167.269		141.671	5173.329
8/13/09	17:45:09	105	26.161	10.869	147.556	5167.444		141.496	5173.504
8/13/09	17:50:09	110	26.227	10.866	147.403	5167.597		141.343	5173.657
8/13/09	17:55:09	115	26.287	10.860	147.264	5167.736		141.204	5173.796
8/13/09	18:00:09	120	26.340	10.865	147.141	5167.859		141.081	5173.919
8/13/09	18:05:09	125	26.388	10.855	147.031	5167.969		140.971	5174.029
8/13/09	18:10:09	130	26.429	10.842	146.936	5168.064		140.876	5174.124
8/13/09	18:15:09	135	26.469	10.837	146.845	5168.155		140.785	5174.215
8/13/09	18:20:09	140	26.497	10.828	146.781	5168.219		140.721	5174.279
8/13/09	18:25:09	145	26.530	10.830	146.704	5168.296		140.644	5174.356
8/13/09	18:30:09	150	26.555	10.829	146.646	5168.354		140.586	5174.414
8/13/09	18:35:09	155	26.582	10.829	146.584	5168.416		140.524	5174.476
8/13/09	18:40:09	160	26.603	10.830	146.534	5168.466		140.474	5174.526
8/13/09	18:45:09	165	26.624	10.811	146.487	5168.513		140.427	5174.573

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; SN#: 13792 SN#: 13792			TOC Elev 5315.000		Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	GW Elevation			
8/13/09	18:50:09	170	26.642	10.798	146.445	5168.555	140.385	5174.615	
8/13/09	18:55:09	175	26.660	10.800	146.403	5168.597	140.343	5174.657	
8/13/09	19:00:09	180	26.678	10.802	146.362	5168.638	140.302	5174.698	
8/13/09	19:05:09	185	26.692	10.802	146.329	5168.671	140.269	5174.731	
8/13/09	19:10:09	190	26.705	10.796	146.301	5168.699	140.241	5174.759	
8/13/09	19:15:09	195	26.719	10.782	146.268	5168.732	140.208	5174.792	
8/13/09	19:20:09	200	26.730	10.783	146.241	5168.759	140.181	5174.819	
8/13/09	19:25:09	205	26.742	10.789	146.215	5168.785	140.155	5174.845	
8/13/09	19:30:09	210	26.746	10.776	146.205	5168.795	140.145	5174.855	
8/13/09	19:35:09	215	26.760	10.775	146.172	5168.828	140.112	5174.888	
8/13/09	19:40:09	220	26.769	10.775	146.151	5168.849	140.091	5174.909	
8/13/09	19:45:09	225	26.780	10.773	146.127	5168.873	140.067	5174.933	
8/13/09	19:50:09	230	26.787	10.764	146.110	5168.890	140.050	5174.950	
8/13/09	19:55:09	235	26.789	10.762	146.105	5168.895	140.045	5174.955	
8/13/09	20:00:09	240	26.796	10.760	146.088	5168.912	140.028	5174.972	
8/13/09	20:05:09	245	26.803	10.762	146.074	5168.926	140.014	5174.986	
8/13/09	20:10:09	250	26.809	10.755	146.059	5168.941	139.999	5175.001	
8/13/09	20:15:09	255	26.814	10.748	146.048	5168.952	139.988	5175.012	
8/13/09	20:20:09	260	26.824	10.748	146.024	5168.976	139.964	5175.036	
8/13/09	20:25:09	265	26.824	10.745	146.024	5168.976	139.964	5175.036	
8/13/09	20:30:09	270	26.830	10.735	146.011	5168.989	139.951	5175.049	
8/13/09	20:35:09	275	26.835	10.740	145.998	5169.002	139.938	5175.062	
8/13/09	20:40:09	280	26.845	10.742	145.975	5169.025	139.915	5175.085	
8/13/09	20:45:09	285	26.842	10.734	145.982	5169.018	139.922	5175.078	
8/13/09	20:50:09	290	26.847	10.729	145.972	5169.028	139.912	5175.088	
8/13/09	20:55:09	295	26.853	10.725	145.958	5169.042	139.898	5175.102	
