



EXHIBIT 2-B

May 14, 2004

Mr. Rick Dickhaut
Acting General Manager
Monterey Peninsula Water Management District
5 Harris Court, Bldg. G
Monterey, CA 93942-0085

Subject: MONTERRA RANCH MUTUAL WATER COMPANY – ANNUAL WATER MONITORING PROGRAM REPORT FOR WATER YEAR 2003

Dear Mr. Dickhaut:

Provided here are responses to comments contained in your letter of April 8, 2004, regarding the Water Year 2003 (WY 2003) annual monitoring report for the Monterra Ranch Mutual Water Company (MRMWC). Since many of the comments dealt with typographical errors or clarification in wording, we have responded to the comments by providing corrected text (with tracked changes) for the applicable pages of the report. These are provided in **Attachment A** to this letter. Other comments requested additional tables or graphical plots of data, and these are provided in the body or as addenda to this letter.

1. **Page 1, Executive Summary.** This comment is in regards to production capacity of the supply wells, and clarification of the status of Well M-13 as the “largest producing well.”

Response. Please see response to Comment #7 regarding the status of the capacity estimates for the wells. With respect to the District's question about identifying Well M-13 as the “largest producing well”, we agree that this should be based on the incorporation of HW-1 and HW-2 in the water system. Accordingly, we have revised the text on page 23 of the monitoring program report (under the heading “Production Capacity”) to indicate that well HW-1 (at 235,440 gpd) is now the largest producing well in the system (see **Attachment A**). The revised text also clarifies that the total estimated system capacity, with HW-1 out of service would total 495,720 gpd, and that the average demand for the peak month (July) amounts to about 10 percent of the total capacity. Also, M-15 has been re-classified as an inactive well, since it is no longer used or planned to be used for production. This will be reflected in the 2004 Monitoring Program Report.

2. **Page 4, third paragraph.** This comment asks for clarification of the statement “Rainfall in 1999 to 2003 was below average by approximately 5 to 10 inches each year”.

Response. The average value that the statement is referring is the “running average”, which has been corrected to 18.83 inches per year (the value of 18.88 inches was a typographical error). Also, the figure “5 to 10 inches” was a carryover from the prior year’s report that was mistakenly not updated. It has been corrected to read “2.5 to 7.5 inches.”

3. **Page 5, Table 2.** This comment asks for rainfall values for the period of record (January 1996 through September 2003), and repeated the question raised in the previous comment (number 2 above).

Response. It was incorrectly stated in Footnote 7 of the report that “running average” conditions were for the period of record of January 1996 through September 2003. The footnote has been corrected to state that the “running average” conditions represent the average rainfall for the complete water years (October – September) between October 1996 through September 2003. While rainfall data are available for the Monterey Airport station since January 1996, the complete set of water year data does not begin until October 1996. Please note, as stated in the response to Comment #2, the “running average” rainfall was corrected to 18.83 inches per year and the variance from this average was corrected to read “2.5 to 7.5 inches.” Also, please note that the corrected value (18.83 in/yr) reduced the estimated average condition (i.e., running average) recharge from approximately 565 AFY to 560 AFY, as indicated in the enclosed errata (**Attachment A**).

4. **Page 5, first paragraph.** This comment requests clarification that the “average rainfall” conditions used for the calculation of estimated aquifer recharge is the “running average.”

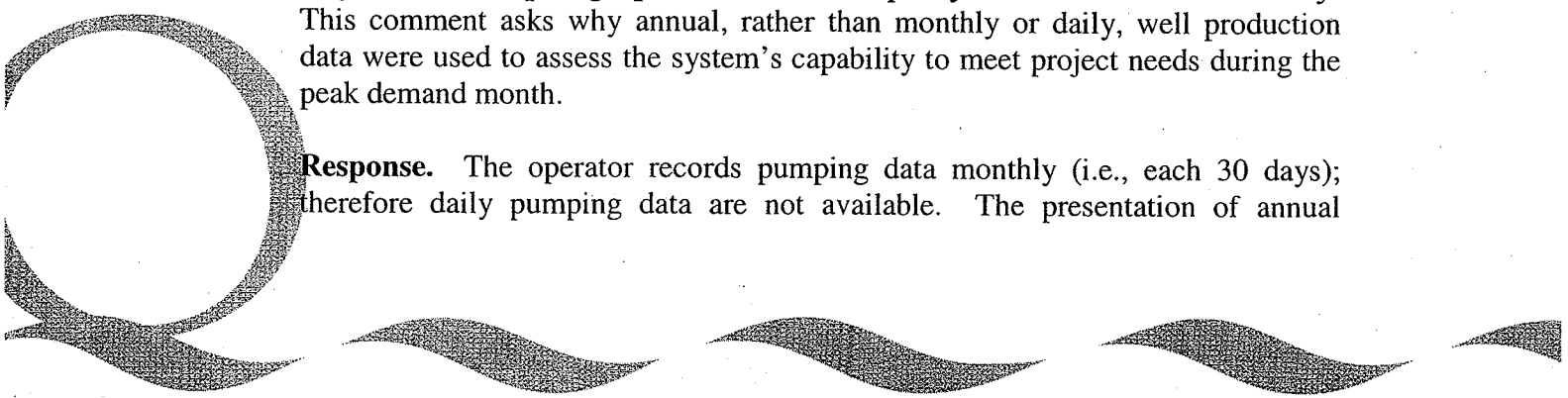
Response. The paragraph in question refers twice to “average” rainfall being the calculated “running average.” This was not restated in the last sentence of the paragraph; however, we have corrected this to avoid any possibly confusion.

5. **Page 6, first paragraph under *Well Capacity and Production Summary*.** This comment refers to typographical errors.

Response. These corrections have been made, as indicated in the enclosed errata (**Attachment A**).

6. **Page 6, second paragraph under *Well Capacity and Production Summary*.** This comment asks why annual, rather than monthly or daily, well production data were used to assess the system’s capability to meet project needs during the peak demand month.

Response. The operator records pumping data monthly (i.e., each 30 days); therefore daily pumping data are not available. The presentation of annual



production rates in Table 3 of the report is important in tracking and assessing the overall demand on the groundwater resources. This was the approach taken in prior years' monitoring reports (2001 and 2002) that were accepted by the MPWMD. The District's questions about the capabilities of the well production system to meet project needs during the peak demand month are addressed on page 23 of the report under the heading "Production Capacity." As stated on page 23, the capacity of the system with the largest producing well out of service (Well M-13) is 326,700 gpd (Logan 2000, Exhibit 7). As discussed in response to Comment #1, this capacity has been revised to 495,720 gpd to reflect the capacity of HW-1 and HW-2. The meter records for WY 2003 show a total potable water use of 45,436 gpd during the peak demand month (July), which is roughly 10 percent of the total capacity. To further address the District's question about monthly production, the following table (**Table R-1**) compares the monthly well production with the estimated well capacity. Since HW-1 and HW-2 function as a pair, with HW-2 serving as a back-up well for HW-1, the "total capacity" (561,960 gpd) accounts only for the capacity of HW-1 (the larger producer of the two wells). As shown in the table, the capacity of the wells is sufficient to meet monthly production during the month of peak demand (July). A similar table of monthly production rates will be included in future monitoring reports.

Table R-1
Estimated Well Capacity and Monthly Well Production
WY 2003

	Monthly Production (gpd)							Total (All Wells)
	M-1	M-5	M-8	M-13	M-15	HW-1	HW-2	
Capacity (gpd)	76,320	115,200	12,600	115,200	7,200	235,440	(169,200)*	561,960
October-02	8,686	0	0	0	0	0	148,606	157,292
November-02	11,568	0	0	0	0	0	98,616	110,184
December-02	2,079	7,419	6,452	0	0	0	33,660	49,610
January-03	253	20,645	9,355	0	0	0	0	30,253
February-03	0	7,742	2,414	4,483	0	0	46,660	61,298
March-03	1,677	11,613	2,903	2,903	0	0	96,202	115,299
April-03	1,438	12,903	7,667	0	0	0	38,846	60,854
May-03	3,325	0	0	0	0	0	197,496	200,821
June-03	26,788	0	0	0	0	0	142,918	169,706
July-03	39,503	5,161	4,839	0	0	0	102,307	151,810
August-03	40,390	8,710	7,419	0	0	48	59,189	115,755
September-03	47,498	1,935	1,667	0	0	0	107,787	158,886

* HW-1 and HW-2 serve as a backup wells to each other; for the purpose of estimating the total capacity (561,960 gpd), the higher of the two well capacities (HW-1 at 235,440 gpd) is used and the lower capacity well (HW-2) is disregarded.

