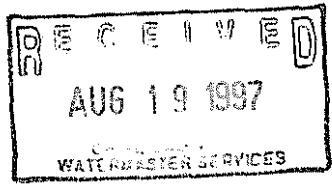


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WMWD  
KAISER  
FUWC  
MVWC  
SAWECWC  
REAPT  
10/21/97  
TS



8 Attorneys for Defendants  
9 Cucamonga County Water  
10 District, Western Municipal  
11 Water District and Kaiser  
12 Ventures, Inc.

13 Additional Parties and Counsel  
14 Listed on the Next Page

15 CONSOLIDATED SUPERIOR/MUNICIPAL COURTS  
16 COUNTY OF SAN BERNARDINO  
17 WEST DISTRICT

18 CHINO BASIN MUNICIPAL WATER )  
19 DISTRICT, )  
20 Plaintiff, )  
21 v. )  
22 CITY OF CHINO, et al., )  
23 Defendants. )

Case No. RCV 51010  
[Specially Assigned to the  
Honorable J. Michael Gunn]  
DECLARATION OF MARK JOSEPH  
WILDERMUTH IN SUPPORT OF MOTION  
FOR APPOINTMENT OF NINE MEMBER  
WATERMASTER BOARD OF CCWD, MWD,  
KAISER, FONTANA UNION WATER  
COMPANY, MONTE VISTA IRRIGATION  
WATER COMPANY, SAN ANTONIO WATER  
COMPANY AND WEST END  
CONSOLIDATED WATER COMPANY

Hearing Date: October 21, 1997  
Time: 10:00 a.m.  
Dept: RC-H

Post-it® Fax Note	7671	Date	8/26/97	# of pages	8
To	Bob Page	From	Travis		
Co./Dept.	Mark W Declaration	Co.			
Phone #		Phone #			
Fax #	948-9038	Fax #			

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10 Monte Vista Irrigation Water Company,  
11 San Antonio Water Company and  
12 West End Consolidated Water Company  
13  
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DECLARATION OF MARK JOSEPH WILDERMUTH

I, Mark Joseph Wildermuth, do hereby declare as follows:

1. I have personal knowledge of the facts set forth in this Declaration, and if called upon to testify to these facts, could and would do so.

2. I am a civil engineer specializing in water resources engineering. I have a Bachelors (1975) and Masters Degree (1976) in engineering from the University of California, Los Angeles. I am a licensed civil engineer in California. I have worked at Tetra Tech, Inc. (1976-1980), Camp, Dresser and McKee, Inc. (1980-1987) and James M. Montgomery, Consulting Engineers (1987-1990). I own a consulting engineering company called Mark J. Wildermuth, Water Resources Engineers, a sole proprietorship, located in San Clemente, California. I have owned and operated my company since October 16, 1990. Since 1980, I have worked almost exclusively on the hydrologic, hydrogeologic, water quality and water resources planning issues in the upper Santa Ana watershed of which the Chino Basin constitutes about 40 percent.

3. The Chino Basin Judgment provides little practical guidance regarding the criteria to be used to develop and implement an optimum basin management plan. The Chino Basin producers have worked to develop such a plan. These producers spent over \$1 million over three years on the Chino Basin Water Resources Management Study ("CBWRMS"). The CBWRMS was

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1 comprehensive, projecting 50 years into the future from the then  
2 current state of land and water resources development to ultimate  
3 development in the year 2040. The producers, through the  
4 Watermaster, are in the process of implementing several of the  
5 recommendations of the CBWRMS including the establishment of  
6 limits for local storage accounts, developing new groundwater  
7 recharge capacity for yield augmentation and replenishment, and  
8 evaluating the safe yield.

9  
10 4. Certain allegations have been made about groundwater  
11 loss in the Basin. My findings indicate that this is an incorrect  
12 conclusion since the producers did not know the amount of  
13 groundwater losses until late 1995. I conducted a study for the  
14 Advisory Committee that included an estimate of the groundwater  
15 lost to the Santa Ana River due to groundwater banking by  
16 Metropolitan Water District of Southern California  
17 ("Metropolitan"), some appropriators, and overlying non-  
18 appropriators. This study was completed as result of the CBWRMS.  
19 I estimated the groundwater losses to the Santa Ana River due to  
20 groundwater banking to be approximately 37,000 acre-feet during  
21 the period 1978/79 to 1993/94. This estimate is based on an  
22 interpretation of modeling results from the CBWRMS and my  
23 professional engineering judgment.

24  
25 5. My estimates were first presented to the producers in  
26 late 1995. Prior to publishing my findings, the producers had no  
27 knowledge of the estimated magnitude of the groundwater losses  
28 from storage and therefore could not have knowingly violated the

1 Judgment or benefited from water estimated to have been lost from  
2 storage. This finding, its implications and resolution have been  
3 discussed by the producers over the last two years. Significant  
4 progress has been made and an agreement to limit water in local  
5 storage accounts and to assess losses is currently being  
6 negotiated. The producers have expanded their groundwater  
7 monitoring activities, individually and through the Watermaster,  
8 to allow more refined estimates of the losses due to the  
9 groundwater banking to be made in the future.

10  
11 6. With respect to the allegations made regarding the  
12 degradation of water quality in the Basin, the parties to the  
13 Judgment can do little if anything to either allow or disallow  
14 water quality degradation. Controlling degradation comes under  
15 the purview of the Regional Water Quality Control Board, Santa Ana  
16 Region("RWQCB"). The RWQCB regulates municipal and industrial  
17 waste discharges to control groundwater degradation.

18  
19 7. Preliminary results for the current Total Dissolved  
20 Solids ("TDS") and Total Inorganic Nitrogen ("TIN") study (of  
21 which the Watermaster is a contributor) suggests that what was  
22 previously thought to be TDS or nitrate degradation at many wells  
23 may in fact be periodic groundwater quality changes caused by  
24 climatic trends rather than long term degradation trends.  
25 Modeling results from the CBWRMS showed that the future TDS and  
26 nitrate concentrations in the Chino Basin have only slight  
27 increases or decreases in concentration, and that these future  
28 trends are not significantly influenced by the pumping patterns of

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individual producers or amounts of water in local storage accounts.

8. The appearance of a worsening groundwater quality condition for TDS and nitrates is due in part to degradation and to increased groundwater production by municipal purveyors. Large increases in pumping can cause groundwater flow conditions to change and subsequently cause nearby contaminants to flow to a well (such as in the Jurupa area). I am not aware of any data that concludes that most of the water now pumped out of the ground fails to meet Health Department standards for safe drinking water without blending or treatment.

9. Past allegations that producers in the northern end of the basin are moving wells and pumping facilities to the north part of the Basin to get better water quality and at the same time degrading water in the south are false and misleading. No party is precluded from putting wells in the northern part of the Basin in areas of good quality and moving that water into their service area. Producers do relocate their production to obtain good water quality when relocation makes sense. For example, Monte Vista Water District is about to conduct a study to optimize the location and amount of groundwater pumping in the vicinity of the Montclair spreading basins to ostensibly increase production of potable water in the northern part of the basin. Geography, topography and facility requirements make this more expensive for southern agencies -- but not prohibitively so.

1           10. Relocation of production and any similar actions by a  
2 northern producer do not cause groundwater quality in the south to  
3 degrade or concentrate. Poor quality groundwater in the southern  
4 part of the Basin is the result of irrigated agriculture and dairy  
5 waste management practices and not a result of groundwater  
6 production patterns of the northern producers. The primary source  
7 of TDS and nitrate contamination is agriculture. The CBWRMS  
8 projections also show that there is little difference in future  
9 groundwater quality trends with future groundwater management  
10 plans that were developed with the producers -- including Monte  
11 Vista, Chino, Chino Hills, Norco and Jurupa Community Services  
12 District.

13  
14           11. Poor water quality conditions in the southern part of  
15 the basin are exacerbated by reuse of the degraded groundwater by  
16 agriculture -- not by groundwater production patterns of the  
17 northern producers. Poor quality groundwater that is not produced  
18 by a municipal or agricultural users either remains in groundwater  
19 storage or becomes rising water in the Santa Ana River. This  
20 groundwater that remains in storage can be recovered in the future  
21 by groundwater treatment systems or agricultural producers.

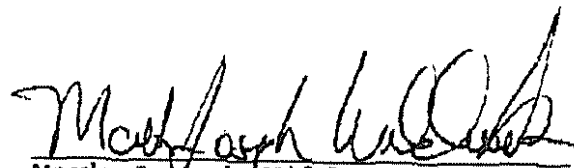
22  
23           12. A tabulation of water quality data was compiled for the  
24 Watermaster for the 1996-1997 Chino Basin Watermaster Groundwater  
25 Conditions Survey that will be published in August 1997. A true  
26 and correct copy of this data is attached to this declaration as  
27 Exhibit "A." Monitoring data, collected and compiled for the  
28 Watermaster for the period 1978 to 1996, do not show dramatic

1 groundwater degradation over the period that the Watermaster has  
2 been in existence. There is simply no factual support for past  
3 allegations that Watermaster actions or non-actions have  
4 contributed to dramatic water quality degradation.  
5

6 13. No computations have been made to determine if yield has  
7 actually dropped as agricultural production has decreased and  
8 producers in the north either increased production or purchased  
9 less replenishment water. The new land use conversion process  
10 developed and implemented by Watermaster assures that most of the  
11 new agricultural transfers will remain with water purveyors that  
12 will serve the areas in the southern Chino Basin. The major  
13 southern appropriators, Chino, Jurupa and Ontario, know they have  
14 to produce water in the southern part of the Basin in order to  
15 keep their new production rights, and have stated this intention  
16 several times at appropriate Pool and Advisory Committee meetings  
17 over the last two years.  
18

19 I declare under penalty of perjury under the laws of the  
20 State of California that the foregoing is true and correct.  
21

22 Executed on the 18th day of August 1997, at Kahului, Maui,  
23 Hawaii.  
24

25   
26 Mark Joseph Wildermuth, P.E.  
27  
28



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N05W31A01		6/18/87	60.2	6.4	10.9	2.0	175.2	21.8	6.0	26.6	0.6	257	400	144	177	7.7
01N05W31A01		7/14/87								25.5	0.5					
01N05W31A01		8/1/91	62.5	9.7	11.2	1.8	198.1	26.9	0.3	26.5	0.2	220	420	162	196	7.9
01N05W31A01		6/19/92								29.2	0.3					
01N05W31A01		10/20/92	52.1	14.1	13.5	2.0	194.2	23.4	4.8	29.3	0.2	219	420	159	188	8.1
01N05W31A01		12/29/94	46.1	9.7	24.0	2.2	195.2	24.7	4.8	33.7	0.3	242	430	160	198	7.7
01N05W31A01		2/1/95								33.6						
01N05W31A01		5/2/95								33.0						
01N05W31A01		6/15/95	64.9	8.6	13.1	1.6	189.3	25.9	5.9	32.4	0.2	246	420	155	189	8.0
01N05W31A01		8/29/95								25.6						
01N05W31A01		11/7/95								30.6						
01N07W04C01	3602868	8/15/89								21.1		203				
01N07W04C01		8/13/90	39.9	5.9	20.7	1.8	148.8	18.3	9.3	20.3	-0.1	191	330			7.9
01N07W17Q01		8/15/89								0.8		236				
01N07W17Q01		8/13/90								1.0		210				
01N07W17Q01		8/13/90	33.6	19.4	13.3	2.1	197.6	18.6	5.3	-1.0	0.5	211	370			7.9
01N07W27H03	3601740	8/5/84	51.8	11.4	15.3	1.8		37.0	14.0	19.0	0.4		430	139	178	8.2
01N07W27H03	3601740	8/6/85	51.3	10.2	15.2	1.3	162.0	42.0	9.0	21.0	0.3	241	425	133	176	7.7
01N07W27H03	3601740	7/29/86	49.8	11.8	13.9	1.8	166.8	38.9	3.3	23.7	0.3	311	410	137	178	7.6
01N07W27H03	3601740	8/13/87	53.7	11.8	15.3	1.8	171.0	40.8	17.0	23.0	0.5	297	440	140	182	7.9
01N07W27H03	3601740	8/15/88	51.6	10.1	16.3	2.1	169.9	49.0	8.8	19.4	0.3	236	410	131	170	7.2
01N07W27H03	3601740	8/15/89	57.7	15.4	16.5	1.7	197.2	48.3	8.2	21.9	0.3	283	480	162	207	8.1
01N07W27H03	3601740	8/6/91	48.1	12.2	15.2	1.8	168.4	35.9	8.5	18.3	-0.1	209	400	138	170	7.6
01N07W27H03	3601740	8/5/92	48.1	11.7	19.1	1.6	178.1	33.4	7.6	17.5	0.3	212	400	146	168	7.6
01N07W27H03	3601740	8/15/89								21.9		283				
01N07W27H03	3601740	2/15/94								16.1						
01N07W27H03	3601740	5/11/94								18.0						
01N07W27H03	3601740	8/2/94	51.6	13.0	15.2	1.5	165.4	36.4	8.8	21.4	0.3	230	400	136	172	7.0
01N07W27H03	3601740	8/13/90	42.5	16.9	14.4	1.6	175.2	31.0	6.6	17.5	0.2	244	400			7.6
01N07W27H03	3601740	9/8/94								20.3						
01N07W27H03	3601740	11/16/94								19.3						
01N07W27H03	3601740	2/28/95								27.5						
01N07W27H03	3601740	5/11/95								25.7						
01N07W27H03	3601740	8/9/95	52.2	13.5	15.4	1.6	174.7	38.8	8.4	20.3	0.2	238	410	143	184	8.1
01N07W27J01	3602906	8/15/89								11.3		330				
01N07W27J01	3602906	8/30/90	53.8	10.5	22.6	1.8	200.1	38.6	7.0	11.7	0.2	258	430			7.5
01N07W27P02		8/5/84	64.3	15.3	20.3	1.9		47.0	14.0	36.0	0.4		545	172	218	8.0
01N07W27P02		8/6/85	68.2	13.7	15.8	1.4	197.0	64.0	9.4	31.0	0.2	306	525	162	235	7.8
01N07W27P02		7/29/86	72.1	16.6	14.3	1.9	210.9	62.5	6.8	44.9	0.3	429	570	173	251	7.9
01N07W27P02		8/13/87	76.9	11.6	17.9	1.9	194.6	53.0	14.1	35.0	0.5	362	550	160	240	7.9
01N07W27P02		8/15/88	61.7	13.0	22.4	2.3	191.3	61.9	7.2	32.4	0.4	318	530	157	208	7.3

EXHIBIT A

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01N07W27P02		8/15/89	66.5	13.7	22.3	1.7	216.7	67.0	8.6	25.5	0.2	348	560	178	222	8.2	
01N07W27P02		8/6/91	60.9	18.5	19.2	1.8	197.6	62.9	9.4	30.3	0.2	284	520	162	228	7.6	
01N07W27P02		8/5/92	56.1	19.3	26.1	1.7	212.3	58.1	8.7	24.6	0.3	282	510	174	220	7.7	
01N07W27P02	3600541	8/15/89								25.5		347					
01N07W27P02		1/5/94								11.1							
01N07W27P02		2/1/94								13.2							
01N07W27P02		2/15/94								10.9							
01N07W27P02		3/29/94								19.6							
01N07W27P02		4/21/94								22.9							
01N07W27P02		4/28/94								12.0							
01N07W27P02		5/2/94								10.6							
01N07W27P02		5/11/94								8.9							
01N07W27P02		5/26/94								13.4							
01N07W27P02		6/2/94								18.0							
01N07W27P02		6/21/94								24.9							
01N07W27P02		6/29/94								23.4							
01N07W27P02		7/6/94								24.2							
01N07W27P02		7/11/94								24.6							
01N07W27P02		7/13/94								25.8							
01N07W27P02		7/28/94								30.7							
01N07W27P02		8/2/94	64.1	17.4	21.6	1.6	201.1	62.1	9.5	29.5	0.3	305	520	165	224	7.8	
01N07W27P02		8/9/94								34.0							
01N07W27P02		8/13/90	35.2	37.6	18.3	1.9	204.5	47.7	7.1	30.7	0.1	312	520			7.4	
01N07W27P02		8/18/94								35.2							
01N07W27P02		8/25/94								26.8							
01N07W27P02		9/1/94								37.4							
01N07W27P02		9/8/94								28.8							
01N07W27P02		9/15/94								38.5							
01N07W27P02		9/22/94								32.8							
01N07W27P02		10/6/94								28.8							
01N07W27P02		10/13/94								40.4							
01N07W27P02		11/3/94								29.9							
01N07W27P02		11/16/94								39.9							
01N07W27P02		2/28/95								35.4							
01N07W27P02		5/11/95								52.0							
01N07W27P02		5/25/95								63.9							
01N07W27P02		6/8/95								37.3							
01N07W27P02		7/27/95								43.9							
01N07W27P02		8/7/95	58.5	18.4	19.8	1.7	184.5	59.3	13.8	31.9	0.2	294	510	151	220	8.0	
01N07W27P02		8/9/95								34.6							
01N07W27P02		9/7/95								39.2							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N07W27P02		9/28/95									41.3					
01N07W27P02		10/5/95									39.7					
01N07W27P02		10/26/95									49.4					
01N07W27P02		11/2/95									48.9					
01N07W27P02		11/22/95									58.4					
01N07W27P02		12/28/95									56.0					
01N07W27P02		1/3/96									74.4					
01N07W27P02		1/25/96									55.5					
01N07W27Q01	3600549	8/5/84	53.6	14.3	21.2	1.9		49.0	16.0	36.0	0.4		500	148	192	8.3
01N07W27Q01	3600549	8/6/85	52.1	16.1	16.6	1.4	176.0	47.0	10.0	32.0	0.3	269	480	146	191	7.7
01N07W27Q01	3600549	7/29/86	53.7	12.7	17.0	1.9	176.8	46.7	5.1	32.4	0.3	356	450	145	202	8.1
01N07W27Q01	3600549	8/13/87	59.3	8.6	20.9	1.8	181.5	35.4	12.5	27.0	0.5	307	450	149	183	7.9
01N07W27Q01	3600549	8/15/88	51.6	7.9	24.5	1.7	169.5	36.9	7.6	20.3	0.3	244	440	139	161	7.4
01N07W27Q01	3600549	8/15/89	48.7	12.5	25.6	1.6	193.2	39.1	6.7	21.2	0.2	267	460	158	173	8.0
01N07W27Q01	3600549	8/6/91	45.2	9.5	24.8	1.6	176.7	33.4	7.3	19.4	0.2	214	400	145	152	7.7
01N07W27Q01	3600549	8/5/92	41.6	11.2	28.7	1.5	187.9	29.1	5.8	17.5	0.3	213	390	154	150	7.8
01N07W27Q01	3600549	8/15/89								21.2		267				
01N07W27Q01	3600549	2/15/94								6.0						
01N07W27Q01	3600549	5/11/94								27.9						
01N07W27Q01	3600549	8/2/94	49.7	11.3	24.1	1.4	178.1	36.3	8.7	24.2	0.3	244	420	146	164	8.0
01N07W27Q01	3600549	8/13/90	44.5	10.5	23.2	1.6	183.0	26.5	5.9	17.6	0.1	236	400			7.6
01N07W27Q01	3600549	9/8/94								24.5						
01N07W27Q01	3600549	11/16/94								26.7						
01N07W27Q01	3600549	2/28/95								27.7						
01N07W27Q01	3600549	5/11/95								37.8						
01N07W27Q01	3600549	8/9/95	50.9	12.7	23.8	1.5	177.6	40.3	8.6	29.0	0.2	256	440	146	184	8.1
01N07W28N02	3600029	8/6/85	46.7	7.5	10.0	1.1	142.0	14.0	6.0	43.0	0.4	198	350	116	153	7.8
01N07W28N02	3600029	7/29/86	47.1	5.7	8.9	1.4	151.6	22.4	1.0	12.0	0.4	252	320	124	445	8.0
01N07W28N02	3600029	8/13/87	49.8	7.3	14.4	1.8	108.6	16.4	13.0	65.0	0.4	252	1	89	154	7.8
01N07W28N02	3600029	8/15/88	50.8	7.5	16.7	2.2	102.1	22.2	9.6	77.8	0.5	232	390	84	158	7.3
01N07W28N02	3600029	8/15/89	50.5	16.5	15.9	1.7	149.3	21.4	9.0	92.7	0.5	277	470	122	194	8.0
01N07W28N02	3600029	8/6/91	45.7	9.2	12.5	1.6	151.3	19.9	5.2	31.9	0.3	188	350	124	152	7.7
01N07W28N02	3600029	8/5/92	44.1	8.3	18.3	1.5	168.4	15.7	3.7	31.3	0.4	192	350	138	144	7.8
01N07W28N02	3600029	8/15/89								92.7		277				
01N07W28N02	3600029	2/15/94								14.4						
01N07W28N02	3600029	5/11/94								22.9						
01N07W28N02	3600029	8/2/94	45.7	7.3	11.4	1.4	157.1	18.1	6.9	27.9	0.4	196	350	129	150	8.0
01N07W28N02	3600029	8/13/90	46.1	16.7	15.1	1.9	142.0	22.1	8.1	93.9	0.3	266	450			7.6
01N07W28N02	3600029	11/16/94								25.1						
01N07W28N02	3600029	2/28/95								20.7						
01N07W28N02	3600029	5/11/95								26.7						

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01N07W28N02	3600029	7/6/95										24.2					
01N07W28N02	3600029	8/9/95	45.7	7.0	14.0	1.4	152.3	13.7	5.7	23.1	0.4	190	330	125	148	8.2	
01N07W29E01	3601563	4/24/89	49.2	10.7	11.4	0.9	159.9	49.4	5.2	10.9	0.4	240	400	131	167	7.7	
01N07W29E01	3601563	2/7/90	50.5	13.1	10.2	1.7	187.9	22.0	6.1	11.9	-0.1	238	390	154	180	8.0	
01N07W29E01	3601563	8/20/91	42.9	17.9	11.8	1.8	185.4	25.1	7.4	16.5	0.4	200	400	152	181	8.0	
01N07W29E01	3601563	7/17/92	44.9	17.2	12.5	1.7	210.8	20.4	2.3	15.5	0.5	201	400	173	183	7.7	
01N07W29E01	3601563	7/29/92	52.1	11.2	13.4	1.7	194.2	22.4	5.0	16.9	0.4	203	390	159	176	7.9	
01N07W29E01	3601563	11/11/94	64.1	12.9	13.3	2.0	218.1	29.5	8.7	26.2	0.5	264	450	179	208	7.9	
01N07W29E02		11/17/93	51.3	15.1	12.1	1.3	206.9	22.3	7.3	17.6	0.5	229	420	170	190	7.9	
01N07W29E02		5/18/94	50.0	17.3	15.4	1.9	229.4	22.3	7.2	21.6	0.3	248	430	188	196	7.8	
01N07W29E02		4/26/95	64.1	11.6	12.9	1.8	217.2	21.9	5.8	23.5	0.3	250	440	178	204	7.9	
01N07W29E02		8/14/95										23.4					
01N07W29E02		10/23/95										20.8					
01N07W29P01		4/11/94										23.6					
01N07W29P01		8/16/94	56.1	7.4	11.8	1.5	189.8	23.1	6.8	11.7	0.4	212	380	156	172	7.9	
01N07W29P01		3/28/95										12.0					
01N07W29P01		4/10/95	57.5	7.2	14.2	1.5	197.6	21.2	1.0	14.0	0.4	214	380	162	170	8.1	
01N07W29P01		5/20/95										14.5					
01N07W29P01		7/17/95										18.1					
01N07W29P01		10/9/95										11.6					
01N07W32R01		8/15/85	50.8	9.7	9.8	1.2	165.0	26.0	5.0	21.0	0.3	231	375	136	170	8.0	
01N07W32R01		12/22/86										21.7	0.3				
01N07W32R01		7/8/88	59.3	7.0	12.3	1.5	185.2	28.6	3.8	22.1	0.3	248	410	152	177	7.7	
01N07W32R01		1/29/91	59.3	7.8	13.8	1.7	180.6	28.8	7.6	20.6	0.4	246	410	148	180	7.9	
01N07W32R01		7/29/92	50.3	11.3	15.2	1.7	192.8	27.6	4.8	19.4	0.4	210	400	158	172	8.0	
01N07W32R01		8/24/92	52.9	11.6	14.0	1.5	190.3	33.1	5.4	18.9	0.3	216	420	156	180	7.9	
01N07W32R01		1/10/94										15.2					
01N07W32R01		2/28/94										8.6					
01N07W32R01		4/28/94	44.2	6.2	8.4	1.3	150.3	19.6	4.1	7.0	0.3	165	300	123	136	7.8	
01N07W32R01		5/31/94										4.9					
01N07W32R01		11/11/94	50.0	8.8	12.2	1.7	165.4	24.6	7.7	14.7	0.4	201	350	136	152	8.0	
01N07W32R01		8/16/95	39.2	6.6	8.7	1.2	141.5	14.8	2.0	5.1	0.4	148	280	116	138	7.9	
01N07W32R02	3601557	8/7/84	41.4	8.0	9.1	1.4		19.0	7.0	14.0	0.6	195	310	120	146	7.9	
01N07W32R02	3601557	8/15/85	44.4	9.2	8.4	1.0	163.0	23.0	6.0	16.0	0.5	209	350	134	153	7.8	
01N07W32R02	3601557	12/22/86										14.0	0.3				
01N07W32R02	3601557	7/8/88	57.0	7.2	12.6	1.8	174.5	24.6	3.6	22.2	0.3	226	400	143	172	7.8	
01N07W32R02	3601557	1/29/91	59.3	7.8	13.4	1.7	178.1	26.8	7.4	27.5	0.3	242	410	146	180	7.9	
01N07W32R02	3601557	7/29/92	50.5	12.2	14.9	1.7	183.0	27.2	5.0	23.4	0.4	210	400	150	176	8.0	
01N07W32R02	3601557	2/2/93	44.9	10.2	11.1	1.3	165.9	22.4	6.2	11.9	0.5	177	340	136	154	8.1	
01N07W32R02	3601557	1/10/94										-1.0					
01N07W32R02	3601557	5/12/94	46.1	5.6	9.5	1.4	154.2	20.3	4.8	5.7	0.4	170	300	126	138	8.0	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Fluoride (mg/L)					
01N07W32R02	3601557	7/12/94									14.4					
01N07W32R02	3601557	11/11/94	53.5	9.0	14.0	1.8	174.7	25.4	8.1	16.4	0.4	215	420	143	160	8.0
01N07W33D01	3601304	8/9/84	39.9	6.7	9.0	1.6		12.0	5.0	6.0	0.4		330	131	147	7.7
01N07W33D01	3601304	8/6/85	42.1	7.2	11.9	1.1	163.0	17.0	3.0	10.0	0.2	212	330	133	142	8.0
01N07W33D01	3601304	7/29/86	46.6	7.5	10.8	1.5	156.9	26.8	5.5	10.8	0.5	267	340	129	148	7.7
01N07W33D01	3601304	8/13/87	48.7	8.0	10.2	1.6	156.3	16.4	8.0	16.0	0.6	231	350	128	154	7.9
01N07W33D01	3601304	8/15/88	48.2	8.7	12.5	1.9	149.8	22.2	4.2	21.6	0.4	211	360	123	156	7.5
01N07W33D01	3601304	8/15/89	43.9	10.1	12.5	1.6	159.1	17.2	4.4	26.0	0.4	212	360	130	151	8.0
01N07W33D01	3601304	8/6/91	45.7	9.2	12.6	1.7	146.4	19.3	6.2	37.2	0.4	192	360	120	152	7.7
01N07W33D01	3601304	8/5/92	50.5	7.3	17.8	1.5	187.9	16.6	3.2	19.1	0.4	193	350	154	156	7.9
01N07W33D01	3601304	8/15/89								26.0		212				
01N07W33D01	3601304	2/15/94								8.6						
01N07W33D01	3601304	5/11/94								9.3						
01N07W33D01	3601304	8/2/94	47.7	6.5	10.3	1.3	164.9	16.4	6.3	10.8	0.3	181	330	135	146	8.0
01N07W33D01	3601304	8/13/90	36.0	14.7	11.7	1.7	169.8	13.3	4.1	21.3	0.3	201	340			7.7
01N07W33D01	3601304	11/16/94								8.8						
01N07W33D01	3601304	5/11/95								10.0						
01N07W33D01	3601304	7/6/95								16.6						
01N07W33D01	3601304	8/9/95	44.9	7.1	13.1	1.4	161.0	13.1	5.2	14.2	0.4	180	320	132	149	8.3
01N07W33D03	3602867	7/29/86	38.3	6.9	9.7	1.5	153.7	15.2	1.3	10.9	0.4	237	300	126	134	7.9
01N07W33D03	3602867	8/13/87	44.0	7.3	11.5	1.7	148.5	14.2	8.5	14.1	0.7	219	330	122	141	8.0
01N07W33D03	3602867	8/15/88	43.3	7.4	10.9	1.5	150.4	15.3	3.6	9.8	0.4	181	320	123	138	7.5
01N07W33D03	3602867	8/15/89	45.3	16.4	11.8	1.6	213.7	15.4	2.6	9.1	0.4	252	420	175	181	8.0
01N07W33D03	3602867	8/6/91	44.9	6.8	12.1	1.7	163.5	16.3	4.6	11.8	0.4	166	320	134	140	7.8
01N07W33D03	3602867	8/5/92	47.7	8.0	17.1	1.5	193.2	16.2	2.4	6.8	0.4	179	360	158	152	7.9
01N07W33D03	3602867	8/15/89								9.1		252				
01N07W33D03	3602867	2/15/94								5.6						
01N07W33D03	3602867	5/11/94								6.1						
01N07W33D03	3602867	8/2/94	46.1	8.0	12.5	1.5	174.7	16.2	6.1	8.6	0.4	185	330	143	146	8.1
01N07W33D03	3602867	8/30/90	45.3	16.4	11.8	1.6	213.7	15.4	2.6	9.1	0.4	252	420			8.0
01N07W33D03	3602867	11/16/94								8.8						
01N07W33D03	3602867	2/28/95								6.2						
01N07W33D03	3602867	5/11/95								6.2						
01N07W33D03	3602867	7/6/95								10.4						
01N07W33D03	3602867	8/9/95	46.1	7.7	12.8	1.6	170.8	14.8	4.9	9.5	0.4	182	330	140	151	8.2
01N07W33E01	3602869	4/24/85	45.0	7.9	10.0	1.6	171.0	17.0	3.3	12.1	0.4	195	333	141	145	7.6
01N07W33E01	3602869	7/29/86	40.7	8.7	11.3	1.6	150.6	17.1	0.5	28.6	0.4		340	123	138	7.8
01N07W33E01	3602869	8/13/87	49.7	7.0	12.4	1.9	122.8	21.7	11.5	44.0	0.7	243	350	101	153	7.9
01N07W33E01	3602869	8/15/88	50.3	7.3	13.4	1.9	122.3	27.9	7.4	46.8	0.5	203	360	100	156	7.5
01N07W33E01	3602869	8/15/89	49.0	17.9	12.5	1.7	192.3	24.4	5.7	43.6	0.4	271	460	158	196	8.0
01N07W33E01	3602869	8/6/91	48.1	9.7	12.8	1.8	140.5	22.6	7.2	41.1	0.3	201	370	115	160	77.0

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01N07W33E01	3602869	8/5/92	51.3	7.8	17.8	1.6	158.6	22.0	5.5		41.6	0.4	213	380	130	160	7.8
01N07W33E01	3602907	8/15/89									43.6		271				
01N07W33E01	3602869	2/15/94									13.8						
01N07W33E01	3602869	5/11/94									11.8						
01N07W33E01	3602869	8/2/94	48.1	8.3	12.4	1.5	167.4	17.5	6.6		15.3	0.4	192	340	137	150	8.0
01N07W33E01	3602869	8/13/90	52.1	8.3	12.1	1.8	141.5	19.6	5.9		52.4	0.3	228	380			7.9
01N07W33E01	3602869	11/16/94									16.8						
01N07W33E01	3602869	2/28/95									20.7						
01N07W33E01	3602869	5/11/95									20.4						
01N07W33E01	3602869	7/6/95									23.5						
01N07W33E01	3602869	8/9/95	48.1	8.2	13.9	1.6	158.6	20.6	5.8		21.9	0.3	203	350	130	160	8.0
01N07W33L01	3601062	8/5/84	55.3	6.6	11.1	1.8		21.0	13.0		54.0	0.5		385	107	158	8.1
01N07W33L01	3601062	8/6/85	52.1	7.3	12.3	1.3	108.0	28.0	12.0		66.0	0.4	232	410	89	168	7.9
01N07W33L01	3601062	7/29/86	54.6	10.0	11.9	1.8	76.6	34.9	8.6		120.6	0.4	318	420	63	178	7.5
01N07W33L01	3601062	8/13/87	53.3	7.1	13.1	1.8	110.2	29.2	14.5		68.0	0.6	254	380	90	162	7.8
01N07W33L01	3601062	8/15/88	44.3	9.6	12.9	1.6	122.3	27.3	8.2		40.4	0.4	210	350	100	150	7.4
01N07W33L01	3601062	8/15/89	40.7	17.9	15.4	1.7	187.9	21.1	6.2		29.2	0.4	256	420	154	175	8.1
01N07W33L01	3601062	8/6/91	52.1	8.3	17.9	2.0	-164.9	29.0	7.7		38.9	0.4	224	400	135	164	7.6
01N07W33L01	3601062	8/5/92	60.9	10.2	23.0	1.9	192.8	34.0	7.9		40.1	0.4	257	450	158	194	7.8
01N07W33L01	3601062	8/15/89									29.2		256				
01N07W33L01	3601062	1/5/94									28.9						
01N07W33L01	3601062	2/1/94									29.3						
01N07W33L01	3601062	2/15/94									23.2						
01N07W33L01	3601062	2/17/94									23.7						
01N07W33L01	3601062	4/28/94									29.7						
01N07W33L01	3601062	5/11/94									28.8						
01N07W33L01	3601062	6/2/94									29.5						
01N07W33L01	3601062	6/29/94									42.5						
01N07W33L01	3601062	7/6/94									40.9						
01N07W33L01	3601062	7/11/94									48.6						
01N07W33L01	3601062	7/13/94									45.7						
01N07W33L01	3601062	7/21/94									44.8						
01N07W33L01	3601062	7/28/94									43.3						
01N07W33L01	3601062	8/2/94	49.7	14.0	1.6	1.6	135.7	25.4	8.4		40.5	0.4	208	380	111	154	7.9
01N07W33L01	3601062	8/9/94									42.1						
01N07W33L01	3601062	8/13/90	39.7	8.9	14.8	1.8	150.3	15.9	5.4		21.4	0.3	201	330			7.6
01N07W33L01	3601062	8/18/94									43.0						
01N07W33L01	3601062	8/25/94									45.0						
01N07W33L01	3601062	9/1/94									45.3						
01N07W33L01	3601062	9/8/94									51.3						
01N07W33L01	3601062	9/15/94									48.6						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N07W33L01	3601062	9/22/94									56.1					
01N07W33L01	3601062	9/28/94									54.8					
01N07W33L01	3601062	10/6/94									69.0					
01N07W33L01	3601062	10/13/94									55.8					
01N07W33L01	3601062	10/20/94									58.0					
01N07W33L01	3601062	10/27/94									48.2					
01N07W33L01	3601062	11/3/94									36.0					
01N07W33L01	3601062	11/10/94									64.2					
01N07W33L01	3601062	11/16/94									56.8					
01N07W33L01	3601062	11/30/94									63.6					
01N07W33L01	3601062	2/28/95									89.4					
01N07W33L01	3601062	5/11/95									60.0					
01N07W33L01	3601062	6/8/95									53.8					
01N07W33L01	3601062	8/9/95	52.2	8.3	15.4	1.7	131.3	27.3	8.4	51.3	0.4	238	390	108	164	8.0
01N07W33L01	3601062	1/3/96									36.9					
01N07W33N01	3601558	8/15/85	46.2	5.5	8.4	0.9	169.0	21.0	3.0	8.0	0.4	194	350	139	153	7.8
01N07W33N01	3601558	12/26/86								18.0	0.3					
01N07W33N01	3601558	7/8/88	58.3	7.0	10.1	1.6	152.6	22.3	5.7	38.9	0.3	227	400	125	174	7.8
01N07W33N01	3601558	2/26/91	60.9	8.3	12.2	1.7	165.9	28.3	4.6	42.7	0.2	235	420	136	186	7.9
01N07W33N01	3601558	2/2/93	54.5	8.7	11.7	1.4	144.4	29.3	7.7	41.8	0.5	215	380	118	172	8.0
01N07W33N01	3601558	1/10/94								7.9						
01N07W33N01	3601558	2/28/94								7.5						
01N07W33N01	3601558	4/28/94	44.5	8.0	10.6	1.4	160.6	21.0	3.8	5.3	0.3	174	320	132	144	7.9
01N07W33N01	3601558	5/31/94								2.7						
01N07W33N01	3601558	6/27/94								4.0						
01N07W33N01	3601558	8/3/94								12.8						
01N07W33N03		8/7/84	48.9	7.5	10.8	1.4		27.0	6.0	18.0	0.5		350	126	160	7.9
01N07W33N03		8/15/85	52.0	6.4	10.0	1.3	171.0	24.0	4.0	13.0	0.4	223	350	140	156	8.1
01N07W33N03		5/1/87								9.8	0.3					
01N07W33N03		7/8/88	54.5	6.9	11.5	1.8	175.1	21.9	3.1	19.5	0.3	223	400	144	164	7.5
01N07W33N03		1/29/91	51.6	9.5	12.7	1.8	177.1	23.5	6.5	16.5	0.3	213	380	145	168	8.0
01N07W33N03		7/29/92	48.1	12.9	12.5	1.6	185.4	24.1	4.2	18.7	0.4	199	380	152	173	8.0
01N07W33N03		2/2/93	44.5	10.4	11.3	1.2	164.9	21.9	6.1	11.0	0.5	175	340	135	154	8.0
01N07W33N03		1/10/94								6.8						
01N07W33N03		2/28/94								6.4						
01N07W33N03		4/28/94	44.9	6.6	10.2	1.4	155.2	20.7	4.1	6.1	0.4	171	310	127	139	7.9
01N07W33N03		7/12/94								13.6						
01N07W33N03		11/11/94	47.3	7.3	12.7	1.6	160.6	22.5	7.2	11.6	0.4	190	330	132	149	8.0
01N07W33P01		8/7/84	44.6	6.1	10.6	1.4		16.0	7.0	12.0	0.5		325	130	145	7.7
01N07W33P01		8/15/85	46.9	5.0	9.2	1.0	163.0	18.0	4.0	11.0	0.4	206	320	133	138	7.9
01N07W33P01		6/23/87								26.3	0.9					

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N07W33P01		6/20/89	51.4	5.8	18.6	1.7	135.8	29.9	8.1	48.0	1.7	228	380	111	152	7.9
01N07W33P01		1/22/91	53.8	12.0	15.6	2.0	156.2	31.0	8.8	42.3	0.8	258	430	128	184	8.0
01N07W33P01		2/2/93	60.1	7.3	14.2	1.6	146.4	36.0	9.6	51.3	0.5	241	430	120	180	8.1
01N07W33P01		1/10/94								17.3						
01N07W33P01		2/28/94								16.5						
01N07W33P01		8/15/94	46.5	6.5	11.7	1.6	156.2	23.8	7.1	16.0	0.4	190	340	128	152	7.9
01N07W34A02	3600986	8/5/84	72.7	13.0	20.9	2.0		49.0	16.0	73.0	0.4		580	157	239	8.1
01N07W34A02	3600986	8/6/85	81.2	19.7	15.1	1.6	190.0	56.0	19.0	84.0	0.4	391	660	156	292	7.7
01N07W34A02	3600986	7/29/86	76.1	22.5	18.1	2.1	171.0	64.0	13.7	120.5	0.3	488	650	140	294	7.9
01N07W34A05	3600548	8/5/84	59.1	14.4	23.3	2.0		49.0	15.0	52.0	0.4		525	158	213	8.3
01N07W34A05	3600548	8/6/85	60.6	15.6	19.8	1.4	183.0	48.0	11.0	49.0	0.2	319	525	150	216	7.7
01N07W34A05	3600548	7/29/86	57.1	12.9	19.6	1.9	175.2	43.1	4.5	49.6	0.2	363	475	144	198	7.9
01N07W34A05	3600548	8/13/87	69.2	14.6	18.6	2.1	193.1	43.3	16.5	57.1	0.6	378	550	158	233	7.9
01N07W34A07	3602907	11/19/85	33.8	2.5	84.8	2.4	174.2	63.4	11.3	80.2	0.2	406	590	143	110	8.3
01N07W34A07	3602907	11/20/85	60.5	12.7	42.9	2.7	175.2	68.2	12.8	83.9	0.2	421	600	144	218	8.3
01N07W34A07	3602907	8/13/87	56.1	6.3	29.3	1.8	156.9	36.1	15.0	50.1	0.5	313	480	129	166	8.0
01N07W34A07	3602907	8/15/88	54.1	6.4	34.9	1.8	158.8	43.3	11.4	41.5	-0.1	269	450	130	162	7.7
01N07W34A07	3602907	8/15/89	51.4	17.5	33.5	1.7	228.4	38.8	8.8	43.3	-0.1	341	550	187	200	8.0
01N07W34A07	3602907	8/6/91	48.9	8.3	30.6	1.7	168.4	32.7	9.0	44.7	0.1	245	450	138	156	7.9
01N07W34A07	3602907	8/5/92	48.9	8.7	35.1	1.6	178.1	31.2	8.6	45.8	0.1	253	450	146	158	7.9
01N07W34A07	3602907	8/15/89								43.3		341				
01N07W34A07	3602907	2/15/94								52.8						
01N07W34A07	3602907	5/11/94								54.4						
01N07W34A07	3602907	8/2/94	62.5	14.3	19.4	1.8	187.4	34.7	11.2	66.5	0.3	303	530	154	224	7.9
01N07W34A07	3602907	8/13/90	49.7	11.5	27.5	1.8	195.7	27.6	8.5	44.9	-0.1	271	460			7.8
01N07W34A07	3602907	9/8/94								72.6						
01N07W34A07	3602907	11/16/94								39.6						
01N07W34A07	3602907	2/28/95								83.4						
01N07W34A07	3602907	5/11/95								76.0						
01N07W34A07	3602907	8/9/95	71.4	14.4	26.9	2.0	195.2	51.6	14.1	74.9	0.1	358	560	160	244	8.1
01N07W34A08	3603000	8/15/89								29.0		323				
01N07W34A08	3603000	8/13/90	37.5	11.3	30.6	1.5	175.2	27.8	6.5	32.4	0.1	241	410			7.7
01N07W34C	3603039	8/15/89								33.2		335				
01N07W34C	3603039	8/13/90	50.1	16.4	35.5	1.8	189.3	61.7	9.2	33.2	0.3	335	540			8.1
01N08W24E		2/5/92								5.1						
01N08W24E01	9990007	8/7/84	44.0	9.5	8.7	1.6		24.0	6.0	9.0	0.5		350	132	163	8.0
01N08W24E01	9990007	8/15/85	51.1	9.3	9.0		190.0	29.0	3.0	4.0	0.5	220	375	156	169	7.6
01N08W24E01	9990007	12/22/86								6.1	0.3					
01N08W24E01	9990007	7/8/88	56.5	8.6	6.5	1.9	196.4	22.5	1.0	2.5	0.3	227	380	161	177	7.7
01N08W24E01	9990007	3/6/90	54.3	14.3	7.5	1.8	216.2	25.0	3.2	3.6	0.2	252	420	177	194	7.7
01N08W24E01	9990007	1/9/91	59.3	11.2	7.2	2.1	204.0	25.4	5.2	3.1	0.3	225	400	167	194	7.7



