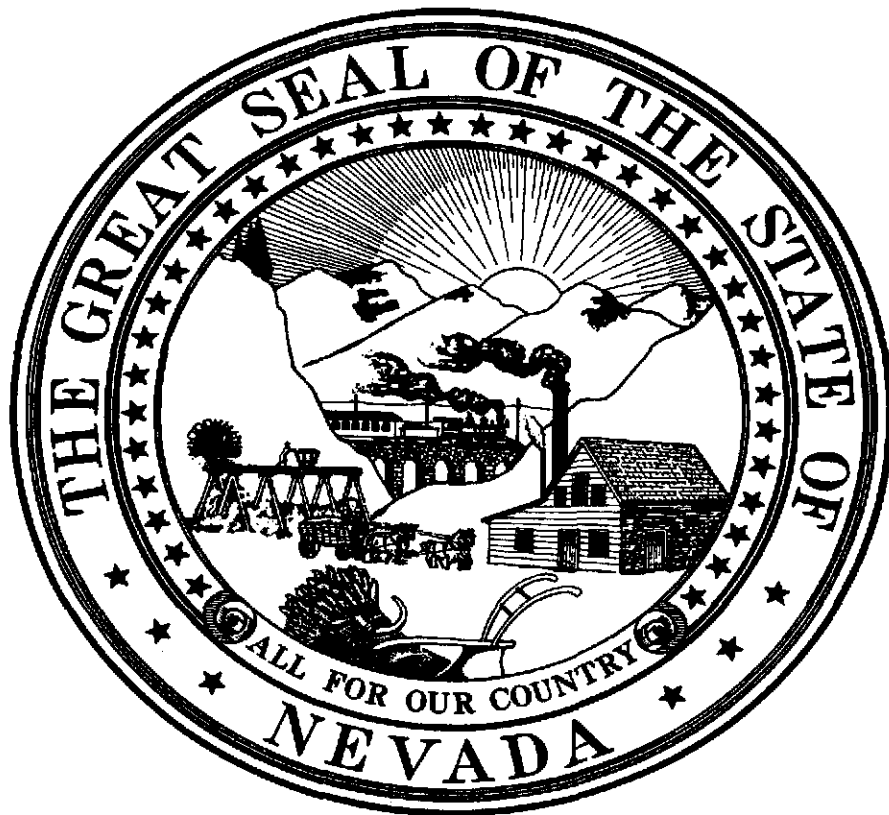


**ESTIMATED ANNUAL GROUND-WATER PUMPAGE
1994 – 2003
SMITH VALLEY AND MASON VALLEY
LYON COUNTY, NEVADA**



Department of Conservation and Natural Resources

Hugh Ricci, P.E. - State Engineer

Division of Water Resources

**Nevada Department of Conservation and Natural Resources
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By Thomas K. Gallagher



**Prepared in cooperation with the
United States Geological Survey and with other agencies**

PREFACE

This report is one in a series of reports of estimated ground-water pumpage compiled by the Nevada Division of Water Resources beginning in 1994. The author wishes to acknowledge the people of Smith and Mason Valleys for their cooperation in this effort. Thanks especially to the members of the Division's Engineering staff, who have contributed extensively and have made this work possible. Thanks also to Ken Spooner, the Walker River Irrigation District and Chief Deputy Water Commissioner Jim Shaw. The assistance of the Desert Research Institute, the Natural Resources Conservation Service, Sierra Pacific Power Company and the United States Geological Survey is also appreciated.

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SMITH VALLEY (Hydrographic Area 107)

Table 1.	Active Underground Water Rights and Estimated Duty - Indexed By Permit Number
Table 2.	Active Underground Water Rights and Estimated Duty - Indexed By Location
Table 3.	Estimated Annual Ground-water Pumpage by Well Location

MASON VALLEY (Hydrographic Area 108)

Table 4.	Active Underground Water Rights and Estimated Duty - Indexed By Permit Number
Table 5.	Active Underground Water Rights and Estimated Duty - Indexed By Location
Table 6.	Estimated Annual Ground-water Pumpage by Well Location

APPENDICES

Appendix A	Well Numbering System
Appendix B	Limitation of Gaging in Trapezoidal Concrete Ditches
Appendix C	Field Methods Used in Determining Well Discharges

EXECUTIVE SUMMARY

The Nevada Division of Water Resources collected field data from large capacity irrigation wells, fish hatchery wells, municipal and other well sites to determine discharge rates and total annual pumpage from Smith Valley and Mason Valley. This report provides estimated gross ground-water pumpage by well location for calendar years 1994-2003 and updates gross pumpage and site data for wells that had poor estimates or were either not included or were not pumping during site visits in previous years.

Hydrographic Setting and History

Smith Valley and Mason Valley are two adjacent alluvial basins located in Western Nevada, lying within portions of Douglas, Lyon and Mineral Counties, and within the western part of the Great Basin, (see vicinity map). These valleys make up a portion of the Walker River watershed, which has its headwaters high on the eastern slope of the Sierra Nevada Mountains. The West Fork of the Walker River watershed above Antelope Valley or Coleville has an area of about 250 square miles and the East Fork watershed above Bridgeport comprises about 359 square miles. The runoff generated by snowmelt in this high country occurs primarily in April, May and June. Two significant storage reservoirs on the stream system are at Topaz Lake, straddling the California-Nevada state line, and Bridgeport Reservoir, just downstream of Bridgeport, California. Both were built with private moneys to control releases of water for irrigation in Smith and Mason Valleys. Topaz Lake is an off-stream storage facility completed in 1921 on the West Fork of the Walker with a usable capacity of 59,440 acre-feet. Bridgeport Reservoir was completed in 1924 on the East Fork and has a capacity of 42,460 acre-feet. Both reservoirs are used, operated and maintained by the Walker River Irrigation District.