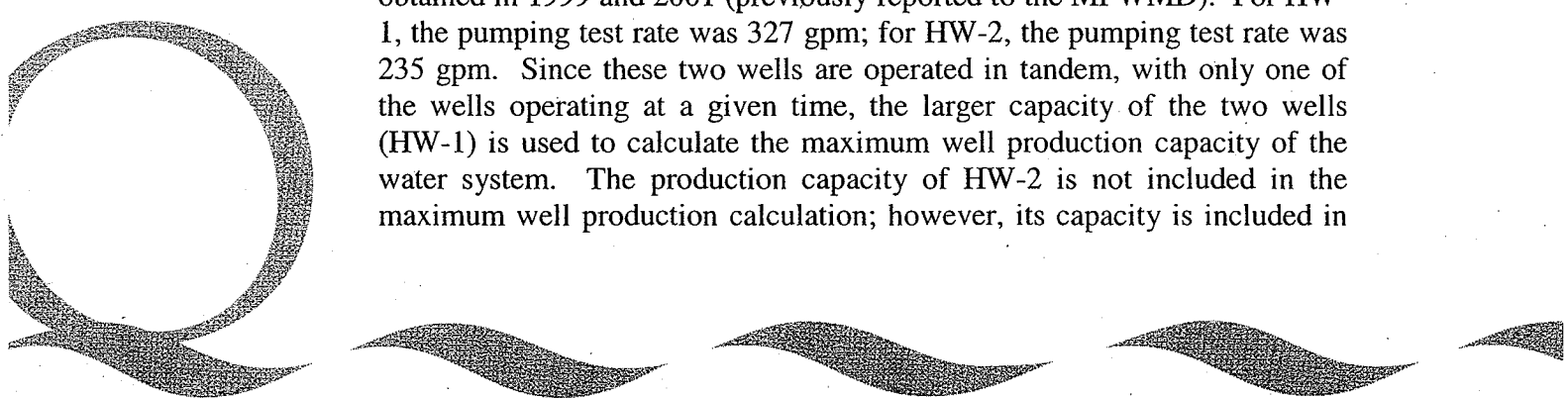
7. **Page 7, Table 3.** This comment asks for updated estimates of pumping capacities for all wells in the water system.

Response. As explained last year in our letter of August 1, 2003, in response to MPWMD Comment #17 on the 2001 and 2002 Monitoring Program Reports, we are committed to providing updated information on pumping capacities of individual wells as new information becomes available. However, because of greater yields and better water quality, the MRMWC is gradually shifting toward greater reliance on the newer "high wells" (HW-1 and HW-2), and reducing the dependence on the original Monterra "M" wells. Therefore, with declining use, the need to evaluate and develop updated production capacity information for the "M" wells has become less significant, while we are focusing our attention and efforts on expanding the production capacity of the high wells in the system. Please see **Table R-1** and **Figure R-1**, which illustrate the predominant dependence on wells HW-1 and HW-2, and, to a lesser extent, Well M-1 for production.

As you are aware, in 2003 we installed an additional high well (HW-3) and completed a preliminary 12-hour pumping test of this well in February 2004. Plans have also been made to drill a fourth high well (HW-4) in 2004. The production capacity of these new high wells will be reported to the MPWMD following completion of formal pumping tests; and this information will be incorporated into future Monitoring Program Reports. With the development and inclusion of these additional high wells in the system, the original Monterra "M" wells will become primarily back-up sources of supply.

While no additional updated pumping capacity information was obtained in 2003, we have revised Table 3 of the 2003 Monitoring Program Report to incorporate the most recent pumping test data conforming with the District's criteria and requests. Specifically, the revisions include the following:

- In 2001, a 72-hour pumping test was completed for Well M-1. It yielded an average rate of 106.6 gpm, with 95% recovering in 72 hours. The pumping rate for M-1 in Table 3 has been increased from 100 gpm to 106 gpm per MPWMD guidelines; and
- The production capacities for HW-1 and HW-2 have been separated and presented individually according to the respective pumping test rates obtained in 1999 and 2001 (previously reported to the MPWMD). For HW-1, the pumping test rate was 327 gpm; for HW-2, the pumping test rate was 235 gpm. Since these two wells are operated in tandem, with only one of the wells operating at a given time, the larger capacity of the two wells (HW-1) is used to calculate the maximum well production capacity of the water system. The production capacity of HW-2 is not included in the maximum well production calculation; however, its capacity is included in



the calculation of system capacity for the scenario when the largest production well (HW-1) is assumed to be out of service (see page 23 of the 2003 Monitoring Program Report errata, **Attachment B**).

Footnotes explaining this updated information have been added to the revised Table 3 provided in **Attachment A**.

8. **Page 10, second paragraph, Well M-1.** This comment refers to typographical errors.

Response. These corrections have been made, as indicated in the enclosed errata (**Attachment A**).

9. **Page 10, third paragraph, Well M-5.** This comment refers to typographical errors.

Response. These corrections have been made, as indicated in the enclosed errata (**Attachment A**).

10. **Page 10, fourth paragraph, Well M-8.** This comment refers to typographical errors.

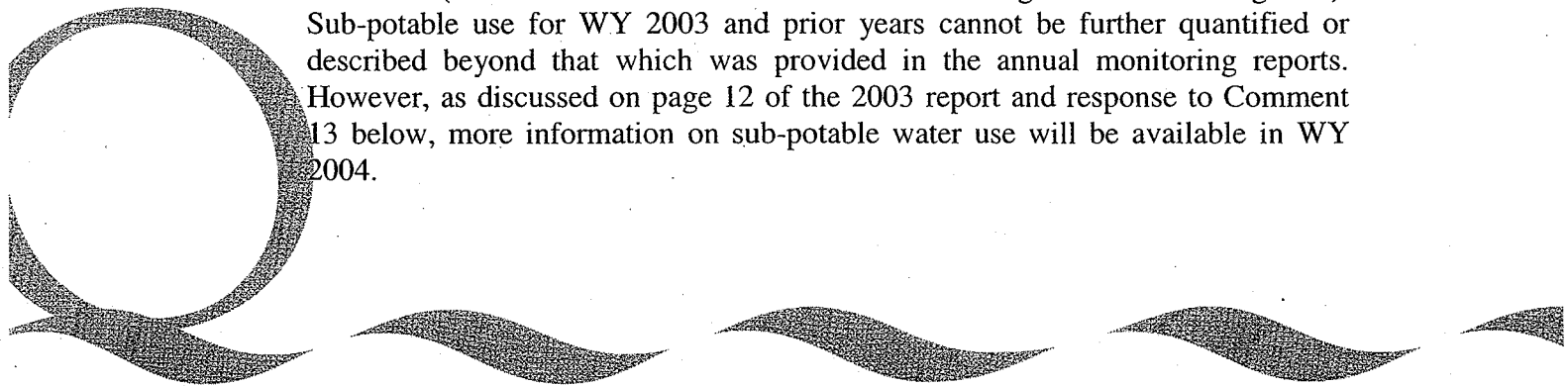
Response. These corrections have been made, as indicated in the enclosed errata (**Attachment A**).

11. **Page 11, third paragraph, Well M-15.** This comment refers to typographical errors.

Response. These corrections have been made, as indicated in the enclosed errata (**Attachment A**).

12. **Page 12, last paragraph.** This comment asks for additional description and quantification of unspecified sub-potable uses.

Response. As stated in the last paragraph of page 12, sub-potable uses include irrigation, dust control and water use for other onsite construction activities. At this point in the project, sub-potable use for construction activities (e.g., dust control) remains substantial. As stated in the comment, sub-potable use during WY 2003 was approximately 87.49 AF, of which 17.16 AF were accounted for by Well M-1 (which was dedicated to construction watering and roadside irrigation). Sub-potable use for WY 2003 and prior years cannot be further quantified or described beyond that which was provided in the annual monitoring reports. However, as discussed on page 12 of the 2003 report and response to Comment 13 below, more information on sub-potable water use will be available in WY 2004.



13. **Page 12, last paragraph.** This comment asks to confirm the installation of flow meters on golf course irrigation pipelines and the availability of sub-potable water metering data.

Response. Flow meters were installed on the sub-potable water pipelines leading into the golf course irrigation ponds; it should be noted it was incorrectly stated in the monitoring report that the flow meters were installed on the pipelines "coming out of" the irrigation ponds. The flow meters were actually installed on the sub-potable pipelines leading into the irrigation ponds to account for all groundwater extraction; evaporative loss from the irrigation ponds is effectively counted as part of the overall irrigation water use. These flow data will be available for analysis and discussion in the WY 2004 monitoring report.

14. **Page 13, first paragraph.** This comment requests proof of PUC confidentiality regulations.

Response. Attached is Public Utilities Code Section 581-588 (**Attachment B**). Please see Section 583, which limits disclosure of information to the public.

15. **Page 13, fourth paragraph.** This comment notes that the project applicant, not MPWMD, developed water use projections for the Monterra Ranch water distribution system permit application.