**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01N08W24E01	9990007	4/24/91	55.4	13.6	6.4	2.0	188.4	38.3	4.6	6.8	0.3	232	400	154	194	7.6	
01N08W24E01	9990007	7/29/92	46.1	12.8	7.6	1.7	187.9	23.5	2.0	2.2	0.4	173	330	154	168	7.9	
01N08W24E01	9990007	10/26/92	48.1	11.7	10.7	1.6	189.3	25.2	3.3	4.6	0.4	183	350	155	168	7.7	
01N08W24E01	9990007	1/24/94									2.0						
01N08W24E01	9990007	5/17/94	52.9	12.6	9.2	2.0	197.2	25.9	6.2	2.2	0.3	208	380	162	184	7.7	
01N08W24E01	9990007	10/10/94	51.3	11.4	8.0	2.0	185.4	24.9	6.4	1.6	0.3	197	360	152	176	7.7	
01N08W24E01	9990007	6/21/95									4.9						
01N08W24E01	9990007	6/27/95	45.8	9.1	8.6	1.6	165.4	21.6	3.0	2.7	0.2	174	320	136	158	7.7	
01N08W24E01	9990007	8/22/95	42.5	11.0	10.5	1.8	175.2	20.3	1.1	2.7	0.2	176	330	144	160	8.0	
01N08W24E02		8/7/84	55.9	10.7	11.3	1.7		25.0	8.0	28.0	0.5		410	142	192	8.1	
01N08W24E02		8/15/85	56.0	9.4	7.7	1.4	189.0	27.0	4.0	7.0	0.3	238	375	155	191	7.7	
01N08W24E02		12/22/86									3.9						
01N08W24E02		7/8/88	81.7	10.0	9.1	1.7	274.4	24.2	1.9	5.9	0.2	295	500	225	245	7.3	
01N08W24E02		3/6/90	55.1	11.1	9.4	1.8	207.4	24.3	4.2	6.8	0.2	236	400	170	183	7.6	
01N08W24E02		1/9/91	61.2	12.3	9.9	2.0	222.0	16.7	5.5	5.3	0.2	247	430	182	203	7.7	
01N08W24E02		4/24/91	90.7	24.4	10.5	2.4	370.9	29.4	5.1	9.4	0.2	401	680	304	327	7.4	
01N08W24E02		7/29/92	52.9	10.7	10.7	1.8	200.1	26.5	2.0	5.5	0.4	193	370	164	176	7.7	
01N08W24E02		5/19/93	41.6	10.9	10.5	1.0	168.8	21.2	5.2	2.6	0.4	177	320	138	149	7.7	
01N08W24E02		1/10/94									5.3						
01N08W24E02		5/17/94	48.1	9.7	9.9	1.7	180.1	21.9	5.9	3.2	0.3	189	340	148	160	7.7	
01N08W24E02		10/10/94	48.1	11.0	10.8	1.9	183.0	21.7	5.8	2.4	0.3	192	350	150	165	7.6	
01N08W24E02		6/21/95									4.9						
01N08W24E02		6/27/95	52.9	10.0	9.3	1.7	186.9	27.2	2.9	6.3	0.2	202	370	153	182	7.6	
01N08W24E02		8/22/95	48.1	9.4	11.1	1.8	183.0	22.6	1.3	4.5	0.3	189	350	15	172	7.9	
01N08W24H01		7/8/88	53.8	9.9	81.8	1.8	200.3	21.8	1.0	1.7	0.3	229	390	164	175	7.7	
01N08W24H01		11/1/88	52.1	12.2	8.2	2.4	194.2	27.3	8.0	3.0	0.3	232	400	159	180	7.6	
01N08W24H01		12/13/88	62.6	8.1	4.5	2.1	197.5	25.4	1.4	3.4	0.4	244	400	162	190	7.5	
01N08W24H01		1/10/89	60.8	13.8	8.2	2.6	194.2	56.4	1.1	5.2	0.2	271	460	159	152	7.2	
01N08W24H01		1/17/89	60.2	13.0	9.2	2.8	189.7	58.2	0.3	4.5	0.3	279	450	156	204	7.2	
01N08W24H01		1/24/89	59.1	12.8	4.2	2.3	208.8	32.1	4.5	4.1	-0.1	259	425	171	200	7.3	
01N08W24H01		2/2/89	46.1	10.3	29.0	2.2	217.7	32.0	4.4	3.9	-0.1	270	450	179	158	7.1	
01N08W24H01		2/7/89	67.1	12.0	10.0	2.3	211.0	45.2	10.8	3.8	0.6	298	480	173	217	7.8	
01N08W24H01		2/16/89	58.3	12.7	8.4	2.1	206.5	37.6	3.0	5.4	0.5	279	450	169	198	7.7	
01N08W24H01		2/21/89	62.2	9.2	12.1	1.6	212.1	32.2	2.8	5.3	0.6	275	450	174	193	7.4	
01N08W24H01		2/28/89	60.9	10.5	10.6	2.6	214.9	30.1	2.7	4.5	0.6	279	450	176	195	7.5	
01N08W24H01		3/14/89	57.3	10.1	12.2	1.9	202.6	32.2	6.0	4.2	0.4	268	440	166	185	6.9	
01N08W24H01		3/21/89	61.4	6.9	12.2	2.0	203.2	42.2	-1.0	4.4	0.4	255	440	167	182	7.6	
01N08W24H01		4/14/89	64.1	6.7	11.8	2.2	199.8	23.4	16.5	3.6	0.4	267	430	164	188	7.8	
01N08W24H01		4/24/89									3.5						
01N08W24H01		5/4/89	64.9	6.9	6.7	1.7	202.6	28.7	1.9	4.2	0.4	254	430	166	190	7.6	
01N08W24H01		5/9/89	60.4	8.8	8.1	2.8	200.3	29.4	1.9	12.7	0.4	248	420	164	187	7.3	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N08W24H01		5/15/89	55.8	13.2	7.8	1.8	186.9	41.0	1.8	7.7	0.4	248	420	153	194	7.3
01N08W24H01		5/23/89	53.0	13.8	10.1	2.2	196.4	33.8	4.6	6.3	0.3	249	430	161	189	8.0
01N08W24H01		5/30/89	53.7	12.9	10.5	1.7	197.0	30.7	3.7	3.7	0.5	262	430	162	187	7.8
01N08W24H01		6/7/89	57.3	12.1	9.8	2.0	220.0	28.3	2.8	4.0	0.3	262	430	180	193	7.8
01N08W24H01		6/13/89	51.4	14.7	10.1	2.2	209.3	32.5	3.8	3.7	0.4	249	430	172	189	7.8
01N08W24H01		6/27/89	51.7	16.8	8.1	2.0	208.8	29.5	4.2	3.1	0.4	267	430	171	198	7.8
01N08W24H01		7/5/89	51.7	14.4	9.9	2.1	212.3	26.8	2.6	2.4	0.4	244	420	174	188	8.1
01N08W24H01		8/15/89	55.3	14.5	8.2	2.3	214.2	26.1	2.9	2.2	0.4	254	430	176	198	8.6
01N08W24H01		8/29/89	52.7	15.0	5.6	1.6	209.4	24.7	-1.0	2.7	0.3	229	400	172	193	7.8
01N08W24H01		9/20/89	59.4	10.2	7.7	1.9	207.9	27.0	-1.0	2.4	0.4	242	410	170	216	8.1
01N08W24H01		9/21/89	60.7	11.0	7.9	1.9	212.8	27.1	-1.0	2.4	0.3	246	410	174	197	8.0
01N08W24H01		10/3/89	53.8	11.7	8.1	2.0	213.7	24.9	1.3	2.3	0.3	230	390	175	182	7.7
01N08W24H01		12/26/89	53.3	12.9	8.2	1.9	205.9	27.1	4.3	2.4	0.3	236	400	169	186	7.9
01N08W24H01		1/3/90	55.4	11.7	7.7	1.9	205.4	26.0	4.2	2.1	0.3	232	400	168	186	7.4
01N08W24H01		1/9/90	64.4	7.9	7.5	1.8	206.9	26.1	4.1	2.2	0.3	242	410	170	193	7.5
01N08W24H01		1/16/90	57.8	10.2	8.3	1.8	210.3	26.5	4.6	2.5	0.3	250	410	172	186	7.4
01N08W24H01		1/23/90	59.9	10.2	8.3	2.0	207.4	27.5	4.6	2.5	0.3	242	410	170	190	7.7
01N08W24H01		1/30/90	52.4	13.7	8.1	2.1	215.7	26.6	4.4	2.5	0.3	244	420	177	187	7.7
01N08W24H01		2/6/90	57.0	12.8	8.3	2.1	216.7	29.6	4.1	2.8	0.3	256	420	178	195	7.6
01N08W24H01		2/13/90	56.4	13.2	7.8	1.9	218.6	29.9	5.0	4.0	0.3	262	430	179	195	7.8
01N08W24H01		2/20/90	46.0	18.9	7.4	2.0	212.8	30.4	5.2	3.3	0.3	252	420	174	193	7.7
01N08W24H01		2/27/90	56.2	11.5	7.5	1.7	205.4	30.0	4.2	4.5	0.3	232	400	168	188	7.6
01N08W24H01		3/6/90	48.7	17.9	8.2	1.8	216.7	30.6	4.0	4.0	0.1	248	420	178	195	8.0
01N08W24H01		3/13/90	54.5	14.5	8.2	2.1	220.1	29.7	4.7	2.6	0.3	248	420	180	196	7.8
01N08W24H01		3/20/90	58.1	14.0	8.2	2.0	220.6	30.6	3.5	2.4	0.2	254	430	181	203	7.9
01N08W24H01		3/27/90	43.7	23.3	8.6	1.8	220.1	29.2	3.5	2.5	0.3	248	430	180	205	7.9
01N08W24H01		4/3/90	49.7	18.9	8.3	2.0	221.1	28.0	4.3	3.2	0.3	252	420	181	202	8.0
01N08W24H01		1/9/91	55.0	12.4	7.1	1.9	203.0	30.4	5.3	2.5	0.4	222	390	166	188	8.0
01N08W24H01		2/25/92	46.5	18.0	7.6	1.6	202.5	24.5	6.5	4.6	0.3	193	390	166	190	7.8
01N08W24H01		3/24/92	44.9	15.1	7.0	1.4	189.3	23.6	2.5	3.9	0.2	176	370	155	174	7.6
01N08W24L01	9990020	10/26/92	46.5	16.5	13.6	1.8	212.3	25.6	3.1	5.5	0.4	200	430	174	184	7.6
01N08W25K03	3600357	8/7/84	60.9	12.9	9.5	1.8		22.0	6.0	17.0	0.4		455	168	208	8.1
01N08W25K03	3600357	8/15/85	58.0	10.9	9.5	1.2	219.0	27.0	5.0	13.0	0.3	256	440	179	198	7.8
01N08W25K03	3600357	12/26/86								14.1	0.3					
01N08W25K03	3600357	7/8/88	70.2	11.6	9.9	2.2	236.8	24.9	5.7	15.0	0.3	275	480	194	223	7.6
01N08W25K03	3600357	1/15/91	76.9	13.1	11.0	2.0	253.8	30.4	11.0	32.2	0.3	296	520	208	246	7.6
01N08W25K03	3600357	7/29/92	89.7	13.6	13.7	2.1	285.5	31.3	9.9	32.3	0.4	310	570	234	280	7.7
01N08W25K03	3600357	10/26/92	72.1	18.5	14.7	1.9	270.8	26.9	9.0	25.6	0.3	280	530	222	256	7.8
01N08W25K03	3600357	2/2/93	62.5	25.3	10.1	1.9	257.7	30.6	10.8	35.3	0.4	282	550	211	260	7.9
01N08W25K03	3600357	1/18/94								15.9						
01N08W25K03	3600357	4/11/94	70.5	19.2	12.1	1.9	280.6	25.9	6.3	15.8	0.3	290	520	230	255	7.7

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01N08W25K03	3600357	2/27/95	62.5	15.9	12.0	2.2	247.4	33.0	5.7	19.6	0.2	273	520	203	256	7.8	
01N08W25K03	3600357	3/22/95								18.3							
01N08W25K03	3600357	5/20/95								15.0							
01N08W25K03	3600357	8/22/95								14.5							
01N08W25K03	3600357	4/17/92								24.0							
01N08W26E01		3/21/89	52.2	9.0	12.2	2.3	179.6	38.4	0.7	8.6	0.4	245	395	147	168	7.4	
01N08W26E01		9/15/93	44.1	11.2	7.5	1.6	174.7	19.1	1.4	3.1	0.2	174	320	143	156	7.8	
01N08W26E01		2/16/94								4.6							
01N08W33P01	1902451	4/24/90	125.1	21.4	27.3	2.3	271.8	112.6	61.6	42.9	0.5	537	910	400	223	7.7	
01N08W33P01	1902451	2/12/92	137.0	27.2	28.4	2.0	280.1	129.1	70.4	39.7	0.4	549	990			7.1	
01N08W34A01	9990026	6/20/90	57.8	11.3	12.4	1.7	174.7	31.6	8.5	30.4	0.5	252	420	143	191	7.7	
01N08W34A01	9990026	2/19/92	56.1	14.1	15.7	1.7	187.9	35.6	9.3	24.9	0.3	235	460	154	198	7.5	
01N08W34A01	9990026	2/16/94								9.7							
01N08W34A01	9990026	11/8/95								36.5							
01N08W34A01	9990026	12/20/95	49.3	9.9	11.2	1.7	173.7	22.2	6.8	7.2	0.3	194	350	142	164	7.9	
01N08W34A01	9990026	2/19/92	56.1	14.1	15.7	1.7	187.9	35.6	9.3	24.9	0.3	235	460			7.5	
01N08W34A02	9990028	3/21/89	61.5	5.2	17.3	1.8	203.2	17.4	4.6	22.8	0.6	259	425	167	175	7.6	
01N08W34A02	9990028	2/5/92	52.9	11.7	16.7	1.1	175.7	34.3	9.4	31.3	0.6	230	440	144	180	7.6	
01N08W34A02	9990028	2/2/94								19.9							
01N08W34A02	9990028	12/20/95	49.7	12.3	13.9	1.5	175.7	30.2	6.6	19.0	0.4	220	390	144	176	8.0	
01N08W34A02	9990028	2/5/92	52.9	11.7	16.7	1.1	175.7	34.3	9.4	31.3	0.6	230	440			7.6	
01N08W34H01	9990031	3/21/89	50.6	13.8	6.6	2.1	158.3	36.4	4.2	22.5	0.4	236	400	130	183	7.4	
01N08W34H01	9990031	2/19/92	53.7	13.6	5.9	1.5	173.2	24.5	8.4	25.4	0.3	204	410	142	190	7.7	
01N08W34H01	9990031	2/16/94								4.0							
01N08W34H01	9990031	12/20/95	43.3	9.5	7.4	1.3	161.0	17.1	3.6	3.2	0.2	165	300	132	148	7.9	
01N08W34H01	9990031	2/19/92	53.7	13.6	5.9	1.5	173.2	24.5	8.4	25.4	0.3	204	410			7.7	
01N08W34Q01		3/21/89	52.2	10.0	9.5	1.5	183.5	27.0	1.4	19.3	0.4	240	400	150	172	7.6	
01N08W34Q01		2/19/92	43.3	15.7	8.7	1.3	168.4	25.0	6.6	19.7	0.3	190	390	138	173	7.9	
01N08W34Q01		2/9/94								15.5							
01N08W34Q01		2/19/92	43.3	15.7	8.7	1.3	168.4	25.0	6.6	19.7	0.3	190	390			7.9	
01N08W34R01	9990033	3/21/89	48.2	8.7	28.4	1.6	179.0	33.5	4.2	39.8	0.6	273	440	147	156	7.5	
01N08W34R01	9990033	2/5/92	53.7	9.2	17.6	1.1	170.8	31.4	8.5	33.6	0.4	226	420	140	172	7.8	
01N08W34R01	9990033	2/2/94								32.1							
01N08W34R01	9990033	2/5/92	53.7	9.2	17.6	1.1	170.8	31.4	8.5	33.6	0.4	226	420			7.8	
01N08W35E01	9990034	3/21/89	52.2	9.0	12.2	2.3	179.6	38.4	0.7	8.6	0.4	245	395	147	168	7.4	
01N08W35E01	9990034	8/24/90	43.6	11.1	21.8	1.5	169.3	30.8	5.3	25.7	0.8	244	400	139	154	7.9	
01N08W35E01	9990034	2/19/92	50.5	9.2	8.2	1.6	170.8	23.4	6.0	11.2	1.6	181	360	140	164	7.9	
01N08W35E01	9990034	2/16/94								15.7							
01N08W35E01	9990034	12/20/95	47.9	9.5	23.6	1.4	165.4	39.2	6.4	20.3	0.6	230	390	136	154	8.0	
01N08W35E01	9990034	2/19/92	50.5	9.2	8.2	1.6	170.8	23.4	6.0	11.2	0.4	181	360			7.9	
01N08W35R01	3601571	8/7/84	56.1	11.7	8.4	1.8		21.0	12.0	22.0	0.5	425	158	204		7.8	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01N08W35R01	3601571	8/15/85	58.1	10.5	8.8	1.7	209.0	30.0	5.0	27.0	0.4	268	425	171	198	8.1
01N08W35R01	3601571	12/26/86								32.7	0.3					
01N08W35R01	3601571	7/8/88	53.7	7.6	11.1	1.9	188.0	18.7	2.4	8.5	0.3	218	370	154	15	7.5
01N08W35R01	3601571	4/28/89	51.4	12.4	29.4	1.5	213.3	27.6	5.7	43.1	0.3	289	490	175	180	7.9
01N08W35R01	3601571	1/15/91	55.3	18.9	19.1	1.7	180.6	41.3	10.1	64.1	0.1	329	530	148	216	7.9
01N08W35R01	3601571	8/24/92	50.6	20.6	15.2	1.5	194.7	38.1	6.7	43.2	0.1	256	510	160	211	7.9
01N08W35R01	3601571	2/2/93	50.9	16.9	8.5	1.6	190.3	28.5	8.0	24.9	0.4	218	420	156	197	8.1
01N08W36N01		5/24/93	46.5	12.2	24.9	1.4	183.0	31.8	11.1	22.9	0.3	241	420	150	166	8.0
01N08W36N01		1/10/94								25.0						
01N08W36N01		4/11/94	51.3	6.8	24.0	1.4	179.6	27.6	4.4	24.3	0.2	227	400	147	156	8.1
01N08W36N01		7/12/94								23.6						
01N08W36N01		4/26/95	59.3	7.6	23.5	1.5	209.8	24.3	6.6	31.4	0.1	248	440	172	178	8.0
01N08W36N01		7/17/95								34.4						
01N08W36N01		10/9/95								21.1						
01S05W03A01		6/19/84	38.0	6.2	10.6	1.5		17.0	6.0	2.0	0.4		315	120	125	7.9
01S05W03A01		5/11/87	44.0	6.5	9.9	2.5	158.4	13.8	2.9	6.8	0.4	192	310	130	134	8.1
01S05W03A01		5/2/88	42.3	5.4	12.6	2.2	161.1	12.4	4.1	8.4	0.3	181	350	132	128	7.5
01S05W03A01		1/3/89	44.2	7.5	12.4	2.1	157.1	22.6	3.6	9.0	0.3	211	345	129	141	7.7
01S05W03A01		2/6/89	43.6	6.4	16.4	1.9	166.1	16.2	14.2	2.6	-0.1	203	350	136	135	7.8
01S05W03A01		3/7/89	42.9	7.0	21.2	2.1	171.2	23.4	6.6	6.9	0.4	229	375	140	147	7.2
01S05W03A01		2/8/90	42.5	12.1	11.6	1.7	184.0	12.2	6.9	8.9	0.2	209	360	151	156	8.0
01S05W03A01		2/6/91	44.9	8.8	11.2	2.1	168.4	9.9	7.4	10.0	0.2	185	330	138	148	8.0
01S05W03A01		8/8/91	40.0	9.7	11.7	1.9	170.8	15.8	6.2	9.7	0.2	165	320	140	140	7.9
01S05W03A01		12/30/92	44.9	2.4	17.3	1.9	162.5	13.1	4.2	9.3	0.3	160	320	133	122	7.9
01S05W03A01		10/28/93	40.0	6.0	9.0	2.0	146.0	10.0	9.0	7.0	0.4	180	310	120	125	7.9
01S05W03A01		11/5/93	41.0	6.0	10.0	2.0	159.0	11.0	7.0	7.0	0.3	180	270	130	128	7.7
01S05W03A01		3/2/94								9.0	0.4					
01S05W03A01		6/8/94	40.0	6.0	10.0	2.0	140.0	11.0	9.0			175	300	115	125	7.6
01S05W03A01		4/5/95	41.0	5.0	10.0	2.0	146.0	5.0	8.0			180	300	120	124	7.8
01S05W03N01	3602269	6/19/84	38.4	5.3	13.8	1.1		15.0	6.0	1.0	0.4		315	124	122	8.0
01S05W03N01	3602269	5/11/87	56.7	6.6	12.2	2.2	169.4	19.1	5.8	26.9	0.4	248	400	139	163	8.1
01S05W03N01	3602269	5/2/88	43.7	4.9	15.3	1.5	158.8	12.4	3.8	6.5	-0.1	183	310	130	129	7.7
01S05W03N01	3602269	2/6/89	42.3	5.5	16.2	1.1	161.1	21.4	4.4	6.7	-0.1	207	340	132	128	7.8
01S05W03N01	3602269	3/7/89	68.9	2.6	13.3	1.3	234.0	14.2	6.5	6.8	0.2	279	450	192	183	7.2
01S05W03N01	3602269	2/8/90	45.5	17.4	13.1	1.6	187.9	21.6	10.6	39.6	0.1	268	440	154	185	7.6
01S05W03N01	3602269	2/6/91	46.5	6.8	13.4	1.3	171.8	11.9	7.2	7.5	-0.1	189	320	141	144	8.0
01S05W03N01	3602269	8/8/91	42.5	9.7	13.1	1.3	175.7	16.1	6.2	11.0	0.1	172	320	144	146	8.0
01S05W03N01	3602269	5/5/92								14.3	0.1					
01S05W03N01	3602269	8/4/92	45.2	10.0	16.1	1.2	185.4	15.9	4.2	13.8	0.3	183	350	152	154	8.1
01S05W04D01		7/31/84	56.6	6.5	13.8	2.3		18.8	32.0	15.0	0.4		400	129	168	8.3
01S05W04D01		6/16/87	62.9	8.0	12.3	0.7	203.5	17.2	5.7	20.0	0.6	266	440	167	190	8.1

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S05W05A03	3600577	7/31/84	55.0	5.9	11.0	1.9			5.5	17.0	15.0	0.3		375	152	152	7.9
01S05W05A03	3600577	11/5/86	59.4	7.8	6.3	1.1	188.9	12.8	4.5	15.7		246	400	155	180	7.4	
01S05W05A03	3600577	6/16/87	60.0	5.2	9.0	2.7	184.6	17.7	5.4	19.8	0.6	250	400	151	172	8.0	
01S05W05A03	3600577	5/18/89								24.7	0.2						
01S05W05A03	3600577	8/1/91	58.0	9.5	11.4	1.6	200.1	22.0	7.7	20.9	0.2	213	400	164	184	8.0	
01S05W05A03	3600577	6/25/92								17.2	0.2						
01S05W05A03	3600577	10/20/92	56.4	10.5	18.0	2.1	219.6	19.3	4.4	19.2	0.2	220	450	180	184	8.2	
01S05W05A03	3600577	10/29/93	55.7	10.1	15.8	1.5	201.1	21.3	5.2	19.3	0.3	228	410	165	181	8.0	
01S05W05A03	3600577	12/5/89								19.5		254					
01S05W05A03	3600577	6/30/94	63.4	7.7	12.0	2.1	202.5	22.7	7.6	21.6	0.2	237	420	166	188	8.0	
01S05W05A03	3600577	7/1/94								20.8							
01S05W05A03	3600577	7/5/94								21.1							
01S05W05A03	3600577	7/12/94								22.5							
01S05W05A03	3600577	7/19/94								24.5							
01S05W05A03	3600577	7/26/94								24.5							
01S05W05A03	3600577	8/9/94								22.4							
01S05W05A03	3600577	8/16/94								21.4							
01S05W05A03	3600577	8/23/94								21.7							
01S05W05A03	3600577	8/30/94								23.1							
01S05W05A03	3600577	9/6/94								24.6							
01S05W05A03	3600577	9/13/94								21.6							
01S05W05A03	3600577	9/27/94								22.4							
01S05W05A03	3600577	10/6/94								21.5							
01S05W05A03	3600577	10/11/94								23.3							
01S05W05A03	3600577	10/18/94								24.2							
01S05W05A03	3600577	11/1/94								23.2							
01S05W05A03	3600577	11/8/94								21.9							
01S05W05A03	3600577	11/15/94								19.4							
01S05W05A03	3600577	11/22/94								21.6							
01S05W05A03	3600577	11/29/94								21.6							
01S05W05A03	3600577	1/31/95								22.7							
01S05W05A03	3600577	2/28/95								22.5							
01S05W05A03	3600577	3/22/95								20.8							
01S05W05A03	3600577	4/11/95								25.0							
01S05W05A03	3600577	6/15/95	65.7	8.6	13.5	1.7	213.7	17.8	5.1	22.9	0.2	241	430	175	200	8.0	
01S05W05A03	3600577	8/15/95								28.5							
01S05W05A03	3600577	11/7/95								29.7							
01S05W06D02		5/17/91	48.9	4.8	21.6	1.4	202.5	10.9	8.4	10.0	0.1	189	360	166	142	7.9	
01S05W06D02		6/19/92								10.6	0.3						
01S05W06D02		6/30/94	44.1	6.4	26.1	1.6	200.1	12.7	9.2	12.6	0.1	211	370	164	138	8.2	
01S05W06D02		10/26/94								15.9							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S05W06D02		6/15/95	51.3	7.9	20.9	1.3	205.9	6.0	6.3	17.4	0.1	212	380	169	160	8.1
01S05W06D02		11/7/95								17.5						
01S05W06J01	3600587	7/31/84	40.4	4.8	18.5	1.5		4.1	17.5	6.0	0.3		350	140	111	7.9
01S05W06J01	3600587	11/6/86	53.2	2.8	13.3	0.8	176.3	8.8	7.1	11.6	0.1	215	350	145	136	8.0
01S05W06J01	3600587	6/16/87	48.7	5.0	13.6	0.3	168.4	12.9	7.6	14.1	0.5	223	360	138	142	8.2
01S05W06J01	3600587	6/27/89								25.1	-0.1					
01S05W06J01	3600587	8/1/91	51.3	8.7	18.3	1.3	182.5	17.7	10.7	25.2	0.1	208	390	150	164	8.2
01S05W06J01	3600587	6/18/92								23.9	0.2					
01S05W06J01	3600587	10/20/92	50.6	5.2	27.5	1.7	195.2	14.9	7.6	19.3	0.1	207	400	160	148	8.2
01S05W06J01	3600587	11/18/93	46.5	6.4	21.0	1.2	178.1	13.4	10.5	15.8	0.2	203	370	146	142	8.0
01S05W06J01	3600587	12/5/89								25.6						
01S05W06J01	3600587	6/7/90								25.4						
01S05W06J01	3600587	6/30/94	54.9	6.3	20.4	1.8	180.6	19.5	10.3	29.3	0.1	231	410	148	162	8.1
01S05W06J01	3600587	9/21/94								20.1						
01S05W06J01	3600587	12/14/94								18.7						
01S05W06J01	3600587	6/14/95	57.7	6.5	19.2	1.6	183.0	17.5	8.5	32.0	0.1	235	410	150	170	8.1
01S05W06J01	3600587	10/17/95								19.1						
01S05W06J01	3600587	1/16/96								21.6						
01S05W07N01	3600576	11/6/86	71.3	4.5	27.9	1.1	195.2	22.1	12.1	60.7	0.2	314	510	160	197	7.7
01S05W07N01	3600576	6/16/87	63.8	5.0	20.7	2.5	186.8	19.9	11.0	50.1	0.5	293	480	153	180	7.9
01S05W07N01	3600576	8/23/88								39.3	-0.1					
01S05W07N01	3600576	5/18/89								49.6	-0.1					
01S05W07N01	3600576	12/5/89								52.2		294				
01S05W07N01	3600576	6/7/90										299				
01S05W07R01	3600567	7/31/84	39.2	3.8	19.0	1.5		4.1	16.0	2.0	0.3		300	136	108	7.9
01S05W07R01	3600567	11/6/86	45.5	1.9	17.0	0.9	161.6	9.3	5.8	8.0	0.2	203	330	132	122	8.0
01S05W07R01	3600567	6/16/87	41.2	4.0	15.2	2.2	159.5	13.4	5.4	7.9	0.5	208	340	131		8.2
01S05W07R01	3600567	5/18/89								9.2	0.2					
01S05W07R01	3600567	8/14/91	46.5	7.5	18.3	1.7	173.2	15.1	9.9	18.9	0.1	189	370	142	147	7.9
01S05W07R01	3600567	6/18/92								11.9	0.2					
01S05W07R01	3600567	10/20/92	46.5	5.8	19.0	1.7	174.7	19.0	5.6	14.6	0.2	184	350	143	140	8.3
01S05W07R01	3600567	10/28/93	44.9	3.9	20.4	1.4	172.3	13.1	6.9	7.6	0.2	183	330	141	128	8.1
01S05W07R01	3600567	6/28/94								7.4						
01S05W07R01	3600567	6/30/94	41.6	5.4	19.2	1.6	168.4	16.5	7.4	8.0	0.1	183	320	138	124	8.2
01S05W07R01	3600567	7/26/94								8.3						
01S05W07R01	3600567	8/30/94								10.1						
01S05W07R01	3600567	9/27/94								9.4						
01S05W07R01	3600567	4/25/95								6.1						
01S05W07R01	3600567	6/14/95	38.8	5.4	18.3	1.5	165.9	10.5	4.5	6.9	0.1	167	310	136	123	8.2
01S05W07R01	3600567	10/17/95								6.3						
01S05W07R01	3600567	11/21/95								6.5						

**EXHIBIT C  
CHINO BASIN  
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State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S05W10H01	3602270	6/19/84	68.2	5.9	19.4	1.9			33.0	13.0	36.0	0.3		470	152	202	7.9
01S05W10H01	3602270	5/19/87	65.6	7.1	19.2	2.8	185.7	32.3	10.0	44.8	0.5	309	480	152	195	8.3	
01S05W10H01	3602270	5/2/88	59.6	5.7	20.5	1.9	177.9	24.4	9.1	29.8	0.2	253	420	146	172	7.7	
01S05W10H01	3602270	2/6/89	74.2	3.3	21.2	1.7	189.1	25.2	21.0	42.0	0.4	305	500	155	199	7.7	
01S05W10H01	3602270	3/7/89	49.5	0.9	36.2	1.8	147.6	29.3	13.2	41.3	0.3	248	420	121	132	7.3	
01S05W10H01	3602270	4/4/89								2.4	0.9						
01S05W10H01	3602270	1/9/91								19.4	0.2						
01S05W10H01	3602270	3/7/91	57.7	9.1	19.8	2.2	195.2	26.2	10.1	31.9	0.1	260	440	160	182	8.0	
01S05W10H01	3602270	4/4/91								38.8	0.1						
01S05W10H01	3602270	5/5/92								39.1	0.2						
01S05W10H01	3602270	8/4/92	65.7	7.8	22.7	1.8	207.4	29.9	9.7	35.4	0.3	258	470	170	196	8.0	
01S05W10H01	3602270	9/21/93								36.0							
01S05W10H01	3602270	10/4/93								39.0							
01S05W10H01	3602270	10/28/93	60.0	6.0	20.0	2.0	189.0	29.0	9.0	34.0	0.3	280	450	155	175	8.1	
01S05W10H01	3602270	11/1/93								32.0							
01S05W10H01	3602270	11/9/93								16.0							
01S05W10H01	3602270	11/29/93								17.0							
01S05W10H01	3602270	12/7/93								41.0							
01S05W10H01	3602270	12/13/93								17.0							
01S05W10H01	3602270	12/21/93								19.0							
01S05W10H01	3602270	12/27/93								22.0							
01S05W10H01	3602270	2/3/94								17.0							
01S05W10H01	3602270	2/14/94								37.0							
01S05W10H01	3602270	2/22/94								16.0							
01S05W10H01	3602270	3/1/94								19.0							
01S05W10H01	3602270	3/2/94								20.0	0.3						
01S05W10H01	3602270	3/8/94								16.0							
01S05W10H01	3602270	3/14/94								17.0							
01S05W10H01	3602270	3/28/94								24.0							
01S05W10H01	3602270	4/5/94								39.0							
01S05W10H01	3602270	4/13/94								8.0							
01S05W10H01	3602270	4/18/94								33.0							
01S05W10H01	3602270	4/25/94								17.0							
01S05W10H01	3602270	5/4/94								18.0							
01S05W10H01	3602270	5/11/94								17.0							
01S05W10H01	3602270	5/18/94								16.0							
01S05W10H01	3602270	5/25/94								20.0							
01S05W10H01	3602270	6/2/94								30.0							
01S05W10H01	3602270	6/7/94	59.0	6.0	19.0	2.0	189.0	28.0	9.0	32.0		255	440	155	173	7.9	
01S05W10H01	3602270	7/6/94								33.0							
01S05W10H01	3602270	8/3/94								39.0							

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State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
01S05W10H01	3602270	9/13/94														39.0
01S05W10H01	3602270	9/27/94														40.0
01S05W10H01	3602270	10/6/94														24.0
01S05W10H01	3602270	10/12/94														38.0
01S05W10H01	3602270	10/19/94														36.0
01S05W10H01	3602270	10/25/94														22.0
01S05W10H01	3602270	11/2/94														31.0
01S05W10H01	3602270	11/8/94														16.0
01S05W10H01	3602270	11/17/94														24.0
01S05W10H01	3602270	11/22/94														26.0
01S05W10H01	3602270	11/29/94														19.0
01S05W10H01	3602270	12/6/94														20.0
01S05W10H01	3602270	12/14/94														15.0
01S05W10H01	3602270	12/21/94														10.0
01S05W10H01	3602270	12/30/94														20.0
01S05W10H01	3602270	1/5/95														18.0
01S05W10H01	3602270	1/12/95														20.0
01S05W10H01	3602270	1/18/95														16.0
01S05W10H01	3602270	2/1/95														20.0
01S05W10H01	3602270	2/9/95														15.0
01S05W10H01	3602270	2/15/95														17.0
01S05W10H01	3602270	2/23/95														15.0
01S05W10H01	3602270	3/1/95														18.0
01S05W10H01	3602270	3/6/95														16.0
01S05W10H01	3602270	3/13/95														16.0
01S05W10H01	3602270	3/20/95														15.0
01S05W10H01	3602270	3/29/95														39.0
01S05W10H01	3602270	4/5/95	45.0	5.0	24.0	2.0	180.0	21.0	8.0			210	360	148	134	8.2
01S05W10H01	3602270	4/11/95														15.0
01S05W10H01	3602270	4/17/95														12.0
01S05W10H01	3602270	4/24/95														13.0
01S05W10H01	3602270	5/1/95														13.0
01S05W10H01	3602270	5/8/95														15.0
01S05W10H01	3602270	5/16/95														13.0
01S05W10H01	3602270	5/23/95														13.0
01S05W10H01	3602270	5/30/95														14.0
01S05W10H01	3602270	6/5/95														16.0
01S05W10H01	3602270	6/13/95														32.0
01S05W10H01	3602270	6/20/95														32.0
01S05W10H01	3602270	6/26/95														20.0
01S05W10H01	3602270	7/5/95														36.0



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State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S05W10H01	3602270	7/11/95									35.0					
01S05W10H01	3602270	7/17/95									35.0					
01S05W10H01	3602270	7/24/95									16.0					
01S05W10H01	3602270	7/31/95									33.0					
01S05W10H01	3602270	8/8/95									38.0					
01S05W10H01	3602270	8/14/95									16.0					
01S05W10H01	3602270	8/21/95									35.0					
01S05W10H01	3602270	8/28/95									17.0					
01S05W10H01	3602270	9/5/95									39.0					
01S05W10H01	3602270	9/11/95									4.0					
01S05W10H01	3602270	9/18/95									34.0					
01S05W10H01	3602270	9/25/95									28.0					
01S05W10H01	3602270	10/2/95									15.0					
01S05W10H01	3602270	10/9/95									31.0					
01S05W10H01	3602270	10/14/95									17.0					
01S05W10H01	3602270	10/23/95									28.0					
01S05W10H01	3602270	10/31/95									39.0					
01S05W10H01	3602270	11/7/95									33.0					
01S05W10H01	3602270	11/15/95									34.0					
01S05W10H01	3602270	11/20/95									28.0					
01S05W10H01	3602270	11/28/95									17.0					
01S05W10H01	3602270	12/5/95									17.0					
01S05W10H01	3602270	12/12/95									14.0					
01S05W10H01	3602270	12/18/95									15.0					
01S05W10H01	3602270	12/27/95									18.0					
01S05W10H01	3602270	1/3/96									15.0					
01S05W10H01	3602270	1/8/96									14.0					
01S05W10H01	3602270	1/17/96									14.0					
01S05W10H01	3602270	1/23/96									14.0					
01S05W10H01	3602270	1/29/96									14.0					
01S05W14B01	3603537	4/5/95	45.0	6.0	12.0	2.0	174.0	16.0	5.0			200	330	143	138	8.0
01S05W19D01	600570	2/24/97	138.0	40.5	35.9	3.3	397.0	62.5	85.0	161.6	0.1	737	1218	555	325	7.1
01S05W20D01	3600195	1/8/87	76.4	5.7	17.0	3.0	191.0	20.1	20.7	59.6	0.2	324	525	157	210	7.9
01S05W20D01	3600195	5/13/88	73.8	5.2	20.2	1.8	171.7	19.7	21.7	60.5	0.3	306	500	141	206	7.9
01S05W20D01	3600195	5/22/91	80.1	4.2	20.9	2.4	187.9	22.3	25.3	61.0	0.2	293	530	154	217	7.8
01S05W21B01	3600196	2/1/84	77.5	7.0	22.4	2.6		27.0	20.0	73.0	0.3		570	160	217	7.6
01S05W21B01	3600196	1/8/87	85.8	6.5	19.7	3.3	204.1	39.5	15.5	67.1	0.3	354	575	167	242	8.0
01S05W21B01	3600196	1/22/88								67.1	0.3					
01S05W21D	3600194	2/26/90								60.0		290				
01S05W21D		3/19/92	57.5	24.6	16.8	2.3	195.7	41.4	16.3	66.0	0.2	305	555			7.8
01S05W21D02	3602404	1/6/84	69.0	6.5	17.1	2.3		32.0	22.0	50.0	0.3		500	136	194	7.9

**EXHIBIT C  
CHINO BASIN  
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State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S05W21D02	3602404	12/31/86	85.7	6.5	14.9	3.0	198.3	41.1	14.8	60.2	0.2	338	550	163	245	8.3
01S05W21D02	3602404	1/22/88								68.0	0.2					
01S05W21D02	3602404	2/26/90	65.4	10.8	15.3	2.1	163.5	41.3	16.3	60.1	0.2	290	500	134	208	7.6
01S05W21D02	3602404	3/19/92	57.5	24.6	16.8	2.3	195.7	41.4	16.3	66.0	0.2	305	555	160	245	7.8
01S05W21D02	3602404	10/6/94								22.6						
01S05W29A01	3601005	1/8/88	90.7	6.7	23.0	2.0	181.3	50.5	21.4	80.7	0.2	379	600	149	254	8.0
01S06W06D01		12/5/89								8.6		246				
01S06W06D01		6/7/90								9.3		222				
01S06W07R01	3600567	12/5/89								18.6		214				
01S06W11B01	3600583	7/31/84	51.9	5.2	17.7	1.6		2.0	20.5	13.0	0.3		400	160	160	7.8
01S06W11B01	3600583	11/5/86	47.1	13.0	11.7	1.0	195.2	4.1	11.7	17.9	0.2	252	400	160	171	7.7
01S06W11B01	3600583	6/16/87	54.0	5.2	12.7	2.6	189.9	6.6	7.3	16.9	0.5	241	390	156	156	8.0
01S06W11B01	3600583	5/18/89								18.0	-0.1					
01S06W11B01	3600583	8/1/91	56.9	4.4	16.4	1.2	197.6	12.8	9.8	19.1	0.2	202	380	162	160	7.9
01S06W11B01	3600583	6/19/92								19.8	0.3					
01S06W11B01	3600583	10/20/92	48.9	10.7	21.6	1.7	217.2	12.3	6.1	16.6	0.1	207	400	178	166	8.2
01S06W11B01	3600583	10/29/93	60.1	4.1	13.0	1.2	193.7	8.0	6.4	17.2	0.1	205	385	159	167	7.9
01S06W11B01	3600583	12/5/89								24.7		258				
01S06W11B01	3600583	6/7/90								17.5		226				
01S06W11B01	3600583	6/30/94	59.6	6.7	16.7	1.5	195.2	16.4	11.2	29.7	0.2	238	410	160	176	8.2
01S06W11B01	3600583	9/21/94								23.5						
01S06W11B01	3600583	12/14/94								31.1						
01S06W11B01	3600583	6/27/95	61.7	5.4	17.8	1.4	198.1	11.5	7.9	37.8	0.1	236	420	162	182	7.9
01S06W11N01	3600573	4/26/88								26.5	-0.1					
01S06W11N01	3600573	5/18/89								16.5	-0.1					
01S06W11N01	3600573	8/24/90								28.9	-0.1					
01S06W11N01	3600573	8/1/91	59.3	7.3	17.1	1.3	203.5	14.3	14.0	25.6	0.1	222	420	167	178	8.1
01S06W11N01	3600573	6/19/92								25.4	0.2					
01S06W11N01	3600573	10/20/92	55.7	9.1	23.1	1.7	212.3	12.6	11.0	24.5	0.1	225	420	174	177	8.1
01S06W11N01	3600573	12/5/89								28.4		260				
01S06W11N01	3600573	3/22/94	59.3	9.7	19.5	1.6	203.0	14.5	15.0	29.5	0.2	249	440	166	188	7.9
01S06W11N01	3600573	7/1/94	59.3	7.8	17.7	1.8	203.5	16.6	15.7	29.5	0.1	249	450	167	188	8.1
01S06W11N01	3600573	8/1/90								29.0		270				
01S06W11N01	3600573	9/21/94								30.1						
01S06W11N01	3600573	3/22/95								33.7						
01S06W11N01	3600573	4/4/95								34.5						
01S06W11N01	3600573	6/14/95	57.5	7.4	18.0	1.6	200.1	9.1	10.2	22.2	0.1	225	410	164	172	8.3
01S06W11N01	3600573	10/17/95								32.7						
01S06W11N01	3600573	1/16/96								37.4						
01S06W12P01	3600572	7/31/84	56.4	6.5	20.7	1.7		5.5	23.5	24.0	0.3		420	152	164	7.8
01S06W12P01	3600572	11/6/86	64.2	1.2	21.4	0.9	182.6	10.4	10.1	38.7	0.1	265	430	150	165	7.8

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S06W12P01	3600572	6/16/87	53.2	4.9	19.8	0.8	178.4	15.5	7.9	33.3	0.5	259	410	146	153	8.1
01S06W12P01	3600572	5/18/89								33.1	-0.1					
01S06W12P01	3600572	8/14/91	51.6	10.7	20.8	1.8	192.8	16.3	12.3	38.3	0.4	231	430	158	173	7.9
01S06W12P01	3600572	6/18/92								29.9	0.2					
01S06W12P01	3600572	11/10/92	52.5	11.9	23.7	1.9	199.6	18.1	9.6	41.2	0.1	241	450	164	180	8.2
01S06W12P01	3600572	11/17/92								45.9	0.2					
01S06W12P01	3600572	10/28/93	64.1	1.9	24.3	1.6	192.8	16.1	10.7	36.7	0.1	250	450	158	168	7.9
01S06W12P01	3600572	12/5/89								32.5		255				
01S06W12P01	3600572	2/23/94								46.0						
01S06W12P01	3600572	3/18/94								42.4						
01S06W12P01	3600572	3/29/94								44.7						
01S06W12P01	3600572	4/7/94								42.3						
01S06W12P01	3600572	5/24/94								48.0						
01S06W12P01	3600572	6/7/94								35.8						
01S06W12P01	3600572	6/30/94	54.5	8.0	22.0	1.8	189.3	17.9	10.5	32.3	-0.1	240	420	155	168	8.0
01S06W12P01	3600572	7/26/94								38.1						
01S06W12P01	3600572	8/16/94								48.8						
01S06W12P01	3600572	9/27/94								45.3						
01S06W12P01	3600572	11/16/94								47.0						
01S06W12P01	3600572	12/6/94								48.2						
01S06W12P01	3600572	3/22/95								51.9						
01S06W12P01	3600572	6/14/95	61.8	7.0	17.6	1.4	189.3	17.7	10.3	46.2	0.1	263	460	155	186	8.0
01S06W12P01	3600572	10/17/95								49.0						
01S06W12P01	3600572	11/21/95								40.0						
01S06W16A01		8/1/90								20.0		240				
01S06W17G01	3602116	8/1/90								11.7		240				
01S06W20C01		8/1/90								28.0		290				
01S06W23C01	3600575	7/31/84	54.8	6.5	22.0	1.7		11.2	22.0	24.0	0.3		420	152	160	7.8
01S06W23D01	3600575	11/5/86	66.2	4.2	18.9	1.0	197.2	12.3	15.4	44.3	0.8	289	470	162	181	7.3
01S06W23D01	3600575	6/16/87	57.3	4.9	14.7	2.8	183.6	14.1	10.4	31.5	0.5	257	410	151	163	7.8
01S06W23D01	3600575	8/23/88								24.5	-0.1					
01S06W23C01	3600575	5/18/89								26.9	-0.1					
01S06W23D01	3600575	9/17/91	62.5	10.9	22.8	1.8	197.6	18.7	15.9	60.9	0.1	275	510	162	201	7.8
01S06W23D01	3600575	6/19/92								47.2	0.2					
01S06W23D01	3600575	12/5/89								31.7		271				
01S06W23D01	3600575	6/8/90										240				
01S06W23D02		6/19/90	31.4	6.0	30.9	1.6	168.8	10.8	9.1	6.3	0.3	197	340	138	103	8.2
01S06W23D02		8/1/91	43.3	7.8	23.7	1.3	183.5	14.1	12.1	19.7	0.1	197	370	150	140	8.0
01S06W23D02		6/19/92								20.3	0.2					
01S06W23D02		10/20/92	40.0	11.7	30.5	1.6	200.1	13.7	10.0	22.6	0.1	212	410	164	148	8.1
01S06W23D02		10/28/93	48.1	5.8	26.7	1.5	184.0	12.6	11.0	21.6	0.2	218	395	151	149	8.0

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S06W23D02		12/5/89									3.6		217				
01S06W23D02		1/25/94									25.4						
01S06W23D02		2/22/94									31.8						
01S06W23D02		5/24/94									22.9						
01S06W23D02		6/14/94									20.8						
01S06W23D02		6/19/90									6.3		194				
01S06W23D02		6/21/94									26.1						
01S06W23D02		6/28/94									22.2						
01S06W23D02		6/30/94	44.9	9.2	23.9	1.7	186.4	16.9	12.5		23.1	0.2	224	390	153	151	8.1
01S06W23D02		7/12/94									23.5						
01S06W23D02		7/19/94									25.6						
01S06W23D02		7/26/94									25.8						
01S06W23D02		8/2/94									25.9						
01S06W23D02		8/16/94									25.3						
01S06W23D02		8/30/94									25.4						
01S06W23D02		9/6/94									27.6						
01S06W23D02		9/13/94									26.8						
01S06W23D02		9/20/94									27.4						
01S06W23D02		9/27/94									24.0						
01S06W23D02		10/11/94									26.4						
01S06W23D02		10/25/94									26.9						
01S06W23D02		11/1/94									26.3						
01S06W23D02		11/8/94									20.7						
01S06W23D02		11/22/94									24.7						
01S06W23D02		11/29/94									38.1						
01S06W23D02		12/13/94									21.3						
01S06W23D02		12/28/94									38.0						
01S06W23D02		2/15/95									22.8						
01S06W23D02		3/7/95									26.9						
01S06W23D02		3/14/95									26.7						
01S06W23D02		3/28/95									31.4						
01S06W23D02		4/4/95									26.3						
01S06W23D02		4/11/95									27.1						
01S06W23D02		4/25/95									25.6						
01S06W23D02		5/2/95									25.1						
01S06W23D02		5/9/95									29.3						
01S06W23D02		5/16/95									23.6						
01S06W23D02		5/23/95									28.1						
01S06W23D02		5/30/95									26.8						
01S06W23D02		6/13/95									30.2						
01S06W23D02		6/14/95	47.3	8.6	23.1	1.5	185.4	11.1	10.4		28.1	0.1	221	400	152	154	8.1