8/13/09	21:00:09	300	26.855	10.726	145.954	5169.046	139.894	5175.106	
8/13/09	21:05:09	305	26.858	10.724	145.946	5169.054	139.886	5175.114	
8/13/09	21:10:09	310	26.861	10.718	145.940	5169.060	139.880	5175.120	
8/13/09	21:15:09	315	26.866	10.709	145.927	5169.073	139.867	5175.133	
8/13/09	21:20:09	320	26.866	10.707	145.928	5169.072	139.868	5175.132	
8/13/09	21:25:09	325	26.871	10.702	145.915	5169.085	139.855	5175.145	
8/13/09	21:30:09	330	26.872	10.699	145.913	5169.087	139.853	5175.147	
8/13/09	21:35:09	335	26.876	10.697	145.905	5169.095	139.845	5175.155	
8/13/09	21:40:09	340	26.878	10.691	145.899	5169.101	139.839	5175.161	
8/13/09	21:45:09	345	26.881	10.692	145.893	5169.107	139.833	5175.167	
8/13/09	21:50:09	350	26.884	10.693	145.887	5169.113	139.827	5175.173	
8/13/09	21:55:09	355	26.886	10.685	145.881	5169.119	139.821	5175.179	
8/13/09	22:00:09	360	26.888	10.684	145.876	5169.124	139.816	5175.184	
8/13/09	22:05:09	365	26.890	10.684	145.872	5169.128	139.812	5175.188	
8/13/09	22:10:09	370	26.887	10.685	145.880	5169.120	139.820	5175.180	
8/13/09	22:15:09	375	26.894	10.681	145.862	5169.138	139.802	5175.198	
8/13/09	22:20:09	380	26.896	10.674	145.859	5169.141	139.799	5175.201	
8/13/09	22:25:09	385	26.897	10.675	145.856	5169.144	139.796	5175.204	
8/13/09	22:30:09	390	26.892	10.675	145.867	5169.133	139.807	5175.193	
8/13/09	22:35:09	395	26.900	10.667	145.848	5169.152	139.788	5175.212	
8/13/09	22:40:09	400	26.902	10.666	145.846	5169.154	139.786	5175.214	
8/13/09	22:45:09	405	26.898	10.663	145.853	5169.147	139.793	5175.207	
8/13/09	22:50:09	410	26.898	10.665	145.853	5169.147	139.793	5175.207	
8/13/09	22:55:09	415	26.901	10.660	145.846	5169.154	139.786	5175.214	
8/13/09	23:00:09	420	26.906	10.658	145.836	5169.164	139.776	5175.224	
8/13/09	23:05:09	425	26.907	10.658	145.832	5169.168	139.772	5175.228	
8/13/09	23:10:09	430	26.903	10.659	145.843	5169.157	139.783	5175.217	
8/13/09	23:15:09	435	26.909	10.654	145.829	5169.171	139.769	5175.231	

**Appendix B-9. UMW-10 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 13792; PSI	SN#: 13792; Temp - C	SN#: 137922; DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.000 GW Elevation			
8/13/09	23:20:09	440	26.904	10.651	145.839	5169.161		139.779	5175.221
8/13/09	23:25:09	445	26.913	10.650	145.819	5169.181		139.759	5175.241
8/13/09	23:30:09	450	26.906	10.645	145.835	5169.165		139.775	5175.225
8/13/09	23:35:09	455	26.909	10.653	145.828	5169.172		139.768	5175.232
8/13/09	23:40:09	460	26.910	10.647	145.825	5169.175		139.765	5175.235
8/13/09	23:45:09	465	26.911	10.642	145.824	5169.176		139.764	5175.236
8/13/09	23:50:09	470	26.911	10.642	145.823	5169.177		139.763	5175.237
8/13/09	23:55:09	475	26.914	10.642	145.818	5169.182		139.758	5175.242
8/14/09	0:00:09	480	26.914	10.640	145.817	5169.183		139.757	5175.243
8/14/09	0:05:09	485	26.915	10.635	145.815	5169.185		139.755	5175.245
8/14/09	0:10:09	490	26.915	10.636	145.815	5169.185		139.755	5175.245