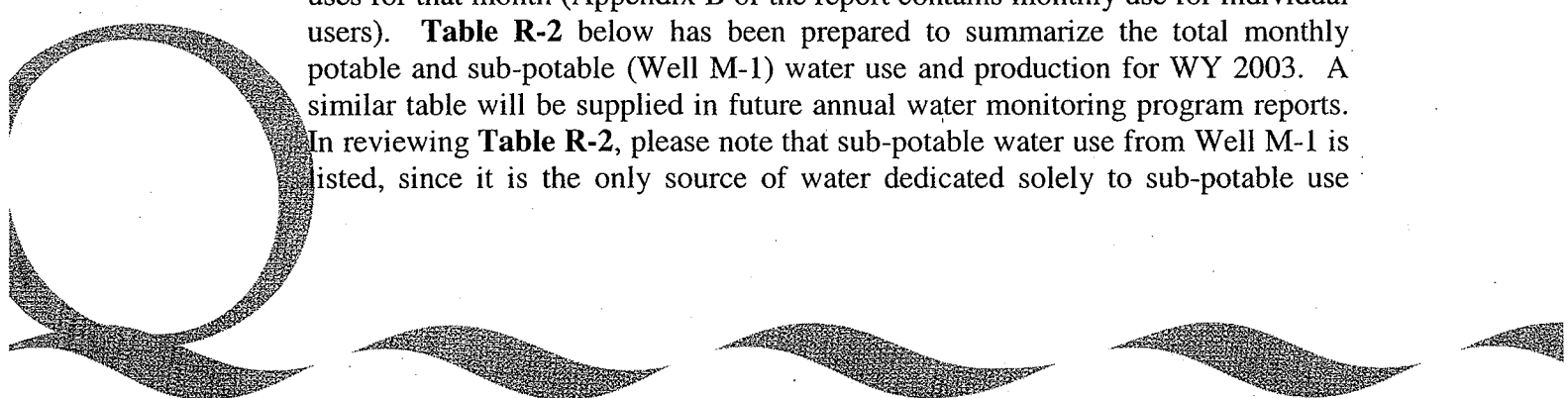
Response. The sentence referenced in this comment was revised to indicate this distinction, as shown in the attached errata (**Attachment A**).

16. **Page 17, first paragraph.** This comment is in regards to billing for water service.

Response. Billing for water and sewer did not begin in February 2004, but is anticipated to begin in the summer of 2004. The utility is detaching from the Capital CSA #69 and #100 to avoid the potential for double billing of customers by the County and the utility. This process should be completed shortly.

17. **Page 23, Production Capacity.** This comment asks to clarify from where the July 2003 potable demand figure (45,436 gpd) came, and also to provide a table that summarizes monthly production, potable, and sub-potable use.

Response. The total potable water use for July 2003 is the sum of all metered uses for that month (Appendix B of the report contains monthly use for individual users). **Table R-2** below has been prepared to summarize the total monthly potable and sub-potable (Well M-1) water use and production for WY 2003. A similar table will be supplied in future annual water monitoring program reports. In reviewing **Table R-2**, please note that sub-potable water use from Well M-1 is listed, since it is the only source of water dedicated solely to sub-potable use



during WY 2003. A second column showing the aggregated total of all other (non-metered) sub-potable water use is also included.

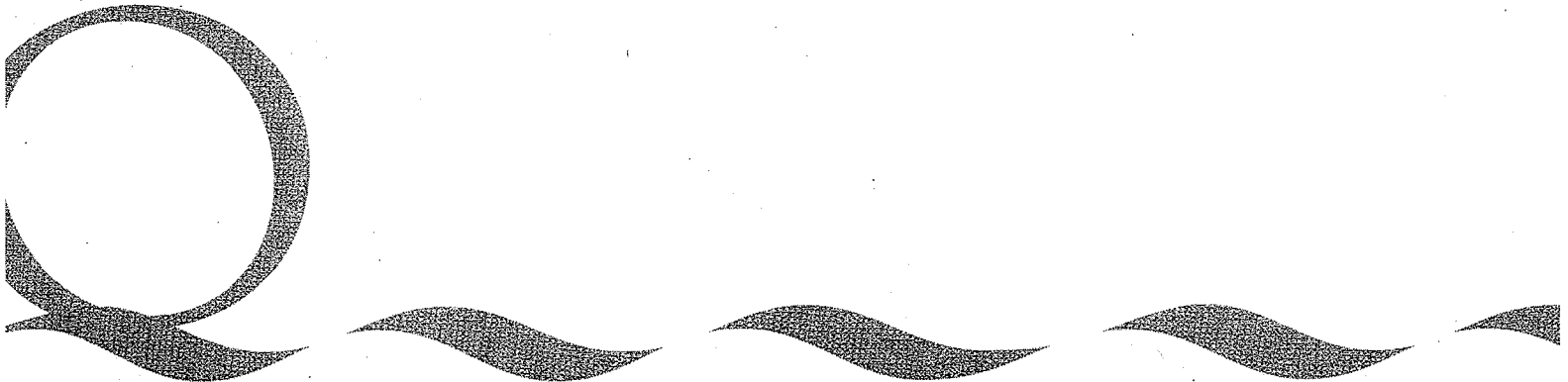
Table R-2
Monthly Production, Potable Water Use, and Sub-Potable Use (Well M-1)
WY 2003

Month	ACRE-FEET				GALLONS PER DAY			
	Production	Potable	Sub-potable: Well M-1 ¹	Non-metered Sub-potable ²	Production	Potable	Sub-potable: Well M-1 ¹	Non-metered Sub-potable ²
October-02	14.97	2.88	0.83	11.26	157,292	30,249	8,686	118,357
November-02	10.14	2.30	1.07	6.78	110,184	24,981	11,568	73,636
December-02	4.72	1.45	0.20	3.07	49,610	15,225	2,079	32,306
January-03	2.88	1.41	0.02	1.45	30,253	14,802	253	15,198
February-03	5.50	1.53	0.00	3.97	61,832	17,202	0	44,630
March-03	10.97	1.94	0.16	8.87	115,299	20,407	1,677	93,215
April-03	5.64	2.12	0.13	3.39	61,284	23,043	1,438	36,803
May-03	19.11	3.30	0.32	15.49	200,821	34,637	3,325	162,859
June-03	15.63	3.72	2.47	9.44	169,706	40,388	26,788	102,530
July-03	14.44	4.32	3.76	6.36	151,810	45,436	39,503	66,872
August-03	11.01	4.32	3.84	2.85	115,755	45,383	40,390	29,982
September-03	14.64	4.08	4.37	6.19	158,951	44,262	47,498	67,192
Total	129.65	33.36	17.16	79.13	115,734	29,779	15,321	70,634

¹ Well M-1 was dedicated to only construction water and roadside irrigation during WY 2003; ² See Comment 12

18. Appendix A, Groundwater Elevation Tables and Figures. This comment asks for inactive well data.

Response. Historical water level data for the inactive wells are presented in enclosed **Tables R-3 through R-10**, and are plotted with rainfall data in **Figures R-2 through R-7**. Where applicable, the inactive wells in the graphs are grouped by location (see Figure 1 of the monitoring report, which shows the location of the active and inactive wells). The graphical plots show evidence of seasonal fluctuations or possible response pumping effects in some wells, but no apparent long-term trends.



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Mr. Dickhaut
May 14, 2004

I trust this is the information you require at this time. Please call if there are any questions.

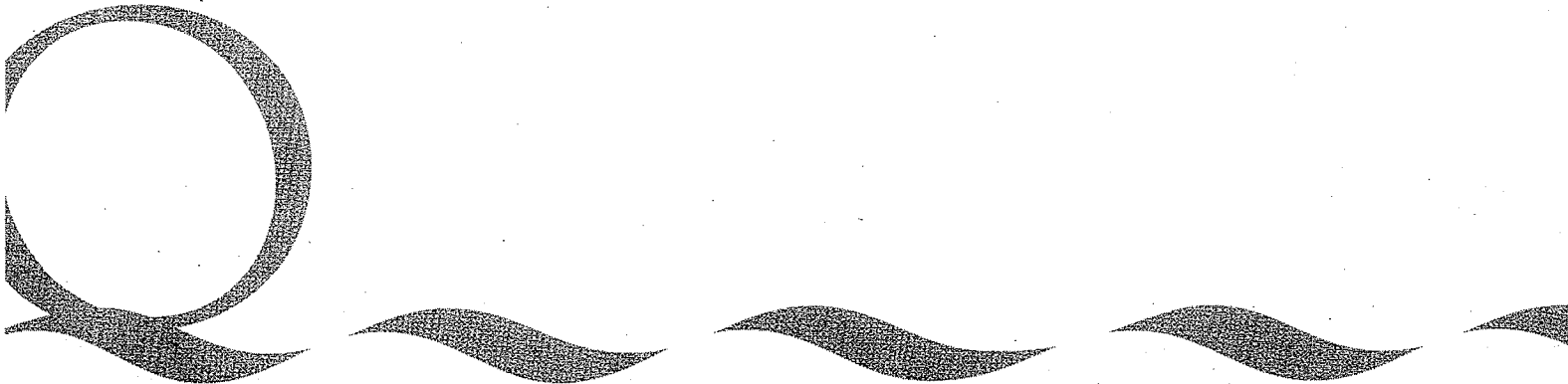
Sincerely,



Norman N. Hantzsche, P.E.
Principal/Managing Engineer

xc: Michael Waxer, Carmel Development Company
Dave Fuller, WWD Corporation

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Well Production (1999-2003)