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S06W23D02		6/20/95									28.4					
01S06W23D02		6/27/95									29.5					
01S06W23D02		7/5/95									26.8					
01S06W23D02		7/11/95									31.7					
01S06W23D02		7/18/95									28.5					
01S06W23D02		7/25/95									30.3					
01S06W23D02		8/1/95									27.7					
01S06W23D02		8/8/95									29.5					
01S06W23D02		8/15/95									28.9					
01S06W23D02		8/28/95									23.7					
01S06W23D02		9/5/95									23.9					
01S06W23D02		9/12/95									25.9					
01S06W23D02		9/19/95									26.1					
01S06W23D02		9/26/95									25.4					
01S06W23D02		10/3/95									28.6					
01S06W23D02		10/10/95									26.9					
01S06W23D02		10/17/95									29.8					
01S06W23D02		10/31/95									31.7					
01S06W23D02		11/21/95									38.5					
01S06W26C01	3600574	2/10/87	52.7	2.4	14.6	2.4	172.1	12.3	8.9	13.9	0.2	215	350	141	144	8.3
01S06W26C01	3600574	12/5/89	59.1	7.0	18.9	1.7	210.3	14.0	13.3	23.9	0.2	275	450	172	176	7.2
01S06W26C01	3600574	6/8/90	57.8	2.8	19.3	2.1	185.4	12.2	14.2	23.2	0.1	246	410	152	156	7.8
01S06W26C01	3600574	6/19/92								18.5	0.2					
01S06W26C01	3600574	10/20/92	46.1	4.6	23.0	1.9	185.4	13.4	6.5	10.1	0.1	182	340	152	134	8.2
01S06W26C01	3600574	10/28/93	50.1	5.7	13.0	1.7	173.2	12.2	8.9	9.7	0.2	187	345	142	149	8.1
01S06W26C01	3600574	6/8/90								23.2		246				
01S06W26C01	3600574	7/1/94	39.2	5.0	18.8	1.9	152.7	15.7	9.9	11.8	0.1	178	340	125	136	8.1
01S06W26C01	3600574	10/26/94								12.5						
01S06W26C01	3600574	11/7/95								12.1						
01S06W29D02	600454	5/16/84	64.0	12.0	24.0	2.0		54.0	34.0	17.0	0.2		510	140	210	7.5
01S06W29D02	600454	4/21/87	76.0	14.0	27.0	1.0	177.0	64.0	54.0	20.0	0.2	395	610	145	249	8.0
01S06W29D02	600454	4/28/89	84.0	16.0	27.0	2.0	168.0	67.0	68.0	18.0	0.3	420	620	138	277	7.5
01S06W29D02	600454	8/12/92	116.0	21.0	28.0	3.0	146.0	130.0	110.0	19.0	0.2	590	800	120	378	7.6
01S06W29D02	600454	10/23/90								18.0		440				
01S06W29D02	600454	8/6/91	89.0	16.0	27.0	2.0		88.0	79.0	16.0	0.2	445	710			7.7
01S06W29D02	600454	9/28/95	108.9	19.7	28.3	2.4	158.6	128.4	97.6	17.3	0.3	481	830	130	352	7.7
01S06W29H01	600455	11/1/90								17.0		265				
01S06W29H01	600455	8/6/91	60.0	8.0	22.0	2.0		27.0	17.0	20.0	0.2	235	440			7.8
01S06W29H02		7/9/84	54.0	7.0	19.0	2.0		16.0	18.0	13.0	0.2		400	148	165	7.5
01S06W29H02		4/23/87	61.0	7.0	20.0	2.0	198.0	21.0	17.0	16.0	0.2	280	440	163	182	7.1
01S06W29H02		5/4/88	64.0	7.0	20.0	2.0	201.0	25.0	15.0	17.0	0.2	270	420	165	189	7.7

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S06W29H02		5/10/89	61.0	8.0	21.0	2.0	214.0	20.0	18.0	17.0	0.3	215	430	175	186	7.7
01S06W29H02		8/12/92	64.0	7.0	22.0	2.0	192.0	30.0	19.0	24.0	0.2	270	440	163	189	8.3
01S06W29H02		1/11/94	58.0	7.0	22.0	2.0	192.0	25.0	20.0	22.0	0.2	265	430	158	174	8.0
01S06W29H02		5/23/94								22.0						
01S06W29H02		2/7/95	57.0	7.0	21.0	2.0	186.0	24.0	21.0	22.0	0.2	295	480	153	172	8.1
01S06W29H02		5/4/95								22.0						
01S06W29H02		8/15/95								20.3						
01S06W29H02		11/7/95								25.3						
01S06W31D01	3601952	4/9/87	56.0	9.0	14.0	2.0	180.0	17.0	21.0	10.0	-0.1	245	430	148	178	7.7
01S06W31D01	3601952	5/5/88	54.0	8.0	15.0	2.0	174.0	19.0	20.0	11.0	0.2	250	390	143	169	7.5
01S06W31D01	3601952	5/4/89	53.0	9.0	15.0	2.0	159.0	22.0	30.0	12.0	0.2	255	400	130	170	7.8
01S06W31D01	3601952	1/11/94	38.0	7.0	16.0	1.0	149.0	13.0	15.0	11.0	0.2	200	320	123	124	8.0
01S06W31D01	3601952	2/9/95	31.0	7.0	17.0	2.0	134.0	12.0	6.0	6.0	0.2	185	300	110	107	7.9
01S06W33C01		3/23/90								31.4		310				
01S06W33C01		8/1/90								31.4		320				
01S07W04B01	3601179	8/5/84	59.7	6.9	13.2	1.9		33.0	20.0	41.0	0.4		430	127	173	8.3
01S07W04B01	3601179	8/13/87	52.5	7.7	16.9	2.0	143.7	29.8	13.5	39.8	0.6	273	400	118	163	8.0
01S07W04B01	3601179	8/15/88	46.6	8.7	22.6	2.3	143.7	31.8	9.3	32.6	0.2	241	410	118	152	7.6
01S07W04B01	3601179	8/15/89	47.7	21.1	22.5	1.9	222.0	33.4	7.9	29.2	0.2	307	520	182	206	7.9
01S07W04B01	3601179	8/6/91	44.1	8.7	22.7	2.0	148.8	33.7	8.8	27.5	0.2	209	390	122	146	7.9
01S07W04B01	3601179	8/5/92	44.1	8.7	23.3	1.9	163.5	29.7	7.6	28.1	0.3	211	380	134	146	7.9
01S07W04B01	3601179	1/5/94								34.2						
01S07W04B01	3601179	2/1/94								38.2						
01S07W04B01	3601179	2/15/94								27.4						
01S07W04B01	3601179	5/2/94								33.9						
01S07W04B01	3601179	5/11/94								29.3						
01S07W04B01	3601179	6/2/94								32.8						
01S07W04B01	3601179	7/6/94								48.6						
01S07W04B01	3601179	7/13/94								46.6						
01S07W04B01	3601179	8/2/94								45.9						
01S07W04B01	3601179	8/13/90	41.6	12.4	34.5	1.9	179.6		9.0	28.0	0.2	276	460			8.0
01S07W04B01	3601179	9/8/94								53.4						
01S07W04B01	3601179	10/6/94								55.2						
01S07W04B01	3601179	11/3/94								48.8						
01S07W04B01	3601179	11/16/94								56.5						
01S07W04B01	3601179	2/28/95								57.8						
01S07W04B01	3601179	5/11/95								52.2						
01S07W04B01	3601179	6/8/95								51.2						
01S07W04B01	3601179	8/9/95	56.1	11.0	15.7	1.9	156.2	29.9	10.5	43.1	0.3	250	430	128	188	8.2
01S07W04B01	3601179	1/3/96								42.1						
01S07W04B02	3601180	8/5/84	59.8	7.6	19.5	2.0		38.0	170.0	84.0	0.6		460	102	183	8.1

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S07W04B02	3601180	8/6/85	60.2	7.2	20.8	1.5	142.0	35.0	11.0	61.0	0.3	286	450	116	173	7.8
01S07W04B02	3601180	7/29/86	52.7	7.6	20.8	2.1	170.0	33.8	5.5	44.1	0.3	336	440	139	166	8.0
01S07W04B02	3601180	8/13/87	47.7	6.5	27.4	2.0	143.7	34.7	16.1	36.0	0.6	290	440	118	146	8.0
01S07W04B02	3601180	8/15/88	43.6	6.9	29.6	1.9	144.8	34.0	10.6	29.0	0.2	233	400	119	138	7.5
01S07W04B02	3601180	8/15/89	41.6	12.4	34.5	1.9	179.6	40.0	9.0	28.0	0.2	276	460	147	155	8.0
01S07W04B02	3601180	8/15/89								29.2		307				
01S07W04B02	3601180	1/5/94								39.2						
01S07W04B02	3601180	2/1/94								35.4						
01S07W04B02	3601180	2/15/94								26.4						
01S07W04B02	3601180	5/2/94								35.1						
01S07W04B02	3601180	5/11/94								32.9						
01S07W04B02	3601180	6/2/94								42.6						
01S07W04B02	3601180	7/6/94								50.0						
01S07W04B02	3601180	7/13/94								44.5						
01S07W04B02	3601180	8/2/94	51.3	11.1	19.7	1.8	146.4	38.9	11.9	63.6	0.4	271	480	120	196	7.9
01S07W04B02	3601180	8/13/90	42.0	9.0	22.4	2.0	163.5	24.6	6.8	24.4	0.2	228	380			7.9
01S07W04B02	3601180	9/8/94								75.9						
01S07W04B02	3601180	10/6/94								77.4						
01S07W04B02	3601180	11/3/94								63.3						
01S07W04B02	3601180	11/10/94								76.0						
01S07W04B02	3601180	11/16/94								76.5						
01S07W04B02	3601180	2/28/95								85.6						
01S07W04B02	3601180	5/11/95								84.0						
01S07W04B02	3601180	6/8/95								81.0						
01S07W04B02	3601180	8/9/95	60.9	11.4	22.7	2.1	168.8	37.2	11.8	60.0	0.3	289	470	138	196	7.9
01S07W04B02	3601180	1/3/96								52.2						
01S07W04B03	3601182	8/5/84	41.8	7.2	17.6	1.8		25.0	10.0	22.0	0.5		360	120	130	8.0
01S07W04B03	3601182	8/13/87	38.8	8.7	17.1	1.9	128.5	21.2	11.5	33.0	0.6	217	320	105	132	7.8
01S07W04B03	3601182	8/15/88	38.9	6.3	22.8	2.1	135.8	25.3	9.0	18.7	0.3	192	340	111	123	7.6
01S07W04B03	3601182	8/6/91	35.2	11.7	19.7	1.9	133.2	22.4	7.6	34.8	0.2	188	350	109	136	7.7
01S07W04B03	3601182	8/5/92	36.5	8.9	23.4	1.8	144.4	20.3	6.8	35.9	0.3	193	350	118	128	7.8
01S07W04B03	3601182	12/28/93								25.2						
01S07W04B03	3601182	1/5/94								25.0						
01S07W04B03	3601182	1/13/94								24.4						
01S07W04B03	3601182	1/18/94								23.3						
01S07W04B03	3601182	1/26/94								2.2						
01S07W04B03	3601182	2/1/94								24.9						
01S07W04B03	3601182	2/9/94								21.9						
01S07W04B03	3601182	2/15/94								20.1						
01S07W04B03	3601182	2/17/94								21.4						
01S07W04B03	3601182	5/2/94								23.4						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk (mg/l)	T. Hard (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W04B03	3601182	5/11/94									23.1						
01S07W04B03	3601182	6/2/94									24.6						
01S07W04B03	3601182	7/6/94									29.5						
01S07W04B03	3601182	7/11/94									28.7						
01S07W04B03	3601182	7/13/94									32.5						
01S07W04B03	3601182	8/2/94	41.6	9.1	20.3	1.6	144.0	23.8	7.7		31.0	0.3	206	360	118	136	8.0
01S07W04B03	3601182	8/30/90	34.0	11.0	12.9	0.2	151.3	15.7	5.4		29.7	0.2	191	330			7.7
01S07W04B03	3601182	9/8/94									30.0						
01S07W04B03	3601182	9/28/94									33.0						
01S07W04B03	3601182	10/6/94									33.7						
01S07W04B03	3601182	10/13/94									34.5						
01S07W04B03	3601182	10/20/94									32.9						
01S07W04B03	3601182	10/27/94									32.0						
01S07W04B03	3601182	11/3/94									28.7						
01S07W04B03	3601182	11/10/94									31.4						
01S07W04B03	3601182	11/16/94									31.2						
01S07W04B03	3601182	11/30/94									36.3						
01S07W04B03	3601182	2/28/95									34.8						
01S07W04B03	3601182	5/11/95									35.4						
01S07W04B03	3601182	8/7/95	42.5	9.3	22.3	1.9	146.4	26.3	7.7		33.3	0.3	216	370	120	148	7.9
01S07W04B03	3601182	8/9/95									31.3						
01S07W04B03	3601182	12/14/95									30.8						
01S07W04B03	3601182	1/3/96									33.6						
01S07W04B03	3601182	1/11/96									31.8						
01S07W04B2		8/13/90									24.4		228				
01S07W04B3		8/13/90									29.7		191				
01S07W04E03		8/7/84	47.0	8.0	13.6	1.5		22.0	10.0		19.0	0.5		350	124	157	8.1
01S07W04E03		8/15/85	46.0	7.2	14.8	1.5	166.0	25.0	5.0		15.0	0.5	225	350	136	152	8.1
01S07W04E03		12/26/86									16.0	0.4					
01S07W04E03		7/8/88	46.9	7.6	18.5	1.9	171.2	22.9	3.9		18.1	0.2	220	380	140	148	7.8
01S07W04E03		2/25/92	40.8	10.2	21.1	1.5	161.0	24.4	7.8		19.8	0.2	192	380	132	144	8.0
01S07W04E03		8/31/92	40.2	12.5	15.0	1.1	158.6	27.3	6.7		21.7	0.2	190	360	130	152	8.2
01S07W04E03		2/2/93	45.7	9.7	18.7	1.5	162.5	29.7	7.5		20.6	0.4	200	380	133	154	8.1
01S07W04E03		4/28/94	48.1	10.7	13.0	1.7	175.7	22.7	6.0		15.3	0.3	204	370	144	164	7.9
01S07W06B		8/15/89									3.3		252				
01S07W06B		8/30/90	29.6	16.0	9.3	2.3	178.6	11.8	3.2		1.8	0.3	183	310			7.8
01S07W08N01	3600358	8/7/84	50.5	8.0	13.2	1.3		13.0	11.0		26.0	0.5		375	139	164	7.9
01S07W08N01	3600358	8/15/85	56.0	7.2	10.8	1.1	182.0	14.0	12.0		21.0	0.7	240	390	151	176	7.7
01S07W08N01	3600358	5/1/87									22.0	0.3					
01S07W08N01	3600358	11/25/87									20.5	0.3					
01S07W08N01	3600358	7/8/88	55.1	7.6	12.1	1.6	187.4	11.0	5.9		18.1	0.2	214	380	155	169	7.6



**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S07W08N01	3600358	1/9/91	55.1	9.6	11.9	1.4	202.5	14.0	9.7	21.9	0.3	240	400	166	177	7.7
01S07W08N01	3600358	10/26/92	54.5	10.2	17.3	1.3	202.5	16.5	8.2	21.4	0.3	213	390	166	178	7.6
01S07W08N01	3600358	2/2/93	51.1	12.2	12.9	1.4	190.3	16.9	10.5	23.4	0.4	207	400	156	178	7.9
01S07W08N01	3600358	1/18/94								22.6						
01S07W08N01	3600358	4/11/94	57.5	7.9	14.4	1.4	196.2	16.1	8.5	22.0	0.3	225	410	161	176	7.8
01S07W08N01	3600358	10/31/94								25.0						
01S07W08N01	3600358	2/27/95	60.2	9.1	14.7	1.5	202.5	13.5	8.7	28.9	0.2	236	420	166	191	7.7
01S07W08N01	3600358	5/20/95								25.3						
01S07W08N01	3600358	7/17/95								29.3						
01S07W08N01	3600358	10/23/95								23.9						
01S07W08N01	3600358	4/17/92								21.0						
01S07W13R02	3602267	7/18/84	45.0	6.0	12.0	1.0		5.0	7.0	9.0	0.3		290	140	137	7.2
01S07W13R02	3602267	4/23/87	42.0	4.0	12.0	2.0	159.0	3.0	5.0	7.0	-0.1	200	280	130	122	7.3
01S07W13R02	3602267	5/11/88	42.0	5.0	11.0	2.0	168.0	4.0	4.0	6.0	0.2	195	300	138	126	8.2
01S07W13R02	3602267	5/10/89	42.0	6.0	12.0	2.0	156.0	4.0	6.0	8.0	0.3	225	300	128	130	7.8
01S07W13R02	3602267	8/12/92	41.0	6.0	13.0	2.0	146.0	4.0	7.0	8.0	0.3	180	280	130	128	8.3
01S07W13R02	3602267	3/17/94	40.0	6.0	13.0	2.0	153.0	5.0	6.0	7.0	0.2	175	280	125	125	8.0
01S07W13R02	3602267	2/8/95	44.0	7.0	12.0	2.0	168.0	6.0	8.0	8.0	0.2	215	340	138	139	8.1
01S07W13R02	3602267	8/15/91	42.0	6.0	12.0	2.0		4.0	6.0	8.0	0.2	225	300			7.8
01S07W14D01	3600475	8/13/87	50.3	1.5	21.8	2.0	176.3	15.8	10.5	7.0	0.5	252	370	145	132	8.0
01S07W14D01	3600475	8/15/88	34.4	6.0	25.2	1.8	163.3	17.0	4.6	2.2	0.2	194	330	134	111	7.5
01S07W14D01	3600475	8/15/89	37.3	10.8	27.2	1.7	201.1	16.5	5.0	5.9	0.2	240	400	165	138	7.9
01S07W14D01	3600475	8/6/91	38.0	7.1	25.4	1.8	175.7	17.4	6.4	8.3	0.1	177	340	144	124	7.7
01S07W14D01	3600475	8/5/92	39.2	7.3	24.5	1.8	178.1	16.1	4.9	13.3	0.2	180	340	146	128	7.9
01S07W14D01	3601938	8/15/89								5.9		240				
01S07W14D01	3600475	2/15/94								11.7						
01S07W14D01	3600475	5/11/94								14.9						
01S07W14D01	3600475	8/2/94	37.6	6.7	24.9	1.5	174.7	15.5	7.0	8.2	0.1	187	330	143	124	8.0
01S07W14D01	3600475	8/30/90	36.8	5.8	25.4	1.8	179.6			5.1	0.2	198	330			7.8
01S07W14D01	3600475	11/16/94								8.1						
01S07W14D01	3600475	2/28/95								14.7						
01S07W14D01	3600475	5/11/95								9.9						
01S07W14D01	3600475	8/9/95	36.5	7.1	24.1	1.6	174.7	13.1	3.6	8.4	0.2	181	330	143	140	8.3
01S07W14D02	600479	8/15/89								11.6		248				
01S07W14D02	600479	8/13/90	46.5	8.7	24.1	2.1	192.8	12.0	7.6	24.2	-0.1	236	400			7.7
01S07W14E01	3601174	8/5/84	29.1	3.1	35.0	1.6		10.0	11.0	6.0	0.3		320	125	85	8.3
01S07W14E01	3601174	8/5/85	23.4	4.7	20.5	1.3	151.0	16.0	7.0	9.0	0.3	194	325	124	86	8.0
01S07W14E01	3601174	7/29/86	34.9	4.2	26.6	1.7	171.5	15.6	2.2	13.4	0.2	271	340	141	102	8.0
01S07W14E01	3601174	8/13/87	34.3	1.9	30.2	1.6	150.6	14.2	10.5	10.0	0.8	216	340	123	94	8.0
01S07W14E01	3601174	8/15/88	34.1	4.0	24.8	1.4	144.8	15.5	6.8	9.5	0.2	181	320	119	102	7.5
01S07W14E01	3601174	8/15/89	31.7	12.9	33.2	1.6	201.1	14.4	6.8	14.1	0.2	248	420	165	132	7.9

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W14E01	3601174	8/6/91	39.2	9.7	22.2	1.7	170.8	16.4	8.8	22.3	0.1	191	360	140	138	7.8	
01S07W14E01	3601174	8/5/92	43.3	8.3	25.4	1.6	178.6	14.6	8.1	24.7	0.3	199	380	146	142	7.9	
01S07W14E01	3601174	8/15/89								14.1		248					
01S07W14E01	3601174	2/15/94								46.5							
01S07W14E01	3601174	4/21/94								51.6							
01S07W14E01	3601174	5/11/94								54.6							
01S07W14E01	3601174	5/19/94								53.5							
01S07W14E01	3601174	7/21/94								22.5							
01S07W14E01	3601174	7/28/94								22.5							
01S07W14E01	3601174	8/2/94	54.5	13.1	20.8	1.8	195.2	22.2	14.0	51.9	0.3	275	520	160	210	7.9	
01S07W14E01	3601174	8/13/90	35.2	6.1	29.7	1.7	171.8			16.6	0.2	203	350			7.9	
01S07W14E01	3601174	8/18/94								18.5							
01S07W14E01	3601174	9/15/94								20.0							
01S07W14E01	3601174	10/20/94								57.8							
01S07W14E01	3601174	11/16/94								37.9							
01S07W14E01	3601174	12/15/94								67.2							
01S07W14E01	3601174	1/25/95								64.6							
01S07W14E01	3601174	2/28/95								62.8							
01S07W14E01	3601174	3/6/95								69.9							
01S07W14E01	3601174	4/20/95								63.2							
01S07W14E01	3601174	5/11/95								57.2							
01S07W14E01	3601174	5/18/95								3.0							
01S07W14E01	3601174	6/15/95								59.1							
01S07W14E01	3601174	7/20/95								36.3							
01S07W14E01	3601174	8/9/95	46.5	8.0	23.5	1.6	185.4	12.7	6.5	20.1	0.2	212	360	152	167	8.1	
01S07W14E01	3601174	8/17/95								24.2							
01S07W14E01	3601174	9/21/95								19.0							
01S07W14E01	3601174	10/19/95								43.2							
01S07W14E01	3601174	11/16/95								34.6							
01S07W14E01	3601174	12/21/95								49.6							
01S07W14E01	3601174	1/17/96								44.7							
01S07W14G01	3602000	8/5/84	30.1	4.3	25.4	1.8		12.0	8.0	-1.0	0.4		315	137	99	8.3	
01S07W14G01	3602000	8/5/85	30.8	6.8	28.2	1.3	16.0	14.0	4.0	3.0	0.3	186	325	136	110	7.9	
01S07W14G01	3602000	7/29/86	35.4	5.5	20.6	1.8	163.7	14.9	1.3	3.1	0.2	246	320	134	114	7.9	
01S07W14G01	3602000	8/13/87	35.6	7.4	23.8	1.8	162.6	14.8	8.5	1.9	0.4	234	330	133	119	8.0	
01S07W14G01	3602000	8/15/88	35.1	6.9	19.8	1.5	162.1	17.6	4.4	1.0	-0.1	191	330	133	116	7.5	
01S07W14G01	3602000	8/15/89	36.2	15.5	26.0	1.7	228.4	14.3	4.0	2.7	0.2	267	430	187	153	7.9	
01S07W14G01	3602000	8/6/91	36.2	7.7	23.1	1.8	180.6	16.2	5.0	2.8	0.1	167	320	148	122	7.9	
01S07W14G01	3602000	8/5/92	35.2	6.8	27.8	1.6	175.7	14.4	3.4	3.4	0.2	165	320	144	116	8.0	
01S07W14G01	3602000	8/15/89								2.7		267					
01S07W14G01	3602000	2/15/94								3.2							

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W14G01	3602000	5/11/94									2.2						
01S07W14G01	3602000	8/2/94	35.2	7.0	24.5	1.5	178.6	14.9	6.8		2.6	0.4	181	330	146	116	8.1
01S07W14G01	3602000	8/13/90	36.8	5.2	24.5	1.8	185.4				1.4	0.1	186	320			7.9
01S07W14G01	3602000	11/16/94									3.9						
01S07W14G01	3602000	2/28/95									2.9						
01S07W14G01	3602000	5/11/95									3.5						
01S07W14G01	3602000	8/9/95	36.0	6.9	24.5	1.6	178.1	11.9	2.8		3.4	0.2	175	320	146	128	8.1
01S07W14L01	3601373	8/5/84	42.6	6.6	20.1	2.0		9.0	8.0		2.0	0.4		350	150	123	8.3
01S07W14L01	3601373	8/5/85	40.2	7.2	18.7	1.4	177.0	13.0	6.0		5.0	0.4	201	350	145	132	7.9
01S07W14L01	3601373	7/29/86	46.1	7.6	22.6	2.0	214.0	11.5	3.7		12.8	0.2	321	390	175	146	8.0
01S07W14L01	3601373	8/13/87	53.3	7.8	17.6	2.0	191.0	10.6	17.0		18.1	0.6	284	410	157	165	7.9
01S07W14L01	3601373	8/15/88	45.7	9.0	16.7	1.9	182.9	14.2	7.4		6.4	-0.1	215	380	150	151	7.4
01S07W14L01	3601373	8/15/89	44.4	13.1	20.5	1.8	212.3	12.1	6.7		9.2	0.2	249	430	174	165	8.1
01S07W14L01	3601373	8/6/91	52.1	8.1	17.8	1.9	200.1	13.6	9.7		14.0	0.1	199	380	164	163	7.7
01S07W14L01	3601373	8/5/92	51.3	9.7	19.9	1.9	212.3	8.7	9.1		16.4	0.2	204	390	174	168	7.9
01S07W14L01	3601373	8/15/89									9.2		249				
01S07W14L01	3601373	2/15/94									18.0						
01S07W14L01	3601373	5/11/94									20.7						
01S07W14L01	3601373	8/2/94	50.5	9.9	19.1	1.8	208.9	11.7	12.0		22.1	0.2	230	420	171	174	7.9
01S07W14L01	3600158	8/13/90	38.4	14.6	17.9	1.9	203.5				9.8	0.1	218	370			7.9
01S07W14L01	3601373	11/16/94									16.2						
01S07W14L01	3601373	5/11/95									26.6						
01S07W14L01	3601373	8/9/95	49.7	9.1	17.5	1.8	197.6	9.3	8.0		14.2	0.1	207	380	162	170	8.2
01S07W17E01	3600360	8/7/84	50.5	10.1	14.8	1.4		16.0	13.0		31.0	0.4		400	142	180	7.5
01S07W17E01	3600360	8/15/85	52.0	9.4	13.4	1.3	182.0	19.0	10.0		29.0	0.4	263	410	149	177	7.7
01S07W17E01	3600360	12/26/86									31.7	0.2					
01S07W17E01	3600360	7/8/88	60.2	7.9	13.8	1.6	183.5	17.7	8.1		29.2	0.2	237	410	150	183	7.8
01S07W17E01	3600360	1/9/91	57.7	9.7	13.4	1.6	188.9	19.1	10.9		31.4	0.3	248	420	155	184	7.7
01S07W17E01	3600360	7/29/92	52.9	11.7	16.3	1.5	182.0	19.6	10.8		31.5	0.3	219	420	149	180	7.8
01S07W17E01	3600360	10/26/92	55.6	11.0	18.5	1.4	194.2	20.5	10.4		32.7	0.3	230	420	159	184	7.6
01S07W17E01	3600360	2/2/93	52.4	11.9	14.2	1.3	182.5	20.7	11.8		34.9	0.3	222	420	150	180	7.7
01S07W17E01	3600360	1/18/94									31.2						
01S07W17E01	3600360	5/31/94	49.7	11.9	12.7	1.1	183.5	14.0	5.7		78.6	0.2	210	430	150	160	7.5
01S07W17E01	3600360	6/14/94									34.5						
01S07W17E01	3600360	10/31/94									35.7						
01S07W17E01	3600360	2/27/95	56.5	10.7	16.1	1.6	185.4	20.7	9.8		37.7	0.2	245	430	152	188	7.7
01S07W17E01	3600360	5/20/95									35.5						
01S07W17E01	3600360	7/17/95									35.7						
01S07W17E01	3600360	10/9/95									30.0						
01S07W17E01	3600360	4/17/92									27.9						
01S07W17G01		9/22/75	34.0	9.8	16.0	0.9	156.1	6.0	12.0		21.0	0.5	198	360	128	125	7.6

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S07W17G01		5/16/84	46.0	10.0	16.0	1.0		18.0	16.0	31.0	0.5		380	123	157	7.2
01S07W17G01		4/23/87	51.0	11.0	16.0	2.0	165.0	19.0	11.0	42.0	0.3	270	410	135	174	6.9
01S07W17G01		4/1/93	57.0	13.0	17.0	2.0	165.0	27.0	15.0	56.0	0.2	250	430	135	197	7.7
01S07W17G01		2/17/94	52.0	12.0	16.0	2.0	165.0	23.0	13.0	51.0	0.3	285	410	135	180	7.6
01S07W17G01		4/21/94								53.0						
01S07W17G01		5/23/94								55.0						
01S07W17G01		6/20/94								55.0						
01S07W17G01		8/17/95	46.1	8.7	13.5	1.4	131.8	11.5	13.3	41.5	0.3	201	360	108	156	7.8
01S07W18G01	3601777	5/21/84	49.0	11.0	15.0	2.0		15.0	11.0	28.0	0.3		410	138	169	7.5
01S07W18G01	3601777	7/1/85	48.0	10.0	15.0	2.0	180.0	11.0	11.0	29.0	0.4	190	380	148	162	7.9
01S07W18G01	3601777	4/7/87	50.0	12.0	15.0	2.0	180.0	14.0	11.0	31.0	-0.1	240	390	148	175	7.7
01S07W18G01	3601777	5/11/88	49.0	11.0	14.0	2.0	189.0	13.0	8.0	30.0	0.3	235	390	155	169	8.1
01S07W18G01	3601777	5/9/89	55.0	12.0	15.0	2.0	183.0	16.0	11.0	34.0	0.4	230	410	150	188	7.7
01S07W18G01	3601777	8/13/92	54.0	12.0	15.0	2.0	177.0	22.0	14.0	41.0	0.6	250	390	145	185	7.8
01S07W18G01	3601777	6/9/93	54.0	12.0	15.0	2.0	177.0	21.0	15.0	45.0	0.3	265	430	145	185	7.7
01S07W18G01	3601777	1/31/94	49.0	11.0	15.0	2.0	171.0	17.0	10.0	33.0	0.3	255	370	140	169	7.9
01S07W18G01	3601777	4/21/94								41.0						
01S07W18G01	3601777	5/25/94								42.0						
01S07W18G01	3601777	6/23/94								36.0						
01S07W18G01	3601777	8/3/94								40.0						
01S07W18G01	3601777	10/25/90								34.0		245				
01S07W18G01	3601777	12/14/94								40.0						
01S07W18G01	3601777	12/20/94								40.0						
01S07W18G01	3601777	12/27/94								39.0						
01S07W18G01	3601777	1/5/95								35.0						
01S07W18G01	3601777	1/9/95								34.0						
01S07W18G01	3601777	6/21/95	51.0	11.0	14.0	2.0	177.0	23.0	5.0	13.0	0.3	260	400	145	174	7.8
01S07W18G01	3601777	8/1/91	53.0	12.0	14.0	2.0		18.0	11.0	41.0	0.3	285	420			7.8
01S07W18G01	3601777	8/15/95								39.6						
01S07W18G01	3601777	11/7/95								40.7						
01S07W19D01	3601568	7/28/87	71.6	12.0	16.4	2.2	149.5	39.9	13.6	90.4	0.7	376	550	123	228	8.0
01S07W19D01	3601568	6/20/89	76.7	11.9	18.2	2.3	188.6	42.6	15.3	65.0	0.2	347	560	155	240	8.0
01S07W19D02	3601565	7/28/87	64.7	7.8	9.0	2.2	154.2	34.4	7.6	46.8	0.4	299	450		194	8.2
01S07W19D02	3601565	6/20/89	61.7	17.1	22.0	2.4	163.3	41.7	16.8	87.3	0.2	336	550	134	224	7.9
01S07W20C01	3601771	1/16/90								18.0		230				
01S07W20C01		8/1/91	34.0	7.0	23.0	2.0		24.0	5.0	14.0	0.3	215	330			7.9
01S07W21C01	3601771	5/16/84	36.0	8.0	24.0	1.0		25.0	12.0	20.0	0.4		380	118	121	6.3
01S07W21C01	3601771	6/25/87	40.0	7.0	22.0	1.0	162.0	21.0	5.0	17.0	0.3	200	350	133	129	7.6
01S07W21C01	3601771	5/5/89	37.0	9.0	24.0	2.0	159.0	23.0	6.0	618.0	0.3	195	360	130	130	7.5
01S07W21C01	3601771	8/13/92	35.0	8.0	25.0	2.0	159.0	27.0	7.0	17.0	0.4	190	340	130	121	7.7
01S07W21C01	3601771	1/18/94	32.0	6.0	26.0	2.0	146.0	23.0	3.0	12.0	0.2	215	330	120	105	7.9

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W21C01	3601771	5/23/94										13.0					
01S07W21C01	3601771	11/9/94										15.0					
01S07W21C01	3601771	12/14/94										11.0					
01S07W21C01	3601771	12/20/94										11.0					
01S07W21C01	3601771	6/20/95										13.0					
01S07W21C01	3601771	6/22/95	31.0	7.0	24.0	2.0	149.0	23.0	5.0		14.0	0.4	220	300	123	107	7.9
01S07W21C01	3601771	8/11/95										13.1					
01S07W21C01	3601771	10/30/95										13.3					
01S07W21D01	3601772	5/16/84	37.0	9.0	22.0	1.0		20.0	12.0		14.0	0.4		350	135	130	7.4
01S07W21D01	3601772	4/21/87	41.0	9.0	22.0	2.0	180.0	21.0	5.0		13.0	0.3	230	350	148	140	7.1
01S07W21D01	3601772	5/5/88	41.0	9.0	21.0	2.0	183.0	21.0	5.0		14.0	0.3	215	360	150	140	7.3
01S07W21D01	3601772	8/13/92	37.0	9.0	22.0	2.0	165.0	24.0	7.0		22.0	0.4	220	330	135	130	7.5
01S07W21D01	3601772	1/25/94	49.0	12.0	17.0	1.0	162.0	26.0	9.0		46.0	0.3	250	430	133	173	8.0
01S07W21D01	3601772	10/25/90									21.0		250				
01S07W21D01	3601772	11/9/94									21.0						
01S07W21D01	3601772	12/8/94									25.0						
01S07W21D01	3601772	12/14/94									22.0						
01S07W21D01	3601772	12/20/94									23.0						
01S07W21D01	3601772	12/27/94									23.0						
01S07W21D01	3601772	1/5/95									22.0						
01S07W21D01	3601772	1/9/95									22.0						
01S07W21D01	3601772	1/18/95									22.0						
01S07W21D01	3601772	1/23/95									22.0						
01S07W21D01	3601772	1/31/95									27.0						
01S07W21D01	3601772	2/7/95	39.0	10.0	19.0	2.0	159.0	22.0	8.0		33.0	0.4	255	390	130	139	7.8
01S07W21D01	3601772	2/14/95									26.0						
01S07W21D01	3601772	2/21/95									21.0						
01S07W21D01	3601772	2/28/95									21.0						
01S07W21D01	3601772	3/8/95									20.0						
01S07W21D01	3601772	3/13/95									21.0						
01S07W21D01	3601772	3/21/95									22.0						
01S07W21D01	3601772	3/27/95									21.0						
01S07W21D01	3601772	4/3/95									21.0						
01S07W21D01	3601772	4/13/95									17.0						
01S07W21D01	3601772	5/4/95									21.0						
01S07W21D01	3601772	8/1/91	39.0	10.0	20.0	2.0		23.0	6.0		18.0	0.3	230	360			7.8
01S07W22B01	3602266	5/22/84	38.0	9.0	20.0	1.0		15.0	11.0		20.0	0.3		330	135	133	7.5
01S07W22B01	3602266	4/3/87	39.0	9.0	21.0	2.0	168.0	14.0	8.0		16.0	0.2	215	350	138	135	7.9
01S07W22B01	3602266	5/4/89	44.0	10.0	19.0	2.0	180.0	15.0	10.0		23.0	0.4	245	400	148	152	7.6
01S07W22B01	3602266	8/12/92	47.0	11.0	23.0	2.0	171.0	20.0	14.0		35.0	0.3	245	410	140	163	7.6
01S07W22B01	3602266	1/25/94	48.0	10.0	22.0	2.0	180.0	18.0	13.0		38.0	0.3	250	420	148	162	7.9

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W22B01	3602266	4/21/94									36.0						
01S07W22B01	3602266	5/23/94									38.0						
01S07W22B01	3602266	6/23/94									38.0						
01S07W22B01	3602266	8/3/94									36.0						
01S07W22B01	3602266	11/6/90									23.0	235					
01S07W22B01	3602266	12/14/94									37.0						
01S07W22B01	3602266	12/20/94									36.0						
01S07W22B01	3602266	12/27/94									38.0						
01S07W22B01	3602266	1/5/95									34.0						
01S07W22B01	3602266	1/11/95									34.0						
01S07W22B01	3602266	1/18/95									38.0						
01S07W22B01	3602266	1/23/95									37.0						
01S07W22B01	3602266	1/31/95									35.0						
01S07W22B01	3602266	2/7/95									37.0						
01S07W22B01	3602266	2/8/95	47.0	10.0	22.0	2.0	170.0	18.0	16.0		37.0	0.3	284	430	139	159	7.9
01S07W22B01	3602266	2/14/95									37.0						
01S07W22B01	3602266	2/21/95									34.0						
01S07W22B01	3602266	2/28/95									35.0						
01S07W22B01	3602266	3/8/95									36.0						
01S07W22B01	3602266	3/13/95									36.0						
01S07W22B01	3602266	3/21/95									36.0						
01S07W22B01	3602266	3/27/95									33.0						
01S07W22B01	3602266	5/4/95									39.0						
01S07W22B01	3602266	5/15/95									40.0						
01S07W22B01	3602266	5/22/95									40.0						
01S07W22B01	3602266	5/30/95									40.0						
01S07W22B01	3602266	6/12/95									38.0						
01S07W22B01	3602266	6/20/95									38.0						
01S07W22B01	3602266	7/5/95									38.2						
01S07W22B01	3602266	7/11/95									36.3						
01S07W22B01	3602266	7/21/95									39.7						
01S07W22B01	3602266	8/1/91	43.0	10.0	20.0	2.0		15.0	10.0		28.0	0.2	260	390			7.8
01S07W22B01	3602266	8/3/95									36.9						
01S07W22B01	3602266	8/10/95									39.5						
01S07W22B01	3602266	8/14/95									39.2						
01S07W22B01	3602266	8/21/95									40.3						
01S07W22B01	3602266	8/28/95									37.6						
01S07W22B01	3602266	9/7/95									38.2						
01S07W22B01	3602266	9/11/95									37.9						
01S07W22B01	3602266	9/18/95									37.9						
01S07W22B01	3602266	9/26/95									38.0						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S07W22B01	3602266	10/2/95									39.1					
01S07W22B01	3602266	10/10/95									37.4					
01S07W22B01	3602266	10/17/95									34.9					
01S07W22B01	3602266	10/23/95									35.8					
01S07W22B01	3602266	11/7/95									37.3					
01S07W22B01	3602266	11/13/95									39.7					
01S07W22B01	3602266	11/21/95									40.0					
01S07W22B01	3602266	11/27/95									39.9					
01S07W22B01	3602266	12/4/95									36.8					
01S07W22B01	3602266	12/11/95									43.3					
01S07W22B01	3602266	12/19/95									39.3					
01S07W22B01	3602266	12/26/95									41.4					
01S07W22B01	3602266	1/4/96									39.8					
01S07W22B01	3602266	1/11/96									51.0					
01S07W22B01	3602266	1/16/96									38.0					
01S07W22B01	3602266	1/23/96									41.6					
01S07W22Q02	600453	5/16/84	39.0	8.0	25.0	2.0		18.0	11.0	4.0	0.3		350	143	131	7.6
01S07W22Q02	600453	4/16/87	45.0	9.0	22.0	2.0	149.0	23.0	8.0	4.0	-0.1	220	350	123	150	7.0
01S07W22Q02	600453	5/5/88	43.0	8.0	22.0	2.0	125.0	22.0	7.0	3.0	0.2	235	350	158	141	7.6
01S07W22Q02	600453	4/28/89	40.0	8.0	25.0	2.0	195.0	19.0	7.0	5.0	0.2	195	330	160	134	7.8
01S07W22Q02	600453	8/12/92	36.0	7.0	24.0	2.0	168.0	22.0	7.0	4.0	0.2	215	330	138	119	7.9
01S07W22Q02	600453	1/25/94	39.0	8.0	21.0	2.0	180.0	19.0	6.0	4.0	0.2	190	340	148	131	8.2
01S07W22Q02	600453	10/30/90								5.0		170				
01S07W22Q02	600453	5/16/95	38.0	8.0	21.0	2.0	180.0	21.0	8.0	6.0	0.2	225	350	148	129	7.8
01S07W22Q02	600453	8/6/91	46.0	46.0	20.0	2.0		9.0	8.0	9.0	0.2	205	370			7.9
01S07W23D01	3601065	5/21/84	50.0	10.0	17.0	1.0		12.0	12.0	18.0	0.2		460	155	167	6.4
01S07W23D01	3601065	4/7/87	60.0	10.0	17.0	2.0	214.0	11.0	14.0	20.0	-0.1	250	430	175	192	7.7
01S07W23D01	3601065	5/6/88	59.0	12.0	17.0	2.0	232.0	10.0	12.0	22.0	0.2	280	440	190	198	7.3
01S07W23D01	3601065	5/9/89	66.0	13.0	18.0	2.0	241.0	11.0	17.0	27.0	0.3	285	475	198	219	7.8
01S07W23D01	3601065	8/12/92	72.0	14.0	21.0	2.0	250.0	21.0	18.0	29.0	0.3	315	510	205	239	7.7
01S07W23D01	3601065	1/31/94	73.0	14.0	20.0	2.0	281.0	19.0	16.0	25.0	0.2	340	530	230	241	7.6
01S07W23D01	3601065	5/24/94								25.0						
01S07W23D01	3601065	2/8/95	63.0	13.0	19.0	2.0	241.0	14.0	17.0	22.0	0.2	315	510	198	212	8.0
01S07W23D01	3601065	5/16/95								25.0						
01S07W23D01	3601065	8/1/91	66.0	13.0	18.0	2.0		15.0	13.0	26.0	0.2	320	500			7.8
01S07W23D01	3601065	8/11/95								25.6						
01S07W23D01	3601065	11/1/95								28.5						
01S07W23M01	3600010	5/22/84	64.0	13.0	20.0	2.0		72.0	30.0	6.0	0.2		590	138	214	7.6
01S07W23M01	3600010	5/4/88	50.0	9.0	19.0	2.0	204.0	22.0	6.0	3.0	0.2	225	380	168	163	7.7
01S07W23M01	3600010	5/4/89	53.0	16.0	40.0	3.0	192.0	91.0	32.0	6.0	0.3	350	580	158	199	8.0
01S07W23M01	3600010	8/9/89		12.0	19.0			24.0	10.0		0.4	260	400		185	