8/14/09	0:15:09	495	26.917	10.634	145.811	5169.189		139.751	5175.249
8/14/09	0:20:09	500	26.918	10.634	145.807	5169.193		139.747	5175.253
8/14/09	0:25:09	505	26.918	10.629	145.807	5169.193		139.747	5175.253
8/14/09	0:30:09	510	26.920	10.630	145.804	5169.196		139.744	5175.256
8/14/09	0:35:09	515	26.921	10.625	145.801	5169.199		139.741	5175.259
8/14/09	0:40:09	520	26.921	10.627	145.801	5169.199		139.741	5175.259
8/14/09	0:45:09	525	26.923	10.628	145.796	5169.204		139.736	5175.264
8/14/09	0:50:09	530	26.922	10.629	145.798	5169.202		139.738	5175.262
8/14/09	0:55:09	535	26.923	10.621	145.795	5169.205		139.735	5175.265
8/14/09	1:00:09	540	26.924	10.622	145.794	5169.206		139.734	5175.266
8/14/09	1:05:09	545	26.924	10.625	145.795	5169.205		139.735	5175.265
8/14/09	1:10:09	550	26.924	10.621	145.793	5169.207		139.733	5175.267
8/14/09	1:15:09	555	26.924	10.617	145.794	5169.206		139.734	5175.266
8/14/09	1:20:09	560	26.924	10.617	145.794	5169.206		139.734	5175.266
8/14/09	1:25:09	565	26.925	10.616	145.791	5169.209		139.731	5175.269
8/14/09	1:30:09	570	26.925	10.618	145.793	5169.207		139.733	5175.267
8/14/09	1:35:09	575	26.925	10.617	145.792	5169.208		139.732	5175.268
8/14/09	1:40:09	580	26.926	10.615	145.788	5169.212		139.728	5175.272
8/14/09	1:45:09	585	26.927	10.614	145.787	5169.213		139.727	5175.273
8/14/09	1:50:09	590	26.928	10.613	145.784	5169.216		139.724	5175.276
8/14/09	1:55:09	595	26.930	10.607	145.781	5169.219		139.721	5175.279
8/14/09	2:00:09	600	26.929	10.606	145.782	5169.218		139.722	5175.278
8/14/09	2:05:09	605	26.930	10.607	145.779	5169.221		139.719	5175.281
8/14/09	2:10:09	610	26.930	10.610	145.781	5169.219		139.721	5175.279
8/14/09	2:15:09	615	26.930	10.607	145.779	5169.221		139.719	5175.281
8/14/09	2:20:09	620	26.930	10.607	145.780	5169.220		139.720	5175.280
8/14/09	2:25:09	625	26.930	10.603	145.780	5169.220		139.720	5175.280
8/14/09	2:30:09	630	26.925	10.609	145.792	5169.208		139.732	5175.268
8/14/09	2:35:09	635	26.931	10.600	145.778	5169.222		139.718	5175.282
8/14/09	2:40:09	640	26.931	10.601	145.778	5169.222		139.718	5175.282
8/14/09	2:45:09	645	26.931	10.599	145.777	5169.223		139.717	5175.283
8/14/09	2:50:09	650	26.933	10.602	145.773	5169.227		139.713	5175.287
8/14/09	2:55:09	655	26.933	10.601	145.773	5169.227		139.713	5175.287
8/14/09	3:00:09	660	26.934	10.598	145.772	5169.228		139.712	5175.288
8/14/09	3:05:09	665	26.933	10.604	145.774	5169.226		139.714	5175.286
8/14/09	3:10:09	670	26.933	10.601	145.773	5169.227		139.713	5175.287
8/14/09	3:15:09	675	26.932	10.598	145.774	5169.226		139.714	5175.286
8/14/09	3:20:09	680	26.934	10.599	145.772	5169.228		139.712	5175.288
8/14/09	3:25:09	685	26.933	10.602	145.774	5169.226		139.714	5175.286
8/14/09	3:30:09	690	26.929	10.598	145.782	5169.218		139.722	5175.278
8/14/09	3:35:09	695	26.934	10.599	145.770	5169.230		139.710	5175.290
8/14/09	3:40:09	700	26.934	10.601	145.771	5169.229		139.711	5175.289
8/14/09	3:45:09	705	26.934	10.599	145.772	5169.228		139.712	5175.288