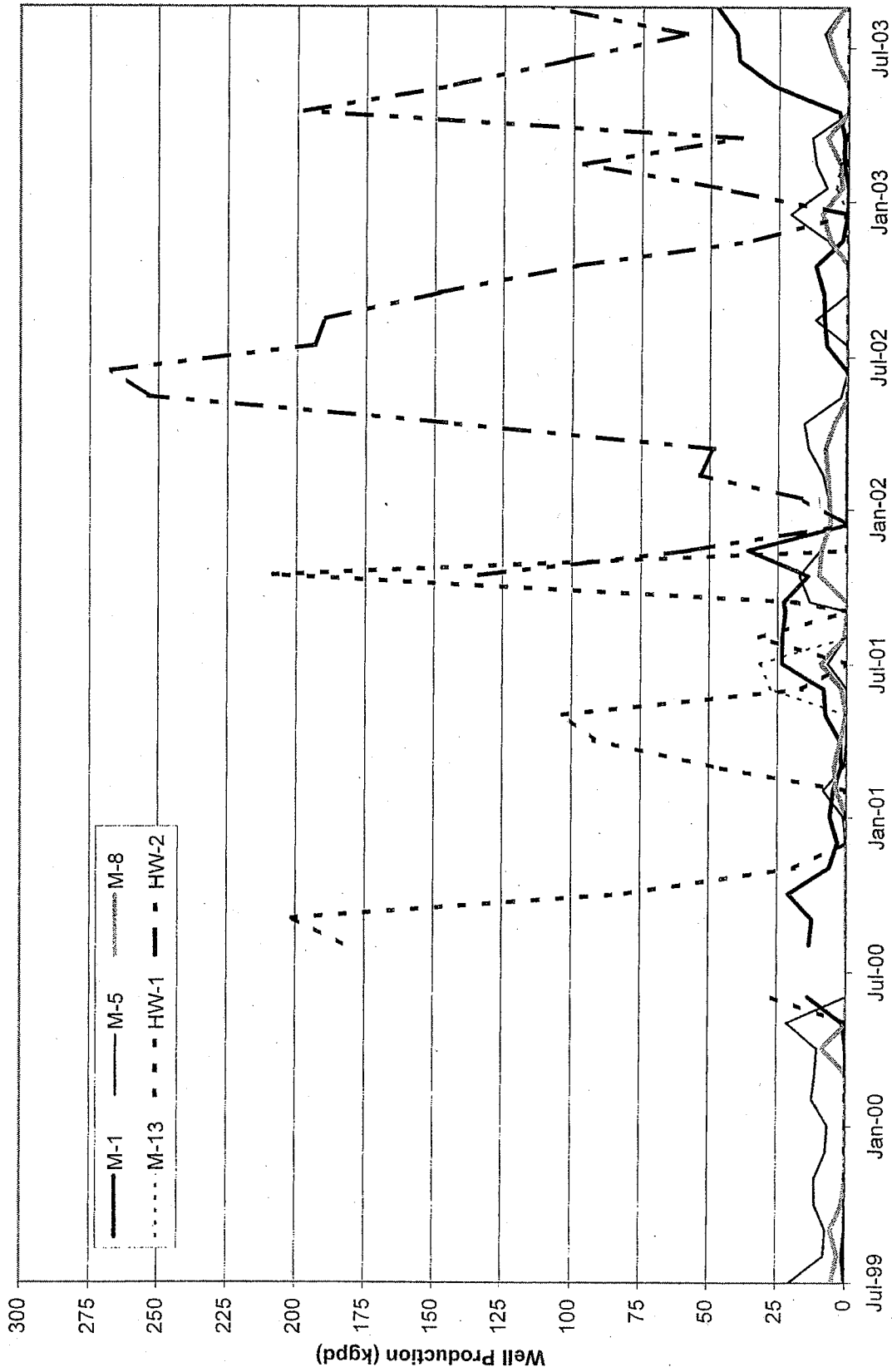


Figure R-1

**Table R-3
Water Level Elevation Well M-4**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-4	Mar-80		205.02	
	Jul-83		205.02	
	Jan-85		205.02	
	Dec-89		205.02	
	11-May-91		205.02	
	26-May-91		205.02	
	Apr-92		205.02	
	5-Oct-95		205.02	
	9-Oct-95		205.02	
	Jan-96		205.02	
	Apr-96		205.02	
	Sep-98		205.02	
	Apr-99		205.02	
	Oct-99		205.02	
	Apr-00		205.02	
	Jul-00		205.02	
	Aug-00		205.02	
	Sep-00		205.02	
	Oct-00		205.02	
	Nov-00		205.02	
	Dec-00		205.02	
	Jan-01		205.02	
	Feb-01		205.02	
	Mar-01		205.02	
	Apr-01		205.02	
	May-01		205.02	
	Jun-01		205.02	
	Jul-01		205.02	
	Aug-01		205.02	
	Sep-01		205.02	
	Oct-01		205.02	
	Nov-01		205.02	
	Dec-01		205.02	
	Jan-02		205.02	
	Feb-02		205.02	
	Mar-02		205.02	
	Apr-02		205.02	
	May-02	59.7	205.02	145.32
	Jun-02		205.02	
	Jul-02		205.02	
	Aug-02		205.02	
	Sep-02		205.02	
	Oct-02		205.02	
	Nov-02	60.4	205.02	144.62
	Dec-02		205.02	
	Jan-03		205.02	
	Feb-03		205.02	
	Mar-03		205.02	
	Apr-03		205.02	
	May-03		205.02	
	Jun-03		205.02	
	Jul-03		205.02	
	Aug-03		205.02	
	Sep-03		205.02	

Table R-4
Water Level Elevation Well M-7

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-7	Mar-80		298.82	
	Jul-83		298.82	
	Jan-85		298.82	
	Dec-89		298.82	
	11-May-91		298.82	
	26-May-91		298.82	
	Apr-92		298.82	
	5-Oct-95		298.82	
	9-Oct-95		298.82	
	Jan-96		298.82	
	Apr-96		298.82	
	Sep-98		298.82	
	Apr-99		298.82	
	Oct-99		298.82	
	Apr-00		298.82	
	Jul-00		298.82	
	Aug-00		298.82	
	Sep-00		298.82	
	Oct-00		298.82	
	Nov-00		298.82	
	Dec-00		298.82	
	Jan-01		298.82	
	Feb-01		298.82	
	Mar-01		298.82	
	Apr-01		298.82	
	May-01		298.82	
	Jun-01		298.82	
	Jul-01		298.82	
	Aug-01		298.82	
	Sep-01		298.82	
	Oct-01		298.82	
	Nov-01		298.82	
	Dec-01		298.82	
	Jan-02		298.82	
	Feb-02		298.82	
	Mar-02		298.82	
	Apr-02		298.82	
	May-02	161.8	298.82	137.02
	Jun-02		298.82	
	Jul-02		298.82	
	Aug-02		298.82	
	Sep-02		298.82	
	Oct-02		298.82	
	Nov-02	165.00	298.82	133.82
	Dec-02		298.82	
	Jan-03		298.82	
	Feb-03		298.82	
	Mar-03		298.82	
	Apr-03	187.8	298.82	111.02
	May-03		298.82	
	Jun-03		298.82	
	Jul-03		298.82	
	Aug-03		298.82	
	Sep-03		298.82	

**Table R-5
Water Level Elevation Well M-9**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-9	Mar-80		140.68	
	Jul-83		140.68	
	Jan-85		140.68	
	Dec-89		140.68	
	11-May-91		140.68	
	26-May-91		140.68	
	Apr-92		140.68	
	5-Oct-95		140.68	
	9-Oct-95		140.68	
	Jan-96		140.68	
	Apr-96		140.68	
	Sep-98	5.625	140.68	135.06
	Apr-99	4.96	140.68	135.72
	Oct-99	9.81	140.68	130.87
	Apr-00	5.25	140.68	135.43
	Jul-00		140.68	
	Aug-00		140.68	
	Sep-00		140.68	
	Oct-00	11.17	140.68	129.51
	Nov-00		140.68	
	Dec-00		140.68	
	Jan-01		140.68	
	Feb-01		140.68	
	Mar-01		140.68	
	Apr-01		140.68	
	May-01	7.13	140.68	133.56
	Jun-01		140.68	
	Jul-01		140.68	
	Aug-01		140.68	
	Sep-01		140.68	
	Oct-01		140.68	
	Nov-01		140.68	
	Dec-01		140.68	
	Jan-02		140.68	
	Feb-02		140.68	
	Mar-02		140.68	
	Apr-02		140.68	
	May-02	8.3	140.68	132.38
	Jun-02		140.68	
	Jul-02		140.68	
	Aug-02		140.68	
	Sep-02		140.68	
	Oct-02		140.68	
	Nov-02	13.5	140.68	127.18
	Dec-02		140.68	
	Jan-03		140.68	
	Feb-03		140.68	
	Mar-03		140.68	
	Apr-03	28.6	140.68	112.08
	May-03		140.68	
	Jun-03		140.68	
	Jul-03		140.68	
	Aug-03		140.68	
	Sep-03		140.68	

**Table R-6
Water Level Elevation Well M-10**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-10	Mar-80		344.82	
	Jul-83		344.82	
	Jan-85		344.82	
	Dec-89		344.82	
	11-May-91		344.82	
	26-May-91		344.82	
	Apr-92		344.82	
	5-Oct-95		344.82	
	9-Oct-95		344.82	
	Jan-96		344.82	
	Apr-96		344.82	
	Sep-98		344.82	
	Apr-99		344.82	
	Oct-99		344.82	
	Apr-00		344.82	
	Jul-00		344.82	
	Aug-00		344.82	
	Sep-00		344.82	
	Oct-00		344.82	
	Nov-00		344.82	
	Dec-00		344.82	
	Jan-01		344.82	
	Feb-01		344.82	
	Mar-01		344.82	
	Apr-01		344.82	
	May-01		344.82	
	Jun-01		344.82	
	Jul-01		344.82	
	Aug-01		344.82	
	Sep-01		344.82	
	Oct-01		344.82	
	Nov-01		344.82	
	Dec-01		344.82	
	Jan-02		344.82	
	Feb-02		344.82	
	Mar-02		344.82	
	Apr-02		344.82	
	May-02	27.7	344.82	317.12
	Jun-02		344.82	
	Jul-02		344.82	
	Aug-02		344.82	
	Sep-02		344.82	
	Oct-02		344.82	
	Nov-02	34.6	344.82	310.22
	Dec-02		344.82	
	Jan-03		344.82	
	Feb-03		344.82	
	Mar-03		344.82	
	Apr-03		344.82	
	May-03		344.82	
	Jun-03		344.82	
	Jul-03		344.82	
	Aug-03		344.82	
	Sep-03		344.82	