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W23M01	3600010	8/12/92	46.0	9.0	21.0	2.0	189.0	17.0	8.0	7.0	0.3	235	350	155	153	7.9	
01S07W23M01	3600010	1/31/94	48.0	10.0	20.0	2.0	210.0	14.0	10.0	12.0	0.2	230	400	173	162	7.7	
01S07W23M01	3600010	11/1/90								6.0		230					
01S07W23M01	3600010	2/8/95	41.0	8.0	19.0	2.0	183.0	13.0	7.0	6.0	0.2	255	370	150	136	8.0	
01S07W23M01	3600010	8/7/91	48.0	10.0	19.0	2.0		17.0	7.0	9.0	0.2	245	380			7.9	
01S07W24M01	3602457	5/22/84	37.0	6.0	17.0	1.0		10.0	7.0	4.0	0.2		280	138	118	7.6	
01S07W24M01	3602457	4/2/87	36.0	6.0	16.0	2.0	174.0	6.0	3.0	3.0	-0.1	185	290	143	115	7.8	
01S07W24M01	3602457	5/4/88	40.0	6.0	16.0	2.0	177.0	7.0	2.0	2.0	0.2	180	300	145	125	7.8	
01S07W24M01	3602457	4/28/89	39.0	7.0	18.0	2.0	183.0	6.0	4.0	5.0	0.2	170	300	150	114	7.8	
01S07W24M01	3602457	8/12/92	45.0	8.0	17.0	2.0	186.0	12.0	6.0	4.0	0.2	210	340	153	146	8.0	
01S07W24M01	3602457	1/25/94	35.0	5.0	16.0	2.0	162.0	6.0	3.0	5.0	0.2	165	290	133	109	8.2	
01S07W24M01	3602457	11/1/90								5.0		185					
01S07W24M01	3602457	2/7/95	35.0	6.0	16.0	2.0	159.0	7.0	4.0	5.0	0.2	205	320	130	113	8.1	
01S07W24M01	3602457	8/22/91	42.0	7.0	16.0	2.0		8.0	2.0	3.0	0.2	190	310			8.0	
01S07W26A01	3600012	5/22/84	45.0	8.0	21.0	2.0		10.0	11.0	13.0	-0.1		350	160	146	7.6	
01S07W26A01	3600012	4/7/87	54.0	8.0	20.0	2.0	210.0	8.0	10.0	12.0	-0.1	220	380	173	169	7.8	
01S07W26A01	3600012	5/6/88	49.0	8.0	21.0	1.0	214.0	8.0	9.0	12.0	0.2	240	370	175	56	7.5	
01S07W26A01	3600012	7/13/89	51.0	9.0	21.0	2.0	226.0	8.0	7.0	8.0	0.3	245	370	185	165	7.9	
01S07W26A01	3600012	8/12/92	47.0	9.0	22.0	2.0	195.0	10.0	11.0	11.0	0.2	230	360	160	155	7.9	
01S07W26A01	3600012	1/25/94	46.0	9.0	24.0	2.0	189.0	31.0	12.0	-4.0	0.2	225	400	155	153	8.1	
01S07W26A01	3600012	11/1/90								8.0		225					
01S07W26A01	3600012	2/8/95	45.0	8.0	19.0	2.0	183.0	8.0	8.0	6.0	0.2	245	360	150	146	8.1	
01S07W26A01	3600012	8/6/91	38.0	8.0	24.0	2.0		20.0	6.0	4.0		190	340			7.9	
01S07W27D01	3601775	7/9/84	47.0	12.0	17.0	1.0		18.0	12.0	18.0	0.4		380	145	167	7.4	
01S07W27D01	3601775	7/1/85	45.0	10.0	17.0	1.0	180.0	16.0	12.0	22.0	-0.1	215	390	148	154	7.6	
01S07W27D01	3601775	4/14/87	46.0	11.0	16.0	2.0	171.0	22.0	10.0	22.0	0.3	270	390	140	161	7.4	
01S07W27D01	3601775	5/12/88	46.0	10.0	16.0	1.0	174.0	23.0	9.0	21.0	0.4	250	380	143	157	7.1	
01S07W27D01	3601775	5/5/89	44.0	11.0	24.0	2.0	171.0	38.0	13.0	16.0	0.3	210	420	140	156	7.8	
01S07W27D01	3601775	10/30/90	42.0	10.0	20.0	1.0		35.0	13.0	16.0	0.3	265	370			7.8	
01S07W28M02	3601778	5/16/84	32.0	6.0	27.0	2.0		20.0	9.0	4.0	0.3		350	128	105	6.6	
01S07W28M02	3601778	4/16/87	34.0	7.0	26.0	2.0	180.0	16.0	4.0	4.0	0.2	200	320	148	114	7.0	
01S07W28M02	3601778	6/30/88	33.0	7.0	28.0	2.0	177.0	17.0	4.0	4.0	0.3	200	350	145	112	7.8	
01S07W28M02	3601778	5/10/89	36.0	8.0	28.0	2.0	189.0	16.0	4.0	3.0	0.4	165	340	155	124	7.8	
01S07W28M02	3601778	8/13/92	32.0	7.0	26.0	2.0	174.0	20.0	6.0	4.0	0.4	195	300	143	109	7.8	
01S07W28M02	3601778	1/31/94	32.0	7.0	28.0	2.0	174.0	17.0	5.0	4.0	0.3	210	330	143	109	8.0	
01S07W28M02	3601778	10/30/90								3.0		190					
01S07W28M02	3601778	2/9/95	30.0	5.0	33.0	2.0	168.0	16.0	5.0	3.0	0.3	200	340	138	96	8.1	
01S07W28M02	3601778	7/30/91	35.0	7.0	25.0	2.0		16.0	4.0	4.0	0.3	205	330			8.0	
01S07W28R02	3602052	5/21/84	35.0	8.0	24.0	2.0		17.0	5.0	4.0	0.2		370	148		6.4	
01S07W28R02	3602052	7/1/85	38.0	8.0	22.0	1.0	189.0	12.0	4.0	3.0	-0.1	180	330	155	129	7.7	
01S07W28R02	3602052	4/2/87	40.0	8.0	23.0	2.0	186.0	12.0	3.0	2.0	-0.1	205	330	153	134	7.8	



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S07W28R02	3602052	5/4/88	38.0	8.0	23.0	2.0	198.0	14.0	3.0	-1.0	0.2	215	340	163	129	7.8
01S07W28R02	3602052	5/9/89	43.0	11.0	19.0	2.0	189.0	14.0	6.0	7.0	0.4	205	350	155	154	7.8
01S07W28R02	3602052	8/13/92	38.0	8.0	22.0	2.0	186.0	16.0	5.0	3.0	0.3	205	300	153	129	7.8
01S07W28R02	3602052	1/31/94	37.0	9.0	18.0	2.0	180.0	14.0	9.0	5.0	0.3	225	340	148	130	7.7
01S07W28R02	3602052	10/23/90								7.0		195				
01S07W28R02	3602052	6/22/95	35.0	7.0	21.0	2.0	192.0	13.0	4.0	4.0	0.2	235	330	158	117	8.0
01S07W28R02	3602052	8/7/91	39.0	9.0	21.0	2.0		14.0	4.0	4.0	0.2	215	330			7.8
01S07W29A01	3602107	5/21/84	38.0	10.0	18.0	1.0		17.0	7.0	13.0	0.3		350	125	137	7.4
01S07W29A01	3602107	6/25/87	42.0	10.0	17.0	1.0	180.0	15.0	6.0	10.0	0.3	195	350	148	147	7.7
01S07W29A01	3602107	5/4/88	42.0	10.0	18.0	1.0	189.0	16.0	6.0	11.0	0.3	225	340	155	147	7.6
01S07W29A01	3602107	5/2/89	40.0	11.0	17.0	2.0	186.0	17.0	7.0	12.0	9.3	225	350	153	146	7.8
01S07W29A01	3602107	8/13/92	41.0	11.0	18.0	2.0	177.0	22.0	10.0	17.0	0.4	210	340	145	149	7.9
01S07W29A01	3602107	1/31/94	35.0	9.0	19.0	2.0	168.0	16.0	5.0	6.0	0.4	200	330	138	125	7.9
01S07W29A01	3602107	10/30/90								12.0		155				
01S07W29A01	3602107	2/7/95	39.0	10.0	17.0	2.0	165.0	17.0	10.0	16.0	0.4	250	390	135	139	7.9
01S07W29A01	3602107	7/30/91	41.0	11.0	17.0	2.0		17.0	7.0	13.0	0.3	220	350			7.7
01S07W29D01	600493	5/16/90	43.0	11.0	17.0	2.0	210.0	18.0	5.0	3.0	0.3	220	350	173	155	7.7
01S07W29D01	600493	8/13/92	40.0	9.0	20.0	2.0	180.0	24.0	6.0	4.0	0.3	195	320	148	138	7.8
01S07W29D01	600493	3/10/94	37.0	8.0	20.0	2.0	159.0	22.0	6.0	4.0	0.3	205	350	130	126	8.1
01S07W29D01	600493	10/25/90								3.0		240				
01S07W29D01	600493	2/8/95	34.0	6.0	20.0	2.0	137.0	24.0	5.0	3.0	0.3	195	320	113	110	8.1
01S07W29D01	600493	8/20/91	40.0	9.0	19.0	2.0		21.0	4.0	3.0	0.3	185	340			7.7
01S07W30Q04	600475	4/2/87	37.0	8.0	21.0	2.0	177.0	16.0	4.0	3.0	-0.1	200	330	145	76	7.8
01S07W30Q04	600475	5/12/88	38.0	7.0	22.0	2.0	183.0	19.0	5.0	6.0	0.3	210	340	150	124	7.5
01S07W30Q04	600475	5/2/89	38.0	8.0	25.0	2.0	171.0	20.0	6.0	5.0	0.3	2052	320	140	129	7.9
01S07W30Q04	600475	8/13/92	40.0	8.0	22.0	2.0	180.0	20.0	6.0	6.0	0.3	205	310	148	134	7.9
01S07W30Q04	600475	10/23/90								5.0		185				
01S07W30Q04	600475	8/20/91	36.0	7.0	25.0	2.0		20.0	5.0	6.0	0.2	185	340			7.8
01S07W30R01	3601774	5/21/84	45.0	10.0	16.0	2.0		14.0	12.0	17.0	0.3		370	138	154	7.5
01S07W32A02	3600014	5/16/84	51.0	13.0	17.0	1.0		17.0	16.0	25.0	0.3		400	148	182	7.5
01S07W32A02	3600014	4/16/87	54.0	14.0	16.0	2.0	217.0	16.0	12.0	26.0	0.3	260	430	178	194	6.9
01S07W32A02	3600014	5/11/88	56.0	14.0	15.0	1.0	220.0	15.0	10.0	24.0	0.3	260	450	180	199	8.0
01S07W32A02	3600014	5/11/89	64.0	15.0	18.0	2.0	229.0	18.0	14.0	31.0	0.4	295	470	188	223	7.7
01S07W32A02	3600014	8/17/92	69.0	16.0	19.0	2.0	214.0	24.0	20.0	50.0	0.4	295	520	175	239	7.7
01S07W32A02	3600014	3/17/94	53.0	13.0	17.0	2.0	183.0	18.0	19.0	42.0	0.3	265	430	150	187	7.8
01S07W32A02	3600014	8/20/91	71.0	16.0	18.0	2.0		19.0	17.0	50.0	0.3	305	550			7.6
01S07W32B02	600476	8/20/91	36.0	8.0	20.0	2.0		19.0	4.0	3.0	0.2	190	330			7.8
01S07W32C01		4/3/87	35.0	7.0	20.0	2.0	131.0	21.0	22.0	3.0	-0.1		350	108	117	8.1
01S07W32C01		5/12/88	36.0	7.0	18.0	2.0	156.0	20.0	4.0	4.0	0.3	200	310	143	119	8.2
01S07W32C01		5/10/89	38.0	7.0	22.0	2.0	186.0	20.0	5.0	3.0	0.3	180	330	153	124	7.9
01S07W32C01		8/13/92	33.0	7.0	25.0	2.0	168.0	23.0	7.0	5.0	0.3	205	310	138	112	8.0

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S07W32C01		1/18/94	33.0	6.0	26.0	2.0	159.0	19.0	6.0	5.0	0.2	210	310	130	108	8.0	
01S07W32C01		2/8/95	32.0	6.0	26.0	2.0	146.0	20.0	8.0	6.0	0.3	230	340	120	105	8.1	
01S07W34A03	0600494	5/16/90	38.0	7.0	18.0	2.0	195.0	9.0	3.0	3.0	0.1	200	310	160	122	7.8	
01S07W34A03	0600494	8/13/92	39.0	6.0	19.0	2.0	180.0	12.0	5.0	4.0	0.2	185	290	148	123	8.0	
01S07W34A03	0600494	1/31/94	35.0	6.0	19.0	2.0	165.0	7.0	4.0	4.0	0.2	180	270	135	113	7.9	
01S07W34A03	600494	11/8/90								3.0		190					
01S07W34A03	600494	8/7/91	39.0	7.0	18.0	2.0		10.0	3.0	4.0	0.1	200	300			8.1	
01S08W02B01	3600808	8/7/84	47.5	9.4	5.7	1.5		20.0	4.0	11.0	0.4		350	134	164	8.0	
01S08W02B01	3600808	8/15/85	49.5	10.8	5.1	1.3	195.0	23.0	4.0	6.0	0.4	235	375	160	188	7.7	
01S08W02B01	3600808	12/29/86								6.2	0.4						
01S08W02B01	3600808	7/8/88	61.2	8.1	8.1	1.9	211.0	21.1	2.0	8.1	0.2	225	400	173	186	7.9	
01S08W02B01	3600808	1/22/91	51.3	9.7	10.6	1.8	187.9	22.4	-1.0	6.6	0.1	205	360	154	168	8.0	
01S08W02B01	3600808	7/29/92	49.5	11.8	7.5	1.7	180.6	23.6	4.1	6.3	0.4	179	360	148	172	8.0	
01S08W02B01	3600808	2/2/93	45.8	16.7	6.9	1.5	183.0	23.7	7.6	9.9	0.4	188	380	150	183	7.9	
01S08W02B01	3600808	1/10/94								11.1							
01S08W02B01	3600808	5/12/94	52.9	11.5	8.2	1.8	187.4	22.5	4.7	11.3	0.3	205	370	154	179	8.0	
01S08W02B02	3600809	8/7/84	51.2	10.0	5.8	1.6		20.0	3.0	10.0	0.4		350	139	176	8.0	
01S08W02B02	3600809	8/15/85	54.0	9.4	7.0	1.4	197.0	23.0	4.0	5.0	0.4	236	375	162	170	7.8	
01S08W02B02	3600809	12/26/86								5.3	0.3						
01S08W02B02	3600809	7/8/88	56.2	7.6	9.1	1.9	187.4	22.3	2.5	6.7	-0.1	229	390	154	172	7.5	
01S08W02B02	3600809	1/22/91	50.5	8.8	13.0	1.6	178.1	22.7	5.5	6.6	-0.1	209	360	146	162	8.0	
01S08W02B02	3600809	7/29/92	44.9	14.8	8.5	1.7	193.7	22.0	2.2	7.9	0.4	182	360	159	173	7.9	
01S08W02B02	3600809	2/2/93	49.7	8.7	7.3	1.4	164.0	23.2	7.9	6.6	0.4	172	340	134	160	7.9	
01S08W02B02	3600809	1/10/94								7.6							
01S08W02B02	3600809	5/12/94	52.9	10.7	9.1	1.6	194.2	21.7	4.5	8.1	0.3	204	360	159	176	8.0	
01S08W03D01		3/21/89	52.7	9.4	7.3	2.1	180.1	34.4	3.3	9.0	0.4	248	400	148	170	7.5	
01S08W03D01		2/12/92	52.9	12.2	6.4	1.7	185.4	22.7	7.2	5.6	0.3	185	370	152	182	7.7	
01S08W03D01		2/9/94								15.2							
01S08W03D01		2/12/92	52.9	12.2	6.4	1.7	185.4	22.7	7.2	5.6	0.3	185	370			7.7	
01S08W03F01		3/5/91	51.2	11.7	12.9	1.3	171.0	27.3	12.7	13.1	0.5	220	340			7.7	
01S08W03F02	1901710	10/24/89	49.5	13.4	33.9	1.3	236.2	33.8	5.1	14.0	0.7	285	500	194	179	7.6	
01S08W03F02	1901710	4/21/92	48.8	6.9	18.5	1.8	166.0	31.2	8.9	13.4	0.4	239	377	136	154	7.8	
01S08W03F02	1901710	10/11/93	59.9	10.2	14.4	1.7	194.0	32.3	12.3	16.0	0.6	234	377	159	189	7.6	
01S08W03F02	1901710	10/13/94								16.2							
01S08W03F02	1901710	2/6/95								15.2							
01S08W03F02	1901710	6/26/95	52.0	9.0	17.0	1.8	177.0	31.0	8.1	15.0	0.4	240	390	145	167	7.8	
01S08W03F02	1901710	6/25/91	54.9	7.6	10.4	1.7	166.0	29.8	6.9	12.4	0.4	176	330			7.6	
01S08W03F03	1901712	4/18/89	41.6	15.2	14.4	1.8	163.9	42.4	5.9	12.1	0.5	246	410	134	166	7.9	
01S08W03F03	1901712	5/5/92	52.9	8.6	10.4	2.0	168.4	28.5	8.5	11.8	0.3	207	356	138	172	7.4	
01S08W03F03	1901712	10/13/94								13.8							
01S08W03F03	1901712	2/6/95								12.4							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W03F03	1901712	3/4/91	48.0	5.5	23.0	1.0	176.0	28.1	5.7	12.7	0.6	240	370			7.6
01S08W03F03	1901712	6/26/95	54.0	12.0	9.2	2.1	189.0	28.0	9.4	13.6	0.3	240	395	155	184	7.5
01S08W03F04	9990060	10/11/93	66.7	11.9	8.6	2.1	194.0	32.9	13.4	18.6	0.5	249	390	159	207	7.4
01S08W03F04	9990060	10/13/94								16.9						
01S08W03F04	9990060	2/6/95								14.3						
01S08W03F04	9990060	3/4/91	54.4	9.0	7.4	1.5	173.0	28.8	7.0	14.9	0.4	217	340			7.5
01S08W03F04	9990060	6/26/95	53.0	11.0	9.0	2.0	189.0	28.0	7.0	13.2	0.3	230	385	155	178	7.7
01S08W03F05		3/10/92	61.8	10.9	11.3	1.9	185.0	31.7	17.8	11.5	0.4	243	361	152	204	7.6
01S08W03F05		10/11/93	44.2	7.9	29.5	1.7	182.0	30.8	9.1	14.5	0.9	228	352	149	138	7.7
01S08W03F05		10/13/94								13.1						
01S08W03F05		2/6/95								9.7						
01S08W03F05		6/26/95	45.0	9.2	14.0	1.9	71.0	23.0	3.4	8.4	0.5	210	340	140	150	7.8
01S08W03G02	9990062	3/21/89	54.0	7.3	17.4	2.1	176.2	37.8	5.4	14.4	0.3	253	415	144	165	7.5
01S08W03G02	9990062	8/24/90	58.0	13.6	7.3	2.2	205.0	23.6	8.6	18.5	0.4	249	430	168	201	7.2
01S08W03G02	9990062	2/12/92	55.3	12.2	7.3	1.8	173.2	24.3	11.3	18.0	0.3	201	420	142	188	7.6
01S08W03G02	9990062	2/9/94								20.7						
01S08W03G02	9990062	2/12/92	55.3	12.2	7.3	1.8	173.2	24.3	11.3	18.0	0.3	201	420			7.6
01S08W04B03		8/24/90	58.8	35.2	19.1	1.9	222.5	65.4	29.6	51.3	0.5	389	670	182	292	7.6
01S08W04B03		2/5/92	89.7	15.6	20.7	1.4	207.4	60.2	27.9	57.4	0.3	358	650	170	288	7.6
01S08W04B03		2/2/94								39.0						
01S08W04B03		2/5/92	89.7	15.6	20.7	1.4	207.4	60.2	27.9	57.4	0.3	358	650			7.6
01S08W04C03	9990063	3/21/89	93.1	13.9	31.5	2.5	172.8	106.4	15.0	106.3	0.3	442	725	142	290	7.5
01S08W04C03	9990063	2/19/92	97.7	14.6	31.4	1.5	177.6	83.5	29.3	97.5	0.3	429	730	146	304	7.8
01S08W04C03	9990063	2/16/94								101.0						
01S08W04C03	9990063	3/16/94								92.4						
01S08W04C03	9990063	4/20/94								37.2						
01S08W04C03	9990063	5/18/94								106.0						
01S08W04C03	9990063	6/15/94								95.2						
01S08W04C03	9990063	7/20/94								102.0						
01S08W04C03	9990063	8/10/94								110.7						
01S08W04C03	9990063	9/21/94								95.7						
01S08W04C03	9990063	2/19/92	97.7	14.6	31.4	1.5	177.6	83.5	29.3	97.5	0.3	429	730			7.8
01S08W04L01	1902160	4/18/89	70.3	10.4	56.4	2.4						400		135	218	
01S08W04L01	1902160	4/8/92	70.4	10.6	35.3	1.9	183.0	70.5	23.5	67.3	0.5	348	602	150	224	7.3
01S08W04L01	1902160	12/2/93	73.0	10.4	38.3	1.7	189.0	77.1	22.8	62.4	0.7	363	549	155	225	7.5
01S08W04L01	1902160	10/13/94								60.5						
01S08W04L01	1902160	2/2/95								52.6						
01S08W04L01	1902160	3/4/91	72.0	9.0	35.9	1.4	176.0	72.3	21.2	63.0	0.6	400	600			7.4
01S08W04L01	1902160	4/25/95								28.0						
01S08W04L01	1902160	5/19/95								55.6						
01S08W04L01	1902160	6/26/95	69.0	11.0	33.0	1.8	183.0	63.0	17.0	61.6	0.5	380	570	150	218	7.8

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH		
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)							
01S08W04L01	1902160	7/13/95										53.4						
01S08W04L01	1902160	10/5/95										51.2						
01S08W04L01	1902160	11/13/95										53.3						
01S08W04L01	1902160	12/4/95										51.1						
01S08W04M01	1902212	11/4/87										71.0						
01S08W04M01	1902212	3/21/89	92.6	11.4	21.0	1.9	197.5	78.4	24.8			67.5	0.3	396	660	162	278	7.7
01S08W05B01	9990064	3/21/89	98.8	18.8	53.4	1.7	163.3	126.4	68.5			93.0	0.4	528	895	134	324	6.5
01S08W05B01	9990064	2/19/92	99.3	24.3	42.0	1.2	162.0	98.3	74.0			110.0	0.3	516	890	133	348	6.8
01S08W05B01	9990064	2/19/92	99.3	24.3	42.0	1.2	162.0	98.3	74.0			110.0	0.3	516	890			6.8
01S08W05E01		7/18/91	93.0	26.0	33.0	2.0	200.0	113.0	50.4			108.7	0.4	540	825	165	341	7.8
01S08W05E01		2/5/92	84.1	36.5	31.5	1.6	184.5	106.8	45.4			90.3	0.3	472	840	151	360	7.3
01S08W05E01		6/2/94										87.3						
01S08W05E01		6/14/94										106.2						
01S08W05E01		7/26/94										114.0						
01S08W05E01		9/20/94										125.4						
01S08W05E01		11/29/94										103.8						
01S08W05E01		3/31/95	107.3	20.9	31.2	1.9	192.8	107.2	52.5			117.0	0.3	533	840	158	354	7.3
01S08W05E01		6/14/95										117.6						
01S08W05E01		7/11/95										100.2						
01S08W05E01		7/19/95										120.8						
01S08W05E01		10/3/95										98.4						
01S08W06A02		1/21/92	71.3	27.7	35.6	1.4	187.9	86.2	48.5			67.5	0.6	416	750	154	292	7.6
01S08W06A02		6/2/94										79.5						
01S08W06A02		6/14/94										52.8						
01S08W06A02		8/10/94										76.2						
01S08W06A02		9/7/94										80.1						
01S08W06A02		9/20/94										72.6						
01S08W06A02		11/2/94										77.7						
01S08W06A02		11/29/94										83.4						
01S08W06A02		12/7/94										86.7						
01S08W06A02		3/31/95	76.7	22.4	39.5	1.7	209.8	84.7	45.9			77.7	0.3	452	760	172	284	7.6
01S08W06A02		7/11/95										37.0						
01S08W06A02		8/16/95										38.1						
01S08W06A02		8/23/95										50.1						
01S08W06A02		8/30/95										51.0						
01S08W06A02		9/6/95										55.5						
01S08W06A02		9/13/95										52.2						
01S08W06A02		9/20/95										58.2						
01S08W06A02		9/27/95										67.2						
01S08W06A02		10/3/95										64.2						
01S08W06A02		10/25/95										80.4						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W06A02		11/8/95									93.6						
01S08W06A02		11/15/95									70.3						
01S08W06A02		12/13/95									78.3						
01S08W06A04		1/21/92	104.9	19.4	33.7	1.5	205.0	97.7	56.5		76.5	0.6	475	840	168	342	7.3
01S08W06A04		1/12/94									68.4						
01S08W06A04		2/2/94									71.4						
01S08W06A04		4/20/94									65.8						
01S08W06A04		6/14/94									62.4						
01S08W06A04		7/6/94									66.9						
01S08W06A04		8/3/94									72.9						
01S08W06A04		9/7/94									77.2						
01S08W06A04		11/2/94									76.8						
01S08W06A04		11/29/94									78.6						
01S08W06A04		12/7/94									75.6						
01S08W06A04		3/31/95	107.3	22.4	34.2	1.9	222.0	107.3	59.1		82.2	0.3	524	850	182	364	7.4
01S08W06A04		4/5/95									72.9						
01S08W06A04		6/7/95									75.2						
01S08W06A04		7/5/95									69.3						
01S08W06A04		7/11/95									68.4						
01S08W06A04		8/2/95									62.4						
01S08W06A04		8/9/95									67.8						
01S08W06A04		10/3/95									65.1						
01S08W07F02		1/21/92	80.9	26.2	28.5	1.5	205.0	72.8	32.2		102.5	0.4	429	750	168	310	7.8
01S08W07F02		4/20/94									104.9						
01S08W07F02		6/14/94									105.9						
01S08W07F02		7/26/94									110.0						
01S08W07F02		9/20/94									100.5						
01S08W07F02		11/29/94									96.6						
01S08W07F02		3/31/95	91.0	20.6	28.0	1.8	200.1	76.9	33.5		126.5	0.2	477	750	164	312	7.9
01S08W07F02		7/11/95									98.1						
01S08W07F02		10/3/95									100.0						
01S08W07F06		5/23/89	93.2	16.2	32.0	2.0	200.0	75.0	30.0		102.0	0.3	470	735	165	301	7.7
01S08W07F06		1/21/92	119.3	16.5	27.2	1.6	230.3	89.4	37.0		113.0	0.4	499	850	189	366	7.6
01S08W07F06		1/5/94									106.0						
01S08W07F06		2/2/94									108.8						
01S08W07F06		3/2/94									105.0						
01S08W07F06		4/6/94									106.0						
01S08W07F06		6/1/94									93.6						
01S08W07F06		6/14/94									96.3						
01S08W07F06		7/6/94									93.0						
01S08W07F06		8/3/94									102.0						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
01S08W07F06		9/7/94									106.2					
01S08W07F06		10/19/94									96.0					
01S08W07F06		11/2/94									103.2					
01S08W07F06		11/23/94									105.5					
01S08W07F06		11/29/94									93.9					
01S08W07F06		12/7/94									102.9					
01S08W07F06		1/4/95									111.0					
01S08W07F06		2/8/95									102.9					
01S08W07F06		3/1/95									115.0					
01S08W07F06		3/31/95	93.7	16.5	32.9	2.0	205.0	78.9	29.6	107.5	0.2	462	740	168	302	7.8
01S08W07F06		4/5/95									92.7					
01S08W07F06		4/25/95									107.6					
01S08W07F06		5/3/95									102.0					
01S08W07F06		5/24/95									103.2					
01S08W07F06		6/7/95									117.0					
01S08W07F06		7/5/95									127.0					
01S08W07F06		7/11/95									92.4					
01S08W07F06		8/2/95									112.8					
01S08W07F06		8/9/95									100.5					
01S08W07F06		8/16/95									117.6					
01S08W07F06		8/23/95									108.0					
01S08W07F06		8/30/95									106.5					
01S08W07F06		9/6/95									97.7					
01S08W07F06		9/13/95									99.0					
01S08W07F06		9/20/95									107.0					
01S08W07F06		9/27/95									111.9					
01S08W07F06		10/3/95									101.7					
01S08W07F06		10/11/95									106.8					
01S08W07F06		10/18/95									107.4					
01S08W07F06		10/25/95									102.0					
01S08W07F06		11/8/95									111.3					
01S08W07F06		11/15/95									107.0					
01S08W07F06		11/22/95									110.8					
01S08W07F06		11/29/95									103.8					
01S08W07F06		12/6/95									108.3					
01S08W07F06		1/3/96	95.8	18.1	34.3	1.6	202.0	82.8	31.1	97.8	0.2	461	750	166	306	7.7
01S08W07F06		1/10/96									120.0					
01S08W07F06		1/17/96									108.4					
01S08W07G02		1/21/92	67.3	19.0	29.6	1.6	146.4	70.5	21.5	90.0	0.3	360	620	120	246	7.6
01S08W07G02		1/5/94									106.0					
01S08W07G02		4/20/94									106.2					

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W07G02		6/14/94									105.3					
01S08W07G02		7/26/94									109.0					
01S08W07G02		9/20/94									118.0					
01S08W07G02		10/26/94									103.5					
01S08W07G02		11/9/94									99.9					
01S08W07G02		11/29/94									96.9					
01S08W07G02		12/7/94									105.6					
01S08W07G02		3/31/95	87.3	12.2	29.2	1.9	156.0	80.0	26.6	125.0	0.2	439	670	128	268	7.8
01S08W07G02		7/11/95									99.3					
01S08W07G02		10/3/95									114.0					
01S08W08H01	1901718	3/4/87	101.9	6.3	28.5	2.9	182.6	37.4	25.3	63.9	0.3	395	670	150	270	7.8
01S08W08H01	1901718	5/9/89	90.0	6.4	39.2	2.2	279.5	78.0	14.2	9.6	0.3	434	700	229	251	7.4
01S08W08H01	1901718	10/13/94									78.6					
01S08W08H01	1901718	3/5/91	83.2	8.8	27.9	1.9	181.0	86.9	25.1	57.7	-0.2	415	670			7.5
01S08W08H01	1901718	4/25/95									68.7					
01S08W08H01	1901718	7/13/95									79.6					
01S08W08H01	1901718	7/21/95	77.5	15.0	25.2	2.3	165.0	75.5	22.8	79.3	0.3	415	625	135	261	7.7
01S08W08H01	1901718	10/5/95									71.9					
01S08W08H01	1901718	11/16/95									57.1					
01S08W08H01	1901718	1/23/96									41.8					
01S08W09D01	1902604	3/4/87	49.4	4.0	35.3	2.1	163.2	40.1	10.5	39.6	0.3	265	440	134	135	7.8
01S08W09D01	1902604	4/18/89	42.3	17.0	28.4	1.5	145.4	61.4	18.4	26.8	0.3	293	480	119	176	7.9
01S08W09D01	1902604	5/5/92	46.1	5.2	41.3	1.8	146.4	47.4	14.0	43.4	0.3	272	436	120	138	7.7
01S08W09D01	1902604	10/11/93	57.6	8.1	39.8	1.8	170.0	52.8	19.5	40.9	0.4	289	437	139	170	7.8
01S08W09D01	1902604	3/12/91	42.0	4.5	37.7	1.3	156.0	36.6	9.6	31.0	0.2	250	390			8.0
01S08W09D01	1902604	7/13/95									39.7					
01S08W09D01	1902604	7/21/95	52.1	7.6	38.5	1.9	162.0	52.0	18.7	44.7	0.3	296	478	133	154	7.8
01S08W09D01	1902604	10/5/95									37.0					
01S08W09E05	1902095	11/4/87									43.0					
01S08W09E05	1902095	3/21/89	58.8	5.0	26.4	1.8	139.2	54.2	12.4	43.6	0.2	267	460	114	167	7.6
01S08W09E05	1902095	2/5/92	74.5	15.1	21.4	1.6	153.7	83.7	26.5	58.1	0.1	344	620	126	248	7.8
01S08W09E05	1902095	2/2/94									35.1					
01S08W09E05	1902095	5/4/94									48.4					
01S08W09E05	1902095	8/3/94									51.6					
01S08W09E05	1902095	11/2/94									50.6					
01S08W09E05	1902095	2/5/92	74.5	15.1	21.4	1.6	153.7	83.7	26.5	58.1	0.1	344	620			7.8
01S08W09G01		10/14/87	67.8	3.8	10.8	1.7	193.0	26.8	4.9	9.1	0.2	280	410	158	185	8.0
01S08W09G01		6/20/90	62.3	11.6	9.4	2.1	207.9	31.4	10.3	12.6	0.4	261	450	170	203	7.8
01S08W09G01		8/24/90	47.6	22.2	9.4	2.3	205.9	32.1	10.1	13.8	0.3	279	450	169	210	7.9
01S08W09G01		2/5/92	59.3	17.5	9.1	1.7	201.5	37.6	14.7	15.0	0.2	238	470	165	220	7.7
01S08W09G01		2/2/94									20.6					

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W09G01		2/5/92	59.3	17.5	9.1	1.7	201.5	37.6	14.7	15.0	0.2	238	470			7.7
01S08W09L03	9990072	3/21/89	66.5	10.5	21.2	2.4	177.3	59.5	18.0	40.3	0.2	323	530	145	209	7.7
01S08W09L03	9990072	2/5/92	80.9	18.0	10.0	1.9	256.2	54.5	18.3	22.0	0.2	311	610	210	276	7.6
01S08W09L03	9990072	1/19/94								27.4						
01S08W09L03	9990072	2/2/94								23.0						
01S08W09L03	9990072	2/5/92	80.9	18.0	10.0	1.9	256.2	54.5	18.3	22.0	0.2	311	610			7.6
01S08W09L04	1902211	10/14/87	66.3	7.5	13.6	1.8	172.1	33.5	8.3	40.0	0.2	307	450	141	196	7.9
01S08W09L04	1902211	6/20/90	55.6	11.3	12.0	1.5	176.7	28.2	8.3	33.7	0.3	248	420	145	185	7.9
01S08W09L04	1902211	2/12/92	61.7	7.1	12.8	1.4	168.4	28.2	9.3	33.0	0.2	223	420	138	183	7.8
01S08W09L04	1902211	2/9/94								34.6						
01S08W09L04	1902211	5/11/94								36.4						
01S08W09L04	1902211	8/10/94								39.2						
01S08W09L04	1902211	11/9/94								21.0						
01S08W09L04	1902211	5/10/95								36.5						
01S08W09L04	1902211	8/9/95								37.2						
01S08W09L04	1902211	11/8/95								39.0						
01S08W09L04	1902211	2/12/92	61.7	7.1	12.8	1.4	168.4	28.2	9.3	33.0	0.2	223	420			7.8
01S08W09M03	1902216	11/4/87								53.0						
01S08W09M03	1902216	8/24/90	41.2	16.3	48.3	2.8	132.7	46.2	76.8	15.5	0.2	336	570	109	170	7.9
01S08W09M03	1902216	2/19/92	83.3	12.6	9.8	1.5	195.2	56.7	13.9	38.9	0.1	297	550	160	260	7.8
01S08W09M03	1902216	1/19/94								38.7						
01S08W09M03	1902216	2/16/94								34.9						
01S08W09M03	1902216	3/16/94								32.5						
01S08W09M03	1902216	4/20/94								40.3						
01S08W09M03	1902216	5/18/94								30.0						
01S08W09M03	1902216	6/15/94								38.3						
01S08W09M03	1902216	7/20/94								35.8						
01S08W09M03	1902216	8/17/94								39.2						
01S08W09M03	1902216	9/21/94								38.4						
01S08W09M03	1902216	10/19/94								37.1						
01S08W09M03	1902216	11/23/94								12.5						
01S08W09M03	1902216	12/21/94								38.9						
01S08W09M03	1902216	1/18/95								40.5						
01S08W09M03	1902216	2/15/95								32.0						
01S08W09M03	1902216	3/15/95								39.7						
01S08W09M03	1902216	4/19/95								37.1						
01S08W09M03	1902216	5/17/95								37.8						
01S08W09M03	1902216	6/21/95								37.8						
01S08W09M03	1902216	7/19/95								39.4						
01S08W09M03	1902216	10/18/95								29.9						
01S08W09M03	1902216	11/15/95								35.4						



**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umha/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W09M03	1902216	12/20/95	92.9	14.6	16.3	1.9	219.1	66.7	28.0	37.5	0.1	363	630	180	292	7.8
01S08W09M03	1902216	1/17/96								39.4						
01S08W09M03	1902216	2/19/92	83.3	12.6	9.8	1.5	195.2	56.7	13.9	38.9	0.1	297	550			7.8
01S08W09R01		3/21/89	54.8	6.3	12.4	1.6	185.8	14.8	7.3	19.9	-0.1	229	375	152	163	7.6
01S08W09R01		2/12/92	11.9	0.6	47.0	0.8	122.0	23.2	8.7	9.4	0.2	152	290	100	32	8.8
01S08W09R01		3/4/92								14.3	0.1					
01S08W09R01		3/11/92								13.2	0.3					
01S08W09R01		3/18/92								11.8	0.3					
01S08W09R01		3/25/92								13.9	0.1					
01S08W09R01		2/9/94								18.2						
01S08W09R01		12/20/95	54.5	4.6	21.3	1.8	165.9	28.3	7.0	23.5	-0.1	223	390	136	152	8.1
01S08W09R01		2/12/92	11.9	0.6	47.0	0.8	122.0	23.2	8.7	9.4	0.2	152	290			8.8
01S08W10B01	1902220	8/24/90	42.8	5.5	23.3	1.6	164.5	21.0	6.2	16.6	0.4	205	360	135	130	7.9
01S08W10B01	1902220	2/5/92	41.6	3.9	26.4	1.2	160.1	24.9	8.1	16.6	-0.1	188	360	131	120	7.9
01S08W10B01	1902220	2/2/94								15.5						
01S08W10B01	1902220	2/5/92	41.6	3.9	26.4	1.2	160.1	24.9	8.1	16.6	-0.1	188	360			7.9
01S08W10N01	1902014	3/21/89	54.8	10.2	6.4	2.2	179.0	28.1	5.2	18.7	0.2	242	410	141	179	7.6
01S08W10N01	1902014	2/12/92	45.7	5.2	20.7	1.7	161.0	23.2	8.7	13.7	0.1	185	370	132	135	7.8
01S08W10N01	1902014	2/9/94								20.8						
01S08W10N01	1902014	12/20/95	56.7	5.5	17.1	1.8	174.2	26.2	4.9	21.2	0.1	219	380	143	167	8.2
01S08W10N01	1902014	2/12/92	45.7	5.2	20.7	1.7	161.0	23.2	8.7	13.7	0.1	185	370			7.8
01S08W10N03	1902016	3/21/89	52.5	7.7	15.0	2.1	170.6	38.4	4.6	16.1	0.2	254	410	140	163	7.4
01S08W10N03	1902016	2/19/92	68.2	12.5	7.3	1.8	215.7	31.5	10.1	11.3	0.2	231	460	177	220	7.7
01S08W10N03	1902016	2/28/94								19.6						
01S08W10N03	1902016	12/20/95	62.3	9.0	12.7	1.8	200.1	29.3	5.1	20.5	0.1	239	440	164	212	7.9
01S08W10N03	1902016	2/19/92	68.2	12.5	7.3	1.8	215.7	31.5	10.1	11.3	0.2	231	460			7.7
01S08W10N15	1902013	3/21/89	54.8	7.6	22.4	1.9	180.1	44.8	2.9	17.7	0.2	258	445	148	168	7.3
01S08W10N15	1902013	2/5/92	50.5	9.7	14.6	1.4	178.1	24.7	7.9	15.2	0.1	197	390	146	166	7.7
01S08W10N15	1902013	2/2/94								16.0						
01S08W10N15	1902013	2/5/92	50.5	9.7	14.6	1.4	178.1	24.7	7.9	15.2	0.1	197	390			7.7
01S08W11J01	3600862	5/1/87	83.4	15.0	10.9	3.4	203.5	49.1	5.3	86.7	0.8	367	600	167	263	8.1
01S08W11J01	3600862	7/8/88	76.4	8.3	16.3	1.7	197.0	31.9	6.2	55.6	0.2	295	520	162	225	7.9
01S08W11J01	3600862	3/15/90	81.2	17.3	11.4	2.6	204.0	52.5	9.1	86.8	0.2	366	620	167	274	7.9
01S08W11J01	3600862	1/15/91	78.5	23.0	12.0	2.3	302.6	53.3	11.0	3.8	0.2	372	630	248	291	7.8
01S08W11J01	3600862	7/29/92	68.9	18.2	15.9	2.4	178.1	55.7	9.1	89.7	0.3	333	580	146	247	7.9
01S08W11J01	3600862	2/2/93	56.9	36.9	13.1	2.2	217.2	55.7	10.7	96.0	0.3	361	630	178	294	7.9
01S08W11J01	3600862	4/11/94	44.5	28.4	32.9	2.4	214.7	47.1	7.4	86.4	0.2	358	620	176	228	7.9
01S08W11J01	3600862	5/11/94								88.0						
01S08W11J01	3600862	8/8/94								77.7						
01S08W11J01	3600862	12/11/94								88.5						
01S08W11J01	3600862	12/29/94								80.0						

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH		
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)	
01S08W11J01	3600862	3/28/95									84.9						
01S08W11J01	3600862	4/26/95	72.1	16.1	14.8	2.3	187.9	55.4	11.0		76.2	0.2	344	610	154	276	7.8
01S08W11J01	3600862	7/18/95									106.0						
01S08W11J01	3600862	4/21/92									81.6						
01S08W11R01	3600359	8/7/84	89.7	16.7	14.0	2.5		55.0	12.0		107.0	0.4		660	160	296	7.8
01S08W11R01	3600359	8/15/85	87.9	14.6	11.9	1.8	208.0	57.0	9.0		76.0	0.2	380	600	170	276	7.8
01S08W11R01	3600359	12/22/86									83.8	0.4					
01S08W11R01	3600359	7/8/88	81.5	13.6	15.3	1.9	201.5	43.1	7.7		74.8	-0.1	333	590	169	260	7.8
01S08W11R01	3600359	1/15/91	90.7	16.5	12.8	2.4	308.4	52.6	11.5		2.7	0.2	365	630	253	294	7.7
01S08W11R01	3600359	7/29/92	62.5	24.8	14.7	2.4	168.8	55.6	9.4		92.4	0.3	331	630	138	258	7.9
01S08W11R01	3600359	5/25/93	95.8	14.3	16.4	2.4	219.6	55.8	11.5		94.0	0.3	399	640	180	298	7.8
01S08W11R01	3600359	4/11/94	48.9	22.3	38.0	2.4	219.1	48.3	6.8		87.6	0.2	366	620	180	214	7.9
01S08W11R01	3600359	5/31/94									32.2						
01S08W11R01	3600359	8/8/94									93.3						
01S08W11R01	3600359	12/11/94									91.8						
01S08W11R01	3600359	12/29/94									100.0						
01S08W11R01	3600359	3/28/95									92.5						
01S08W11R01	3600359	6/5/95									105.0						
01S08W11R01	3600359	7/18/95									110.0						
01S08W11R01	3600359	12/11/95	52.1	25.0	43.7	2.7	216.7	58.5	12.4		92.8	0.7	394	630	178	234	7.9
01S08W11R01	3600359	4/21/92									87.3						
01S08W12K01	3600807	8/15/85	79.8	17.3	17.3	2.1	178.0	63.0	14.0		102.0	0.4	384	625	146	272	7.8
01S08W12M01	3600180	8/7/84	70.4	18.5	16.9	2.3		49.0	14.0		98.0	0.4		575	141	268	7.8
01S08W12M01	3600180	8/15/85	73.1	17.2	17.3	1.6	212.0	52.0	7.7		69.0	0.3	342	590	174	250	7.9
01S08W12M01	3600180	12/22/86									53.4	0.3					
01S08W12M01	3600180	5/24/89	77.4	18.0	24.8	3.6	192.5	73.4	49.7		13.7	0.3	377	650	158	267	7.8
01S08W12M01	3600180	1/15/91	44.9	29.2	13.4	2.5	185.4	48.9	10.2		68.7	0.2	307	530	152	232	7.8
01S08W12M01	3600180	7/29/92	60.6	31.8	16.3	2.4	214.7	55.8	10.2		92.7	0.3	358	640	176	282	8.0
01S08W12M01	3600180	2/2/93	59.8	31.3	13.5	2.2	195.2	56.3	11.1		101.0	0.3	356	640	160	278	8.0
01S08W12M01	3600180	4/11/94	60.1	30.6	13.4	2.3	214.7	48.7	9.8		84.0	0.2	347	620	176	276	7.9
01S08W12M01	3600180	5/11/94									76.8						
01S08W12M01	3600180	8/8/94									79.8						
01S08W12M01	3600180	12/11/94									87.6						
01S08W12M01	3600180	12/29/94									86.4						
01S08W12M01	3600180	3/28/95									87.6						
01S08W12M01	3600180	4/27/95	89.7	16.4	14.9	2.4	234.2	48.6	7.3		63.9	0.2	371	620	192	291	7.8
01S08W12M01	3600180	7/18/95									106.4						
01S08W12M01	3600180	4/21/92									87.9						
01S08W13P01	3601779	5/11/88	43.0	10.0	19.0	1.0	192.0	12.0	8.0		19.0	0.3	240	380	158	149	8.2
01S08W14A03		7/15/85	65.2	13.1	11.7	2.5		51.0	9.1		70.1	0.3	358	535	165	217	7.6
01S08W14A03		6/28/95									87.9						

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)							
01S08W14A03		7/5/95																75.2
01S08W14A03		1/16/96																69.8
01S08W14D01	3601358	7/15/85	35.6	5.0	19.5	1.9			12.8	4.8								16.6
01S08W14D01	3601358	8/18/89	38.4	4.6	39.4				15.2	9.1								19.8
01S08W14D01	3601358	4/6/94																23.9
01S08W14D01	3601358	5/4/94																37.6
01S08W14D01	3601358	6/1/94																24.4
01S08W14D01	3601358	7/6/94																22.2
01S08W14D01	3601358	8/3/94																24.1
01S08W14D01	3601358	9/7/94																21.8
01S08W14D01	3601358	10/5/94																24.8
01S08W14D01	3601358	11/2/94																24.5
01S08W14D01	3601358	12/7/94																26.3
01S08W14D01	3601358	1/4/95																26.3
01S08W14D01	3601358	2/1/95																23.7
01S08W14D01	3601358	3/1/95																28.2
01S08W14D01	3601358	4/5/95																27.3
01S08W14D01	3601358	5/3/95																23.5
01S08W14D01	3601358	5/11/95	43.3	6.5	21.7	1.7		161.0	21.0	6.8								27.5
01S08W14D01	3601358	6/7/95											0.2	208	370	132	140	26.5
01S08W14D01	3601358	7/5/95																23.6
01S08W14D01	3601358	8/2/95																23.6
01S08W14D01	3601358	10/4/95																27.5
01S08W14D01	3601358	11/1/95																23.1
01S08W14D01	3601358	12/5/95																24.4
01S08W14D01	3601358	1/3/96																25.2
01S08W14N01	3601363	7/15/85	46.0	7.1	22.9	2.2			20.9	12.8								261
01S08W14N01	3601363	7/17/89	48.8	5.8	21.9			20.9	11.4	20.5			7.9		23	130	144	7.7
01S08W14N01	3601363	4/6/94													264	132	145	421.0
01S08W14N01	3601363	5/4/94																54.3
01S08W14N01	3601363	6/1/94																60.6
01S08W14N01	3601363	7/20/94																65.1
01S08W14N01	3601363	8/3/94																64.5
01S08W14N01	3601363	9/7/94																61.6
01S08W14N01	3601363	10/5/94																57.6
01S08W14N01	3601363	11/2/94																58.8
01S08W14N01	3601363	12/7/94																61.5
01S08W14N01	3601363	1/12/95																59.7
01S08W14N01	3601363	2/1/95																67.8
01S08W14N01	3601363	3/1/95																55.0
01S08W14N01	3601363	4/5/95																62.0
01S08W14N01	3601363	4/5/95																64.8

