



## **Appendix D**

### **Aquifer Properties Data**

Appendix Table D-1. Summary of Available Aquifer Properties for Deep Aquifers Wells

No.	Well	Subbasin	Within Final Extent?	Aquitard Top (WCR)	Aquitard Bottom (WCR)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Length (ft)	Aquifer Test Date	Aquifer Test Type	K (ft/d)	T (ft <sup>2</sup> /d)	Storage/Storativity	Aquifer Properties Data Source
1	13S01E25R01	180/400	Yes	660	890	1,255	1,400	145			20.2			Feeney & Rosenberg, 2003
2	13S01E36J01	180/400	Yes	749	921	1,298	1,448	150	June 1, 1984	Production/Specific Capacity	10.3	1,550		HLA, 1994
3	13S02E19Q03	180/400	Yes	433	975	1,280	1,550	270			6.3	1,700		Feeney & Rosenberg, 2003
									April 1, 1980	Production/Specific Capacity	6.8	1,900		HLA, 1994
4	13S02E32M02	180/400	Yes	665	780	780	1,590	810		Pump Test	3.9	3,200		Feeney & Rosenberg, 2003
5	14S02E06L01	180/400	Yes	840	1,153	860	1,540	680	July 1, 1979	Production/Specific Capacity	6.6	4,400		Thorup, 1976-1983
6	14S02E24L02 DMW1-1	Monterey	Yes	700	900	1,820	1,860	40			14.5	600		Feeney & Rosenberg, 2003
										Slug tests (geomean)	2.4		0.00001*	Hanson et al 2002
										Slug tests (geomean)	2		0.000001*	Hanson et al 2002
7	14S02E24L03 DMW1-2	Monterey	Yes	700	900	1,410	1,430	20			7.6	200		Feeney & Rosenberg, 2003
										Slug tests (geomean)	13.8		0.00001*	Hanson et al 2002
										Slug tests (geomean)	11.2		0.000001*	Hanson et al 2002
8	14S02E24L04 DMW1-3	Monterey	Yes	700	900	1,040	1,060	20			13.8	300		Feeney & Rosenberg, 2003
										Slug tests (geomean)	7.6		0.00001*	Hanson et al 2002
										Slug tests (geomean)	6.2		0.000001*	Hanson et al 2002
9	14S02E24L05 DMW1-4	Monterey	Yes	700	900	930	950	20			2.4	48		Feeney & Rosenberg, 2003
										Slug tests (geomean)	14.5		0.00001*	Hanson et al 2002
										Slug tests (geomean)	11.6		0.000001*	Hanson et al 2002
10	14S02E30G03 MCWD-12	Monterey	Yes	690	930	1,390	1,940	550	March 1, 2003	Aquifer Tests	16.5	3,970		Hanson et al, 2002; Geoconsultants Inc., 1993
11	14S02E31H01 MCWD-10	Monterey	Yes	545	885	930	1,540	610		Specific Capacity Test	36.1			HLA, 1994
										Aquifer Tests	18	2,887		From EKI
									March 1, 2003	Aquifer Tests	25.4	4,070		Hanson et al, 2002; Geoconsultants Inc., 1993
											4.6			Feeney & Rosenberg, 2003
12	14S02E32D04 MCWD-11	Monterey	Yes	670	920	970	1,650	680	March 1, 2003		16.4	3,280		Hanson et al, 2002; Geoconsultants Inc., 1993
											30.1	6,016		From EKI
13	15S02E04A04 MCWD-34	Monterey	Yes	605	725	705	1,085	380			12.9	4,893		From EKI

NOTE: \* Indicates assumed value used for estimating aquifer transmissivity for slug test analyses. See Hanson et al, 2002 for more details.