**Table R-7
Water Level Elevation Well M-11**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-11	Mar-80		200.21	
	Jul-83		200.21	
	Jan-85		200.21	
	Dec-89		200.21	
	11-May-91		200.21	
	26-May-91		200.21	
	Apr-92		200.21	
	5-Oct-95		200.21	
	9-Oct-95		200.21	
	Jan-96		200.21	
	Apr-96		200.21	
	Sep-98	60.96	200.21	139.25
	Apr-99	60.71	200.21	139.50
	Oct-99	61.54	200.21	138.67
	Apr-00	61.00	200.21	139.21
	Jul-00		200.21	
	Aug-00		200.21	
	Sep-00		200.21	
	Oct-00	61.96	200.21	138.25
	Nov-00		200.21	
	Dec-00		200.21	
	Jan-01		200.21	
	Feb-01		200.21	
	Mar-01		200.21	
	Apr-01		200.21	
	May-01	61.83	200.21	138.38
	Jun-01		200.21	
	Jul-01		200.21	
	Aug-01		200.21	
	Sep-01		200.21	
	Oct-01		200.21	
	Nov-01		200.21	
	Dec-01		200.21	
	Jan-02		200.21	
	Feb-02		200.21	
	Mar-02		200.21	
	Apr-02		200.21	
	May-02	60.9	200.21	139.31
	Jun-02		200.21	
	Jul-02		200.21	
	Aug-02		200.21	
	Sep-02		200.21	
	Oct-02		200.21	
	Nov-02	65.3	200.21	134.91
	Dec-02		200.21	
	Jan-03		200.21	
	Feb-03		200.21	
	Mar-03		200.21	
	Apr-03		200.21	
	May-03		200.21	
	Jun-03		200.21	
	Jul-03		200.21	
	Aug-03		200.21	
	Sep-03		200.21	

**Table R-8
Water Level Elevation Well M-12**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-12	Mar-80		126.60	
	Jul-83		126.60	
	Jan-85		126.60	
	Dec-89		126.60	
	11-May-91		126.60	
	26-May-91		126.60	
	Apr-92		126.60	
	5-Oct-95		126.60	
	9-Oct-95		126.60	
	Jan-96		126.60	
	Apr-96		126.60	
	Sep-98	8.42	126.60	118.18
	Apr-99	1.13	126.60	125.47
	Oct-99	2.88	126.60	123.72
	Apr-00	2.2	126.60	124.4
	Jul-00		126.60	
	Aug-00		126.60	
	Sep-00		126.60	
	Oct-00	8.92	126.60	117.68
	Nov-00		126.60	
	Dec-00		126.60	
	Jan-01		126.60	
	Feb-01		126.60	
	Mar-01		126.60	
	Apr-01		126.60	
	May-01	2.75	126.60	123.85
	Jun-01		126.60	
	Jul-01		126.60	
	Aug-01		126.60	
	Sep-01		126.60	
	Oct-01		126.60	
	Nov-01		126.60	
	Dec-01		126.60	
	Jan-02		126.60	
	Feb-02		126.60	
	Mar-02		126.60	
	Apr-02		126.60	
	May-02	5	126.60	121.60
	Jun-02		126.60	
	Jul-02		126.60	
	Aug-02		126.60	
	Sep-02		126.60	
	Oct-02		126.60	
	Nov-02	10.1	126.60	116.50
	Dec-02		126.60	
	Jan-03		126.60	
	Feb-03		126.60	
	Mar-03		126.60	
	Apr-03	2.05	126.60	
	May-03		126.60	
	Jun-03		126.60	
	Jul-03		126.60	
	Aug-03		126.60	
	Sep-03		126.60	

**Table R-9
Water Level Elevation Well M-14**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
M-14	Mar-80			
	Jul-83			
	Jan-85			
	Dec-89			
	11-May-91			
	26-May-91			
	Apr-92			
	5-Oct-95			
	9-Oct-95			
	Jan-96			
	Apr-96			
	Sep-98			
	Apr-99			
	Oct-99			
	Apr-00			
	Jul-00			
	Aug-00			
	Sep-00			
	Oct-00			
	Nov-00			
	Dec-00			
	Jan-01			
	Feb-01			
	Mar-01			
	Apr-01			
	May-01			
	Jun-01			
	Jul-01			
	Aug-01			
	Sep-01			
	Oct-01			
	Nov-01			
	Dec-01			
	Jan-02			
	Feb-02			
	Mar-02			
	Apr-02			
	May-02	4.6		
	Jun-02			
	Jul-02			
	Aug-02			
	Sep-02			
	Oct-02			
	Nov-02	14.8		
	Dec-02			
	Jan-03			
	Feb-03			
	Mar-03			
	Apr-03	2.5		
	May-03			
	Jun-03			
	Jul-03			
	Aug-03			
	Sep-03			

**Table R-10
Water Level Elevation Bear Canyon Well**

Well	Date	Depth-to-Water (Feet)	Top of Casing Elevation (Feet above MSL)	Water Level Elevation (Feet above MSL)
Bear Cyn	Mar-80			
	Jul-83			
	Jan-85			
	Dec-89			
	11-May-91			
	26-May-91			
	Apr-92			
	5-Oct-95			
	9-Oct-95			
	Jan-96			
	Apr-96			
	Sep-98			
	Apr-99			
	Oct-99			
	Apr-00			
	Jul-00			
	Aug-00			
	Sep-00			
	Oct-00			
	Nov-00			
	Dec-00			
	Jan-01			
	Feb-01			
	Mar-01			
	Apr-01			
	May-01			
	Jun-01			
	Jul-01			
	Aug-01			
	Sep-01			
	Oct-01			
	Nov-01			
	Dec-01			
	Jan-02			
	Feb-02			
	Mar-02			
	Apr-02			
	May-02	18.4		
	Jun-02			
	Jul-02			
	Aug-02			
	Sep-02			
	Oct-02			
	Nov-02	25.5		
	Dec-02			
	Jan-03			
	Feb-03			
	Mar-03			
	Apr-03			
	May-03			
	Jun-03			
	Jul-03			
	Aug-03			
	Sep-03			