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W14N01	3601363	5/18/95	47.7	11.8	18.5	1.9	183.0	36.2	15.1	9.5	0.2	231	410	150	216	8.2
01S08W14N01	3601363	6/14/95								61.0						
01S08W14N01	3601363	7/5/95								56.4						
01S08W14N01	3601363	8/2/95								62.2						
01S08W14N01	3601363	10/4/95								55.2						
01S08W14N01	3601363	11/1/95								58.8						
01S08W14N01	3601363	12/5/95								60.4						
01S08W14N01	3601363	1/5/96								66.0						
01S08W15D01	1903113	3/4/87	73.1	5.2	13.8	2.2	148.5	46.3	31.9	19.7	0.3	280	480	122	203	8.0
01S08W15D01	1903113	4/25/89	64.9	12.4	15.5	1.8	151.0	45.0	34.7	21.9	0.2	305	500	124	213	7.8
01S08W15D01	1903113	4/8/92	56.0	8.9	17.2	1.9	144.0	32.2	40.1	14.3	0.2	259	435	118	180	7.4
01S08W15D01	1903113	10/11/93	53.9	7.1	19.2	1.5	139.0	38.7	25.8	14.2	0.3	246	369	114	158	7.8
01S08W15D01	1903113	10/13/94								13.8						
01S08W15D01	1903113	12/5/90								14.6		222				
01S08W15D01	1903113	2/2/95								12.2						
01S08W15D01	1903113	3/4/91	60.8	8.0	14.0	1.5	143.0	39.9	28.7	15.5	0.2	237	365			7.7
01S08W15D01	1903113	7/21/95	54.7	9.4	17.0	1.7	143.0	36.6	31.7	12.5	0.3	260	415	117	168	7.8
01S08W15D01	1903113	1/22/96								15.1						
01S08W15H01	3601359	7/15/85	54.0	7.8	17.4	2.2		28.0	14.4	55.7	0.2	288	457	138	167	7.6
01S08W15H01	3601359	7/17/89	61.6	9.3	22.8			34.9	22.1	57.0	0.2	320	508	136	191	7.8
01S08W15H01	3601359	4/6/94								37.7						
01S08W15H01	3601359	5/4/94								36.4						
01S08W15H01	3601359	6/1/94								47.7						
01S08W15H01	3601359	7/6/94								42.2						
01S08W15H01	3601359	8/3/94								33.4						
01S08W15H01	3601359	9/7/94								29.5						
01S08W15H01	3601359	10/5/94								22.9						
01S08W15H01	3601359	11/2/94								28.5						
01S08W15H01	3601359	12/7/94								38.0						
01S08W15H01	3601359	1/4/95								51.8						
01S08W15H01	3601359	2/1/95								34.9						
01S08W15H01	3601359	3/1/95								43.6						
01S08W15H01	3601359	4/5/95								50.3						
01S08W15H01	3601359	5/3/95								48.2						
01S08W15H01	3601359	5/11/95	53.7	13.6	32.0	1.9	173.2	43.5	25.6	53.1	0.2	309	520	142	227	7.9
01S08W15H01	3601359	10/17/95								60.8						
01S08W15H01	3601359	10/20/95								54.6						
01S08W15H01	3601359	11/2/95								24.6						
01S08W15H01	3601359	12/5/95								56.2						
01S08W15H01	3601359	1/5/96								60.4						
01S08W15J01	3601367	7/15/85	53.4	10.6	10.7	2.1		34.7	22.1			301	446	119	177	7.7

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W15J01	3601367	10/2/86	58.3	11.1	10.0	1.6	119.0	41.1	25.4	26.1	0.3	290	464	119	191	8.0	
01S08W15J01	3601367	7/17/89	56.9	8.1	16.5			34.6	29.0	19.2	0.2	312	476	123	175	7.7	
01S08W15J01	3601367	3/16/94								30.4							
01S08W15J01	3601367	6/3/94								17.5							
01S08W15J01	3601367	7/6/94								28.6							
01S08W15J01	3601367	8/3/94								32.8							
01S08W15J01	3601367	9/7/94								21.1							
01S08W15J01	3601367	10/5/94								21.0							
01S08W15J01	3601367	11/2/94								32.8							
01S08W15J01	3601367	12/7/94								36.3							
01S08W15J01	3601367	1/4/95								27.1							
01S08W15J01	3601367	2/1/95								25.3							
01S08W15J01	3601367	3/1/95								27.6							
01S08W15J01	3601367	4/5/95								26.6							
01S08W15J01	3601367	5/3/95								22.8							
01S08W15J01	3601367	5/11/95	72.1	13.8	12.5	1.8	156.2	50.7	52.2	28.8	0.2	309	540	128	242	7.9	
01S08W15J01	3601367	6/7/95								34.5							
01S08W15J01	3601367	7/5/95								37.4							
01S08W15J01	3601367	8/2/95								36.8							
01S08W15J01	3601367	10/4/95								35.2							
01S08W15J01	3601367	11/1/95								36.9							
01S08W15J01	3601367	12/5/95								37.4							
01S08W15J01	3601367	1/3/96								38.3							
01S08W15P02	3601764	10/14/87	62.6	10.2	16.9	2.0	160.0	37.2	29.9	17.6	0.2	303	470	131	198	8.1	
01S08W15P02	3601764	3/21/89	61.5	10.5	18.4	1.8	174.0	32.8	37.8	15.1	0.3	289	490	143	197	7.6	
01S08W15P02	3601764	2/5/92	56.9	14.1	10.7	1.2	141.5	35.6	38.7	12.3	0.1	225	470	116	200	7.9	
01S08W15P02	3601764	2/2/94								10.9							
01S08W15P02	3601764	2/5/92	56.9	14.1	10.7	1.2	141.5	35.6	38.7	12.3	0.1	228	470			7.9	
01S08W15P06		7/15/85	25.0	2.1	34.0	1.7		9.9	7.6			177	300	107	71	8.0	
01S08W15P06		7/17/89	29.0	2.5	38.1			29.4	11.9	15.8	0.2	208	344	106	82	8.1	
01S08W15P06		4/6/94								15.7							
01S08W15P06		5/4/94								15.4							
01S08W15P06		6/1/94								16.2							
01S08W15P06		7/6/94								16.5							
01S08W15P06		8/3/94								15.4							
01S08W15P06		9/7/94								16.6							
01S08W15P06		10/5/94								23.6							
01S08W15P06		11/2/94								15.4							
01S08W15P06		12/7/94								17.9							
01S08W15P06		1/4/95								16.6							
01S08W15P06		4/5/95								21.2							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk (mg/l)	T. Hard (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W15P06		5/3/95									16.8						
01S08W15P06		5/11/95	33.3	2.7	36.2	1.5	131.3	34.7	12.5		18.2	0.2	204	350	108	95	8.1
01S08W15P06		6/7/95									19.8						
01S08W15P06		7/5/95									16.3						
01S08W15P06		8/2/95									17.6						
01S08W15P06		10/4/95									16.6						
01S08W15P06		11/1/95									19.6						
01S08W15P06		12/5/95									18.9						
01S08W15P06		1/3/96									18.3						
01S08W15Q03		7/17/89	33.6	3.4	30.2			0.2	13.6		16.7	0.2	240	339	104	98	8.0
01S08W15Q03		3/16/94									5.5						
01S08W15Q03		4/6/94									7.5						
01S08W15Q03		5/4/94									9.7						
01S08W15Q03		6/1/94									11.1						
01S08W15Q03		7/6/94									11.0						
01S08W15Q03		8/3/94									11.2						
01S08W15Q03		9/7/94									11.5						
01S08W15Q03		10/5/94									6.7						
01S08W15Q03		11/2/94									6.6						
01S08W15Q03		12/7/94									6.5						
01S08W15Q03		1/4/95									7.0						
01S08W15Q03		2/1/95									6.5						
01S08W15Q03		3/1/95									7.0						
01S08W15Q03		4/5/95									6.9						
01S08W15Q03		5/3/95									12.2						
01S08W15Q03		5/11/95	45.7	7.7	26.5	1.6	124.9	38.9	40.6		13.8	0.2	236	420	102	148	8.0
01S08W15Q03		6/7/95									15.8						
01S08W15Q03		7/5/95									13.9						
01S08W15Q03		8/2/95									11.8						
01S08W15Q03		10/4/95									16.8						
01S08W15Q03		11/1/95									16.2						
01S08W15Q03		12/5/95									19.5						
01S08W15Q03		1/3/96									21.0						
01S08W17K01	9990083	11/15/94									53.1						
01S08W17K01	9990083	10/5/95									51.5						
01S08W17K01	9990083	11/16/95									47.9						
01S08W17K01	9990083	12/4/95									51.2						
01S08W17K02	1901716	3/4/87	51.3	3.7	47.2	1.7	132.7	60.8	16.1		58.1	0.2	295	500	109	138	8.0
01S08W17K02	1901716	4/18/89	44.7	3.9	45.9	1.4	125.7	51.2	13.6		53.1	0.2	271	460	103	128	8.0
01S08W17K02	1901716	4/21/92	40.9	3.2	52.9	1.5	117.0	63.9	17.0		51.2	0.2	332	480	96	118	8.0
01S08W17K02	1901716	10/11/93	46.3	3.8	52.1	1.5	129.0	63.1	17.0		52.6	0.2	294	435	106	128	7.8

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W17K02	1901716	10/14/93	45.8	3.6	48.2	1.5	127.0	62.1	17.1	55.2	0.2	304	430	104	128	7.8
01S08W17K02	1901716	10/13/94								57.9						
01S08W17K02	1901716	3/4/91	44.8	3.2	51.7	1.0	127.0	59.4	16.2	59.2	0.2	275	515			7.8
01S08W17K02	1901716	4/25/95								54.4						
01S08W17K02	1901716	6/26/95	41.0	3.2	53.0	1.6	122.0	67.0	17.0	57.2	0.1	320	480	100	116	8.0
01S08W17K02	1901716	7/20/95								54.4						
01S08W17K02	1901716	10/10/95								55.4						
01S08W17K02	1901716	11/16/95								50.0						
01S08W17K02	1901716	12/20/95								53.4						
01S08W17P04	9990084	3/10/92	99.4	17.0	22.3	1.6	234.0	88.7	21.7	53.2	0.3	377	586	192	305	7.7
01S08W17P04	9990084	10/11/93	102.0	16.9	22.5	1.8	228.0	95.6	22.5	54.6	0.3	420	627	187	324	7.6
01S08W17P04	9990084	10/13/94								57.7						
01S08W17P04	9990084	4/25/95								52.1						
01S08W17P04	9990084	8/16/95	102.0	19.4	19.4	1.7	240.0	92.1	20.8	51.1		435	708	197	346	7.8
01S08W17P04	9990084	10/10/95								52.4						
01S08W17P04	9990084	11/16/95								47.1						
01S08W17P04	9990084	12/20/95								50.5						
01S08W18J02	1901711	3/4/87	48.0	4.5	18.7	2.1	166.8	52.3	11.7	48.1	0.3	265	500	137	139	7.7
01S08W18J02	1901711	4/25/89	48.5	12.0	28.0	1.6	156.0	61.2	12.4	31.9	0.2	270	450	128	170	8.0
01S08W18J02	1901711	8/10/92	32.8	3.2	70.0	1.5	144.0	56.4	14.8	51.0	0.2	304	481	118	95	7.9
01S08W18J02	1901711	10/11/93	34.7	2.5	71.3	1.6	140.0	57.6	15.4	56.6	0.3	307	451	115	94	8.0
01S08W18J02	1901711	3/19/91	32.7	3.0	67.9	1.4	132.0	58.2	14.0	57.3	0.3	310	480			8.0
01S08W18J02	1901711	5/11/95						43.6	23.1	50.7			533			7.7
01S08W18J02	1901711	6/26/95	36.0	2.7	63.0	1.6	140.0	56.0	15.0	57.2	0.2	310	485	115	101	8.2
01S08W18J02	1901711	7/20/95								58.2						
01S08W18J02	1901711	10/5/95								57.9						
01S08W18J02	1901711	11/13/95								56.0						
01S08W18J02	1901711	12/4/95								55.7						
01S08W20C01	1903135	3/10/92	45.4	5.8	49.6	1.1	154.0	57.2	13.1	42.3	0.3	285	400	126	143	7.8
01S08W20C01	1903135	12/2/93	115.0	19.5	20.7	1.4	231.0	125.0	26.0	77.1	0.3	454	692	189	358	7.6
01S08W20C01	1903135	10/13/94								47.3						
01S08W20C01	1903135	3/11/91	52.4	6.3	47.0	3.9	146.0	67.0	15.7	52.1	0.3	340	520			7.8
01S08W20C01	1903135	4/25/95								42.5						
01S08W20C01	1903135	8/16/95	67.7	11.0	41.2	1.1	176.0	74.2	19.2	58.4	0.3	358	592	144	216	7.8
01S08W21R01		4/18/89	12.5	4.7	46.4	1.0	106.1	48.4	4.8	4.1	0.4	177	300	87	50	8.2
01S08W21R01		5/5/92	18.4	1.5	38.6	1.5	114.7	23.0	5.6	6.8	0.3	145	258	94	52	8.1
01S08W21R01		12/2/93	44.3	3.7	34.0	1.9	143.0	38.4	24.8	19.7	0.3	245	367	117	128	7.7
01S08W21R01		10/13/94								12.1						
01S08W21R01		2/6/95								6.2						
01S08W21R01		3/5/91	23.0	1.5	37.1	1.0	127.0	23.9	8.1	9.0	0.3	190	315			7.8
01S08W21R01		6/26/95	16.0	1.2	46.0	1.4	110.0	24.0	5.7	6.6	0.4	170	265	91	45	8.6

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W23A03	3601362	7/15/85	74.0	14.2	14.5	2.4		46.3	15.5			414	622	154	243	7.6
01S08W23A03	3601362	7/17/89	90.1	12.4	24.4			55.7	17.6		119.0	520	645	158	275	7.8
01S08W25Q02	3602051	5/16/84	40.0	8.0	23.0	2.0		11.0	11.0		16.0	350	350	143	134	7.5
01S08W25Q02	3602051	4/2/87	42.0	8.0	21.0	2.0	180.0	10.0	5.0		14.0	210	350	148	139	7.8
01S08W25Q02	3602051	6/30/88	50.0	8.0	20.0	2.0	189.0	12.0	6.0		20.0	225	370	155	159	7.8
01S08W25Q02	3602051	5/2/89	44.0	8.0	20.0	2.0	189.0	12.0	6.0		18.0	225	360	155	144	7.9
01S08W25Q02	3602051	8/13/92	45.0	8.0	22.0	2.0	180.0	17.0	8.0		24.0	210	330	148	146	7.8
01S08W25Q02	3602051	1/18/94	42.0	8.0	21.0	2.0	177.0	13.0	5.0		23.0	230	360	145	159	7.9
01S08W25Q02	3602051	5/23/94									25.0					
01S08W25Q02	3602051	2/8/95	39.0	6.0	23.0	2.0	165.0	11.0	7.0		19.0	215	360	135	123	8.1
01S08W25Q02	3602051	8/14/95									25.3					
01S08W25Q02	3602051	10/25/95									24.0					
01S08W25Q05		10/25/90									18.0	215				
01S08W25Q05		8/20/91	42.0	8.0	21.0	2.0		13.0	5.0		20.0	195	360			7.7
01S08W26B01	3601354	7/15/85	80.4	13.6	12.3	2.3		34.1	18.4			464	648	148	257	7.6
01S08W26B01	3601354	7/17/89	105.0	15.4	25.2			55.6	25.0			552	735	160	324	7.9
01S08W26B01	3601354	4/6/94										127.0				
01S08W26B01	3601354	5/4/94										124.4				
01S08W26B01	3601354	6/1/94										115.5				
01S08W26B01	3601354	7/6/94										124.8				
01S08W26B01	3601354	8/3/94										132.0				
01S08W26B01	3601354	9/7/94										122.0				
01S08W26B01	3601354	10/5/94										121.5				
01S08W26B01	3601354	11/2/94										122.0				
01S08W26B01	3601354	12/7/94										132.0				
01S08W26B01	3601354	1/4/95										132.6				
01S08W26B01	3601354	2/1/95										126.0				
01S08W26B01	3601354	3/1/95										121.8				
01S08W26B01	3601354	4/5/95										128.0				
01S08W26B01	3601354	5/3/95										120.0				
01S08W26B01	3601354	5/11/95	70.5	15.0	23.8	1.9	194.7	59.9	16.5		63.6	347	590	160	299	7.8
01S08W26B01	3601354	6/7/95										132.0				
01S08W26B01	3601354	7/5/95										139.0				
01S08W26B01	3601354	8/2/95										134.0				
01S08W26B01	3601354	10/4/95										124.5				
01S08W26B01	3601354	11/1/95										126.6				
01S08W26H01		4/11/89	146.4	20.3	24.2	2.0	287.3	148.0	45.3		58.5	626	1010	236	449	7.6
01S08W26H02	0600482	11/17/89	45.0	7.5	17.3	1.6	173.7	15.7	4.3		30.2	224	380	142	143	7.6
01S08W26H02	0600482	9/10/90	45.7	17.4	16.3	1.9	190.3	15.8	8.7		44.0	249	430	156	186	7.8
01S08W26H02	0600482	9/9/91	46.8	13.8	19.6	1.6	198.1	20.0	8.8		43.5	236	420	162	174	8.0
01S08W26H02	0600482	9/2/92	46.5	10.7	22.6	1.2	175.7	19.7	7.9		40.5	221	400	144	160	8.0



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W26H02	0600482	9/2/93	46.5	12.6	23.2	1.8	183.5	18.7	10.7	40.3	0.2	244	430	150	168	8.0	
01S08W26H02	0600482	3/17/94								40.3							
01S08W26H02	0600482	5/26/94								41.7							
01S08W26H02	0600482	8/11/94	46.5	8.8	24.2	1.7	175.7	17.2	15.5	15.9	0.2	216	420	144	164	8.1	
01S08W26H02	600482	9/10/90								44.0		249					
01S08W26H02	0600482	11/15/94								45.7							
01S08W26H02	0600482	12/1/94								49.2							
01S08W26H02	0600482	2/23/95								43.0							
01S08W26H02	0600482	3/30/95								46.4	0.2						
01S08W26H02	0600482	5/4/95								45.0							
01S08W26H02	0600482	8/3/95	48.9	10.7	24.9	1.8	173.7	20.8	8.8	53.7	0.2	255	430	142	182	8.2	
01S08W26H02	600482	9/9/91	46.8	13.8	19.6	1.6	198.1	20.0	8.8	43.5	0.2		420			8.0	
01S08W26H02	0600482	10/5/95								44.4							
01S08W26H02	0600482	12/7/95								57.0							
01S08W26H02	0600482	1/18/96								52.4							
01S08W27H01	3601361	4/18/89	160.2	13.3	44.4	2.6	320.4	202.4	45.5	21.6	0.6	678	1130	263	455	7.7	
01S08W27H01	3601361	4/21/92	143.0	29.7	39.7	2.7	342.0	195.0	45.5	20.2	0.6	740	1010	280	489	7.4	
01S08W27H01	3601361	12/2/93	56.5	21.6	70.6	3.6	112.0	184.0	83.4	4.4	0.4	440	670	92	221	7.6	
01S08W27H01	3601361	10/13/94								19.4							
01S08W27H01	3601361	2/2/95								24.7							
01S08W27H01	3601361	6/26/95	125.0	30.0	36.0	2.3	323.0	185.0	40.0	19.8	0.3	640	970	265	435	7.3	
01S08W28E01	1901715	3/4/87	105.4				181.5	63.8	22.7	88.7	0.5	367	650	149	303	7.8	
01S08W28E01	1901715	4/11/89	85.4	13.7	32.4	2.0	176.2	74.2	42.2	76.8	0.3	427	700	144	270	8.1	
01S08W28E01	1901715	6/2/92	96.6	17.1	13.4	2.1	192.8	78.2	24.6	92.4	0.4	424	697	158	324	7.3	
01S08W28E01	1901715	12/9/92								91.9							
01S08W28E01	1901715	2/5/93								85.7							
01S08W28E01	1901715	3/9/93								76.7							
01S08W28E01	1901715	4/13/93								71.1							
01S08W28E01	1901715	5/11/93								71.0							
01S08W28E01	1901715	9/8/93								81.8							
01S08W28E01	1901715	10/7/93								75.6							
01S08W28E01	1901715	10/19/93	90.2	16.5	14.2	2.0	196.0	56.9	25.6	78.1	0.4	375	607	161	290	7.6	
01S08W28E01	1901715	11/3/93								78.8							
01S08W28E01	1901715	12/6/93								73.8							
01S08W28E01	1901715	1/5/94								71.3							
01S08W28E01	1901715	2/1/94								62.8							
01S08W28E01	1901715	4/11/94								77.5							
01S08W28E01	1901715	5/4/94							67.9	79.3							
01S08W28E01	1901715	6/13/94								71.7							
01S08W28E01	1901715	7/7/94								63.4							
01S08W28E01	1901715	8/11/94								62.4							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
01S08W28E01	1901715	10/4/94									63.2					
01S08W28E01	1901715	1/12/95									77.9					
01S08W28E01	1901715	2/2/95									63.9					
01S08W28E01	1901715	3/12/91	93.7	14.8	12.4	1.4	195.0	65.1	21.5	87.7	0.3	400	590			8.0
01S08W28E01	1901715	4/5/95									72.4					
01S08W28E01	1901715	5/19/95									67.2					
01S08W28E01	1901715	6/2/95									66.0					
01S08W28E01	1901715	6/6/95	83.1	16.5	13.7	2.0	198.0	52.3	25.2	64.0	0.2	366	593	162	275	7.7
01S08W28E01	1901715	7/6/95									60.6					
01S08W28E01	1901715	8/7/95									65.1					
01S08W28E01	1901715	9/8/95									60.7					
01S08W28E01	1901715	10/2/95									72.6					
01S08W28E01	1901715	11/6/95									54.4					
01S08W28E01	1901715	12/4/95									54.1					
01S08W28E02	1901714	3/4/87	98.5	16.9	10.9	2.6	197.8	67.8	22.9	97.7	0.4	407	700	161	320	7.8
01S08W28E02	1901714	5/2/89	111.7	9.6	13.4	1.6	187.4	73.5	27.5	94.9	0.6	440	710	154	318	7.6
01S08W28E02	1901714	2/5/93									60.5					
01S08W28E02	1901714	3/9/93									50.0					
01S08W28E02	1901714	4/13/93									42.6					
01S08W28E02	1901714	5/11/93									41.3					
01S08W28E02	1901714	9/8/93									49.3					
01S08W28E02	1901714	10/7/93									46.9					
01S08W28E02	1901714	10/11/93	65.6	9.1	1.7	21.7	165.0	43.6	20.2	43.7	0.3	291	424	135	195	7.7
01S08W28E02	1901714	11/3/93									45.5					
01S08W28E02	1901714	12/6/93									38.3					
01S08W28E02	1901714	4/11/94									48.7					
01S08W28E02	1901714	5/3/94									37.3					
01S08W28E02	1901714	6/13/94									35.5					
01S08W28E02	1901714	1/4/95									47.7					
01S08W28E02	1901714	1/15/91									78.2					
01S08W28E02	1901714	3/19/91	100.8	16.7	11.9	2.3	198.0	71.7	26.0	81.3	0.4	410	670			7.5
01S08W28E02	1901714	4/5/95									39.7					
01S08W28E02	1901714	5/4/95									39.1					
01S08W28E02	1901714	6/2/95									39.8					
01S08W28E02	1901714	6/6/95	59.0	9.9	20.7	1.9	161.0	40.2	21.2	38.2	0.2	272	461	132	191	7.7
01S08W28E02	1901714	7/6/95									38.8					
01S08W28E02	1901714	8/7/95									37.6					
01S08W28E02	1901714	9/8/95									35.0					
01S08W28E02	1901714	10/2/95									34.7					
01S08W28E02	1901714	11/1/95									34.2					
01S08W28E02	1901714	12/20/95									31.2					

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W28F01	1903016	3/4/87	89.8	6.6	13.5	2.5	173.6	53.1	31.2	45.7	0.4	335	575	142	257	7.8
01S08W28F01	1903016	5/2/89	95.2	11.7	9.6	1.6	181.8	62.8	38.5	42.5	0.3	397	630	149	286	7.7
01S08W28F01	1903016	4/7/92	82.3	14.5	13.5	2.3	188.0	56.7	28.3	57.9	0.2	368	578	154	272	7.4
01S08W28F01	1903016	2/5/93								45.5						
01S08W28F01	1903016	3/9/93								40.3						
01S08W28F01	1903016	4/13/93								35.5						
01S08W28F01	1903016	5/11/93								30.4						
01S08W28F01	1903016	9/8/93								41.2						
01S08W28F01	1903016	10/7/93								39.1						
01S08W28F01	1903016	10/11/93	77.6	14.3	1.9	12.0	174.0	49.2	28.7	38.8	0.4	302	464	143	265	7.8
01S08W28F01	1903016	11/3/93								37.0						
01S08W28F01	1903016	12/6/93								32.9						
01S08W28F01	1903016	3/14/94								27.0						
01S08W28F01	1903016	4/11/94								39.9						
01S08W28F01	1903016	5/3/94						49.4		33.9						
01S08W28F01	1903016	6/13/94								32.7						
01S08W28F01	1903016	7/7/94								29.6						
01S08W28F01	1903016	8/11/94								28.9						
01S08W28F01	1903016	10/4/94								29.2						
01S08W28F01	1903016	11/28/94								20.1						
01S08W28F01	1903016	12/8/94								30.2						
01S08W28F01	1903016	1/4/95								33.3						
01S08W28F01	1903016	2/2/95								35.3						
01S08W28F01	1903016	3/5/95	80.0	12.2	10.6	1.4	176.0	46.9	31.1	36.3	0.2	325	590			7.3
01S08W28F01	1903016	4/5/95								39.2						
01S08W28F01	1903016	5/4/95								36.1						
01S08W28F01	1903016	5/19/95								38.4						
01S08W28F01	1903016	6/2/95								39.1						
01S08W28F01	1903016	6/6/95	73.1	14.5	10.4	1.8	166.0	39.1	39.1	32.7	0.2	304	520	136	244	7.7
01S08W28F01	1903016	7/13/95								35.6						
01S08W28F01	1903016	8/7/95								35.5						
01S08W28F01	1903016	9/8/95								33.7						
01S08W28F01	1903016	10/2/95								33.6						
01S08W28F01	1903016	11/1/95								33.4						
01S08W28F01	1903016	12/20/95								39.8						
01S08W28F01	1903016	1/23/96								40.0						
01S08W28F02	1901724	3/4/87	102.8	7.7	13.2	2.6	182.0	60.3	26.1	72.4	0.4	380	640	149	286	8.2
01S08W28F02	1901724	6/2/92	89.9	17.1	21.8	2.2	186.7	89.6	35.9	80.0	0.4	444	697	153	304	7.3
01S08W28F02	1901724	2/5/93								82.4						
01S08W28F02	1901724	3/9/93								76.9						
01S08W28F02	1901724	4/13/93								78.5						

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Fluoride (mg/L)
01S08W28F02	1901724	5/11/93									68.0					
01S08W28F02	1901724	10/7/93									83.4					
01S08W28F02	1901724	10/19/93	99.3	18.9	13.3	2.3	206.0	61.6	37.5		0.4	462	685	169	322	7.4
01S08W28F02	1901724	11/3/93														
01S08W28F02	1901724	12/6/93														
01S08W28F02	1901724	1/5/94														
01S08W28F02	1901724	2/1/94														
01S08W28F02	1901724	3/14/94														
01S08W28F02	1901724	4/11/94														
01S08W28F02	1901724	5/3/94						61.5								
01S08W28F02	1901724	6/13/94														
01S08W28F02	1901724	7/7/94														
01S08W28F02	1901724	8/11/94														
01S08W28F02	1901724	10/4/94														
01S08W28F02	1901724	1/23/95														
01S08W28F02	1901724	1/22/91										453				
01S08W28F02	1901724	3/6/91	97.9	16.4	12.8	1.8	205.0	70.6	27.1			450	630			7.6
01S08W28F02	1901724	4/5/95														
01S08W28F02	1901724	8/11/95														
01S08W28F02	1901724	9/8/95	87.7	16.6	11.1	1.8	185.0	55.0	33.0			378	600	152	298	7.4
01S08W28F02	1901724	10/2/95														
01S08W28F02	1901724	11/1/95														
01S08W28F02	1901724	12/4/95														
01S08W28G01	1901713	3/4/87	78.0	13.1	8.6	2.2	165.2	49.1	34.4			310	525	136	253	7.4
01S08W28G01	1901713	4/25/89	84.4	15.3	10.2	1.9	179.0	54.3	35.1			354	610	147	274	7.7
01S08W28G01	1901713	3/12/92	83.2	14.9	9.1	1.7	190.0	41.0	26.1			316	480	156	285	7.8
01S08W28G01	1901713	2/5/93														
01S08W28G01	1901713	3/9/93														
01S08W28G01	1901713	4/13/93														
01S08W28G01	1901713	5/11/93														
01S08W28G01	1901713	9/8/93														
01S08W28G01	1901713	10/7/93														
01S08W28G01	1901713	10/11/93	84.0	14.2	2.1	10.0	194.0	40.4	24.7			323	495	159	261	7.6
01S08W28G01	1901713	11/3/93														
01S08W28G01	1901713	12/6/93														
01S08W28G01	1901713	3/14/94														
01S08W28G01	1901713	4/11/94														
01S08W28G01	1901713	5/4/94						38.8								
01S08W28G01	1901713	6/13/94														
01S08W28G01	1901713	7/7/94														
01S08W28G01	1901713	8/11/94														

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W28G01	1901713	10/4/94									40.1						
01S08W28G01	1901713	11/28/94									44.7						
01S08W28G01	1901713	12/4/90									59.0	316					
01S08W28G01	1901713	12/8/94									44.5						
01S08W28G01	1901713	1/4/95									42.6						
01S08W28G01	1901713	2/2/95									41.9						
01S08W28G01	1901713	3/6/91	89.2	14.6	10.1	2.0	200.0	49.1	30.1		62.9	0.3	400	550			7.5
01S08W28G01	1901713	4/25/95									43.3						
01S08W28G01	1901713	5/19/95									45.8						
01S08W28G01	1901713	6/2/95									41.0						
01S08W28G01	1901713	6/6/95	68.4	14.4	9.2	1.7	177.0	35.2	29.9		36.8	0.2	282	502	145	240	7.6
01S08W28G01	1901713	7/13/95									35.5						
01S08W28G01	1901713	8/7/95									38.0						
01S08W28G01	1901713	9/8/95									37.0						
01S08W28G01	1901713	10/2/95									37.7						
01S08W28G01	1901713	11/1/95									38.9						
01S08W28G01	1901713	12/20/95									37.1						
01S08W28G02	1901719	4/18/89	77.1	15.3	14.6	1.8	171.7	72.0	34.6		34.6	0.4	366	590	141	255	7.9
01S08W28G02	1901719	4/7/92	71.1	13.3	10.7	2.0	180.6	44.7	28.9		41.4	0.2	330	523	148	248	7.4
01S08W28G02	1901719	2/5/93									43.9						
01S08W28G02	1901719	3/9/93									43.5						
01S08W28G02	1901719	10/11/93	77.7	13.0	1.8	9.8	179.0	45.1	24.5		40.0	0.4	306	464	147	255	7.8
01S08W28G02	1901719	11/3/93									40.0						
01S08W28G02	1901719	12/6/93									37.1						
01S08W28G02	1901719	3/14/94									35.2						
01S08W28G02	1901719	4/11/94									51.8						
01S08W28G02	1901719	5/3/94									38.1						
01S08W28G02	1901719	6/13/94								51.9	41.8						
01S08W28G02	1901719	12/8/94									41.5						
01S08W28G02	1901719	1/4/95									37.7						
01S08W28G02	1901719	2/2/95									38.3						
01S08W28G02	1901719	3/4/91	82.4	11.3	9.2	1.6	181.0	48.2	32.4		36.1	0.3	300	470			7.6
01S08W28G02	1901719	4/25/95									30.9						
01S08W28G02	1901719	5/4/95									33.0						
01S08W28G02	1901719	6/2/95									38.4						
01S08W28G02	1901719	7/6/95									34.4						
01S08W28G02	1901719	7/21/95	67.4	13.9	10.2	1.8	176.0	40.1	30.8		33.9	0.3	290	488	144	221	7.7
01S08W28G02	1901719	8/7/95									33.9						
01S08W28L01	1901725	4/11/89	73.6	11.7	14.8	1.8	180.7	36.0	27.9		49.6	0.2	313	540	148	232	8.1
01S08W28L01	1901725	5/5/92	77.3	13.8	14.9	2.1	180.6	51.8	24.3		61.3	0.2	336	555	148	260	7.5
01S08W28L01	1901725	2/5/93									65.0						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W28L01	1901725	3/9/93									59.4						
01S08W28L01	1901725	4/13/93									57.7						
01S08W28L01	1901725	5/11/93									50.6						
01S08W28L01	1901725	11/22/93									62.0						
01S08W28L01	1901725	12/6/93									54.5						
01S08W28L01	1901725	4/20/94									58.2						
01S08W28L01	1901725	5/3/94							34.6		54.5						
01S08W28L01	1901725	6/13/94									52.8						
01S08W28L01	1901725	7/7/94									51.5						
01S08W28L01	1901725	8/11/94									48.7						
01S08W28L01	1901725	10/4/94									50.3						
01S08W28L01	1901725	1/4/95									51.3						
01S08W28L01	1901725	1/15/91									56.4	336					
01S08W28L01	1901725	2/6/95									27.7						
01S08W28L01	1901725	3/11/91	74.0	11.2	14.4	1.5	181.0	40.1	21.0		57.1	0.2	290	460		8.0	
01S08W28L01	1901725	4/25/95									61.4						
01S08W28L01	1901725	5/19/95									57.2						
01S08W28L01	1901725	6/2/95									52.3						
01S08W28L01	1901725	6/6/95	67.3	12.1	13.3	1.8	184.0	30.0	17.2		53.4	0.2	289	482	151	219	7.8
01S08W28L01	1901725	7/6/95									49.5						
01S08W28L01	1901725	8/7/95									51.9						
01S08W28L01	1901725	9/8/95									47.7						
01S08W28L01	1901725	10/2/95									47.2						
01S08W28L01	1901725	11/1/95									48.9						
01S08W28L01	1901725	12/4/95									48.4						
01S08W28M01	1901720	3/5/87	97.6	7.8	11.9	2.5	181.5	51.0	20.4		87.1	0.5	343	600	149	274	8.1
01S08W28M01	1901720	4/11/89	92.0	12.6	24.2	1.9	185.2	62.4	40.4		71.6	0.3	395	670	152	282	8.0
01S08W28M01	1901720	3/17/92	98.7	17.4	13.1	2.4	210.0	61.9	26.5		80.6	0.4	458	605	172	325	8.1
01S08W28M01	1901720	10/28/93	92.7	17.4	16.3	2.4	209.0	64.8	27.5		83.9	0.6	42	630	171	308	7.3
01S08W28M01	1901720	4/20/94									84.2						
01S08W28M01	1901720	10/4/94									80.4						
01S08W28M01	1901720	1/23/95									79.0						
01S08W28M01	1901720	3/19/91	99.1	16.2	12.1	2.0	203.0	62.7	29.0		86.0	0.4	440	670			7.6
01S08W28M01	1901720	4/25/95									79.9						
01S08W28M01	1901720	5/4/95									78.9						
01S08W28M01	1901720	5/18/95									77.8						
01S08W28M01	1901720	6/2/95									78.7						
01S08W28M01	1901720	6/6/95	98.9	18.6	13.1	2.2	220.0	57.0	27.5		80.5	0.3	447	670	180	313	7.7
01S08W28M01	1901720	7/6/95									78.3						
01S08W28M01	1901720	8/7/95									78.4						
01S08W28M01	1901720	9/8/95									73.4						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W28M01	1901720	10/2/95									76.0						
01S08W28M01	1901720	11/1/95									74.7						
01S08W28M01	1901720	12/4/95									75.0						
01S08W28M02	1901721	3/4/87	97.6	7.4	11.9	2.4	182.0	51.8	29.8		72.7	0.4	378	620	149	283	7.7
01S08W28M02	1901721	4/11/89	92.6	12.6	19.8	1.6	187.4	45.3	50.0		80.2	0.8	389	670	154	283	7.9
01S08W28M02	1901721	3/17/92	98.2	17.4	12.8	2.2	210.0	51.3	29.2		85.2	0.4	484	610	172	321	7.7
01S08W28M02	1901721	10/28/93	95.2	17.5	15.2	2.3	204.0	50.2	33.3		97.1	0.5	420	631	167	318	7.4
01S08W28M02	1901721	4/20/94									99.4						
01S08W28M02	1901721	5/3/94						58.8			99.4						
01S08W28M02	1901721	6/13/94									97.7						
01S08W28M02	1901721	7/7/94									91.7						
01S08W28M02	1901721	3/19/91	98.1	16.2	11.6	2.1	195.0	56.0	34.0		94.3	0.4	420	660			7.5
01S08W28M02	1901721	6/16/95									95.9						
01S08W28M02	1901721	6/26/95	110.0	20.0	14.0	2.2	213.0	44.0	42.0		101.2	0.3	500	735	175	357	7.6
01S08W28M02	1901721	7/6/95									96.7						
01S08W28M02	1901721	7/28/95	98.7	18.5	11.7	2.0	211.0	45.1	38.5		94.4	0.3	442	680	173	331	7.6
01S08W28M02	1901721	8/7/95									94.5						
01S08W28M02	1901721	9/8/95									81.6						
01S08W28M02	1901721	10/2/95									83.9						
01S08W28M02	1901721	12/15/95									79.9						
01S08W28M03	1901726	3/6/87	80.6	16.0	13.3	3.2	176.8	53.5	21.8		87.7	0.4	397	610	145	282	7.8
01S08W28M03	1901726	4/11/89	91.0	12.6	24.2	1.6	182.4	68.2	33.4		75.0	0.3	395	670	150	279	8.0
01S08W28M03	1901726	3/17/92	78.4	16.3	12.0	2.0	195.2	48.3	19.6		68.9	0.4	359	532	160	272	7.9
01S08W28M03	1901726	10/28/93	80.8	14.9	15.7	2.2	194.0	48.8	23.4		74.8	0.6	384	573	159	272	7.4
01S08W28M03	1901726	4/20/94									69.1						
01S08W28M03	1901726	5/3/94									70.4						
01S08W28M03	1901726	6/13/94						49.5			80.6						
01S08W28M03	1901726	7/7/94									81.5						
01S08W28M03	1901726	8/11/94									82.1						
01S08W28M03	1901726	10/20/94									84.6						
01S08W28M03	1901726	10/23/90									66.7						
01S08W28M03	1901726	1/23/95									68.3						
01S08W28M03	1901726	3/19/91	90.4	14.6	12.0	1.8	195.0	50.7	23.0		83.3	0.3	400	595			7.5
01S08W28M03	1901726	4/25/95									77.2						
01S08W28M03	1901726	5/5/95									80.2						
01S08W28M03	1901726	5/18/95									79.8						
01S08W28M03	1901726	6/2/95									86.5						
01S08W28M03	1901726	6/6/95	91.8	17.0	12.6	2.0	203.0	45.9	30.0		88.2	0.3	410	629	166	295	7.8
01S08W28M03	1901726	7/6/95									85.8						
01S08W28M03	1901726	8/7/95									88.1						
01S08W28M03	1901726	9/8/95									87.9						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH		
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)							
01S08W28M03	1901726	10/2/95																86.1
01S08W28M03	1901726	11/1/95																87.4
01S08W28M03	1901726	12/4/95																88.0
01S08W28N01	1901722	3/4/87	88.1	14.5	12.5	2.4	199.9	49.4	22.6		63.0	0.3	384	620	164	277	7.1	
01S08W28N01	1901722	4/11/89	86.8	6.9	14.1	1.6	179.0	36.4	27.9		65.7	9.3	360	580	147	245	8.1	
01S08W28N01	1901722	1/30/90	75.8	15.7	14.2	2.1	193.5	40.1	19.7		62.5	0.3	379	622	159	253	7.6	
01S08W28N01	1901722	3/12/92	82.2	14.2	14.0	2.3	195.0	45.4	19.2		64.8	0.4	350	518	160	269	8.0	
01S08W28N01	1901722	2/5/93															65.5	
01S08W28N01	1901722	3/9/93															63.2	
01S08W28N01	1901722	4/13/93															62.3	
01S08W28N01	1901722	5/11/93															56.6	
01S08W28N01	1901722	10/7/93															60.8	
01S08W28N01	1901722	10/19/93	80.0	14.6	14.2	1.9	184.0	48.4	27.9		60.7	0.4	366	559	151	263	7.6	
01S08W28N01	1901722	11/3/93															62.4	
01S08W28N01	1901722	12/6/93															55.7	
01S08W28N01	1901722	1/5/94															70.0	
01S08W28N01	1901722	2/1/94															52.0	
01S08W28N01	1901722	4/11/94															82.4	
01S08W28N01	1901722	5/4/94															51.6	
01S08W28N01	1901722	6/13/94															63.8	
01S08W28N01	1901722	7/7/94															57.2	
01S08W28N01	1901722	8/11/94															56.4	
01S08W28N01	1901722	8/11/94															55.1	
01S08W28N01	1901722	10/4/94															55.4	
01S08W28N01	1901722	1/23/95															67.1	
01S08W28N01	1901722	3/11/91	81.2	12.6	13.1	1.5	190.0	45.9	20.0		67.8	0.3	335	525			8.0	
01S08W28N01	1901722	4/25/95															65.1	
01S08W28N01	1901722	5/4/95															65.5	
01S08W28N01	1901722	6/2/95															60.7	
01S08W28N01	1901722	6/6/95	76.6	14.6	14.2	2.0	189.0	39.8	22.2		62.2	0.3	321	546	155	259	7.7	
01S08W28N01	1901722	7/6/95															58.4	
01S08W28N01	1901722	8/7/95															58.2	
01S08W28N01	1901722	9/8/95															54.5	
01S08W28N01	1901722	10/2/95															56.0	
01S08W28N01	1901722	11/1/95															54.4	
01S08W28N01	1901722	12/4/95															55.3	
01S08W28N02	1901723	3/4/87	93.3	6.1	13.0	2.4	182.0	46.0	24.0		63.0	0.3	343	590	150	268	7.9	
01S08W28N02	1901723	4/25/89	87.3	5.2	14.2	1.8	179.6	32.5	18.4		89.1	0.2	325	550	147	239	7.9	
01S08W28N02	1901723	6/2/92	82.7	15.2	17.8	2.2	179.3	60.7	33.1		79.1	0.3	396	612	147	274	7.5	
01S08W28N02	1901723	2/5/93															66.8	
01S08W28N02	1901723	3/9/93															59.1	
01S08W28N02	1901723	4/13/93															54.7	



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W28N02	1901723	5/11/93									52.2					
01S08W28N02	1901723	10/7/93									58.4					
01S08W28N02	1901723	10/19/93	76.5	13.5	12.6	1.8	182.0	35.6	21.0	58.6	0.4	304	507	149	235	7.7
01S08W28N02	1901723	11/3/93								58.4						
01S08W28N02	1901723	12/6/93								53.9						
01S08W28N02	1901723	1/5/94								71.3						
01S08W28N02	1901723	2/1/94								51.3						
01S08W28N02	1901723	4/11/94								71.8						
01S08W28N02	1901723	5/3/94						33.5		55.2						
01S08W28N02	1901723	6/13/94								52.9						
01S08W28N02	1901723	7/7/94								54.7						
01S08W28N02	1901723	8/11/94								49.5						
01S08W28N02	1901723	10/4/94								50.4						
01S08W28N02	1901723	1/4/95								53.0						
01S08W28N02	1901723	1/22/95								63.0						
01S08W28N02	1901723	2/6/95								28.4						
01S08W28N02	1901723	3/11/95	77.9	12.2	11.8	1.8	185.0	38.6	17.9	60.8	0.3	315	490			7.8
01S08W28N02	1901723	4/5/95								63.5						
01S08W28N02	1901723	5/4/95								57.6						
01S08W28N02	1901723	6/2/95								57.5						
01S08W28N02	1901723	6/6/95	65.1	13.0	12.8	1.8	187.0	30.2	19.6	56.4	0.2	301	496	153	221	7.7
01S08W28N02	1901723	7/6/95								50.4						
01S08W28N02	1901723	8/7/95								53.2						
01S08W28N02	1901723	9/8/95								48.2						
01S08W28N02	1901723	10/2/95								46.6						
01S08W28N02	1901723	11/1/95								44.8						
01S08W28N02	1901723	12/4/95								48.0						
01S08W30K01	1902853	3/4/87	130.9	10.2	19.1	2.9	276.9	88.9	26.2	58.9	0.5	472	800	227	365	7.7
01S08W30K01	1902853	4/25/89	159.4	11.7	21.8	2.6	317.1	121.0	32.2	77.4	0.3	595	980	260	446	7.7
01S08W30K01	1902853	3/12/91	124.8	21.7	20.4	2.5	315.0	117.0	31.1	56.6	0.2	550	870			7.6
01S08W31J01	1902804	10/24/89	104.1	11.6	23.9	1.9	275.2	67.1	25.2	29.7	0.3	419	710	226	308	7.4
01S08W31J01	1902804	3/10/92	88.1	16.7	22.4	1.4	254.0	71.9	23.7	26.3	0.4	407	544	208	301	7.6
01S08W31J01	1902804	11/30/93	103.0	17.7	24.0	1.6	257.0	94.0	35.2	26.2	0.5	402	650	211	316	7.6
01S08W31J01	1902804	10/13/94								31.6						
01S08W31J01	1902804	10/23/90								27.0		403				
01S08W31J01	1902804	2/2/95								30.2						
01S08W31J01	1902804	3/11/91	87.4	15.1	21.8	1.4	244.0	71.3	26.6	28.5	0.5	365	575			7.8
01S08W31J01	1902804	5/19/95								33.7						
01S08W31J01	1902804	7/13/95								30.2						
01S08W31J01	1902804	7/21/95	94.3	19.8	22.3	1.9	265.0	82.4	28.9	31.5	0.4	456	661	217	309	7.7
01S08W31J01	1902804	10/5/95								32.8						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W32G01	1902917	3/4/87	86.4	7.3	14.7	2.4	183.1	53.0	24.8	43.7	0.4	325	560	150	244	7.9	
01S08W32G01	1902917	5/2/89	88.1	7.6	11.7	1.6	200.9	51.2	15.6	48.5	0.3	353	570	165	251	7.7	
01S08W32G01	1902917	12/9/92	76.7	9.9	19.8	2.0	209.0	57.4	19.2	38.0	0.6	340	541	171	233	7.7	
01S08W32G01	1902917	10/20/94								40.6							
01S08W32G01	1902917	10/23/90								47.9		387					
01S08W32G01	1902917	3/11/91	82.0	13.0	13.2	1.5	215.0	54.9	16.3	48.7	0.4	330	510			7.8	
01S08W32G01	1902917	4/25/95								36.0							
01S08W32G01	1902917	7/13/95								37.1							
01S08W32G01	1902917	7/21/95	83.6	11.5	19.0	1.9	210.0	54.4	16.2	36.9	0.3	345	539	172	236	7.7	
01S08W32G01	1902917	10/5/95								36.2							
01S08W33C01	1903079	3/4/87	94.1	6.5	13.3	2.5	183.1	41.2	27.7	68.2	0.4	336	580	150	270	7.9	
01S08W33C01	1903079	10/24/89	72.1	10.9	14.9	1.9	206.9	24.3	12.0	52.4	0.2	311	510	170	225	7.6	
01S08W33C01	1903079	5/5/92	65.9	12.4	16.8	2.0	168.4	36.6	19.1	52.1	0.3	297	500	138	222	7.6	
01S08W33C01	1903079	5/17/94						26.4		66.3							
01S08W33C01	1903079	12/11/90								61.0		257					
01S08W33C01	1903079	1/23/95								50.2							
01S08W33C01	1903079	3/6/91	66.9	10.7	14.3	1.4	181.0	25.6	13.4	53.1	0.3	300	450			7.8	
01S08W33C01	1903079	4/25/95								56.1							
01S08W33C01	1903079	5/19/95								51.9							
01S08W33C01	1903079	6/16/95								60.1							
01S08W33C01	1903079	7/13/95								51.6							
01S08W33C01	1903079	8/7/95								52.8							
01S08W33C01	1903079	8/16/95	63.4	13.0	13.4	1.7	178.0	25.7	18.5	49.7	0.3	296	491	146	210	7.8	
01S08W33C01	1903079	9/8/95								51.4							
01S08W33C01	1903079	10/2/95								52.2							
01S08W33C01	1903079	11/30/95								54.3							
01S08W33D01	1902875	3/4/87	84.0	6.5	15.1	2.5	176.8	43.5	16.2	61.9	0.5	316	550	145	242	7.8	
01S08W33D01	1902875	4/25/89	77.7												213		
01S08W33D01	1902875	4/7/92	64.7	10.2	17.2	1.9	175.7	34.4	13.9	47.0	0.3	292	458	144	200	7.5	
01S08W33D01	1902875	7/7/94								58.3							
01S08W33D01	1902875	8/11/94								50.7							
01S08W33D01	1902875	10/4/94								45.1							
01S08W33D01	1902875	11/28/94								48.6							
01S08W33D01	1902875	12/5/90								44.8		254					
01S08W33D01	1902875	12/8/94								49.4							
01S08W33D01	1902875	1/4/95								53.2							
01S08W33D01	1902875	2/2/95								50.7							
01S08W33D01	1902875	3/6/91	68.7	9.5	16.8	1.5	176.0	36.1	14.6	50.7	0.3	315	470			7.8	
01S08W33D01	1902875	4/5/95								54.3							
01S08W33D01	1902875	5/4/95								51.1							
01S08W33D01	1902875	8/11/95								53.8							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W33D01	1902875	8/16/95	81.0	14.7	13.8	1.8	195.0	45.8	18.1	53.9	0.4	371	557	175	270	7.8
01S08W33D01	1902875	9/8/95								45.5						
01S08W33D01	1902875	10/2/95								42.8						
01S08W33D01	1902875	11/1/95								41.8						
01S08W33D01	1902875	12/4/95								38.9						
01S08W33E01	1903063	4/11/89	64.7	9.6	15.2	1.6	171.2	39.4	22.2	34.6	0.2			140	201	
01S08W33E01	1903063	6/2/92	64.1	9.9	16.2	1.9	172.0	38.6	15.1	44.8	0.3	293	452	141	206	7.4
01S08W33E01	1903063	11/30/93	69.3	10.3	15.2	1.8	179.0	34.2	21.3	36.4	0.4	268	435	147	205	7.7
01S08W33E01	1903063	4/20/94								33.4						
01S08W33E01	1903063	5/3/94						37.9		33.7						
01S08W33E01	1903063	6/10/90								34.5		276				
01S08W33E01	1903063	6/13/94								35.9						
01S08W33E01	1903063	7/7/94								35.9						
01S08W33E01	1903063	8/11/94								32.3						
01S08W33E01	1903063	10/20/94								34.4						
01S08W33E01	1903063	1/4/95								33.8						
01S08W33E01	1903063	2/2/95								35.9						
01S08W33E01	1903063	3/6/91	62.1	8.8	17.3	1.6	183.0	32.4	11.3	34.2	0.3	240	370			7.8
01S08W33E01	1903063	4/5/95								36.3						
01S08W33E01	1903063	5/4/95								33.5						
01S08W33E01	1903063	6/2/95								35.0						
01S08W33E01	1903063	6/6/95	57.0	11.1	16.0	1.9	187.0	30.3	12.8	31.1	0.2	245	436	153	194	7.9
01S08W33E01	1903063	7/6/95								31.6						
01S08W33E01	1903063	8/7/95								33.3						
01S08W33E01	1903063	11/13/95								30.1						
01S08W33E01	1903063	12/4/95								31.4						
01S08W34A01	3601355	7/15/85	63.0	12.6	13.8	2.1		21.6	12.7			331	518	148	209	7.6
01S08W34A01	3601355	7/17/89	72.1	11.1	2.8			33.6	17.0	78.6	0.3	376	582	150	224	7.3
01S08W34A04		8/24/90	46.8	16.5	9.6	1.8	180.1	25.7	5.7	23.8	0.3	232	400	148	185	7.9
01S08W34A04		2/12/92	58.5	8.7	9.6	1.6	171.8	26.5	8.7	26.3	0.2	211	400	141	182	7.6
01S08W34A04		2/9/94								20.7						
01S08W34A04		1/18/95								12.3						
01S08W34A04		2/12/92	58.5	8.7	9.6	1.6	171.8	26.5	8.7	26.3	0.2	211	400			7.6
01S08W35C04	3602680	9/10/90								53.7		287				
01S08W35C04		9/9/91	59.6	21.0	11.4	1.5	185.0	27.8	13.8	76.0	0.3		510			8.0
01S08W35C05		8/18/82								24.0	0.3					
01S08W35C05		9/8/82	49.6	9.3	15.8	2.1		17.0	11.0	28.0	0.3	244	410	152	165	8.0
01S08W35C05		8/4/83	46.2	10.1	18.6	1.7		13.0	10.0	33.0	0.3		400	148	155	7.9
01S08W35C05		8/6/84	54.7	9.8	14.8	1.7	175.0	21.0	18.0	35.0	0.5	280	430	144	190	8.2
01S08W35C05		8/5/85	50.4	10.1	16.3	1.9	170.0	19.4	7.9	33.8	0.2	234	410	140	172	8.0
01S08W35C05		8/14/86	48.1	10.7	14.2	1.8	177.8	18.8	2.8	39.8	-0.1	284	400	146	181	7.8

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
01S08W35C05		8/21/87	59.3	11.7	14.1	2.2	173.1	24.7	10.8	53.6	0.2	311	450	142	196	7.9
01S08W35C05		8/11/88	66.0	9.3	11.3	1.6	169.4	26.6	13.5	38.7	-0.1	248	450	139	203	7.6
01S08W35C05		8/1/89	47.4	8.4	14.0	1.7	139.1	22.9	9.5	49.3	0.2	226	390	114	153	7.8
01S08W35C05		9/10/90	51.3	21.6	13.4	1.8	190.3	20.0	10.8	53.7	0.2	287	470	156	217	7.8
01S08W35C05		9/9/91	59.6	21.0	11.4	1.5	185.0	27.8	13.8	76.0	0.3	287	510	152	235	8.0
01S08W35C05		9/2/92	47.6	28.3	11.5	0.9	183.0	27.0	13.2	73.8	0.2	278	490	150	235	8.0
01S08W35C05		8/11/94	52.9	14.3	32.0	1.6	183.5	28.7	14.7	83.7	0.2	318	530	150	236	8.1
01S08W35C05		11/15/94								60.5						
01S08W35C05		3/30/95								86.1	0.2					
01S08W35C05		5/18/95								81.6						
01S08W35C05		6/27/95	48.1	9.7	34.1	2.0	141.5	41.0	27.8	39.5	0.1	268	480	116	170	8.1
01S08W35C05		6/28/95								36.0						
01S08W35C05		8/3/95	62.5	16.6	14.5	1.8	183.0	28.6	13.8	86.5	0.2	314	540	150	250	8.0
01S08W35C06	600467	9/10/90								47.8		270				
01S08W35C06	600467	9/9/91	50.5	15.8	15.9	1.5	185.0	23.7	9.4	52.2	0.2		450			8.0
01S08W35C07		8/6/84	50.4	8.4	16.5	1.8	177.0	12.0	12.0	31.0	0.4	260	400	145	169	8.2
01S08W35C07		8/5/85	48.7	10.8	17.3	1.9	165.0	20.4	7.3	35.0	0.1	238	410	136	174	8.0
01S08W35C07		8/14/86	48.0	10.4	15.7	1.9	172.1	22.1	1.9	41.6	0.1	284	400	141	174	7.8
01S08W35C07		8/20/87	53.3	10.0	19.4	2.3	173.1	22.2	7.0	43.4	0.2	296	420	142	174	8.1
01S08W35C07		8/11/88	54.1	10.3	18.3	1.4	166.7	21.7	11.3	42.3	-0.1	244	440	137	178	7.6
01S08W35C07		8/1/89	60.6	11.3	17.5	1.8	189.3	23.5	8.3	49.9	-0.1	271	460	155	198	7.8
01S08W35C07		9/10/90	47.3	18.0	15.9	1.9	190.3	18.8	9.3	47.9	0.2	270	450	156	196	7.8
01S08W35C07		9/9/91	50.5	15.8	15.9	1.5	185.0	23.7	9.4	52.2	0.2	245	450	152	191	8.0
01S08W35C07		9/2/92	52.9	13.6	18.5	1.1	183.0	23.0	8.9	50.1	0.2	243	430	150	188	8.1
01S08W35C07		9/2/93	53.3	12.7	19.1	1.6	176.7	21.6	11.0	45.6	0.2	252	460	145	186	7.9
01S08W35C07		8/11/94	63.8	12.1	19.5	1.6	182.5	25.3	10.5	58.0	0.1	281	460	150	196	8.0
01S08W35C07		11/15/94								54.5						
01S08W35C07		12/1/94								61.7						
01S08W35C07		3/2/95								62.8						
01S08W35C07		3/30/95								58.0	0.2					
01S08W35C07		6/8/95								63.2						
01S08W35C07		8/3/95	58.3	13.0	19.8	1.7	180.6	26.1	10.0	57.9	0.2	276	470	148	204	8.0
01S08W35C07		10/5/95								57.0						
01S08W35C07		1/18/96								66.0						
01S08W35J01	3601752	8/5/85	40.7	6.5	26.7	2.0	166.0	17.1	8.1	16.0	0.2	213	360	136	129	8.3
01S08W35J01	3601752	8/14/86	33.9	6.7	24.2	1.8	168.9	16.3	2.6	18.7	-0.1	252	350	139	124	7.6
01S08W35J01	3601752	8/20/87	45.2	7.5	22.0	2.2	173.6	16.7	7.3	21.9	0.2	250	370	142	144	8.0
01S08W35J01	3601752	8/11/88	41.8	7.6	23.7	1.6	159.4	20.1	10.8	19.2	0.2	213	360	131	136	7.6
01S08W35J01	3601752	8/1/89	41.0	7.1	26.3	1.7	172.3	19.2	8.6	21.5	0.2	248	400	141	132	7.9
01S08W35J01	3601752	9/10/90	40.0	16.0	16.6	1.8	184.0	12.6	8.2	24.9	0.1	230	390	151	166	7.9
01S08W35J01	3601752	9/9/91	46.1	11.8	16.4	1.6	189.8	16.6	8.4	27.8	0.1	207	390	156	164	8.0

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions						TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
01S08W35J01	3601752	9/2/92	33.5	15.8	24.4	1.1	174.2	18.9	9.0	25.2	0.2	200	370	143	149	8.2	
01S08W35J01	3601752	9/2/93	40.8	7.5	23.9	1.6	168.4	18.1	11.4	23.1	0.2	209	390	138	133	8.0	
01S08W35J01	3601752	1/12/94								24.2							
01S08W35J01	3601752	8/11/94	44.9	7.3	26.6	1.5	168.4	20.7	10.9	26.3	0.2	221	380	138	140	8.1	
01S08W35J01	3601752	9/10/90								24.9		230					
01S08W35J01	3601752	11/15/94								28.1							
01S08W35J01	3601752	3/30/95								16.1	0.2						
01S08W35J01	3601752	8/3/95	43.3	8.3	27.3	1.7	169.8	18.9	9.7	31.6	0.5	225	390	139	142	8.2	
01S08W35J01	3601752	9/9/91	46.1	11.8	16.4	1.6	189.8	16.6	8.4	27.8	0.1		390			8.0	
01S08W35J01	3601752	10/19/95								32.7							
01S08W35J01	3601752	1/18/96								32.3							
01S08W35J02	3602666	9/10/90								43.3		270					
01S08W35J02		9/9/91	56.9	16.2	12.5	1.6	185.4	21.2	13.8	55.4	0.3		460			8.0	
01S08W35J03	3602666	8/6/84	53.9	8.5	14.9	1.7	170.0	16.0	17.0	35.0	0.4	270	420	140	181	8.4	
01S08W35J03	3602666	8/5/85	41.3	7.9	21.4	1.6	159.0	20.4	11.1	27.6	0.3	236	400	130	156	7.9	
01S08W35J03	3602666	8/14/86	42.7	8.9	19.4	1.7	164.7	20.2	2.5	31.6	-0.1	271	375	135	162	7.8	
01S08W35J03	3602666	8/20/87	54.5	7.3	17.9	2.2	166.8	22.9	12.6	39.5	0.2	279	410	137	166	8.0	
01S08W35J03	3602666	8/11/88	58.1	8.2	14.0	1.6	167.8	18.2	12.7	39.7	0.2	248	410	138	179	7.6	
01S08W35J03	3602666	8/1/89	62.4	12.4	12.9	1.7	189.8	19.6	12.2	50.3	0.2	271	460	156	54	7.8	
01S08W35J03	3602666	9/10/90	47.3	20.9	13.0	1.8	189.6	16.6	12.0	43.3	0.1	270	450	155	204	7.9	
01S08W35J03	3602666	9/9/91	56.9	16.2	12.5	1.6	185.4	21.2	13.8	55.4	0.3	254	460	152	209	8.0	
01S08W35J03	3602666	9/2/92	64.1	11.2	12.7	1.0	178.1	21.1	13.6	55.2	0.2	252	440	146	206	8.0	
01S08W35J03	3602666	9/2/93	63.3	11.8	14.8	2.1	187.9	19.6	13.5	50.9	0.2	269	470	154	206	7.9	
01S08W35J03	3602666	8/11/94	59.3	12.3	15.3	1.6	179.6	21.9	14.3	57.9	0.2	271	460	147	200	8.1	
01S08W35J03	3602666	11/15/94								59.0							
01S08W35J03	3602666	3/30/95								69.2	0.2						
01S08W35J03	3602666	8/3/95	62.2	14.7	14.2	1.7	179.6	20.8	13.3	62.4	0.2	278	470	147	212	8.1	
01S08W35J03	3602666	10/26/95								66.0							
01S09W26H01	1902603	10/31/90								55.9		697					
01S09W27H01	1903095	12/31/90								22.5		719					
01S09W27H01		3/12/91	143.0	26.4	37.0	2.1	332.0	188.0	48.9	20.4	0.3	600	1040			7.5	
02J0S7W1301		1/16/96	29.2	7.3	30.8	2.3	84.0	18.0	10.0	11.7	0.2	216	334	133	138	7.7	
02S05W22D	3300595	3/30/91								145.0		828					
02S06W04D01	3301744	8/14/86	46.0	5.0	20.0	2.0	165.0	12.0	14.0	9.0		215	350	135	136	7.7	
02S06W04D03	300200	6/14/84	43.0	4.0	21.0	2.0	119.0	18.0	21.0	11.0	0.2	195	360	98	124	7.6	
02S06W04D03	300200	1/16/87	19.0	10.0	24.0	2.0	149.0	13.0	6.0	5.0	-0.1	190	310	123	89	6.0	
02S06W04D03	300200	12/2/92	51.0	5.0	21.0	2.0	159.0	21.0	21.0	17.0	0.3	200	360	130	153	8.0	
02S06W04D03	300200	8/1/89								13.0		225					
02S06W04D03	300200	12/13/93	39.0	5.0	21.0	2.0	134.0	13.0	13.0	15.0	0.2	205	340	130	119	8.3	
02S06W04D03	300200	8/8/90								14.0		230					
02S06W04D03	300200	12/6/94	50.0	5.0	20.0	2.0	159.0	16.0	25.0	13.0	0.2	235	370	130	146	7.8	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W04D03	300200	2/7/95									16.0						
02S06W04D03	300200	3/8/95									8.0						
02S06W04D03	300200	4/5/95									11.0						
02S06W04D03	300200	5/2/95									10.0						
02S06W04D03	300200	6/6/95									8.0						
02S06W04D03	300200	7/13/95									15.0						
02S06W04D03	300200	8/2/95									15.0						
02S06W04D03	300200	9/6/95									16.0						
02S06W04D03	300200	10/11/95									15.0						
02S06W04D03	300200	11/6/95									15.0						
02S06W04D03	300200	12/4/95	50.0	5.0	20.0	2.0	156.0	14.0	27.0	14.0	0.2	232	400	28	146	8.0	
02S06W04D03	300200	1/23/96									6.0						
02S06W04D03	300200	12/3/92	49.0	5.0	20.0	2.0	162.0	17.0	22.0	15.0	0.2	225	390			8.1	
02S06W04E01	300207	12/2/92	45.0	6.0	21.0	2.0	137.0	21.0	22.0	18.0	0.3	190	350	113	138	8.0	
02S06W04E01	300207	12/13/93	44.0	6.0	21.0	2.0	134.0	18.0	25.0	19.0	0.2	230	400	120	135	8.3	
02S06W04E01	300207	12/6/94	50.0	6.0	21.0	2.0	149.0	20.0	33.0	19.0	0.5	230	380	123	150	7.9	
02S06W04E01	300207	2/7/95									21.0						
02S06W04E01	300207	3/8/95									21.0						
02S06W04E01	300207	4/5/95									20.0						
02S06W04E01	300207	5/2/95									21.0						
02S06W04E01	300207	6/6/95									21.0						
02S06W04E01	300207	7/18/95									21.0						
02S06W04E01	300207	8/2/95									20.0						
02S06W04E01	300207	9/6/95									22.0						
02S06W04E01	300207	10/11/95									20.0						
02S06W04E01	300207	11/6/95									20.0						
02S06W04E01	300207	12/4/95	51.0	6.0	21.0	2.0	153.0	19.0	35.0	21.0	0.1	246	430	125	53	8.0	
02S06W04E01	300207	1/3/96									21.0						
02S06W04M02	300208	12/2/92	45.0	5.0	23.0	2.0	146.0	24.0	22.0	15.0	0.3	210	360	120	134	8.0	
02S06W04M02	300208	12/13/93	46.0	5.0	23.0	2.0	134.0	22.0	28.0	16.0	0.1	240	410	120	136	8.3	
02S06W04M02	300208	2/7/95									18.0						
02S06W04M02	300208	3/8/95									17.0						
02S06W04M02	300208	4/5/95									17.0						
02S06W04M02	300208	5/2/95									18.0						
02S06W04M02	300208	6/6/95									17.0						
02S06W04M02	300208	7/12/95									16.0						
02S06W04M02	300208	8/2/95									16.0						
02S06W04M02	300208	9/6/95									17.0						
02S06W04M02	300208	10/11/95									15.0						
02S06W04M02	300208	11/6/95									15.0						
02S06W04M02	300208	12/4/95	49.0	6.0	23.0	2.0	153.0	22.0	30.0	16.0	0.1	225	420	125	148	8.0	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W04M02	300208	1/3/96									16.0						
02S06W05A01	3301743	8/14/86	50.0	54.0	19.0	2.0	168.0	13.0	16.0	10.0	-0.1	220	360	138	146	7.6	
02S06W05A01	3301743	12/3/91	51.0	6.0	18.0	2.0	174.0	14.0	20.0	15.0	0.3	240	380	143	153	8.0	
02S06W05A01	3301743	12/2/92	54.0	6.0	22.0	2.0	159.0	20.0	24.0	23.0	0.4	235	390	130	160	8.0	
02S06W05A01	3301743	8/1/89								12.0		215					
02S06W05A01	3301743	12/13/93	52.0	6.0	20.0	2.0	146.0	15.0	23.0	24.0	0.2	255	420	140	155	8.1	
02S06W05A01	3301743	8/8/90								16.0		245					
02S06W05A01	3301743	12/6/94	58.0	6.0	20.0	2.0	177.0	15.0	25.0	25.0	0.2	260	400	145	170	7.7	
02S06W05A01	3301743	2/23/95								26.0							
02S06W05A01	3301743	3/8/95								24.0							
02S06W05A01	3301743	4/5/95								23.0							
02S06W05A01	3301743	5/1/95								25.0							
02S06W05A01	3301743	5/23/95								23.0							
02S06W05A01	3301743	12/3/91	51.0	6.0	18.0	2.0	174.0	14.0	20.0	15.0	0.3	240	380			8.0	
02S06W05A01	3301743	1/8/96	57.0	6.0	21.0	2.0	168.0	15.0	30.0	26.0	0.3	273	430	138	168	7.4	
02S06W05B02	3302031	11/19/90	52.0	6.4	26.1	1.8		14.9	24.0	25.4	0.2	256	408	156	1		
02S06W05B02	3302031	2/2/96	51.4	6.1	22.5	1.8	86.0	8.0	17.0	13.6	0.1	220	353	150	141	7.6	
02S06W05B02	3302031	3/10/97	51.9	6.1	20.9	1.9	183.0	10.2	14.5	17.7	0.2	220	387	160	150	7.2	
02S06W06N	600016	2/25/97	58.7	8.7	27.3	1.3	171.0	10.9	32.5	31.4	0.1	270	448	182	140	7.9	
02S06W06N02		11/19/90	46.5	7.1	27.4	1.4		8.8	31.1	30.4	0.2	264	413	145	138		
02S06W06N02		1/19/92	55.0	11.0	27.0	1.5	175.0	27.0	47.0	23.0	0.1	280	480			7.9	
02S06W06N02		1/16/96	48.1	8.7	34.3	1.4	85.0	4.0	33.0	35.9	0.1	280	435	187	140	7.8	
02S06W06Q01		11/20/95	72.5	20.1	25.8	2.7	98.0	40.0	37.0	106.0	0.2	508	655	310	161	7.4	
02S06W07A01		11/19/90	57.7	5.3	25.2	1.9		8.1	25.1	24.8	0.2	268	406	166	143		
02S06W07A01		1/19/92	54.0	5.7	21.0	1.9	187.0	9.3	29.0	20.4	0.2	250	400			7.9	
02S06W08K	300048	3/10/97	54.8	4.7	22.2	2.4	183.0	10.7	17.8	20.4	0.2	239	408	165	150	7.3	
02S06W08K01		11/19/90	56.9	5.8	24.7	2.2		13.3	28.9	27.7	0.2	272	415	166	137		
02S06W08K01		2/9/92	54.0	5.5	22.0	2.3	187.0	13.0	29.0	23.5	0.2	250	410			7.9	
02S06W08K01		11/30/95	40.3	5.0	24.8	1.9	84.0	10.0	22.0	20.3	0.1	232	378	182	137	7.7	
02S06W09C01	0300202	12/5/90								23.0							
02S06W09C01	0300202	12/3/91	63.0	6.0	25.0	2.0	168.0	31.0	41.0	25.0	0.2	280	480	138	183	8.1	
02S06W09C01	0300202	12/2/92	64.0	6.0	26.0	2.0	153.0	35.0	39.0	31.0	0.3	265	430	125	185	8.0	
02S06W09C01	0300202	12/13/93	56.0	5.0	25.0	2.0	134.0	26.0	31.0	25.0	0.1	275	460	130	161	8.3	
02S06W09C01	300202	8/8/90								23.0		290					
02S06W09C01	0300202	12/6/94	61.0	6.0	26.0	2.0	159.0	30.0	35.0	28.0	0.1	290	470	130	178	7.9	
02S06W09C01	0300202	2/7/95								32.0							
02S06W09C01	0300202	3/8/95								31.0							
02S06W09C01	0300202	4/5/95								31.0							
02S06W09C01	0300202	5/9/95								33.0							
02S06W09C01	0300202	6/6/95								34.0							
02S06W09C01	0300202	7/12/95								29.0							

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
02S06W09C01	0300202	8/2/95									29.0					
02S06W09C01	0300202	9/6/95									31.0					
02S06W09C01	0300202	10/11/95									29.0					
02S06W09C01	0300202	11/6/95									29.0					
02S06W09C01	0300202	12/4/95	60.0	5.0	28.0	2.0	165.0	26.0	44.0	28.0	0.1	286	490	135	171	7.9
02S06W09C01	300202	12/3/92	63.0	6.0	25.0	2.0	168.0	31.0	41.0	25.0	0.2	280	480			8.1
02S06W09D03	0300204	12/5/90									12.0					
02S06W09D03	0300204	12/3/91	47.0	5.0	23.0	2.0	165.0	19.0	22.0	13.0	0.2	220	380	135	139	8.2
02S06W09D03	0300204	12/2/92	49.0	6.0	24.0	2.0	159.0	21.0	22.0	19.0	0.3	215	360	130	148	8.0
02S06W09D03	300204	8/1/89									11.0	240				
02S06W09D03	0300204	12/13/93	48.0	5.0	24.0	2.0	146.0	18.0	24.0	19.0	0.1	204	410	130	141	8.4
02S06W09D03	300204	8/8/90									11.0	215				
02S06W09D03	0300204	12/6/94	54.0	6.0	23.0	2.0	168.0	18.0	26.0	22.0	0.1	265	390	138	160	7.9
02S06W09D03	0300204	2/7/95									23.0					
02S06W09D03	0300204	3/8/95									22.0					
02S06W09D03	0300204	4/5/95									22.0					
02S06W09D03	0300204	5/2/95									23.0					
02S06W09D03	0300204	6/6/95									24.0					
02S06W09D03	0300204	7/12/95									23.0					
02S06W09D03	0300204	8/2/95									23.0					
02S06W09D03	0300204	9/6/95									25.0					
02S06W09D03	0300204	10/11/95									24.0					
02S06W09D03	0300204	11/6/95									24.0					
02S06W09D03	0300204	12/4/95	55.0	6.0	24.0	2.0	165.0	16.0	29.0	24.0	0.2	260	440	135	163	8.0
02S06W09D03	300204	12/3/91	47.0	5.0	23.0	2.0	165.0	19.0	22.0	13.0	0.2	220	380			8.2
02S06W09D03	0300204	1/3/96									25.0					
02S06W09E01	0300205	12/5/90									22.0					
02S06W09E01	0300205	12/3/91	60.0	6.0	24.0	2.0	174.0	26.0	33.0	30.0	0.2	270	480	143	175	8.1
02S06W09E01	0300205	12/2/92	70.0	7.0	27.0	3.0	168.0	36.0	40.0	43.0	0.3	290	520	138	204	8.0
02S06W09E01	300205	8/1/89									14.0	220				
02S06W09E01	0300205	1/3/94	59.0	6.0	24.0	2.0	162.0	24.0	33.0	34.0	0.2	290	490	133	173	8.0
02S06W09E01	300205	8/8/90									19.0	240				
02S06W09E01	0300205	12/6/94	76.0	7.0	26.0	2.0	171.0	34.0	45.0	46.0	0.1	345	530	140	219	7.9
02S06W09E01	0300205	2/7/95									47.0					
02S06W09E01	0300205	3/8/95									44.0					
02S06W09E01	0300205	4/5/95									44.0					
02S06W09E01	0300205	5/2/95									47.0					
02S06W09E01	0300205	6/6/95									47.0					
02S06W09E01	0300205	7/18/95									48.0					
02S06W09E01	0300205	8/2/95									47.0					
02S06W09E01	0300205	9/6/95									50.0					



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions						TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W09E01	0300205	9/25/95									49.0						
02S06W09E01	0300205	10/11/95									49.0						
02S06W09E01	0300205	11/6/95									48.0						
02S06W09E01	0300205	12/4/95	74.0	7.0	27.0	2.0	174.0	30.0	49.0	51.0	0.1	371	580	143	214	7.9	
02S06W09E01	300205	12/3/91	60.0	6.0	24.0	2.0	174.0	26.0	33.0	30.0	0.2	270	480			8.1	
02S06W09F01	0300188	8/14/86	57.0	5.0	23.0	2.0	165.0	23.0	24.0	16.0	-0.1	260	380	135	165	7.5	
02S06W09F01	0300188	12/5/90									82.0						
02S06W09F01	0300188	12/3/91	140.0	13.0	35.0	3.0	189.0	77.0	140.0	90.0	0.2	745	1010	155	405	8.0	
02S06W09F01	0300188	12/2/92	162.0	15.0	38.0	4.0	165.0	100.0	150.0	120.0	0.3	760	980	135	468	8.0	
02S06W09F01	300188	8/1/89									47.0						
02S06W09F01	300188	8/8/90									89.0						
02S06W09F01	0300188	12/20/94	138.0	12.0	35.0	3.0	182.0	78.0	140.0	89.0	0.1	765	960	149	395	7.7	
02S06W09F01	0300188	4/5/95									82.0						
02S06W09F01	0300188	6/15/95									65.0						
02S06W09F01	0300188	7/13/95									62.0						
02S06W09F01	0300188	10/11/95									77.0						
02S06W09F01	0300188	12/4/95	137.0	12.0	34.0	3.0	192.0	75.0	120.0	78.0	0.1	668	960	158	393	7.8	
02S06W09F01	300188	12/3/91	130.0	12.0	37.0	3.0	195.0	70.0	130.0	78.0	0.2	675	980			8.0	
02S06W09F02	3301895	8/1/89									26.0						
02S06W09F02	3301895	8/8/90									37.0						
02S06W09F02	300190	12/3/91	140.0	13.0	35.0	3.0	189.0	77.0	140.0	90.0	0.2	745	1010			8.0	
02S06W09G01		12/2/92	134.0	13.0	40.0	4.0	177.0	83.0	130.0	82.0	0.5	620	910	145	389	8.0	
02S06W09G01		7/1/94	73.0	7.0	36.0	3.0	168.0	53.0	52.0	33.0	0.2	360	620	138	212	7.8	
02S06W09G01		12/20/94	66.0	6.0	37.0	2.0	159.0	53.0	47.0	33.0	0.2	365	530	130	190	7.6	
02S06W09G01		4/5/95									25.0						
02S06W09G01		5/24/95									29.0						
02S06W09G01		6/15/95									29.0						
02S06W09G01		7/13/95									33.0						
02S06W09G01		7/18/95									36.0						
02S06W09G01		7/25/95									40.0						
02S06W09G01		8/2/95									46.0						
02S06W09G01		8/8/95									49.0						
02S06W09G01		8/16/95									48.0						
02S06W09G01		8/22/95									54.0						
02S06W09G01		8/28/95									56.0						
02S06W09G01		9/6/95									58.0						
02S06W09G01		9/21/95									58.0						
02S06W09G01		9/25/95									58.0						
02S06W09G01		10/11/95									56.0						
02S06W09G01		12/4/95	88.0	8.0	37.0	2.0	177.0	58.0	75.0	48.0	0.2	427	710	145	254	8.0	
02S06W09K01	3301895	8/14/86	67.0	7.0	32.0	2.0	180.0	34.0	44.0	40.0	-0.1	325	500	148	195	7.7	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions						TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W09K01	3301895	12/3/91	116.0	11.0	38.0	3.0	189.0	59.0	110.0	82.0	0.2	640	900	155	338	8.0	
02S06W09K01	3301895	12/2/92	112.0	11.0	41.0	4.0	183.0	69.0	100.0	75.0	0.4	520	790	150	326	8.0	
02S06W09K01		8/1/89								64.0		595					
02S06W09K01	3301895	2/2/94	57.0	6.0	36.0	3.0	177.0	43.0	28.0	29.0	0.2	315	540	145	168	7.7	
02S06W09K01		8/8/90								56.0		540					
02S06W09K01	3301895	12/6/94	98.0	9.0	37.0	3.0	177.0	55.0	85.0	59.0	0.1	505	700	145	280	7.6	
02S06W09K01	3301895	5/24/95								34.0							
02S06W09K01	3301895	6/6/95								35.0							
02S06W09K01	3301895	6/15/95								42.0							
02S06W09K01	3301895	7/13/95								56.0							
02S06W09K01	3301895	7/25/95								50.0							
02S06W09K01	3301895	8/2/95								60.0							
02S06W09K01	3301895	8/8/95								63.0							
02S06W09K01	3301895	8/16/95								62.0							
02S06W09K01	3301895	8/22/95								68.0							
02S06W09K01	3301895	8/28/95								71.0							
02S06W09K01	3301895	9/6/95								71.0							
02S06W09K01	3301895	10/11/95								77.0							
02S06W09K01		12/3/91	116.0	11.0	38.0	3.0	189.0	59.0	110.0	82.0	0.2	600	900			8.0	
02S06W09K01	3301895	12/18/95	97.0	10.0	39.0	3.0	183.0	52.0	89.0	67.0	0.2	486	760	150	284	8.1	
02S06W09K01	3301895	1/3/96								59.0							
02S06W10N01	0300206	6/4/92	82.0	13.0	50.0	4.0	244.0	60.0	75.0	19.0	0.2	475	730	200	259	7.8	
02S06W13B02	3300718	2/17/91								74.5		864					
02S06W13B02		2/9/92	92.0	44.0	125.0	3.4	432.0	130.0	110.0	66.4	0.4	810	1270			7.4	
02S06W13B06	3300718	3/10/97	99.4	45.0	120.0	3.6	417.0	129.0	108.0	93.4	0.5	882	1383	456	342	7.1	
02S06W13C10	3302208	9/4/87	60.0	6.0	23.0	2.0	174.0	23.0	24.0	20.0	0.4	260	440	143	175	7.7	
02S06W16B03		11/18/85	118.0	12.0	51.0	3.0	180.0	54.0	130.0	86.0		765	980	148	345	7.2	
02S06W16B03		2/2/87	124.0	12.0	55.0	4.0	168.0	82.0	120.0	92.0		645	950	138	360	7.4	
02S06W16B03		2/16/88	128.0	13.0	53.0	4.0	192.0	65.0	130.0	107.0		715	990	158	374	7.6	
02S06W16B03		2/22/88									0.2						
02S06W16B03		2/27/89	130.0	13.0	54.0	3.0	180.0	65.0	136.0	110.0		600	1000	145	381	7.6	
02S06W16B03		1/29/90	120.0	12.0	55.0	3.0	180.0	71.0	130.0			670	990	148	350	7.5	
02S06W16B03		4/9/90								91.0	0.1						
02S06W16B03		8/10/92	124.0	13.0	58.0	4.0	146.0	80.0	150.0			740	980	120	364	7.7	
02S06W16B03		6/24/93								110.0	0.7						
02S06W16B03		10/5/93	131.0	12.0	59.0	4.0	186.0	80.0	160.0			835	1150	153	378	8.1	
02S06W16B03		4/10/95								100.0							
02S06W16B03		6/12/95								100.0							
02S06W16B03		1/8/96								97.0							
02S06W16B04		11/18/85	120.0	12.0	51.0	3.0	186.0	54.0	128.0	88.0		735	950	153	350	7.4	
02S06W16B04		2/2/87	120.0	13.0	80.0	4.0	174.0	70.0	164.0	105.0		760		143	354	7.4	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
02S06W16B04		2/16/88	130.0	14.0	53.0	4.0	195.0	65.0	130.0	108.0		715		160	763	7.6
02S06W16B04		2/22/88									-0.1					
02S06W16B04		2/27/89	130.0	13.0	56.0	3.0	177.0	65.0	145.0	120.0		615	1000	145	380	7.5
02S06W16B04		1/29/90	121.0	12.0	56.0	3.0	195.0	61.0	135.0			695	990	160	354	7.5
02S06W16B04		4/9/90									97.0	0.1				
02S06W16B04		4/10/95									100.0					
02S06W16B04		6/12/95									100.0					
02S06W16B04		1/8/96									97.0					
02S06W16C01	3300973	3/9/92									100.0					
02S06W16C02	3302078	3/9/92									99.0					
02S06W18P	300211	11/30/95	43.5	6.8	29.0	2.3	86.0	18.0	24.0	33.3	0.1	290	443	193	141	7.8
02S06W18P	300211	2/25/97	67.7	7.1	25.1	2.2	183.0	16.3	25.0	182.0	0.2	302	464	201	150	8.0
02S06W19B01	3300834	2/17/91									30.2					
02S06W19E01	3302263	7/11/85									40.0	0.4				
02S06W19E01	3302263	8/19/88	120.0	10.0	30.0	2.0	229.0	31.0	61.0			525	740	138	342	7.7
02S06W19E01	3302263	4/20/90									56.0	0.3				
02S06W19E01	3302263	4/20/90									63.0					
02S06W19E01	3302263	8/8/90									73.0		475			
02S06W19E02	3302264	7/11/85									41.0	-0.1				
02S06W19E02	3302264	8/19/88	80.0	6.0	25.0	2.0	217.0	16.0	35.0			345	550	178	225	7.8
02S06W19E02	3302264	4/20/90									56.0					
02S06W19E02	3302264	3/11/91									79.0		435			
02S06W19E02	3302264	8/15/92	122.0	11.0	37.0	3.0	223.0	51.0	67.0	89.0	0.1	510	850			7.6
02S06W19E03		4/20/90									46.0	0.3				
02S06W19E03		4/20/90									46.0					
02S06W19E03		9/1/94	80.1	8.3	28.1	2.2	204.5	22.9	47.6	58.6	-0.1	348	610	168	244	7.8
02S06W19E03		3/11/91									51.0		335			
02S06W19E03		8/15/91	86.0	9.0	26.0	2.0	201.0	30.0	47.0	60.0	0.2	375	620			7.8
02S06W19E03		1/12/96									42.0					
02S06W19E03		1/13/96									55.2					
02S06W20B02		8/14/86	112.0	11.0	34.0	3.0	226.0	41.0	72.0	77.0	-0.1	545	800	185	326	7.4
02S06W20K04	0300179	9/30/85	110.0	12.0	63.0	4.0	268.0	79.0	102.0	15.0	0.3	580	930	220	325	6.8
02S06W20K04	0300179	12/5/90									18.0					
02S06W20K04	0300179	12/3/91	110.0	13.0	75.0	3.0	281.0	110.0	110.0	17.0	0.2	585	980	230	329	8.1
02S06W20K04	0300179	12/2/92	116.0	13.0	77.0	4.0	244.0	120.0	120.0	25.0	0.4	570	930	200	344	7.8
02S06W20K04	300179	8/1/89									19.0		580			
02S06W20K04	0300179	12/13/93	114.0	13.0	83.0	4.0	268.0	110.0	110.0	22.0	-0.1	648	1010	240	339	8.3
02S06W20K04	300179	8/8/90									19.0		565			
02S06W20K04	0300179	12/6/94	128.0	14.0	83.0	4.0	302.0	120.0	130.0	24.0	0.1	670	1000	248	377	7.3
02S06W20K04	0300179	2/7/95									22.0					
02S06W20K04	0300179	3/8/95									21.0					

**EXHIBIT C  
CHINO BASIN  
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State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W20K04	0300179	4/5/95									21.0						
02S06W20K04	0300179	5/2/95									23.0						
02S06W20K04	0300179	6/6/95									23.0						
02S06W20K04	0300179	8/2/95									29.0						
02S06W20K04	0300179	9/6/95									31.0						
02S06W20K04	0300179	10/11/95									31.0						
02S06W20K04	0300179	11/6/95									31.0						
02S06W20K04	0300179	12/4/95	125.0	13.0	82.0	13.0	293.0	120.0	120.0		31.0	0.1	677	1100	240	367	7.7
02S06W20K04	0300179	1/3/96									30.0						
02S06W21E01	3301715	11/18/85	144.0	16.0	87.0	4.0	326.0	111.0	149.0		35.0		745			427	7.0
02S06W21E01	3301715	2/2/87	138.0	14.0	83.0	4.0	308.0	124.0	125.0		23.0		675		253	404	7.4
02S06W21E01	3301715	2/16/88	114.0	13.0	71.0	4.0	275.0	112.0	97.0		16.0		565	940	225	339	7.6
02S06W21E01	3301715	2/22/88										0.2					
02S06W21E01	3301715	2/27/89	120.0	14.0	88.0	4.0	300.0	120.0	115.0		16.0		635	1090	245	359	7.4
02S06W21E01	3301715	1/29/90	112.0	12.0	90.0	3.0	305.0	113.0	105.0				625	1030	250	331	7.5
02S06W21E01	3301715	4/9/90									15.0						
02S06W21E01	3301715	8/10/92	94.0	13.0	86.0	4.0	180.0	130.0	120.0				620	1000	148	289	7.6
02S06W21E01	3301715	6/24/93									18.0						
02S06W21E01	3301715	10/5/93	108.0	12.0	86.0	4.0	302.0	120.0	110.0				645	1080	248	320	8.2
02S06W21E01	3301715	4/3/95									30.0						
02S06W21E01	3301715	3/2/92									14.0						
02S06W22		3/17/91									55.4		908				
02S06W22Q		3/17/91									47.5		936				
02S06W22Q		2/9/92	110.0	51.0	130.0	3.8	364.0	110.0	230.0		48.7		820	1530			7.5
02S06W26D02	3301380	8/14/86	90.0	35.0	95.0	6.0	296.0	85.0	150.0		38.0		720		243	397	7.3
02S06W27C		3/17/91									55.4		908				
02S06W27C		2/9/92	115.0	55.0	115.0	4.1	328.0	120.0	245.0		43.8		800	1520			7.4
02S06W28D01		11/18/85	106.0	8.0	80.0	5.0	247.0	146.0	75.0		18.0		595	960	203	299	7.2
02S06W28D01		2/16/88	93.0	15.0	77.0	5.0	284.0	115.0	86.0		8.0		545	900	233	295	7.7
02S06W28D01		2/22/88										0.2					
02S06W28D01		2/27/89	92.0	15.0	78.0	5.0	270.0	110.0	90.0		14.0		530	920	220	293	7.6
02S06W28D01		1/29/90	82.0	13.0	88.0	6.0	265.0	108.0	86.0				565	930	218	259	7.6
02S06W28D01		4/9/90									19.0						
02S06W28D01		6/26/92	91.0	16.0	82.0	6.0	259.0	110.0	90.0				575	940	213	294	8.1
02S06W28D01		8/25/92	88.0	16.0	86.0	6.0	250.0	115.0	96.0		33.0		570	9	205	287	7.8
02S06W28D01		6/24/93									23.0						
02S06W28D01		10/5/93	79.0	14.0	75.0	5.0	278.0	82.0	73.0				505	850	228	256	8.0
02S06W28E04		1/29/90	112.0	15.0	73.0	3.0	275.0	104.0	126.0				610	990	225	344	7.5
02S06W28E04		4/9/90									2.0						
02S06W28E04		7/8/92	108.0	14.0	71.0	3.0	244.0	120.0	110.0		4.0		580	880	200	329	7.5
02S06W28E04		6/24/93									4.0						