Well M-4 and M-11

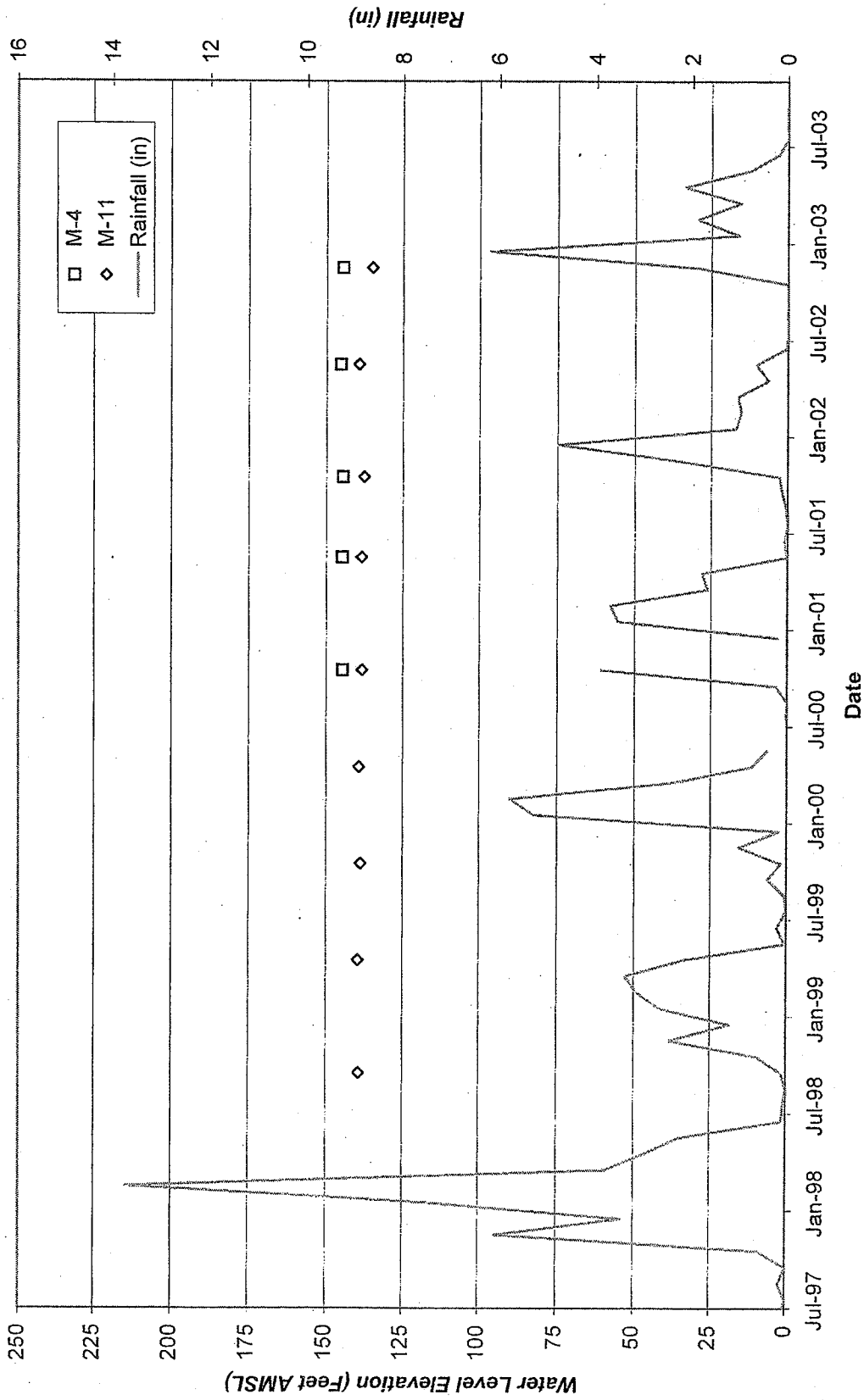


Figure R-2

Well M-7

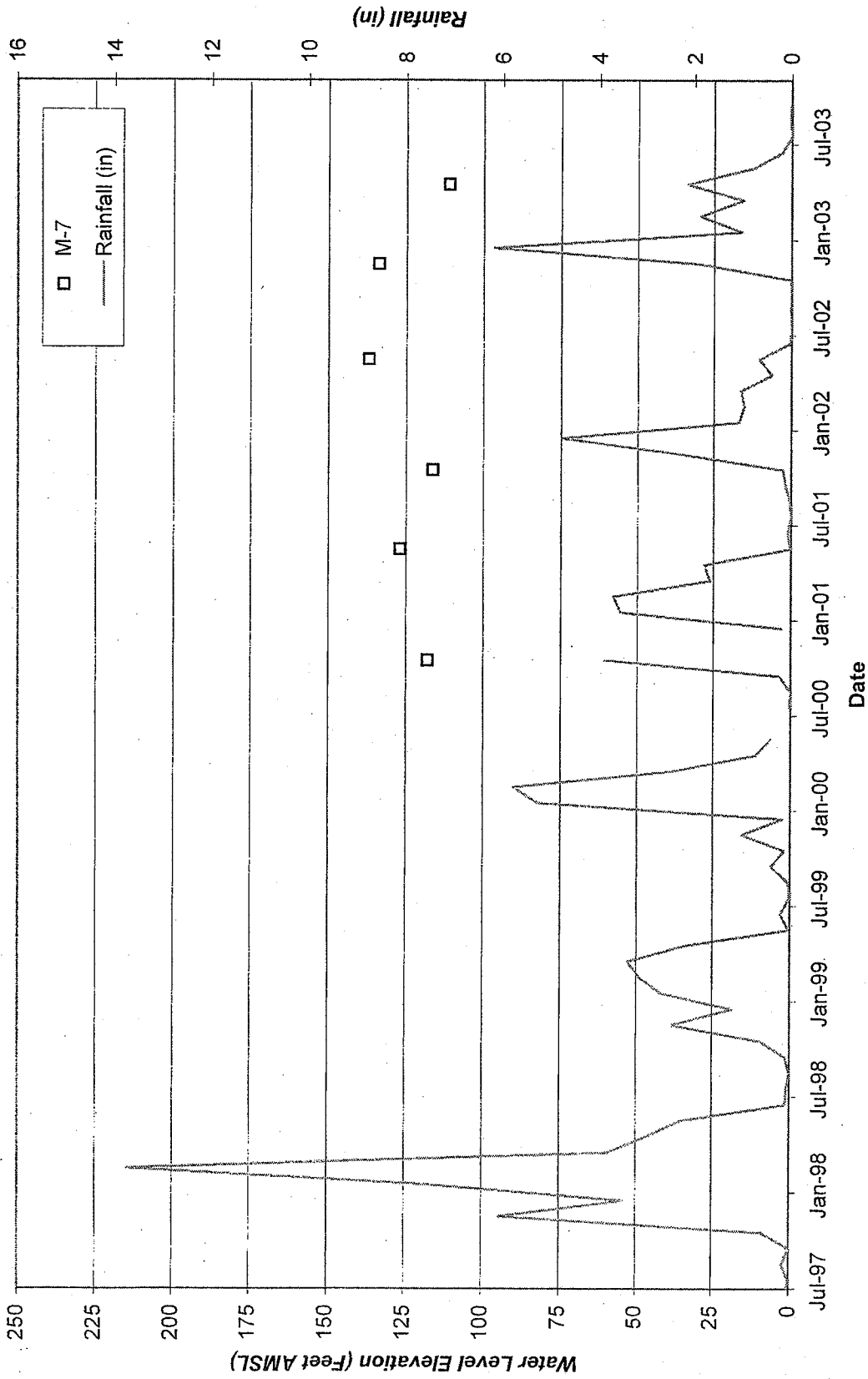


Figure R-3

Well M-9

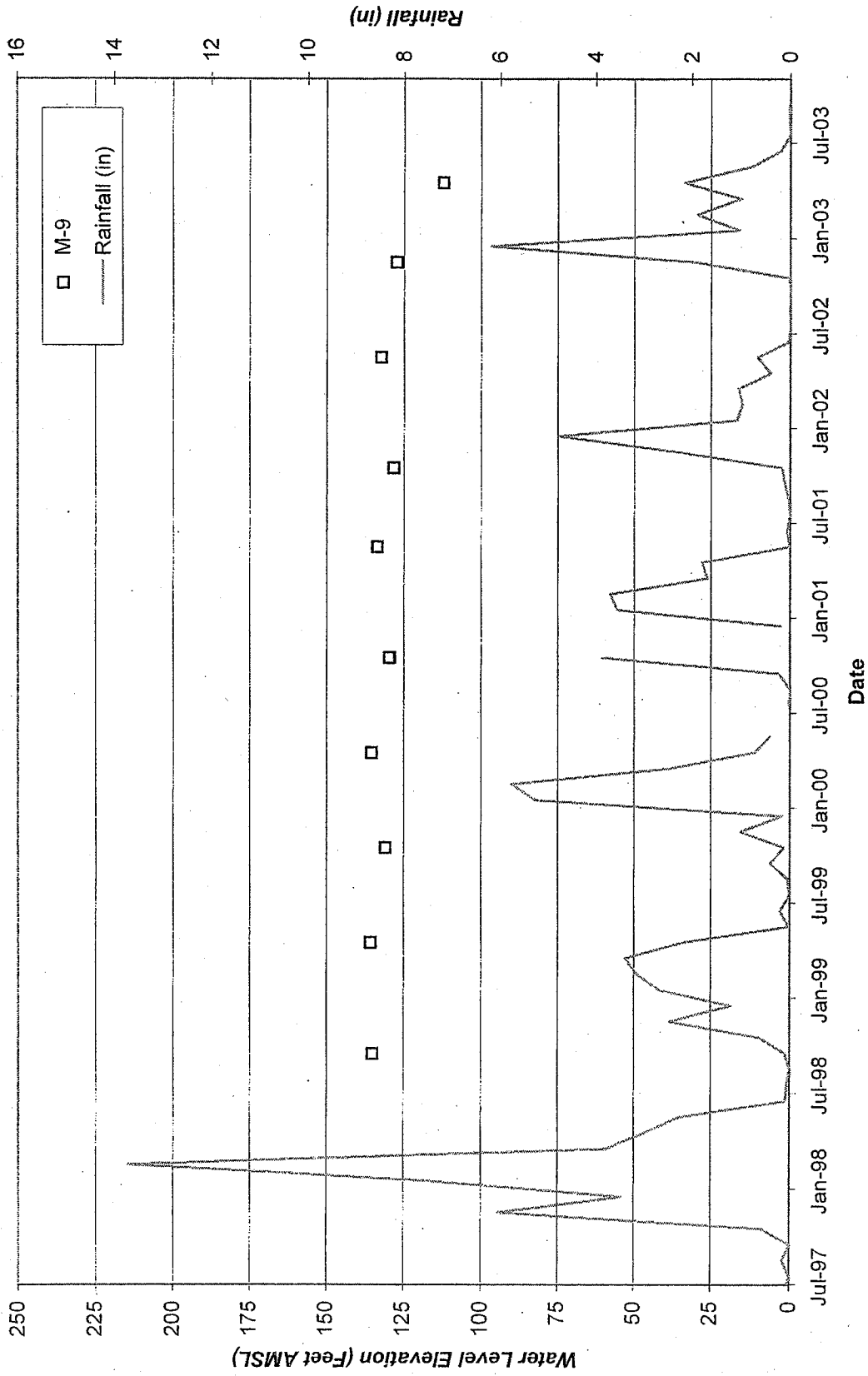


Figure R-4

Well M-10

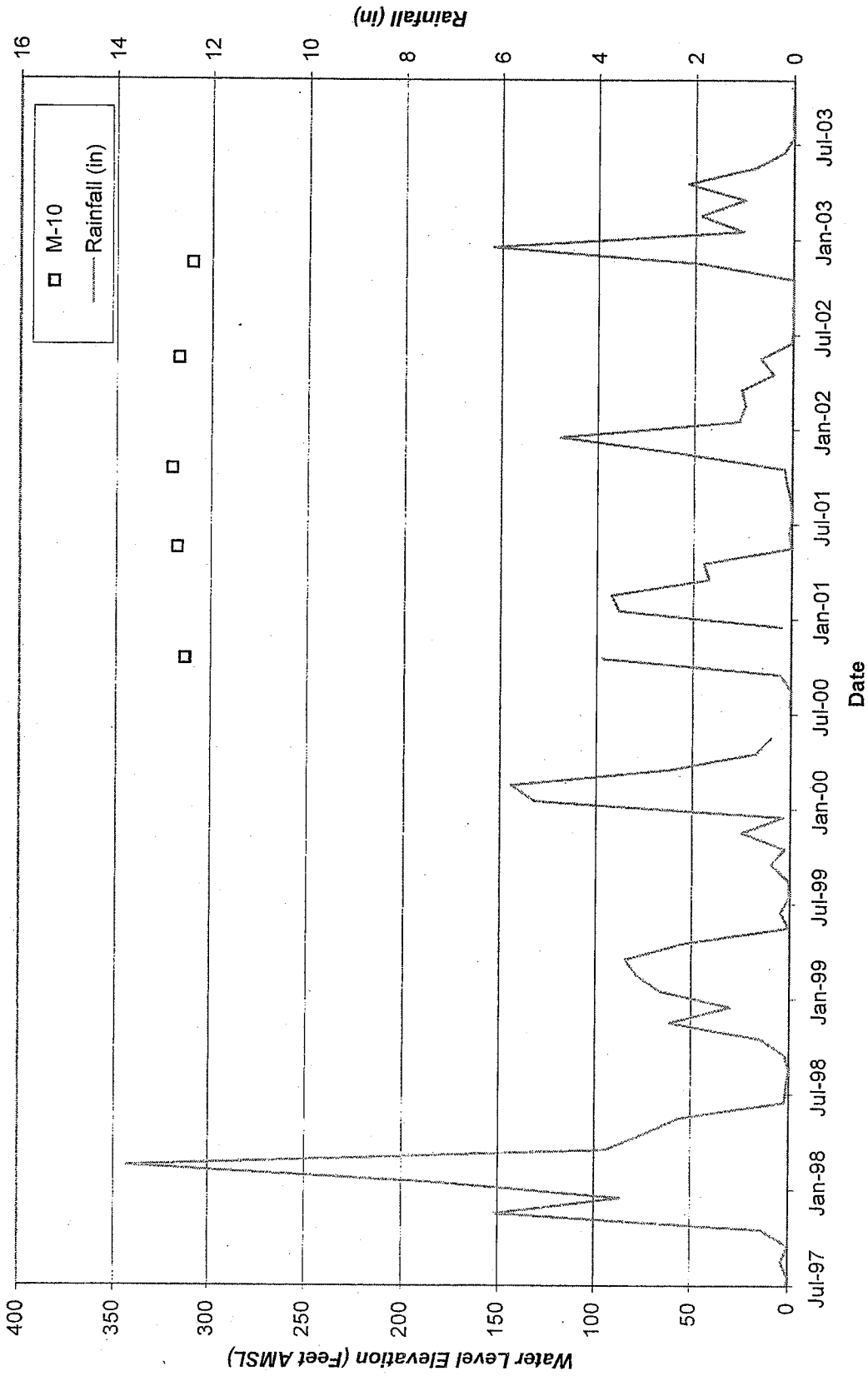


Figure R-5

Well M-12

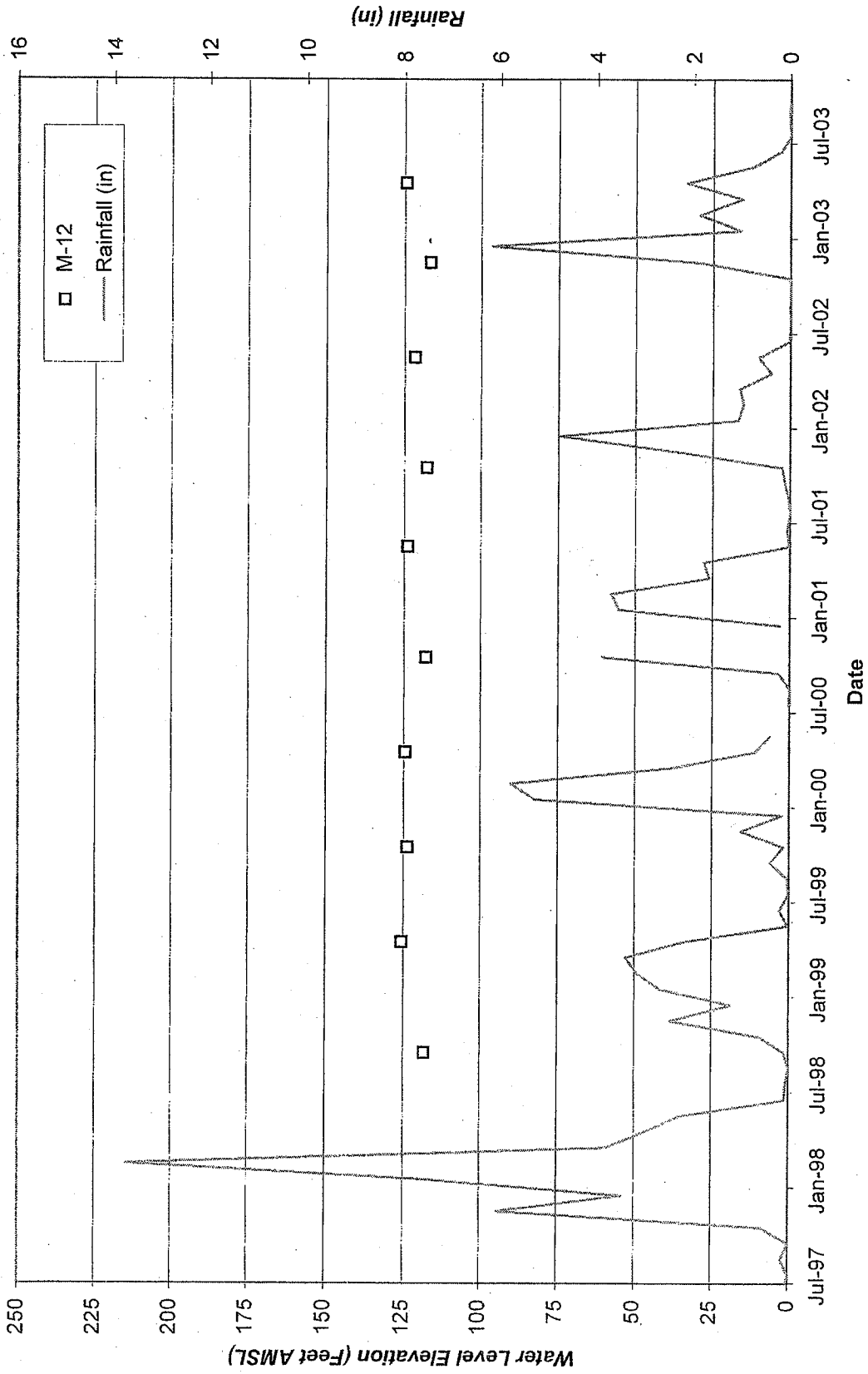


Figure R-6

Bear Canyon Well

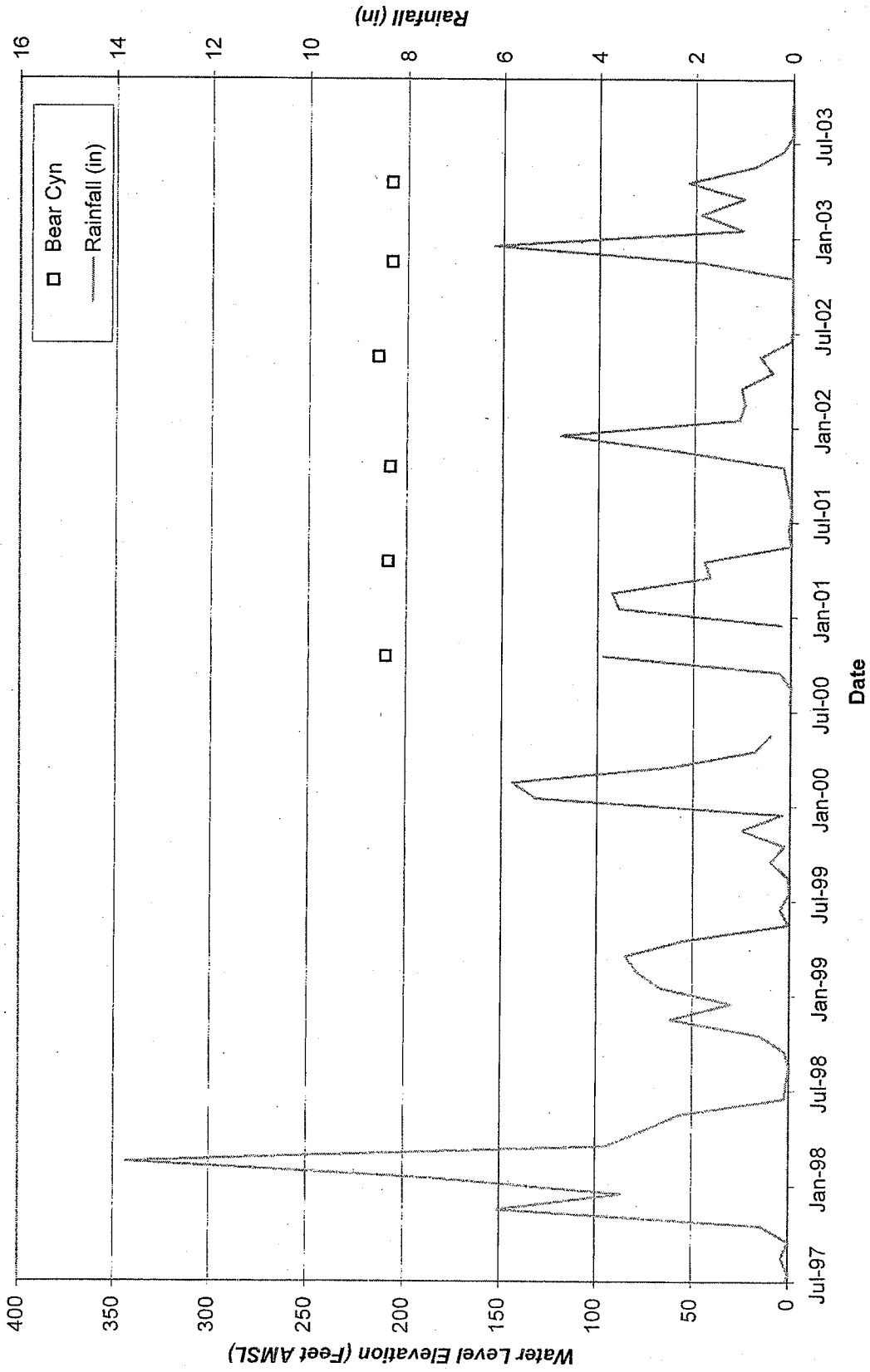


Figure R-7

ATTACHMENT A

Errata for Annual Water Monitoring Program Report for Water Year 2003

NOTE: Errata sheets have been incorporated into
Water Year 2003 report by MPWD.

ATTACHMENT B

Public Utilities Code, Section 581-588

PUBLIC UTILITIES CODE

SECTION 581-588

581. Every public utility shall furnish to the commission in such form and detail as the commission prescribes all tabulations, computations, and all other information required by it to carry into effect any of the provisions of this part, and shall make specific answers to all questions submitted by the commission.

Every public utility receiving from the commission any blanks with directions to fill them shall answer fully and correctly each question propounded therein, and if it is unable to answer any question, it shall give a good and sufficient reason for such failure.

582. Whenever required by the commission, every public utility shall deliver to the commission copies of any or all maps, profiles, contracts, agreements, franchises, reports, books, accounts, papers, and records in its possession or in any way relating to its property or affecting its business, and also a complete inventory of all its property in such form as the commission may direct.

583. No information furnished to the commission by a public utility, or any business which is a subsidiary or affiliate of a public utility, or a corporation which holds a controlling interest in a public utility, except those matters specifically required to be open to public inspection by this part, shall be open to public inspection or made public except on order of the commission, or by the commission or a commissioner in the course of a hearing or proceeding. Any present or former officer or employee of the commission who divulges any such information is guilty of a misdemeanor.

584. Every public utility shall furnish such reports to the commission at such time and in such form as the commission may require in which the utility shall specifically answer all questions propounded by the commission. The commission may require any public utility to file monthly reports of earnings and expenses, and to file periodical or special reports, or both, concerning any matter about which the commission is authorized by any law to inquire or to keep itself informed, or which it is required to enforce. All reports shall be under oath when required by the commission.

585. (a) Except as provided in subdivision (d), every public utility and business specified in subdivision (b) shall in any rate proceeding or proceeding establishing a fact or rule that may influence a rate, provide the commission with access to all computer models, as defined in Section 1821, which are used by that public utility or business to substantiate their showing in the proceeding.

(b) The commission shall, by rule or order, with full opportunity