**EXHIBIT C  
CHINO BASIN  
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State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk (mg/l)	T. Hard (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S06W28E04		10/5/93	106.0	13.0	69.0	3.0	241.0	120.0	120.0				610	1010	198	319	8.1
02S06W28E04		2/6/95									7.0						
02S06W28E04		4/3/95									8.0						
02S06W28E04		5/1/95									8.0						
02S06W28E04		6/5/95									7.0						
02S06W28E04		6/16/95					253.0	120.0				610		208			7.7
02S06W28E04		7/3/95									7.0						
02S06W28E04		8/7/95									8.0						
02S06W28E04		9/5/95									7.0						
02S06W28E04		10/2/95									7.0						
02S06W28E04		11/6/95									7.0						
02S06W28E04		12/4/95									7.0						
02S06W29C		3/9/92									15.0						
02S06W29F02		11/18/85	120.0	12.0	63.0	3.0	253.0	92.0	111.0	26.0		620	980	208	350	6.9	
02S06W29F02		2/2/87	136.0	12.0	65.0	4.0	259.0	115.0	126.0	23.0		605		213	390	7.4	
02S06W29F02		2/16/88	124.0	12.0	64.0	4.0	271.0	113.0	110.0	26.0		605	940	223	360	7.6	
02S06W29F02		2/22/88									-0.1						
02S06W29F02		2/27/89	112.0	11.0	51.0	3.0	214.0	93.0	103.0	11.0		485	880	175	326	7.5	
02S06W29F02		1/29/90	110.0	11.0	50.0	3.0	204.0	89.0	110.0			510	840	168	320	7.6	
02S06W29F02		4/9/90								24.0	0.2						
02S06W29F02		8/10/92	124.0	13.0	68.0	4.0	244.0	130.0	123.0			630	960	200	364	7.6	
02S06W29F02		6/24/93								39.0	0.7						
02S06W29F02		10/5/93	130.0	12.0	68.0	4.0	271.0	120.0	120.0			665	1110	223	375	8.1	
02S06W29F02		4/10/95								44.0							
02S06W29F02		5/8/95								27.0							
02S06W29F02		6/12/95								48.0							
02S06W29F02		7/28/95								48.0							
02S06W29F02		1/15/96								31.0							
02S06W29P	300052	2/2/96	148.0	33.7	107.0	21.1	239.0	109.0	109.0	88.9	0.4	936	1420	490	392	7.0	
02S06W29P	300051	3/10/97	92.1	19.6	64.3	25.4	348.0	99.1	65.5	23.5	0.6	536	940	322	285	7.1	
02S06W29P02	300052	2/17/91								37.0		632					
02S06W29P02		2/1/92	135.0	30.0	110.0	5.5	407.0	145.0	130.0	53.1	0.6	830	1320				7.5
02S06W30B02	300189	2/17/91								86.4		572					
02S06W30B02		2/9/92	54.0	6.2	25.0	2.1	193.0	16.0	19.0	25.2	0.2	270	415				7.9
02S06W31D	300083	11/20/95	222.0	27.6	142.0	4.1	220.0	213.0	211.0	104.0	0.1	1330	1840	705	361	7.0	
02S06W31D	300083	11/30/95	209.0	25.5	135.0	4.9	224.0	21.0	210.0	92.8	-0.1	1300	1940	760	367	7.1	
02S06W31D	300083	1/16/96	251.0	31.4	151.0	4.2	239.0	209.0	212.0	103.0	-0.1	1160	1780	810	392	7.3	
02S06W31D	300083	1/18/96	252.0	30.9	158.0	4.5	239.0	208.0	212.0	99.1	-0.1	1300	1820	750	392	7.1	
02S06W31D	300083	1/23/96	251.0	34.1	140.0	4.9	239.0	216.0	204.0	24.7	-0.1	1270	1870	770	392	6.9	
02S06W31D	300083	2/2/96	250.0	29.5	151.0	4.3	240.0	219.0	212.0	147.0	-0.1	1160	1800	732	393	7.1	
02S06W31D	300083	2/6/96	211.0	27.0	135.0	4.2	239.0	86.0	212.0	101.0	-0.1	1300	1840	800	392	7.1	

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
02S06W31D	300027	3/10/97	224.0	24.6	127.0	4.4	436.0	181.0	206.0	111.2	-0.1	1158	1806	677	357	6.9
02S06W31D05	300083	2/17/91								85.6		1190				
02S06W31D05		2/1/92	250.0	28.0	135.0	4.3	517.0	210.0	200.0	93.0	-0.1	1090	1850			7.2
02S06W36H02		1/3/91								16.0		1330				
02S06W36H02		8/15/91	207.0	26.0	136.0	5.0	397.0	330.0	170.0	27.0	0.1	1090	1710			7.5
02S07W06E03	600417	9/10/90								14.8		218				
02S07W06E03	600417	9/9/91	41.0	11.9	18.0	1.5	188.9	15.2	8.7	18.1	0.2		380			8.0
02S07W06J06		5/23/89	55.0	13.1	18.1	2.0	188.0	21.4	12.6	42.2	0.4	298	480	154	191	7.6
02S07W06Q	600299	2/24/97	89.7	21.9	21.2	2.6	217.0	32.9	41.5	101.4	0.2	482	728	327	178	7.5
02S07W06Q01		11/19/90	74.0	18.3	22.9	2.2		31.7	27.8	83.4	0.2	372	599	260	173	
02S07W06Q01		1/19/92	64.0	18.0	20.0	2.3	222.0	27.0	25.0	62.0	0.2	320	545			8.1
02S07W07A	3600437	11/19/90	59.0	13.8	23.6	2.2		26.8	20.7	63.3	0.3	316	490	204	151	
02S07W07A	3600437	3/11/97	76.9	18.0	19.4	2.4	212.0	29.7	25.1	77.5	0.2	390	584	262	174	7.7
02S07W07A01	600300	11/19/90								63.3		316				
02S07W07A01		11/30/95	61.8	16.9	24.8	2.8	97.0	28.0	33.0	77.0	0.4	464	595	285	159	8.0
02S07W07A02		11/19/90	128.0	32.3	27.7	2.4		87.6	56.2	178.0	0.3	684	952	453	206	
02S07W07A02		1/19/92	64.0	19.0	20.0	2.2	223.0	35.0	24.0	66.4	0.2	330	570			8.0
02S07W07A02		11/30/95	62.9	17.0	22.9	2.7	104.0	34.0	28.0	64.7	0.2	416	606	273	170	7.7
02S07W07H	3600811	2/24/97	48.0	11.9	18.8	2.0	195.0	13.8	7.5	18.6	0.2	260	380	171	160	7.6
02S07W07H	3600811	2/24/97	50.1	12.1	18.9	2.0	194.0	14.4	8.5	18.2	0.3	232	397	174	159	7.6
02S07W07H	3600811	2/25/97	51.6	12.3	18.9	2.0	193.0	14.7	9.5	18.6	0.3	239	401	171	158	7.8
02S07W07H	3600811	3/10/97	50.3	12.7	19.6	2.0	200.0	12.3	38.0	18.2	0.3	233	408	189	164	7.5
02S07W07H	3600811	3/11/97	49.8	12.0	18.0	1.9	200.0	15.5	6.1	17.7	0.3	250	382	174	164	7.6
02S07W07K	600305	2/24/97	36.3	6.0	27.4	1.9	163.0	15.4	5.5	7.5	0.2	186	327	115	134	7.5
02S07W08M	600176	2/24/97	80.5	19.4	21.2	2.3	261.0	25.7	25.0	49.2	0.2	329	612	282	214	7.5
02S07W08M02	600176	2/24/91								44.1		348				
02S07W08M02		2/2/92	72.0	18.0	21.0	2.4	279.0	25.0	22.0	41.6	0.3	320	565			7.7
02S07W08M02		11/20/95	61.4	17.6	24.7	2.4	114.0	27.0	24.0	44.4	0.2	452	561	284	187	7.5
02S07W09P	600230	3/10/97	252.0	30.1	156.0	5.0	553.0	226.0	233.0	156.3	-0.1	4634	2170	809	453	6.9
02S07W10B01		11/19/90	108.0	30.3	41.8	2.3		48.0	72.0	100.0	0.2	620	912	394	249	
02S07W10B01		1/19/92	90.0	25.0	31.0	2.4	303.0	44.0	54.0	57.6	0.2	450	740			7.7
02S07W11		3/16/91								24.5		288				
02S07W11A01	3601761	3/16/91								24.5		280				
02S07W11A01	3601761	2/10/92	64.0	15.0	24.0	1.7	240.0	14.0	34.0	34.5	0.2	290	530			8.1
02S07W12B01		3/16/91								12.2		196				
02S07W12B01		2/8/92	47.0	7.9	15.0	1.5	187.0	7.4	14.0	12.0	0.1	210	345			7.9
02S07W12D	600400	1/16/96	49.4	9.6	22.9	1.6	92.0	4.0	24.0	18.7	0.1	236	396	178	150	7.4
02S07W12D	600419	2/25/97	57.7	9.0	17.6	1.7	179.0	9.1	18.0	18.2	0.1	252	394	180	147	8.0
02S07W13B01		2/9/92	42.0	6.9	26.0	2.3	175.0	22.0	9.6		0.2	230	360			8.0
02S07W13M	600397	1/23/96	38.3	10.2	20.2	1.9	79.0	7.0	12.0	12.3	0.1	240	329	138	129	7.5
02S07W13M	600397	2/25/97	39.3	8.4	14.7	1.6	155.0	8.2	5.5	9.7	0.2	205	301	131	127	7.9

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
02S07W13M01	600397	2/17/91									8.6	204				
02S07W13M01		2/1/92	35.0	7.8	14.0	1.5	157.0	9.1	8.2	8.0	0.2	180	290			7.9
02S07W14E02	600282	2/24/91								39.0		336				
02S07W14E02		2/2/92	65.0	16.0	23.0	2.1	248.0	23.0	29.0	34.5	0.2	330	535			7.8
02S07W15A	3601111	1/23/96	167.0	52.2	42.2	2.8	199.0	67.0	90.0	182.0	0.1	904	1320	592	327	7.1
02S07W15A	3601111	2/25/97	190.0	52.1	45.7	3.1	443.0	70.2	108.0	214.3	0.2	916	1442	695	363	7.4
02S07W15A03	3601111	2/22/91								154.0		762				
02S07W15A03		2/2/92	160.0	42.0	37.0	2.7	369.0	70.0	99.0	177.1	0.2	700	1230			7.8
02S07W16D	600342	2/24/97	224.0	62.8	39.7	3.4	397.0	79.4	128.0	328.2	0.2	1135	1718	841	356	7.1
02S07W16D	600245	2/25/97	313.0	26.7	203.0	5.5	388.0	244.0	390.0	281.7	0.1	1774	2620	931	318	6.9
02S07W16D03	600342	2/24/91								256.0		952				
02S07W16D03		2/8/92	195.0	53.0	34.0	2.9	376.0	72.0	94.0	261.3	0.2	820	1450			7.6
02S07W16D03		11/20/95	210.0	64.0	45.0	3.0	198.0	90.0	121.0	362.0	0.1	1420	1780	938	325	7.3
02S07W16H	600179	3/2/91								43.1		200				
02S07W16H	3600429	2/8/92	92.0	22.0	29.0	2.5	267.0	40.0	47.0	75.3	0.1	410	745			7.7
02S07W16H	3600429	11/20/95	50.7	14.2	33.5	2.0	80.0	37.0	36.0	47.3	0.1	504	598	312	131	7.6
02S07W16H	600179	2/24/97	136.0	39.8	32.7	2.7	316.0	74.5	86.2	173.6	0.2	753	1178	542	259	7.3
02S07W16J	3600162	3/2/91								442.0		1420				
02S07W16J	3600162	2/8/92	320.0	90.0	79.0	4.0	553.0	120.0	210.0	487.1	0.1	1370	2420			7.3
02S07W17R	600192	2/24/97	105.0	15.9	45.9	3.0	209.0	38.1	69.0	166.5	0.1	542	895	347	171	7.0
02S07W17R01	600192	2/24/91								118.0		464				
02S07W17R01		2/8/92	88.0	13.0	44.0	2.6	224.0	32.0	51.0	115.1	0.1	490	750			7.8
02S07W17R01		1/16/96	87.9	14.7	50.8	3.3	105.0	37.0	60.0	121.0	0.1	544	792	298	172	7.2
02S07W18K01	600248	2/24/91								113.0		520				
02S07W18K01		2/2/92	115.0	32.0	27.0	3.1	334.0	47.0	62.0	128.4	0.2	500	955			7.5
02S07W18K01		1/16/96	166.0	51.3	47.4	3.2	197.0	73.0	96.0	190.0	0.1	920	1260	592	323	6.5
02S07W19	3602691	3/12/97	68.2	15.8	19.4	2.3	185.0	40.0	28.5	37.6	0.2	316	541	232	152	7.6
02S07W19	600437	3/12/97	210.0	54.7	37.2	3.9	317.0	90.0	156.0	263.9	0.1	980	1503	700	260	7.2
02S07W19B01	3600343	2/23/89								242.0		860				
02S07W19B01	3600343	5/22/91								224.0		980				
02S07W19B01		4/30/92	185.0	49.0	37.0	3.6	304.0	75.0	175.0	283.4	0.1	1030	1530			7.4
02S07W19B01		4/10/96	137.0	49.5	42.4	3.4	259.0	74.0	129.0	192.0	0.1	776	1360	479	212	7.5
02S07W19D01	3601960	2/23/89								14.0		580				
02S07W19D01	3601960	4/30/92	115.0	31.0	28.0	3.0	249.0	53.0	91.0	155.0	0.2	620	985			7.6
02S07W19D01	3601960	4/10/96	78.5	20.1	37.0	3.0	204.0	93.0	34.0	51.7	0.1	348	661	240	167	7.6
02S07W19D01	3601960	3/12/97	132.0	33.3	25.9	3.1	261.0	78.9	90.0	157.2	0.2	675	1076	484	214	7.3
02S07W19L	3602333	3/27/90								66.5		460				
02S07W19L01		3/27/90								93.0		590				
02S07W19N01	3602691	2/23/89								17.0		240				
02S07W19N01	3602691	5/22/91								25.1		288				
02S07W19N01		4/30/92	53.0	12.0	31.0	2.2	187.0	43.0	28.0	27.5	0.3	300	510			7.9

**EXHIBIT C**  
**CHINO BASIN**  
**GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S07W19N01		4/10/96	54.5	17.6	39.2	2.5	184.0	49.0	35.0	44.6	0.2	350	615	182	151	7.7	
02S07W20A	3600423	2/24/97	189.0	47.8	38.7	3.5	244.0	69.2	128.0	285.6	0.1	975	1516	708	200	7.0	
02S07W20B	3600424	3/2/91								243.0		704					
02S07W20B	3600424	2/8/92	170.0	42.0	37.0	3.1	345.0	65.0	100.0	225.9	0.2	790	1320			7.7	
02S07W20H	600429	2/24/97	234.0	58.8	60.1	3.8	538.0	91.5	148.0	267.9	-0.1	1164	1826	856	441	6.6	
02S07W20H03	3600050	2/22/91								263.0		1030					
02S07W20H03	3600050	2/2/92	210.0	49.0	55.0	3.8	450.0	93.0	130.0	261.3	0.1	910	1620			7.3	
02S07W20H03	3600050	1/18/96	248.0	66.8	70.9	3.8	257.0	99.0	146.0	297.0	0.1	1370	1820	902	421	7.0	
02S07W21C	600122	2/6/96	123.0	31.2	45.8	2.8	143.0	59.0	87.0	148.0	0.1	744	1030	464	234	7.5	
02S07W21C	3600427	2/24/97	140.0	32.2	39.6	2.9	303.0	55.8	95.0	162.5	0.1	732	1138	501	248	7.1	
02S07W21D	3602565	3/2/91								52.1		180					
02S07W21D	3602565	2/8/92	55.0	13.0	38.0	1.9	211.0	32.0	28.0	48.7	0.2	320	550			7.9	
02S07W21D	3602565	1/16/96	56.1	14.5	44.1	2.1	99.0	27.0	34.0	60.2	0.2	364	590	217	162	6.9	
02S07W21D	3602565	2/24/97	65.1	13.7	39.3	2.1	198.0	30.5	31.5	22.1	0.2	346	589	217	162	7.3	
02S07W21E	3600427	3/16/91								119.0		592					
02S07W21E		2/8/92	110.0	24.0	32.0	2.5	272.0	43.0	67.0	110.7	0.2	480	880			7.9	
02S07W21L	3602588	2/24/97	240.0	64.8	70.6	3.5	604.0	95.9	167.0	220.5	0.1	1176	1866	856	495	6.8	
02S07W21L04	3602588	3/2/91								184.0		864					
02S07W21L04		2/8/92	195.0	56.0	74.0	3.2	504.0	79.0	115.0	181.6	0.1	900	1630			7.4	
02S07W21L04		1/18/96	199.0	69.9	82.0	3.4	282.0	94.0	155.0	168.0	0.1	1160	1690	851	463	7.3	
02S07W22D	3600225	2/24/97	184.0	53.1	51.1	3.3	710.0	69.6	81.5	39.4	0.1	883	1396	708	582	6.7	
02S07W22D01	3600224	3/2/91								28.8		432					
02S07W22D01		2/8/92	95.0	23.0	35.0	2.5	399.0	25.0	31.0	22.6	0.1	420	750			7.8	
02S07W22D01		2/5/96	85.8	22.9	43.0	3.1	200.0	37.0	38.0	16.0	0.1	492	759	293	328	7.2	
02S07W22K01	3600504	3/2/91								16.8		216					
02S07W22K01	3600504	2/2/92	46.0	11.0	20.0	2.0	212.0	12.0	12.0	14.2	0.2	230	380			7.7	
02S07W22K01	3600504	1/23/96	79.0	21.9	28.0	2.8	126.0	30.0	37.0	52.4	0.1	452	657	309	207	7.1	
02S07W22K01W	3600503	2/24/97	117.0	30.3	40.6	2.6	314.0	38.8	58.0	102.7	0.2	546	888	394	257	7.1	
02S07W23B	600064	2/25/97	191.0	42.6	52.5	3.0	453.0	41.3	100.0	211.2	1.2	830	1334	616	371	7.4	
02S07W23B02	600065	2/17/91								172.0		764					
02S07W23B02		2/1/92	145.0	33.0	44.0	2.5	377.0	40.0	88.0	163.9	0.2	690	1130			7.5	
02S07W23B02		1/23/96	177.0	48.1	55.1	3.7	221.0	44.0	96.0	203.0	0.1	992	1350	604	362	7.1	
02S07W24J	3301443	2/25/97	114.0	13.0	53.4	2.9	265.0	37.3	80.5	105.0	0.1	597	902	350	217	7.4	
02S07W24K	3300001	1/23/96	130.0	17.3	60.0	3.2	146.0	41.0	84.0	32.5	0.1	696	972	420	239	7.0	
02S07W24K01	3300749	2/17/91								112.0		628					
02S07W24K01		2/1/92	100.0	12.0	33.0	2.7	255.0	30.0	64.0	84.1	0.2	460	760			7.7	
02S07W25J02	3301775	2/17/91								99.1		1140					
02S07W25J02		2/1/92	220.0	26.0	65.0	3.7	344.0	140.0	205.0	97.4	-0.1	930	1510			7.8	
02S07W25R	300037	11/20/95	181.0	25.8	58.4	4.0	122.0	115.0	175.0	162.0	0.1	1300	1350	604	200	7.4	
02S07W25R	3301899	2/25/97	190.0	24.7	51.9	3.7	245.0	114.0	180.0	165.2	-0.1	958	1382	630	201	7.4	
02S07W26A	300002	2/2/96	117.0	29.7	34.4	2.0	142.0	27.0	72.0	146.0	0.1	696	951	428	233	7.3	



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S07W26A	600564	2/25/97	226.0	56.1	79.6	3.2	555.0	86.2	155.0	263.5	0.1	1143	1754	776	455	7.4	
02S07W26A02	300002	2/22/91								192.0		832					
02S07W26A02		2/2/92	180.0	44.0	61.0	2.9	450.0	61.0	110.0	203.7	0.1	800	1400			7.3	
02S07W26L04		2/9/92	155.0	38.0	60.0	2.5	388.0	48.0	105.0	181.6	0.1	710	1300			7.7	
02S07W26P	300057	1/23/96	4.1	0.7	344.0	0.6	209.0	54.0	110.0	234.0	0.1	1020	1570	12	342	7.2	
02S07W26P	300057	3/10/97	165.0	40.0	66.6	3.0	414.0	58.6	110.0	252.4	0.1	879	1456	604	339	7.1	
02S07W27	300196	2/25/97	0.9	0.1	223.0	0.3	330.0	38.6	67.0	114.7	0.2	630	954	3	271	7.6	
02S07W27A	3301477	1/18/96	118.0	32.6	41.3	2.6	172.0	39.0	66.0	115.0	0.1	476	941	451	282	7.3	
02S07W27A03	3301477	2/22/91								109.0		584					
02S07W27A03		2/2/92	120.0	31.0	35.0	2.6	366.0	40.0	62.0	101.9	0.2	550	955			8.1	
02S07W28C01	3601954	2/22/91								113.0		564					
02S07W29L04		2/9/92	205.0	45.0	52.0	3.4	370.0	100.0	115.0	159.4	0.1	900	1530			7.5	
02S07W30J01	600399	3/2/91								21.1		220					
02S07W30J01	600399	2/1/92	59.0	11.0	37.0	2.3	218.0	67.0	17.0	17.7	0.3	320	520			7.8	
02S07W30J01	600399	1/16/96	103.0	20.6	46.9	2.9	120.0	137.0	36.0	43.0	0.2	536	804	355	196	7.0	
02S07W30J01	600399	2/25/97	161.0	29.5	41.7	3.5	298.0	237.0	50.0	61.6	0.1	794	1079	535	244	7.8	
02S07W31A	600393	11/30/95	64.8	12.1	60.7	3.4	117.0	70.0	55.0	39.4	0.2	536	793	416	191	7.6	
02S07W31H	600171	2/24/97	74.0	10.4	58.4	2.5	227.0	63.4	47.5	40.7	0.2	428	689	243	186	7.3	
02S07W31H02	600172	2/16/91								26.2		354					
02S07W31H02		1/19/92	42.0	5.8	53.0	2.2	186.0	48.0	22.0	19.9	0.3	300	460			8.1	
02S07W32K04		9/18/89	82.0	6.0	87.0	3.0	174.0	142.0	77.0	49.0	0.5	505	850	43	230	7.5	
02S07W32K04		11/13/91								59.6							
02S07W32K04		5/29/92								70.0		588			328		
02S07W32K04		10/24/94	110.0	7.4	8.0	2.7	160.0	124.0	85.0	44.3		545	1090	160	315	7.2	
02S07W32K04		8/7/95								60.8							
02S07W32K04		8/22/95	60.0	7.9	85.0	2.4	140.0	110.0	90.0	58.8	0.6	460	920	140	232	0.3	
02S07W32K04		10/9/95								61.8							
02S07W32K04		10/23/95								66.0							
02S07W32K04		11/13/95								66.0							
02S07W32K04		11/27/95								66.0							
02S07W34D	300065	1/23/96	369.0	104.0	76.6	5.0	227.0	251.0	292.0	451.0	0.1	2280	2470	1240	372	6.7	
02S07W34D	300065	2/25/97	371.0	93.6	70.6	4.8	449.0	223.0	282.0	469.4	0.1	1760	2510	1252	368	7.0	
02S07W34D02	300065	2/16/91								218.0		1020					
02S07W34D02		2/1/92	215.0	52.0	53.0	3.7	425.0	160.0	115.0	221.4	0.1	980	1580			7.4	
02S07W35C01	300079	2/22/91								224.0		932					
02S07W35C01	3301354	2/1/92	185.0	40.0	65.0	-1.0	432.0	57.0	120.0	221.4	0.1	860	1480			7.4	
02S07W36A04	3302119	2/17/91								79.4		1200					
02S07W36A04		2/9/92	235.0	26.0	155.0	4.6	499.0	240.0	205.0	97.4	0.1	1180	1900			7.2	
02S07W36A04		11/20/95	227.0	28.8	160.0	4.8	234.0	245.0	218.0	125.0	0.1	1420	1930	765	383	7.0	
02S07W36H02	3302115	7/1/85								15.0	0.4						
02S07W36H02	3302115	12/26/90	200.0	25.0	158.0	4.0	366.0	380.0	190.0	12.0	0.1	1100	1730	275	602	7.4	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Fluoride (mg/L)						
02S07W36H02	3302115	3/11/91	224.0	29.0	142.0	5.0	360.0	403.0	200.0	19.0	-0.1	1190	1650	295	680	7.4	
02S07W36H02	3302115	4/11/91	230.0	31.0	146.0	5.0	366.0	430.0	200.0	25.0	0.1	1200	2050	300	702	7.5	
02S07W36H02	3302115	10/26/93	159.2	1.7	116.4	3.4	345.5	207.4	109.0	27.5	0.7	795	1410	283	405	7.2	
02S07W36H02	3302115	9/1/94	208.2	22.6	134.4	3.8	469.5	200.0	160.0	43.5	0.6	1004	1690	385	620	7.5	
02S08W04J01	1903126	3/4/87	72.1	5.4	14.6	2.2	188.9	41.0	10.6	16.9	0.4	267	460	155	195	7.8	
02S08W04J01	1903126	4/11/89			13.6	1.8	187.4	33.5	21.0	23.2	0.3	289	490	154		8.1	
02S08W04J01	1903126	6/2/92	75.7	11.6	16.2	2.0	202.0	67.5	17.6	18.8	0.3	316	507	166	242	7.5	
02S08W04J01	1903126	10/19/93	77.7	12.0	16.8	1.5	215.0	60.6	15.9	18.5	0.4	305	502	175	242	7.7	
02S08W04J01	1903126	10/20/94								21.8							
02S08W04J01	1903126	12/31/90								17.1		272					
02S08W04J01	1903126	2/2/95								27.8							
02S08W04J01	1903126	4/10/91	69.5	10.8	11.7	1.8	205.0	42.0	12.0	19.0	0.4	276	425			7.6	
02S08W04J01	1903126	7/21/95	82.6	13.3	15.9	1.9	221.0	62.2	17.8	23.6	0.3	318	513	181	257	7.7	
02S08W09B01		9/22/88	72.3	13.3	20.2	2.2	204.8	58.9	16.0	26.8	0.2	311	550	168	231	7.3	
02S08W09B01		5/11/95	63.8	11.2	20.7	1.8	185.4	62.4	14.0	31.5	0.2	297	510	152	214	7.9	
02S08W09H03	3601947	9/22/88	95.7	15.3	19.5	2.2	231.2	87.2	24.1	32.9	0.2	399	700	190	303	7.2	
02S08W10B		3/30/91								18.9		356					
02S08W10B		2/9/92	29.0	14.0	75.0	3.1	138.0	64.0	86.0	10.2	0.2	340	625			8.1	
02S08W10P	600489	4/25/89	9.0	1.0	80.0	1.0	55.0	47.0	59.0	1.0	0.5	245		27	73	8.7	
02S08W10P	600489	5/29/90	14.0	0.5	64.0	4.8	98.0	39.0	37.0	1.0	0.3	218		36	80	8.4	
02S08W10P	600489	6/3/91	5.8	0.2	65.0	0.6	-1.0	42.8	52.4	-1.0	0.4	200				8.9	
02S08W11L01	3602105	9/10/90								11.2		223					
02S08W11L01	3602105	9/9/91	46.0	11.4	12.2	1.4	177.6	18.2	9.9	14.5	0.2		360			8.0	
02S08W11L04		3/14/94	45.7	18.2	15.5	1.5	175.7	20.5	36.4	17.0	0.3	241	450	144	189	7.9	
02S08W11L04		11/15/94								15.3							
02S08W11L04		8/3/95	49.7	11.4	14.8	1.6	173.0	18.0	13.5	20.3	0.2	215	380	142	168	8.3	
02S08W11L04		11/8/95								32.6							
02S08W11M01	3601618	8/6/84	41.2	7.6	14.4	1.7	166.0	16.0	11.0	6.0	0.4	225	350	136	143	8.3	
02S08W11M01	3601618	8/5/85	39.8	8.6	17.5	1.7	164.0	16.8	7.6	9.5	0.2	213	350	134	148	8.4	
02S08W11M01	3601618	8/14/86	37.2	8.8	12.6	1.7	169.0	15.9	2.4	10.0	0.2	248	350	139	152	7.7	
02S08W11M01	3601618	8/20/87	44.5	7.9	14.8	2.1	168.4	17.6	7.2	10.5	0.2	241	350	138	144	7.9	
02S08W11M01	3601618	8/11/88	48.4	10.3	12.3	1.4	164.4	17.6	8.4	10.6	0.2	216	370	135	163	7.6	
02S08W11M01	3601618	8/1/89								12.5	0.2						
02S08W11M01	3601618	9/10/90	46.5	9.4	13.8	1.7	181.5	14.3	9.4	11.2	0.2	223	360	149	155	8.0	
02S08W11M01	3601618	9/9/91	46.0	11.4	12.2	1.4	177.6	18.2	9.9	14.5	0.2	187	360	146	162	8.0	
02S08W11M01	3601618	9/2/92	36.2	16.0	14.2	0.9	170.8	18.3	9.8	14.5	0.2	180	350	140	156	8.1	
02S08W11M01	3601618	9/2/93	45.7	11.2	15.6	1.8	174.2	16.2	11.3	16.9	0.2	205	380	143	160	7.9	
02S08W11M01	3601618	8/11/94	44.5	10.3	14.6	1.4	174.7	19.2	12.3	19.8	0.2	208	380	143	164	8.1	
02S08W11M01	3601618	11/15/94								18.1							
02S08W11M01	3601618	3/2/95								18.5							
02S08W11M01	3601618	3/30/95								20.2	0.2						

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S08W11M01	3601618	8/3/95	47.4	11.3	15.9	1.6	181.5	16.4	10.2	20.5	0.2	213	370	149	167	8.1	
02S08W11M01	3601618	12/7/95								19.7							
02S08W12K01		9/16/87	54.2	8.4	16.4	2.1	184.7	13.5	9.7	21.3	0.3	272	400	151	163	7.6	
02S08W12K01		8/1/89	48.4	13.3	17.1	1.9	194.7	16.0	10.2	29.8	-0.1	273	450	160	176	8.0	
02S08W12K01		9/10/90	47.3	18.0	15.9	1.9	202.5	13.6	11.5	31.2	0.2	264	440	166	192	7.8	
02S08W12K01		9/9/91	50.1	17.5	15.9	1.7	208.9	20.3	13.4	37.7	0.2	242	450	171	197	7.9	
02S08W12K01		9/2/92	53.7	15.6	17.0	1.2	197.6	19.3	12.8	34.7	0.2	235	440	162	198	8.0	
02S08W12K01		9/2/93	54.5	14.4	16.6	1.8	196.2	16.6	13.1	32.6	0.1	246	460	161	195	7.9	
02S08W12K01		1/6/94								33.9							
02S08W12K01		2/3/94								34.2							
02S08W12K01		3/3/94								29.8							
02S08W12K01		8/1/94	57.7	12.1	18.3	1.7	203.5	19.6	14.5	41.8	0.2	266	480	167	204	8.0	
02S08W12K01		9/10/90								31.2		264					
02S08W12K01		11/15/94								36.5							
02S08W12K01		2/16/95								38.4							
02S08W12K01		3/1/95								14.9							
02S08W12K01		3/8/95								31.0							
02S08W12K01		3/9/95								33.1							
02S08W12K01		3/10/95								33.8							
02S08W12K01		3/11/95								34.1							
02S08W12K01		3/12/95								34.6							
02S08W12K01		3/13/95								37.4							
02S08W12K01		3/14/95								37.4							
02S08W12K01		3/27/95								36.8							
02S08W12K01		3/30/95								36.7	0.2						
02S08W12K01		5/4/95								38.4							
02S08W12K01		8/3/95	58.5	14.2	17.1	1.8	200.1	19.4	14.4	45.6	0.2	270	480	164	218	8.1	
02S08W12K01		8/24/95								51.2							
02S08W12K01		8/28/95								50.2							
02S08W12K01		8/30/95								50.2							
02S08W12K01		8/31/95								50.2							
02S08W12K01		9/9/91	50.1	17.5	15.9	1.7	208.9	20.3	13.4	37.7	0.2		450			7.9	
02S08W12K01		12/14/95								33.4							
02S08W13B01	600251	2/24/91								16.5		220					
02S08W13J	3600342	3/12/97	117.0	29.2	21.4	2.8	270.0	51.9	58.0	152.3	0.2	532	892	424	221	7.3	
02S08W13J02	3600342	2/23/89								48.0		310					
02S08W13J02	3600342	5/22/91								101.0		480					
02S08W13J02		4/30/92	94.0	26.0	23.0	2.7	249.0	48.0	48.0	124.0	0.2	490	810			7.6	
02S08W13J02		4/10/96	99.1	30.6	27.8	2.8	253.0	49.0	53.0	129.0	0.1	484	868	314	208	7.5	
02S08W13J03		2/23/89								106.0		520					
02S08W13J03		5/22/91								84.6		372					

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Fluoride (mg/L)						
02S08W13J03		4/30/92	81.0	19.0	22.0	2.5	236.0	37.0	38.0	84.1	0.2	390	660			7.7	
02S08W13L	3600341	3/12/97	81.0	18.1	22.0	2.5	226.0	33.1	30.0	74.0	0.2	400	636	283	185	7.5	
02S08W14C01		8/6/84	8.6	0.8	46.9	1.2	120.0	15.0	11.0	5.0	0.5	169	250	98	26	8.2	
02S08W14C01		8/14/84	4.8	0.4	47.9	0.8	82.9	29.5	2.8	3.3	0.4	177	250	81	19	8.4	
02S08W14C01		8/5/85	5.1	1.8	51.3	0.8	97.0	29.9	8.3	3.7	0.5	162	275	80	34	8.7	
02S08W14C01		8/20/87	6.1	1.0	52.4	1.0	101.8	29.6	7.6	3.4	0.5	176	260	83	19	8.2	
02S08W14C01		8/11/88	8.0	2.2	49.4	1.0	98.2	29.8	11.7	3.2	0.5	156	270	81	29	8.1	
02S08W14C01		8/1/89								3.5	0.4						
02S08W14C01		9/10/90	8.0	2.8	48.8	0.8	117.1	20.5	8.5	4.6	0.4	195	270	96	32	8.7	
02S08W14C01		9/9/91	8.7	5.6	45.7	0.7	111.3	24.1	8.0	7.3	0.4	146	270	91	45	9.0	
02S08W14C01	3601938	9/10/90								4.6		195					
02S08W14C01		9/9/91	8.7	5.6	45.7	0.7	111.3	24.1	8.0	7.3	0.4		270			9.0	
02S08W14J	3600340	3/12/97	52.4	9.9	25.2	2.2	183.0	27.9	17.9	39.4	0.3	262	462	173	150	7.7	
02S08W14N92W	600488	2/9/90	8.7	0.5	52.0	5.2	66.0	47.0	8.8	1.3	-0.1	136		24	84	9.3	
02S08W14N92W	600488	8/30/90	3.2	3.6	54.0	0.6	114.7	26.4	9.4	2.2	0.4	154		23	94	9.1	
02S08W14N92W	600488	1/23/91	3.2	0.6	55.0	0.5	97.6	27.2	9.9	7.3	0.5	148		10	80	9.1	
02S08W14N92W	600488	6/3/91	4.0	0.3	46.0	0.5	-1.0	27.2	8.5	4.6	0.4	131				9.0	
02S08W15C02	3601916	8/15/84	83.9	17.9	19.0	2.8	175.0	90.9	30.1	12.1	0.2	487		283	192	7.9	
02S08W15C02	3601916	9/20/85	70.2	14.9	19.0	2.3	175.0	90.9	30.1	20.9	0.2	385		237	175	7.5	
02S08W15C02	3601916	9/24/86	85.2	15.5	20.0	1.9	182.0	96.8	24.1	16.7	0.2	392		277	182	7.8	
02S08W15C02	3601916	10/15/87	87.0	15.8	22.0	2.0	184.0	103.0	24.4	20.7	0.2	436		256	187	7.5	
02S08W15C02	3601916	8/9/89	70.6	13.9	22.0			74.4	21.1	20.8	0.2	376		273	158	8.0	
02S08W15C02	3601916	2/25/91								22.0							
02S08W15C02	3601916	4/3/91								23.1							
02S08W15C02	3601916	6/3/91	68.9	21.4	17.0	1.8	-1.0	69.9	20.9	22.6	0.1	308				7.7	
02S08W15C03	3601917	8/15/84	58.7	12.3	16.0	2.4	164.0	56.4	11.8	17.3	0.2	320		197	164	7.9	
02S08W15C03	3601917	9/22/88	75.0	14.9	18.9	2.0	204.8	85.6	20.8	20.2	0.2	349	615	168	249	7.5	
02S08W15C03	3601917	11/18/88	83.5	17.0	18.3	2.0	208.8	82.2	31.5	21.4	-0.1	366	630	171	278	7.2	
02S08W15C03	3601917	9/20/85	67.5	12.9	1.0	2.4	166.0	71.6	22.5	22.9	0.2	262		222	166	7.5	
02S08W15C03	3601917	8/16/90	74.8	17.8	18.8	2.1	217.2	65.1	18.2	23.3	0.1	348	580	178	260	7.8	
02S08W15C03	3601917	9/24/86	82.2	14.3	20.0	1.7	178.0	85.0	20.0	20.3	0.2	372		264	178	7.8	
02S08W15C03	3601917	1/16/91	71.6	16.8	19.6	2.0	208.9	69.8	19.7	25.9	0.1	325	560	171	248	7.8	
02S08W15C03	3601917	6/3/91	68.9	21.4	16.8	1.8	207.9	69.9	20.9	22.6	0.1	308	580	170	260	7.7	
02S08W15C03	3601917	9/3/87	68.2	16.3	17.0	2.0	169.0	89.6	13.7	21.4	0.2	332		238	169	7.6	
02S08W15C03	3601917	9/22/88	69.5	12.6	16.0	1.8	187.0	67.7	15.6	21.6	0.1	322		224	153	7.4	
02S08W15C03	3601917	11/18/88	66.6	10.5	22.0	2.3	188.6	63.3	19.6	22.5	-0.1	318		210	155	7.4	
02S08W15C03	3601917	5/18/93					187.0			26.1	0.3	348		156	188	7.6	
02S08W15C03	3601917	8/30/89	71.2	12.7	20.0			65.3	16.7	22.4	0.2	328		236	162	8.0	
02S08W15C03	3601917	11/10/93	80.0	16.8	18.9	2.3	182.0	69.1	62.0	30.4	0.3	414	623	152	272	7.7	
02S08W15C03	3601917	8/30/90	72.0	25.0	21.0	2.3	225.0	86.0	24.0	21.0	0.1	377		284	184	7.7	
02S08W15C03	3601917	1/16/91	62.6	12.8	18.0	1.9	194.2	45.8	14.4	26.0	0.1	279		209	159	7.6	

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
02S08W15C03	3601917	2/25/91									19.0						
02S08W15C03	3601917	6/3/91	57.7	18.5	15.0	1.6	..-1.0	42.4	11.2	22.5	0.1	247					7.7
02S08W22B05		11/18/88	139.4	19.8	36.0	3.3	240.2	102.2	84.0	103.2	-0.1	595	1010	197	430		7.2
02S08W22D	3601920	2/9/92	105.0	22.0	33.0	2.7	242.0	70.0	73.0	101.9	0.2	490	890				7.8
02S08W22D04		11/18/88	233.6	45.1	136.0	3.7	503.4	313.7	174.5	87.4	0.4	1256	2120	413	769		7.0
02S08W22J	3602465	9/24/86	168.0	38.3	73.0	2.9	361.0	214.0	75.1	55.1	0.2	932		578	361		7.3
02S08W22J	3602465	6/27/89	145.0	33.1	83.0	4.4	360.0	105.0	98.8	21.8	0.2	848		592	360		7.3
02S08W22J	3602465	2/14/91	185.0	25.8	49.0	3.3	-1.0	172.8	116.0	110.4	0.5	775					7.5
02S08W22J	3602465	2/21/91								92.0							
02S08W22J	3602465	4/3/91								93.0							
02S08W22J	3602465	5/14/91								105.0							
02S08W22J01		11/18/88	195.1	34.2	55.8	3.1	417.0	186.8	99.5	83.0	-0.1	898	1500	342	628		6.9
02S08W22J01		8/16/90	209.9	34.2	58.4	3.6	475.8	175.3	94.1	75.9	0.3	939	1540	390	665		7.2
02S08W22J01		2/14/91	185.0	25.8	48.8	3.3	361.1	172.8	115.6	110.4	0.5	775	1360	296	568		7.5
02S08W22J01		5/17/93					346.0			89.2	0.2	803		288	560		7.1
02S08W22J01		11/10/93	172.8	28.8	41.0	3.6	336.0	149.0	108.0	59.1	0.2	765	1230	280	552		7.2
02S08W23A01	3600339	2/23/89								24.4		250					
02S08W23A01	3600339	11/29/90								50.0		475					
02S08W23B	3602236	1/16/96	102.0	21.1	39.6	2.7	108.0	104.0	59.0	77.5	0.1	552	835	360	177		6.8
02S08W23B	3602236	2/24/97	99.0	17.9	35.7	2.8	214.0	79.9	50.5	70.0	0.2	518	775	330	175		7.3
02S08W23C	600487	11/3/89	4.8	2.4	57.0	0.7	59.0	39.0	13.0	2.1	0.4	150		22	82		8.9
02S08W23C	600487	8/30/90	3.0	2.0	46.0	0.5	99.0	25.0	8.8	2.3	0.5	145		16	81		9.2
02S08W23C	600487	6/3/91	3.2	3.2	46.0	0.4	-1.0	26.9	6.3	2.9	0.6	127					9.1
02S08W23C01	3601911	10/27/89	67.0	7.3	16.0	2.6	177.0	28.0	18.0	24.0	0.2	264		198	146		7.9
02S08W23C01	3601911	8/30/90	54.0	10.0	18.0	2.0	187.0	20.0	15.0	26.0	0.1	254		178	154		7.9
02S08W23C01	3601911	6/3/91	48.5	13.1	14.0	1.6	-1.0	22.6	12.4	23.2	0.2	208					7.7
02S08W23C03		11/18/88	62.2	12.3	15.9	2.0	172.3	43.9	23.5	29.0	-0.1	288	480	141	206		7.4
02S08W23C03		5/18/93					168.0			27.5	0.3	297		140	180		8.0
02S08W23D		9/11/90	4.3	1.3	62.0	0.8	124.0	29.2	9.6	3.7	0.4	162		16	102		9.1
02S08W23D		2/22/91	4.8	3.9	55.0	0.5	97.6	3.9	10.3	8.3	0.3	171		28	80		9.1
02S08W23D		4/3/91								10.0							
02S08W23D		6/3/91	4.5	1.2	54.0	0.6	-1.0	30.1	11.7	12.9	0.4	153					9.0
02S08W23G01	3602641	2/23/89								12.8		280					
02S08W23G01	3602641	11/29/90								19.0		290					
02S08W23H	3602461	3/12/97	67.3	14.1	21.5	2.3	203.0	41.1	31.0	22.1	0.2	283	525	226	166		7.4
02S08W23J	3600347	3/12/97	90.0	17.0	27.9	2.9	251.0	95.6	25.0	26.1	18.0	445	666	300	206		7.3
02S08W23J01	3600347	5/22/91								17.3		428					
02S08W23J01		4/30/92	68.0	14.0	25.0	2.6	212.0	70.0	23.0	17.3	0.2	340	550				7.8
02S08W23J01		4/10/96	17.8	13.7	31.7	3.4	149.0	40.0	33.0	1.0	0.1	128	405	100	122		7.5
02S08W24	3600345	3/12/97	85.5	25.7	26.8	4.0	293.0	86.3	50.5	5.8	0.1	404	727	316	240		7.5
02S08W24K01	3600345	2/23/89								62.0		460					

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
02S08W24K01	3600345	5/22/91									68.8	516				
02S08W24K01		4/30/92	105.0	25.0	27.0	2.9	255.0	110.0	47.0	75.3	0.2	490	825			7.7
02S08W24L	3600348	3/10/97	96.6	18.0	25.0	2.7	228.0	81.7	40.0	74.0	0.2	444	757	329	187	7.3
02S08W24L01	3600348	2/23/89										340				
02S08W24L01	3600348	5/22/91										360				
02S08W24L01		4/30/92	79.0	16.0	26.0	2.6	219.0	63.0	37.0	48.7	0.2	380	635			7.6
02S08W24L01		4/10/96	88.1	21.0	36.4	2.7	210.0	86.0	44.0	68.3	0.1	440	761	269	172	7.5
02S08W24M	3601827	3/12/97	77.5	14.5	26.2	2.4	187.0	61.2	32.5	45.2	0.2	340	603	255	153	7.6
02S08W24M01	3601827	2/23/89										340				
02S08W24M01	3601827	11/29/90										335				
02S08W25B01	3600346	2/23/89										350				
02S08W25B01	3600346	5/22/91										484				
02S08W25B01	3600346	4/30/92	97.0	20.0	28.0	2.7	236.0	120.0	37.0	57.6	0.2	470	750			7.7
02S08W25B01	3600346	4/10/96	128.0	39.9	34.3	3.4	281.0	75.0	96.0	173.0	0.1	848	1150	484	230	7.8
02S08W25B01	3600346	3/10/97	99.9	19.9	28.8	2.9	220.0	108.0	40.0	65.5	0.2	470	770	347	180	7.5
02S08W36H	3600234	11/30/95	155.0	29.2	75.6	4.3	184.0	122.0	119.0	108.0	0.1	960	1300	594	301	7.0
02S08W36H	3600142	2/24/97	162.0	29.4	68.1	3.9	375.0	104.0	115.0	101.9	-0.1	820	1295	541	307	7.0
02S08W36J01	3600964	2/16/91										1070				
02S08W36J01		1/26/92	230.0	41.0	100.0	4.5	542.0	140.0	205.0	172.7	-0.1	1120	1750			7.2
03S07W02C	300088	11/30/95	156.0	38.0	97.2	3.4	210.0	73.0	130.0	154.0	0.1	1200	1560	620	345	7.1
03S07W02C03	300088	2/16/91										824				
03S07W02C03		1/26/92	140.0	39.0	91.0	3.4	480.0	67.0	135.0	132.9	0.1	850	1370			7.5
03S07W03N03	300056	2/16/91										1680				
03S07W03N03		1/26/92	155.0	44.0	81.0	3.6	480.0	100.0	130.0	132.9	0.1	890	1400			7.5
03S07W03P	300151	1/18/96	140.0	34.6	57.2	3.4	188.0	59.0	85.0	116.0	0.1	716	1060	486	308	7.3
03S07W03P	300151	3/10/97	138.0	29.9	48.3	3.1	373.0	60.3	82.0	111.6	0.2	673	1120	474	306	7.5
03S07W04A	600398	11/30/95	234.0	49.5	120.0	4.2	214.0	228.0	229.0	201.0	0.2	1720	1970	885	351	7.1
03S07W04A	600398	3/10/97	158.0	23.4	98.8	3.5	344.0	158.0	149.0	109.8	0.5	928	1430	543	282	6.9
03S07W04A01	600310	2/16/91										764				
03S07W04A01		1/26/92	130.0	25.0	105.0	3.4	291.0	170.0	120.0	93.0	0.4	840	1290			7.7
03S07W05G	600424	11/30/95	305.0	29.5	209.0	5.6	198.0	267.0	380.0	342.0	0.1	2280	2640	1000	325	6.8
03S07W05G02	600426	2/16/91										1690				
03S07W05G02		1/26/92	250.0	23.0	195.0	5.1	426.0	195.0	310.0	248.0	0.1	1450	2200			7.1
03S07W10C02	3300059	2/16/91										736				
03S07W10C02		1/26/92	105.0	26.0	45.0	2.8	343.0	48.0	69.0	88.6	0.1	550	900			8.0
03S07W11E01	3302146	7/11/85														
03S07W11G01		6/30/87	66.0	6.0	113.0	2.0	76.0	41.0	147.0	-1.0	1.8	425	760	88	90	8.4
03S07W11G01		11/25/87	27.1	0.6	238.0		99.0	50.0	158.0	-5.0	1.1	454	860	100	79	8.4
03S07W11G01		3/9/88	15.0	3.0			27.0	41.0	119.0	-1.0	1.6	370		98	50	8.3
03S07W11G01		9/27/88	7.0	1.0	124.0	1.0	46.0	41.0	122.0	-1.0	1.2	340	610	83	22	9.0
03S07W11G01		12/28/88	6.0	-1.0	120.0	1.0	49.0	37.0	110.0	-1.0	1.3	325	570	80	15	9.1