for participation by utilities and other affected parties, establish procedures and safeguards governing its access to, and monitoring, verification, and use of, computer models of every public utility and of any business which is a commission regulated subsidiary or affiliate of a public utility with respect to any rate proceeding or proceeding establishing a fact or rule that may influence a rate. The time, place, and manner of commission access shall, to the extent practicable, be the subject of mutual agreement between the commission and the affected utility, and the parties shall make every good faith effort to reach agreement. If an agreement is reached, it shall include, but is not limited to, provisions to reasonably assure the legitimate needs for security of the public utilities' computer resources. These provisions shall provide for the confidentiality of records, the protection of proprietary information, and the protection of the reasonable expectation of customers of public utilities in the privacy of customer-specific records maintained by the utility. If no agreement is reached, any order issued by the commission requiring computer access shall include, but is not limited to, provisions providing for the security of the utility's data bases, confidentiality of records, protection of proprietary information, and the privacy of customer-specific records maintained by the utility. The commission shall convene a proceeding to adopt these rules as soon as possible after the operative date of the act adding this section to the code.

(c) This section shall not expand or limit any powers of the commission to prescribe the manner of keeping books, records, and systems of accounts of public utilities and to investigate any of these books, records, systems of accounts, or memoranda under existing law, or any other power of the commission under existing law. Any utility may object to a rule or order of the commission concerning the access prescribed herein under the rules of procedure of the commission consistent with existing law.

(d) This section does not apply to common carriers.

587. Every electrical, gas, and telephone corporation shall annually prepare and submit to the commission a report describing all significant transactions, as specified by the commission, between the corporation and every subsidiary or affiliate of, or corporation holding a controlling interest in, the electrical, gas, or telephone corporation. The report shall identify the nature of the transactions and the terms and conditions applying to them, including, but not limited to, the basis upon which cost allocations and transfer pricing were established for the transactions.

588. (a) Notwithstanding any regulation, tariff, opinion, or interim opinion of the Public Utilities Commission, or any other provision of law, an inspector or investigator, as defined in Section 830.1 of the Penal Code, who is employed in the office of a district attorney may request and shall receive from telephone, gas, and electric public utilities customer information limited to the full name, date of birth, social security number, address, prior address, forwarding address, place of employment, and date of service instituted, terminated, or suspended by, utility customers to the extent the information is stored within the utility records and computer data bases. However, in no case shall information be released disclosing customer usage of the services provided by the utility without a court order or subpoena.

(b) In order to protect the privacy interest of utility customers,

a request to a public utility for customer information pursuant to this section shall meet the following requirements:

(1) The requested information is relevant and material to an investigation pursuant to Sections 3130, 3131, 3132, 3133, and 3134 of the Family Code concerning the kidnapping, abduction, concealment, detention, or retention of a minor child and that the inspector or investigator requesting the information has a reasonable, good faith belief that the utility customer information is needed to assist the inspector or investigator in the location or recovery of a minor child or abductor, coconspirator or aider and abettor of the continuing crime of child abduction or concealment.

(2) Only inspectors and investigators as defined in Section 830.1 of the Penal Code, who are employed in the office of a district attorney whose names have been submitted to the utility in writing by a district attorney's office, may request and receive customer and customer service information pursuant to this section. Each district attorney's office shall ensure that each public utility has at all times a current list of the names of inspectors and investigators authorized to request and receive customer and customer service information. Each district attorney's office shall immediately notify the utility in writing and withdraw the names of inspectors and investigators from the authorized list who no longer have a need for the access.

(3) This section does not authorize inspectors and investigators to obtain any utility customer information, other than that authorized by this section, without proper service of process as required by law.

(4) The district attorney's office requesting and receiving utility information shall ensure its confidentiality. At no time shall any information obtained pursuant to this section be disclosed or used for any purpose other than to assist in the location or recovery of a person or persons specified in paragraph (1).

(5) The inspector or investigator requesting utility information authorized for release by this section shall make a record on a form created and maintained by the district attorney's office, which shall include the name of the utility customer about whom the inquiry was made, the name of the inspector or investigator making the inquiry, the date of inquiry, the name of the utility, the utility employee to whom the request was made, and the information that was requested and received.

(6) The inspector or investigator requesting information pursuant to this section shall prepare and sign, under penalty of perjury, a written affidavit of probable cause, which shall be contained on a form created by the Attorney General's office in consultation with telephone, gas, and electric utilities. The form shall be retained by the utility for a period of one year and shall contain a statement of all the facts known to the inspector or investigator that support the existence of all of the requirements of this section. The affidavit shall also contain a statement of exigent circumstances, explaining why the inspector or investigator could not seek and obtain a search warrant, court order, or other court process for the production of the information sought.

(c) No public utility, or official or employee thereof, shall be subject to criminal or civil liability for the release of customer information in reasonable reliance on an affidavit appearing on its face to be valid, and which was submitted by a person whose name appears on the current authorization list, as required in paragraph (2) of subdivision (b). However, any person who willfully violates any provision of this section is guilty of a misdemeanor, pursuant to Section 2112.5.

(d) The utility receiving the request for customer information may charge the requesting district attorney's office a reasonable fee

for the search and release of the requested information and for the storage of the required forms.