**EXHIBIT C**  
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State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
03S07W11G01		1/31/89	6.0	-1.0	120.0	1.0	49.0	37.0	110.0	-1.0	1.3	325	570	80	15	9.1
03S07W11G01		8/17/94	7.0	-1.0	146.0	1.0	31.0	43.0	180.0	-1.0	1.1	420	760	50	18	8.8
03S07W11L03	3301433	7/11/85								23.0	1.1					
03S07W11L03	3301433	8/19/88	98.0	17.0	126.0	3.0	287.0	116.0	127.0			660		235	316	7.6
03S07W11L03	3301433	5/8/90								27.0	0.8					
03S07W11L03	3301433	10/26/93	109.4	20.2	162.5	3.2	268.4	109.2	237.0	66.0	1.4	841	1450	220	356	7.6
03S07W11M10		9/27/88	95.0	21.0	104.0	5.0	329.0	127.0	107.0	4.0	0.9	635	1000	270	325	7.5
03S07W11M10		12/28/88	97.0	19.0	103.0	4.0	317.0	121.0	107.0	6.0	1.1	595	945	260	322	7.7
03S07W11M10		7/16/91	109.0	22.1	109.0	3.7	322.0	112.0	132.0	11.0	0.7	720	1135	264	363	7.8
03S07W11M10		12/3/91	95.8	22.8	106.0	4.2	320.0	114.0	123.0	9.8	0.7	688	1125	262	355	7.6
03S07W11M10		7/21/92	101.0	19.9	101.0	3.9	305.0	121.0	125.0	11.8	0.5	650	1056	250	335	7.7
03S07W11M10		12/15/92	110.0	22.0	106.0	4.0	305.0	140.0	140.0	20.0	0.8	690	1100	250	367	7.7
03S07W11M10		5/13/93	89.0	18.0	106.0	4.0	256.0	120.0	140.0	11.0	0.9	645	1090	210	298	7.7
03S07W11M10		7/27/93	106.0	21.0	96.0	4.0	265.0	160.0	110.0	9.0	0.8	700	1090	218	353	7.3
03S07W11M10		7/5/94								24.4	0.9					
03S07W11M10		7/15/94								21.4	0.8					
03S07W11M10		7/19/94								21.9	0.7					
03S07W11M10		7/26/94								21.6	0.8					
03S07W11M10		8/2/94								16.2	0.8					
03S07W11M10		8/9/94								17.9	0.9	772				
03S07W11M10		8/16/94								18.9	0.8	792				
03S07W11M10		8/23/94								16.3	0.6	804				
03S07W11M10		8/30/94								15.4	0.8	804				
03S07W11M10		9/6/94								16.0	1.1	804				
03S07W11M10		9/13/94								14.2	0.9	772				
03S07W11M10		9/20/94								3.5	3.8	676				
03S07W11M10		9/27/94								13.3	1.1	764				
03S07W11M10		10/4/94								13.6	1.0	743				
03S07W11M10		10/11/94								17.8	1.0	760				
03S07W11M10		10/18/94								14.6	1.2	757				
03S07W11M10		10/25/94								10.0	1.0	777				
03S07W11M10		11/8/94								7.6	1.2	772				
03S07W11M10		11/15/94								12.4	1.0	732				
03S07W11M10		1/11/95	107.0	19.0	104.0	4.9	252.0	144.0	138.0	5.4	1.2	672	1073	252	348	7.3
03S07W11M10		1/17/95								12.0	1.2	660				
03S07W11M10		1/27/95								7.0	0.8	664				
03S07W11M10		1/31/95								6.0	0.9	688				
03S07W11M10		2/7/95								6.3	1.1	700				
03S07W11M10		2/14/95								8.4	1.0	688				
03S07W11M10		2/21/95								8.1	1.0	688				
03S07W11M10		2/28/95								10.1	0.9	728				

**EXHIBIT C  
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State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
03S07W11M10		3/7/95									9.1	1.0	735				
03S07W11M10		3/14/95									23.3	1.0	736				
03S07W11M10		3/21/95									6.4	0.8	732				
03S07W11M10		3/28/95									7.9	0.9	772				
03S07W11M10		4/4/95									5.1	0.9	772				
03S07W11M10		4/10/95									6.6	1.2	812				
03S07W11M10		4/18/95									6.3	1.2	845				
03S07W11M10		4/25/95									4.4	1.1	852				
03S07W11M10		5/2/95									4.3	1.1	824				
03S07W11M10		5/9/95									7.1	1.0	824				
03S07W11M10		5/16/95									5.2	1.0	840				
03S07W11M10		5/23/95									7.3	0.9	849				
03S07W11M10		5/30/95									4.5	1.0	812				
03S07W11M10		6/6/95									6.4	1.0	812				
03S07W11M10		6/13/95									7.5	1.0	812				
03S07W11M10		6/21/95									3.4	1.0	820				
03S07W11M10		6/27/95									5.7	1.0	828				
03S07W11M10		7/5/95									9.8	1.0	824				
03S07W11M10		7/11/95									5.6	1.0	828				
03S07W11M10		7/18/95									8.0	1.0	836				
03S07W11M10		7/25/95									6.3	1.0	836				
03S07W11M10		8/1/95									7.5	1.2	844				
03S07W11M10		8/11/95									7.1	0.9	784				
03S07W11M10		8/15/95									7.1	0.9	792				
03S07W11M10		8/22/95									6.1	1.0	792				
03S07W11M10		8/29/95									8.4	1.0	775				
03S07W11M10		9/5/95									9.7	1.1	796				
03S07W11M10		9/12/95									10.1	0.9	792				
03S07W11M10		9/19/95									9.3	1.0	793				
03S07W11M10		9/26/95									10.4	0.9	812				
03S07W11M10		10/3/95									9.2	1.2	804				
03S07W11M10		10/10/95									10.5	1.0	792				
03S07W11M10		10/17/95									10.5	1.0	788				
03S07W11M10		10/24/95									10.2	1.0	772				
03S07W11M10		10/31/95									9.6	0.9	775				
03S07W11M10		11/7/95									11.4	1.0	775				
03S07W11M10		11/14/95									11.0	0.9	768				
03S07W11M10		11/21/95									11.8	1.0	767				
03S07W11M10		11/28/95									12.6	1.0	775				
03S07W11M10		12/5/95									13.0	1.1	752				
03S07W11M10		12/12/95									9.8	1.4	742				



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State Well Number	Recordation Number	Sample Date	Cations					Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
03S07W11M10		12/20/95									10.7	1.3	742				
03S07W11M10		12/26/95									11.1	1.3	750				
03S07W11M11		9/27/88	94.0	28.0	105.0	3.0	342.0	124.0	108.0	4.0	0.7	645	1040	280	352	7.5	
03S07W11M11		12/28/88	99.0	20.0	92.0	4.0	305.0	124.0	97.0	6.0	0.9	580	925	250	331	7.5	
03S07W11M11		7/16/91	106.0	21.8	95.7	3.7	287.0	114.0	132.0	3.8	0.6	598	1017	235	354	8.3	
03S07W11M11		12/3/91	104.0	20.7	105.0	4.1	311.0	116.0	106.0	3.9	0.6	645	1026	255	353	7.7	
03S07W11M11		7/21/92	104.0	20.5	91.6	4.0	311.0	126.0	113.0	5.7	0.4	638	1023	255	350	7.6	
03S07W11M11		12/15/92	108.0	23.0	93.0	4.0	314.0	150.0	120.0	7.0	0.7	655	1100	258	368	7.6	
03S07W11M11		5/13/93	26.0	4.0	198.0	3.0	137.0	59.0	240.0	-1.0	2.7	635	1170	113	82	8.2	
03S07W11M11		7/27/93	125.0	26.0	94.0	5.0	311.0	150.0	130.0	7.0	0.6	790	1180	255	421	7.5	
03S07W11M11		7/5/94								8.5	0.8						
03S07W11M11		7/15/94								6.5	0.6						
03S07W11M11		7/19/94								7.9	0.6						
03S07W11M11		7/26/94								5.4	0.7						
03S07W11M11		8/2/94								7.4	0.7						
03S07W11M11		9/13/94								7.1	0.7	768					
03S07W11M11		9/20/94								13.7	0.9	772					
03S07W11M11		9/27/94								8.1	0.9	768					
03S07W11M11		10/4/94								9.0	0.8	728					
03S07W11M11		10/11/94								15.5	0.8	785					
03S07W11M11		10/18/94								10.3	0.9	759					
03S07W11M11		10/25/94								7.7	0.8	785					
03S07W11M11		11/1/94								8.1	0.9	816					
03S07W11M11		11/8/94								7.1	0.9	768					
03S07W11M11		11/15/94								8.5	0.9	812					
03S07W11M11		1/11/95	150.0	24.0	106.0	6.3	324.0	178.0	162.0	3.4	1.0	840	1309	324	476	7.2	
03S07W11M11		1/17/95								11.1	1.0	836					
03S07W11M11		1/31/95								2.8	0.7	827					
03S07W11M11		2/3/95								1.4	1.0	816					
03S07W11M11		2/7/95								6.7	0.8	815					
03S07W11M11		2/14/95								6.2	0.8	812					
03S07W11M11		2/21/95								4.9	0.9	792					
03S07W11M11		2/28/95								6.2	0.8	816					
03S07W11M11		3/7/95								4.8	0.8	796					
03S07W11M11		3/14/95								4.2	0.8	812					
03S07W11M11		3/21/95								3.4	0.7	785					
03S07W11M11		3/28/95								5.1	0.8	760					
03S07W11M11		4/4/95								2.5	0.9	785					
03S07W11M11		4/10/95								4.8	1.0	768					
03S07W11M11		4/18/95								5.3	0.9	748					
03S07W11M11		4/25/95								2.7	0.9	756					

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State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
03S07W11M11		5/2/95								3.6	0.9	744				
03S07W11M11		5/9/95								5.5	0.8	764				
03S07W11M11		5/16/95								4.9	0.9	785				
03S07W11M11		5/23/95								6.3	0.8	753				
03S07W11M11		5/30/95								3.3	0.9	752				
03S07W11M11		6/6/95								4.6	0.8	756				
03S07W11M11		6/13/95								6.2	0.8	735				
03S07W11M11		6/21/95								1.9	0.8	740				
03S07W11M11		6/27/95								3.6	0.8	756				
03S07W11M11		7/5/95								8.0	0.8	752				
03S07W11M11		7/11/95								4.3	0.8	746				
03S07W11M11		7/18/95								4.6	0.8	752				
03S07W11M11		7/25/95								4.2	0.8	780				
03S07W11M11		8/1/95								4.2	0.9	792				
03S07W11M11		8/11/95								3.3	0.7	719				
03S07W11M11		8/15/95								3.0	1.1	741				
03S07W11M11		8/22/95								1.6	0.7	740				
03S07W11M11		8/29/95								3.9	0.8	724				
03S07W11M11		9/5/95								4.0	0.9	744				
03S07W11M11		9/12/95								2.4	0.8	736				
03S07W11M11		9/19/95								2.6	0.8	744				
03S07W11M11		9/26/95								4.0	0.7	748				
03S07W11M11		10/3/95								1.7	1.0	752				
03S07W11M11		10/10/95								3.4	0.8	748				
03S07W11M11		10/17/95								1.8	0.8	742				
03S07W11M11		10/24/95								1.9	0.8	746				
03S07W11M11		10/31/95								2.0	0.8	764				
03S07W11M11		11/7/95								0.6	0.8	760				
03S07W11M11		11/14/95								1.7	0.7	758				
03S07W11M11		11/21/95								2.1	0.6	750				
03S07W11M11		11/28/95								2.6	0.7	744				
03S07W11M11		12/5/95								1.5	0.8	744				
03S07W11M11		12/12/95								1.9	1.0	748				
03S07W11M11		12/20/95								2.2	1.0	730				
03S07W11M11		12/26/95								2.2	1.0	735				
03S07W11M12		5/18/93	21.8	3.1	103.8	1.4	134.2	45.6	96.2	2.4	2.3	343	650	110	67	9.0
03S07W11M12		3/1/95	42.1	5.6	120.9	1.3	205.4	93.4	95.5	8.8	1.2	470	820	168	146	8.2
03S07W11M12		1/15/96								9.9						
03S07W11M12		1/22/96								10.9						
03S07W11M12		1/29/96								11.1						
03S07W11M13		3/1/95	67.3	10.4	159.0	2.1	253.8	88.6	174.6	37.2	0.7	665	1160	208	209	7.8

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
03S07W11M13		1/15/96									26.0	0.8	701				
03S07W11M13		1/22/96									21.7						
03S07W11M13		1/29/96									30.3						
03S07W11N02		6/30/87	7.0	-1.0	180.0	1.0	82.0	8.0	194.0	-1.0	2.8	520	960	113	18	8.8	
03S07W11N02		9/27/88	8.0	1.0	92.0	1.0	85.0	11.0	220.0	-1.0	3.3	470	940	110	24	8.6	
03S07W11N02		12/28/88	7.0	1.0	190.0	1.0	104.0	11.0	212.0	-1.0	3.3	505	925	115	22	8.7	
03S07W11N02		7/16/91	17.2	1.3	297.0	1.5	109.0	1.9	385.0		2.2	709	1310	89	48	8.2	
03S07W11N02		12/3/91	12.8	0.9	283.0	2.0	108.0		347.0		3.3	729	1339	89	41	8.1	
03S07W11N02		7/21/92	14.4	0.9	280.0	1.8	91.5	2.0	415.0		1.6	776	1418	90	38	8.5	
03S07W11N02		12/15/92	15.0	-1.0	270.0	2.0	64.0	1.0	390.0	-1.0	0.5	780	1400	63	38	8.4	
03S07W11N02		5/13/93	8.0	-1.0	210.0	2.0	98.0	8.0	250.0	-1.0	3.5	600	1100	100	20	8.6	
03S07W11N02		7/27/93	8.0	-1.0	207.0	-1.0	92.0	8.0	260.0	-1.0	3.4	590	1060	100	20	8.7	
03S07W11N02		8/9/94								1.5	4.2	584					
03S07W11N02		8/16/94								4.1	3.3	688					
03S07W11N02		8/23/94								1.8	3.7	684					
03S07W11N02		8/30/94								1.2	3.5	682					
03S07W11N02		9/6/94								1.1	3.5	692					
03S07W11N02		9/13/94								0.9	3.5	672					
03S07W11N02		9/20/94								9.1	0.8	744					
03S07W11N02		9/27/94								2.4	3.8	672					
03S07W11N02		10/4/94								5.7	3.7	676					
03S07W11N02		10/11/94								9.9	3.8	660					
03S07W11N02		10/18/94								3.2	4.0	650					
03S07W11N02		10/25/94								1.6	3.6	663					
03S07W11N02		11/1/94								1.0	3.8	664					
03S07W11N02		11/8/94								0.9	3.9	708					
03S07W11N02		11/15/94								0.5	3.9	728					
03S07W11N02		2/3/95	16.0	2.4	245.0	2.0	112.0	7.4	388.0	-0.1	3.4	844	1295	112	48	7.9	
03S07W11N02		2/7/95								0.5	3.6	820					
03S07W11N02		2/14/95								0.9	3.4	832					
03S07W11N02		2/21/95								0.2	3.5	840					
03S07W11N02		2/28/95								1.8	3.6	840					
03S07W11N02		3/7/95								1.2	3.4	828					
03S07W11N02		3/14/95								0.6	3.6	852					
03S07W11N02		3/21/95								0.8	3.4	850					
03S07W11N02		3/28/95								1.5	3.6	848					
03S07W11N02		4/4/95								0.3	4.0	835					
03S07W11N02		4/10/95								0.8	4.2	848					
03S07W11N02		4/18/95								1.8	3.5	848					
03S07W11N02		4/25/95								0.9	3.4	856					
03S07W11N02		5/2/95								0.5	3.6	860					

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations					Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)						
03S07W11N02		5/9/95									0.8	3.1	848				
03S07W11N02		5/16/95									1.2	3.4	844				
03S07W11N02		5/23/95									2.6	3.4	852				
03S07W11N02		5/30/95									0.3	3.7	692				
03S07W11N02		6/6/95									1.7	3.1	784				
03S07W11N02		6/13/95									3.5	3.8	716				
03S07W11N02		6/21/95									0.2	3.7	692				
03S07W11N02		6/27/95									0.1	3.8	696				
03S07W11N02		7/5/95									1.4	3.6	734				
03S07W11N02		7/11/95									0.5	4.0	680				
03S07W11N02		7/18/95									0.9	4.0	769				
03S07W11N02		7/25/95									0.6	3.7	704				
03S07W11N02		8/1/95									0.6	3.7	708				
03S07W11N02		8/15/95									0.2	3.7	688				
03S07W11N02		8/22/95									0.5	3.7	696				
03S07W11N02		8/29/95									0.8	3.8	764				
03S07W11N02		9/5/95									1.0	3.8	696				
03S07W11N02		9/12/95									0.1	3.8	688				
03S07W11N02		9/19/95									0.6	4.0	668				
03S07W11N02		9/26/95									0.1	3.7	700				
03S07W11N02		10/3/95									0.4	3.7	696				
03S07W11N02		10/10/95									0.2	3.9	658				
03S07W11N02		10/17/95									0.4	3.9	700				
03S07W11N02		10/24/95									0.2	3.7	700				
03S07W11N02		10/31/95									-0.1	3.7	704				
03S07W11N02		11/7/95									0.6	3.7	696				
03S07W11N02		11/14/95									0.6	3.7	696				
03S07W11N02		11/21/95									1.4	3.7	729				
03S07W11N02		11/28/95									1.9	4.0	704				
03S07W11N02		12/5/95									0.5	3.9	696				
03S07W11N02		12/12/95									1.9	4.2	692				
03S07W11N02		12/20/95									1.5	4.0	704				
03S07W11N02		12/26/95									2.2	4.0	696				
Alumax MW #1		4/2/93	91.0	9.0	29.0	4.0	186.0	40.0	68.0	66.4			495	690	153	265	7.6
Alumax MW #1		7/2/93	100.0	8.0	29.0	3.0	186.0	40.0	64.0	75.3			570	730	153	284	7.8
Alumax MW #1		10/2/93	93.0	8.0	27.0	3.0	189.0	40.0	63.0	66.4			450	700	155	266	7.7
Alumax MW #1		10/2/93	100.0	8.2	28.8	2.9	173.0	80.4	58.7	69.5			444	666	142	275	7.6
Alumax MW #1		1/2/94	103.0	8.8	33.0	3.6	154.0	43.0	72.9	86.4			460	683	126	270	6.9
Alumax MW #1		4/2/94	96.2	7.9	29.7	2.9	188.0	37.2	58.4	79.7			446	665	154	257	7.7
Alumax MW #1		7/2/94	98.7	8.0	34.4	3.4	185.0	35.3	62.2	85.5			498	685	152	275	7.5
Alumax MW #1		10/2/94	95.3	7.6	29.4	3.0	189.0	28.7	60.9	71.3			465	655	155	242	7.6

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
Alumax MW #1		2/2/95	95.9	7.8	28.2	2.6	189.0	33.2	60.9	75.7		433	673	155	257	7.6
Alumax MW #1		5/2/95	96.3	7.6	28.2	3.1	192.0	51.6	60.7	102.7		472	701	157	275	7.2
Alumax MW #1		7/2/95	106.0	7.9	32.6	3.1	192.0	26.2	64.9	105.8		568	791	157	307	7.4
Alumax MW #1		10/2/95	112.0	8.4	30.5	3.1	192.0	35.4	62.6	101.4		510	733	157	314	7.2
Alumax MW #1		1/2/96	95.0	7.8	24.5	2.5	195.0	27.9	50.0	66.4		325	640	160	269	7.2
Alumax MW #1		4/2/96	92.7	7.8	29.5	3.5	183.0	35.9	68.5	77.1		468	695	150	280	7.1
Alumax MW #1		7/2/96	105.0	8.1	29.5	2.8	185.0	44.3	65.5	127.5		512	810	152	313	7.0
Alumax MW #1		10/2/96	106.0	8.8	33.3	3.1	179.0	50.2	60.0	134.6		484	817	147	318	7.1
Alumax MW #1		4/2/97	110.0	9.3	32.8	3.4	189.0	35.3	67.5	111.2		520	750	155	302	7.3
Alumax MW #2		4/2/93	197.0	17.0	75.0	32.0	149.0	25.0	420.0	66.4		1540	1800	123	564	7.5
Alumax MW #2		7/2/93	265.0	21.0	92.0	21.0	156.0	27.0	540.0	66.4		1970	2200	128	750	7.5
Alumax MW #2		10/2/93	215.0	16.0	51.0	7.0	162.0	26.0	390.0	53.1		1210	1630	133	604	7.6
Alumax MW #2		10/2/93	220.0	16.3	51.9	6.3	149.0	28.4	361.0	58.9		953	1569	122	617	7.4
Alumax MW #2		1/2/94	257.0	19.2	53.1	6.5	151.0	47.0	414.0	62.4		973	1750	124	720	7.0
Alumax MW #2		4/2/94	290.0	22.2	70.0	7.3	156.0	24.4	463.0	70.9		1225	2110	128	782	7.3
Alumax MW #2		7/2/94	295.0	23.2	132.0	16.5	152.0	21.1	617.0	66.9		1599	2450	125	834	7.2
Alumax MW #2		10/2/94	239.0	17.7	53.3	5.7	154.0	28.9	420.0	54.9		991	1702	126	602	7.2
Alumax MW #2		2/2/95	271.0	20.2	64.2	6.8	159.0	29.1	556.0	62.4		1213	2170	130	760	7.6
Alumax MW #2		5/2/95	304.0	22.5	75.6	11.4	157.0	41.8	629.0	66.9		1577	2360	130	862	7.0
Alumax MW #2		7/2/95	344.0	22.5	70.4	10.9	145.0	16.3	629.0	60.2		1584	2380	119	958	7.1
Alumax MW #2		10/2/95	290.0	21.1	64.3	7.8	162.0	28.9	539.0	59.3		1313	1906	133	811	7.2
Alumax MW #2		1/2/96	320.0	21.7	47.0	5.6	161.0	25.5	499.0	59.3		1007	2080	132	889	7.0
Alumax MW #2		4/2/96	302.0	23.2	94.5	6.4	155.0	32.6	652.0	60.7		1388	2390	127	880	7.0
Alumax MW #2		7/2/96	198.0	18.1	89.3	7.4	168.0	73.5	540.0	52.7		1185	1960	138	731	7.0
Alumax MW #2		10/2/96	220.0	18.2	78.5	6.7	159.0	42.7	480.0	54.5		1034	1904	130	700	7.1
Alumax MW #2		4/2/97	278.0	22.9	105.0	10.7	155.0	32.2	601.0	58.5		1430	2150	127	814	7.0
B & H Repair		2/2/96	168.0	40.9	80.3	3.3	220.0	94.0	114.0	135.0	0.1	904	1350	580	361	7.1
Brooks St.		2/18/97	5.7	1.0	3.2	1.9	20.7	5.2	2.9	1.8	-0.1	35	55	21	17	6.6
CBMWD RP3 - 7		3/23/90										391				
CBMWD RP3 - 7		8/8/90										340				
CBMWD RP3 - MS		3/23/90										373				
CBMWD RP3 - MS		8/8/90										360				
CBMWD RP3 7		2/19/92			35.0			24.0	56.0	45.2	0.1	314	530			8.1
CCWD #22		8/13/90										191				
CCWD #23		8/13/90										271				
CCWD #26		8/13/90										258				
CIM #11		4/10/96	49.9	15.8	29.1	2.2	189.0	41.0	29.0	20.9	0.2	281	504	164	155	7.6
CIM #3		4/10/96	51.0	14.7	36.9	2.5	198.0	39.0	24.0	46.0	0.2	280	536	158	162	7.6
Ely No.1		2/18/97	47.1	11.7	17.0	2.7	171.0	19.6	10.5	17.7	0.2	217	355	153	140	7.5
Ely No.1		3/4/97	46.9	11.8	15.6	2.4	173.0	12.7	8.5	27.0	0.3	196	363	166	142	8.9
Etiwanda		2/14/97	38.0	7.0	9.5	2.0	133.0	18.1	2.5	2.0	0.2	72	251	20	109	8.0

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions				TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH	
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)						Flouride (mg/L)
Fillippe Winery		7/2/96	72.4	6.0	23.1	2.5	192.0	14.0	34.0	54.0		357	547	157	196	7.4
Fillippe Winery		10/2/96	80.1	6.5	25.6	2.6	193.0	16.3	39.5	51.8		330	564	158	219	7.3
Fillippe Winery		4/2/97	73.5	6.1	26.9	2.8	185.0	23.3	52.5	50.0		370	596	152	231	6.9
Gail Woodruff		2/2/96	133.0	61.4	155.0	4.1	186.0	136.0	254.0	81.0	0.5	1160	1770	564	305	7.3
George Borba		2/5/96	145.0	40.3	37.4	3.8	179.0	86.0	123.0	274.0	0.1	1150	1440	825	294	7.1
reen Thumb Ranch		2/5/96	23.2	10.7	36.5	2.8	59.0	38.0	35.0	22.9	0.1	192	404	131	96	8.1
Hunters		7/2/96	76.3	6.2	34.6	2.3	167.0	33.1	32.5	73.1		375	583	132	182	7.4
Hunters		10/2/96	72.8	6.4	39.2	2.5	168.0	44.6	35.0	70.4		350	592	138	204	7.4
Hunters		4/2/97	69.6	6.5	40.2	2.7	172.0	35.8	37.5	74.0		380	601	141	213	7.2
JCSD MW #13		1/26/96	44.0	5.1	19.0	1.5	162.0	15.4	6.2	7.1		194	314	133	131	7.6
JCSD MW #13		4/27/96	49.2	5.6	23.4	2.1	161.0	15.3	22.5	15.1		226	372	132	145	7.7
JCSD MW #13		7/2/96	59.2	6.1	21.6	2.1	185.0	17.3	25.5	16.4		268	413	128	152	7.5
JCSD MW #13		10/2/96	48.6	5.7	22.7	2.3	156.0	15.2	30.5	17.7		239	415	128	157	7.4
JCSD MW #13		4/2/97	52.4	6.2	22.2	2.4	161.0	12.0	25.5	16.8		264	420	132	155	7.2
JCSD MW #17		1/26/96	61.2	6.7	18.0	1.7	149.0	30.1	28.7	20.4		248	407	122	180	7.6
JCSD MW #17		4/27/96	50.3	7.1	26.3	2.3	189.0	20.7	32.5	21.3		295	412	123	155	7.7
JCSD MW #17		7/2/96	59.4	7.2	22.4	2.2	193.0	19.8	28.0	21.7		286	429	121	158	7.6
JCSD MW #17		10/2/96	48.9	6.6	23.5	2.4	146.0	19.8	32.0	23.0		250	430	120	158	7.4
JCSD MW #17		4/2/97	55.4	7.6	23.5	2.4	151.0	18.0	32.5	23.9		279	462	124	169	7.3
JCSD MW #18		1/26/96	58.1	6.1	19.2	1.7	154.0	22.2	23.7	15.9		238	399	126	170	7.6
JCSD MW #18		4/27/96	47.2	6.5	28.3	2.3	154.0	24.2	28.5	16.8		276	391	126	150	7.6
JCSD MW #18		7/2/96	56.7	6.5	23.8	2.1	180.0	21.6	22.0	15.5		254	385	127	148	7.6
JCSD MW #18		10/2/96	47.1	6.1	25.3	2.4	151.0	20.3	27.0	17.7		252	422	124	150	7.5
JCSD MW #18		4/2/97	54.8	7.1	25.5	2.4	157.0	18.0	31.6	19.0		274	447	129	163	7.3
JCSD MW #6		7/2/96	69.2	7.7	23.9	2.2	174.0	16.7	35.2	36.8		316	493	143	196	7.5
JCSD MW #6		10/2/96	56.3	7.0	23.4	2.3	173.0	16.1	28.5	39.9		297	485	142	193	7.4
JCSD MW #6		4/2/97	64.0	6.6	24.7	6.9	177.0	15.0	36.5	16.8		290	500	145	186	7.2
Kaiser - FW-5		8/1/90								50.0		400				
Kaiser - KOF5-1		8/1/90								32.1		320				
Kaiser - MP1A		8/1/90								23.3		350				
Kaiser - MP1B		8/1/90								28.4		1370				
Kaiser - MP1C		8/1/90								36.0		360				
Kaiser - MP1D		8/1/90								9.4		230				
Kaiser - MP2A		8/1/90								29.9		770				
Kaiser - MP2B		8/1/90								27.9		860				
Kaiser - MP2C		8/1/90								21.7		290				
Kaiser - MP2D		8/1/90								10.1		220				
Kaiser - SP-3		8/1/90								25.2		310				
Kaiser KOF5-1		3/3/92	71.0	8.0	25.0	2.3	182.0	35.0	45.0	35.0	0.2	330	540			7.8
Kaiser MP1A		3/23/92	63.0	9.3	29.0	2.2	176.0	53.0	30.0	23.0	0.2	320	500			7.8
Kaiser MP1C		3/23/92	94.0	15.0	25.0	2.5	188.0	75.0	84.0	33.7	0.2	490	730			7.7

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
Kaiser MP1D		3/23/92	45.0	8.4	18.0	1.9	194.0	7.8	9.9	9.7	0.2	220	345			7.8
Kaiser MP2A		3/9/92	150.0	24.0	38.0	3.2	224.0	235.0	87.0	34.1	0.1	670	1030			7.8
Kaiser MP2B		3/9/92	225.0	34.0	41.0	3.6	255.0	390.0	120.0	32.3	0.1	960	1400			7.6
Kaiser MP2C		3/9/92	75.0	13.0	22.0	2.4	200.0	58.0	41.0	27.5	0.1	350	575			7.7
Kaiser MP2D		3/9/92	45.0	8.0	17.0	2.0	194.0	7.9	11.0	11.1	0.2	220	350			7.7
L. Cuca (Chris)		2/18/97	27.8	6.6	19.9	19.1	138.0	17.6	21.5	4.0	0.1	170	316	89	113	8.5
L. Cuca (Chris)		3/4/97	36.1	7.9	23.6	18.8	179.0	-4.0	22.5	5.8	0.2	208	370	118	147	9.1
L. Cuca (west)		2/18/97	39.8	15.6	79.1	16.9	129.0	166.0	70.1	1.5	0.4	420	660	147	106	8.5
L. Cuca (west)		3/4/97	47.1	18.3	88.2	19.7	159.0	110.0	85.5	1.2	0.5	493	784	171	130	8.4
Lower Day		2/14/97	4.5	0.6	1.8	0.8	15.9	5.4	1.1	-0.9	-0.1	39	38	16	13	7.5
Lower Day		3/3/97	4.6	0.6	1.9	0.8	15.9	7.8	1.5	-0.9	-0.1	34	36	14	13	7.2
Milliken - M-1		3/2/90										4.8				
Milliken - M-1		12/11/90										8.1				
Milliken - M-2		3/2/90										1.3				
Milliken - M-2		12/11/90										3.0				
Milliken - M-2B		3/2/90										3.2				
Milliken - M-2B		12/11/90										4.7				
Milliken - M-3		3/2/90										1.9				
Milliken - M-3		12/11/90										4.4				
Milliken - M-4		3/2/90										4.4				
Milliken - M-4		12/11/90										7.7				
Milliken M-1		11/5/91					238.0	8.0	28.0	7.0	0.3	315	559			7.7
Milliken M-2		11/5/91					223.0	6.0	30.0	3.4	0.2	280	510			7.4
Milliken M-2B		11/5/91					320.0	7.0	37.0	5.0	0.2	425	559			7.7
Milliken M-3		11/5/91					220.0	9.0	35.0	4.8	0.2	290	628			7.8
Milliken M-4		11/4/91					247.0	11.0	31.0	8.6	0.2	340	669			8.3
Montclair No.1		2/13/97	11.9	1.9	5.0	1.3	40.3	7.4	2.1	1.5	-0.1	65	111	36	33	7.4
Montclair No.1		3/3/97	14.4	2.3	7.9	2.2	47.6	10.3	5.1	4.3	0.1	96	132	44	39	7.0
Montclair No.3		2/18/97	10.5	1.2	5.8	1.4	30.5	7.4	4.1	1.6	-0.1	75	84	31	25	7.2
Montclair No.3		3/3/97	16.1	2.0	10.9	2.0	56.2	-4.0	7.6	0.2	0.1	134	148	48	46	7.9
Montclair No.4		2/13/97	5.4	0.7	3.5	1.2	15.9	5.1	2.3	1.3	-0.1	38	56	16	13	6.8
Montclair No.4		3/3/97	12.1	1.8	7.0	2.1	58.6	8.2	5.1	1.5	0.1	90	106	38	48	6.8
Ontario - SAWC		11/6/90										48.0				
Ontario SAWC		8/13/91	53.0	12.0	12.0	16.0		23.0	13.0	51.0	0.3	275	430			7.5
Riverside		2/18/97	11.5	1.5	5.3	2.2	31.7	6.7	6.1	4.4	0.1	64	92	31	26	7.1
Riverside		3/4/97	11.2	1.4	5.2	2.2	35.4	6.4	4.1	4.3	0.1	53	96	31	29	7.5
RP3 MW-School		7/2/96	69.2	9.1	36.1	3.6	139.0	45.9	56.7	59.3		434	657	114	204	7.2
RP3 MW-School		10/2/96	82.9	10.2	41.2	4.1	140.0	57.7	75.0	60.7		442	700	115	235	7.0
RP3 MW-School		4/2/97	79.6	10.2	44.0	4.3	144.0	46.5	88.0	59.8		461	717	118	257	7.2
San Sevaine 1		2/18/97	36.3	7.2	13.7	2.1	127.0	25.2	5.3	0.9	0.2	184	256	89	104	8.2
San Sevaine 5		2/14/97	8.5	1.9	3.7	1.7	28.1	7.1	16.5	5.3	-0.1	92	77	26	23	8.0

**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
San Sevaine 5		3/3/97	41.6	9.6	12.5	2.5	159.0	24.4	4.1	2.4	0.1	230	324	149	130	8.4
San Sevaine 5		3/4/97	8.3	1.9	3.9	1.7	30.5	12.6	2.5	1.3	-0.1	90	76	27	25	7.3
SBCWW8 - 13		6/27/89								21.8		848				
SBCWW8 - 13		8/30/90								75.9		939				
SBCWW8 - 14		9/11/90								3.7		162				
SBCWW8 - 15-A		8/30/90								2.2		154				
SCWC DEL-04		5/6/91	27.7	8.9	27.3	1.7	151.3	21.6	6.2	10.5	0.1	179	320			8.2
CWC MOUNTAIN		6/20/90	60.6	9.7	8.5	1.8	202.0	22.8	4.9	10.3	0.4	254	410	191	166	8.2
CWC MOUNTAIN		2/19/92	57.0	9.1	6.7	1.6	205.0	22.9	4.9	5.7	0.2	192	390			7.8
SGWC - 22A		4/28/90								10.0		209				
SGWC - 23A		2/15/91								12.6		207				
SGWC - 7A		5/14/90								7.3		218				
Sunkist #1		12/17/76	53.0	15.0	13.0	2.0	192.0	17.0	14.0	20.0	0.2	220	390	196		7.5
Sunkist #1		7/5/77	50.0	11.0	13.0	2.0	198.0	18.0	12.0	22.0		240	400	170		7.7
Sunkist #1		7/25/78	61.0	7.0	15.0	4.0	195.0	15.0	14.0	22.0	0.4	240	400	180		7.5
Sunkist #1		6/27/79	52.0	10.0	14.0	2.0	192.0	17.0	12.0	21.0	0.2	250	380	170		6.3
Sunkist #1		9/23/80	51.0	10.0	13.0	5.0	189.0	20.0	12.0	21.0	0.4	240	405	169	155	7.0
Sunkist #1		5/21/81	50.0	11.0	15.0	2.0	186.0	16.0	14.0	20.0	0.2	245	395	171	153	7.4
Sunkist #1		1/7/82	50.0	10.0	13.0	14.0	189.0	15.0	14.0	21.0	0.5	250	400	167	155	7.0
Sunkist #1		12/10/82	48.0	12.0	13.0	1.0	193.0	15.0	12.0	24.0	0.4	245	400	170	158	7.7
Sunkist #1		9/27/83	50.0	11.0	14.0	2.0	186.0	16.0	14.0	26.0	0.9	255	390	171	153	7.6
Sunkist #1		8/21/84	47.4	10.7	14.0			24.0	8.0	13.7	0.3	295		211	163	8.5
Sunkist #1		11/15/84	51.0	12.0	15.0	2.0	198.0	16.0	11.0	20.0	0.4	230	400	178	163	7.5
Sunkist #1		7/1/85	47.3	10.9	15.0			15.7	7.9	10.8	0.4	348		163	184	7.9
Sunkist #1		4/29/86	49.8	10.0	16.0			16.2	13.2	24.2	0.3	295		166	150	7.6
Sunkist #1		7/24/86	57.0	11.0	15.0	2.0	189.0	15.0	11.0	32.0	0.2	270	420	189	155	7.4
Sunkist #1		2/3/87	48.9	11.3	16.0			13.5		9.4		368		169	160	8.0
Sunkist #1		2/4/88	56.0	12.0	15.0	2.0	204.0	20.0	13.0	29.0	0.6	275	430	190	168	7.7
Sunkist #1		5/23/89	55.7	10.8	13.8			16.6	10.4	30.1	0.2	265	397	184	169	8.2
Sunkist #1		8/24/89	60.0	13.0	15.0	2.0	192.0	21.0	16.0	35.0	0.2	265	460	204	158	7.6
Sunkist #1		11/14/89	58.3	12.0	15.7			20.2	11.1	38.5	0.2		360	195	153	7.9
Sunkist #1		1/30/90								18.5		186				
Sunkist #1		1/30/90	62.7	12.8	16.1	2.0		17.0	6.2	11.1		186	372	176		7.1
Sunkist #1		1/30/90	75.2	13.3	16.0			22.6	13.5	35.4	0.2		378	242	154	8.0
Sunkist #1		4/3/90	60.6	12.6	15.8			19.6	11.2	35.0	0.2		384	203	148	7.9
Sunkist #1		6/6/90	55.7	10.6	14.1			20.0	10.8	36.5	0.2		452	183	149	8.1
Sunkist #1		8/27/90										290				
Sunkist #1		8/27/90	61.0	12.0	15.0	2.0	192.0	19.0	16.0	38.0		290	480	204	158	7.7
Sunkist #1		12/17/90								18.5						
Sunkist #1		12/17/90	42.2	15.9	15.6			45.8	65.3	18.5	0.2		589	171	124	7.9
Sunkist #1		12/17/90								18.5						



**EXHIBIT C  
CHINO BASIN  
GROUNDWATER QUALITY MONITORING DATA 1971 - 1997**

State Well Number	Recordation Number	Sample Date	Cations				Anions					TDS (mg/L)	EC (umho/cm)	T. Alk. (mg/l)	T. Hard. (mg/l)	pH
			Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Nitrate (mg/L as NO3)	Flouride (mg/L)					
Sunkist #1		4/11/91	60.0	13.0	9.0	2.0	195.0	22.0	17.0	39.0		250	480	203	160	7.8
Sunkist #1		9/26/91	61.0	12.0	14.0	2.0	195.0	22.0	20.0	40.0	0.3	285	460	203	160	7.7
Sunkist #1		12/11/91	59.0	12.0	14.0	2.0	189.0	22.0	19.0	41.0	0.3	265	400	198	155	7.6
Sunkist #1		1/14/92	61.0	12.0	14.0	2.0	189.0	22.0	22.0	41.0	0.5	305	450			7.6
Sunkist #2		12/17/76	50.0	11.0	14.0	2.0	186.0	15.0	11.0	25.0	0.2	190	370	170		7.6
Sunkist #2		12/29/77	58.0	8.0	13.0	2.0	180.0	15.0	12.0	24.0	0.3	245	410	176		7.5
Sunkist #2		1/18/79	52.0	9.0	13.0	2.0	186.0	13.0	11.0	23.0	0.5	255	400	166		7.8
Sunkist #2		10/5/79	55.0	7.0	14.0	2.0	192.0	14.0	12.0	26.0	0.3	255	390	166		7.3
Sunkist #2		5/20/80	50.0	10.0	13.0	2.0	173.0	16.0	12.0	24.0	0.3		405	167	142	6.9
Sunkist #2		9/22/81	52.0	11.0	13.0	2.0	176.0	15.0	14.0	29.0	0.4	245	390	176	145	7.0
Sunkist #2		5/27/82		11.0	13.0	2.0	189.0	14.0	12.0	27.0	0.3	240	410	174	155	7.7
Sunkist #2		12/10/82	46.0	6.0	36.0	2.0	189.0	23.0	16.0	28.0	0.3	250	430	140	155	7.7
Sunkist #2		4/26/83	53.0	14.0	15.0	2.0	192.0	15.0	14.0	25.0	0.7	245	410	191	158	7.8
Sunkist #2		9/27/83	49.0	11.0	14.0	2.0	192.0	15.0	36.0	25.0	0.8	245	380	169	158	7.7
Sunkist #2		1/17/84			22.0				8.2	19.0	0.4			180		8.3
Sunkist #2		11/15/84	53.0	12.0	14.0	2.0	192.0	15.0	14.0	30.0	0.4		400	183	158	7.5
Sunkist #2		7/1/85	53.4	10.8	15.0			14.0	12.8	28.1	0.3	367		178	178	8.0
Sunkist #2		4/29/86	49.0	9.9	15.0			14.4	12.8	23.7	0.3	381		163	151	7.5
Sunkist #2		7/24/86	57.0	11.0	15.0	2.0	189.0	17.0	13.0	29.0	0.2		430	189	155	7.4
Sunkist #2		2/3/87	56.5	11.6	16.0			10.5	13.7	28.9		307		189	156	8.1
Sunkist #2		2/4/88	57.0	12.0	15.0	2.0	192.0	17.0	14.0	36.0	0.6		430	193	158	7.8
Sunkist #2		5/23/89	56.2	11.0	14.2			13.1	10.0	37.4	0.3		395	186	164	8.0
Sunkist #2		7/20/89										265				
Sunkist #2		11/14/89								37.8						
Sunkist #2		2/21/90	54.2	12.5	16.6			19.8	10.0	11.8	0.3		330	187	150	8.0
Sunkist #2		4/3/90	59.6	12.4	15.6			15.1	10.3	38.8	0.2		373			8.0
Turner No.5		2/13/97	36.3	10.2	17.8	19.7	151.0	14.2	2.8	2.3	0.2	240	387	130	124	7.5
Turner No.5		3/4/97	44.3	11.0	20.2	22.1	172.0	34.9	25.0	8.0	0.2	274	424	150	141	7.8
Upland 1A		2/5/92								7.7						
V. W. Rasner		2/2/96	124.0	57.8	115.0	4.3	151.0	120.0	231.0	59.7	0.5	996	1540	520	247	7.4
Wineville		2/18/97	48.1	6.9	20.6	6.1	163.0	37.4	16.8	12.0	0.3	253	378	139	134	8.4
Wineville		3/4/97	42.5	5.4	21.8	4.4	144.0	38.7	15.0	8.0	0.1	526	320	123	118	8.0
	300231	2/25/97	191.0	44.7	89.8	4.0	471.0	94.2	132.0	149.7	0.1	944	1504	650	386	7.3
	300228	3/10/97	112.0	50.5	105.0	4.6	314.0	95.7	218.0	55.4	0.7	866	1443	495	257	7.1
	300229	3/10/97	126.0	60.0	154.0	4.1	418.0	128.0	290.0	78.8	0.7	1157	1870	603	343	7.2