The initial court decision adjudicating the water rights of the Walker River, known as Decree 731, was issued in 1919. The decree primarily quantified direct diversions from the river and tributaries and did not address storage rights. Distribution of the waters of the Walker River was more specifically set forth in 1936 by a U.S. Federal Court Decree, known as C-125, (United States of America v. Walker River Irrigation District et al) that incorporated the parties and rights of the earlier decree and addressed storage rights and the rights of the Walker River Paiute Tribe of Indians on reservation lands.

The West Fork of the Walker River crosses Smith Valley and flows east to the confluence with the East Fork in Mason Valley. The main stem continues north and east out of Mason Valley to Weber Reservoir for irrigation on tribal lands and then continues south to its terminus at Walker Lake. The economy of the area is largely irrigated agriculture.

Precipitation

The average annual precipitation ranges from about 5 inches per year on the valley floor to about 20 inches in the surrounding mountains. The average frost-free growing season above 32°F and 24°F is about 110 days and 200 days, respectively.

The mean annual precipitation values for Yerington, Smith and Topaz are 5.37, 6.72 and 9.72 inches respectively. The total precipitation recorded by these respective sites for calendar 2003 is 3.48, 3.60, and 2.53 inches. The monthly and annual precipitation data for these three sites are available at Western Regional Climate Center's website <http://www.wrcc.dri.edu/summary/climsmnv.html> (Desert Research Institute Western Regional Climate Center unpublished data).

Stream flow

The discharge or runoff of the West Walker River at Hoyer Bridge, near Wellington, Nevada has a 1910-2003 average of 178,400 AF. The West Walker River at Wilson Canyon, near Hudson, Nevada has a 1915-2003 average of 143,000 AF. The East Walker River above Strosnider Ditch near Mason, Nevada has a 1948-2003 average of 109,600 AF. The Walker River outflow from Mason Valley near Wabuska, Nevada has a 1902-2003 average of 121,000 AF. The annual runoff data are obtained from the gaging station record in the United States Geological Survey (USGS) Annual Data Reports (NV-94-1 through NV-02-1), and from personal communication with USGS staff for 2003 data. Additional study is needed to determine relationships between these gage sites in other years. The annual discharge data is shown on the following table and graphs, immediately following this section.

Ground-water Levels

Annual springtime static ground-water levels have been collected by the Division since the early 1970's. These water levels give an indication of the impact of recharge and the stress from pumping the aquifer in the preceding year. Generally, during "wet years", the water level rise in both valleys reflects the impact of above average mountain snow pack and stream flow and the coinciding small ground-water

withdrawals during the following irrigation season. During drought periods, the reverse is generally true, as is indicated by water level drops in the years following below average snow pack and stream flow. Fluctuations in ground-water levels from year to year are generally the greatest where the wells are located away from the main stem of the stream and in the south and east parts of Mason Valley. At the end of this report are hydrographs of some of the wells that are measured annually.

General Background

There are about 100 well sites in Smith Valley and about 200 well sites in Mason Valley that were established in the data base for the purposes of this study. These included sites where pumpage was likely to be significant (not including domestic use sites); in almost all cases, the site use was irrigation. The database also includes small duty permits or sites that were not pumped or are abandoned.

The discharge rate of each well site was measured in the field by several methods. Every attempt was made to obtain the most accurate instantaneous well discharge since these flow rates were later expanded to daily and annual rates. The number of days of pumping for each site was then determined from electric meter readings, that is, the electric meter was essentially used as a clock. Generally, in these two valleys, the electric consumption per day stayed constant throughout the year and from year to year, as is verified by data collected in this study. Annual discharge was determined for all sites that had accurate flow rate measurements and electric (time) clock records.

All estimates of annual well discharge are shown in Table 3 for Smith Valley and Table 6 for Mason Valley, and these tables are sorted on well location. The well location numbering system is described in Appendix A. The reason for this layout is that annual discharge was associated with an actual well in the field, not with a permit number, and due to the fact that a well site in many cases has more than one permit associated with it.

In order to determine pumpage associated with a permit, find the well location associated with the permit in Table 1 for Smith Valley or Table 4 for Mason Valley, then use the other tables to determine ground-water pumpage and other site information.

As of February 1, 2000, the State Engineer required all wells to be equipped with functioning totalizing flow meters in the well discharge line. Flow meter readings were taken to determine instantaneous flow rates and estimates by the electric meter/clock method were also computed for comparison. In all cases

where the flow meter readings were considered accurate, the estimated total pumpage for that site was the value determined by the flow meter only. The electric meter method of estimating annual discharge gave surprisingly accurate total values in many cases. Four years of metered pumpage has confirmed the accuracy of the earlier estimates, and in some cases has provided for corrections in earlier estimates.

Well discharge data for some sites were not available since the wells were abandoned, were not pumping during site visits or had complicated plumbing at the wellhead.

The water right and annual duty information for each valley is included in Table 1 and Table 3 and it is sorted on permit number. The water duty is generally the maximum amount of ground water that can be pumped under that permit, and generally, that amount is supplemental to a water right from the stream system. The amount of water pumped, divided by the permitted or certificated acreage, gives a theoretical application rate of feet of water per acre. Four (4) acre feet per acre is typically assigned as a condition of permit for these valleys. For ground-water rights that supplement surface-water rights, the total duty is four (4) acre feet per acre from all sources. Nearly all irrigation well permits are supplemental to surface-water rights in these valleys.

Tables 2 and 5 have the same water right permit and annual duty information as in Tables 1 and 3 but are indexed on site location.

Approximately 485 domestic use wells contribute about 1000 acre-feet of ground-water pumpage annually in Smith Valley. Approximately 910 domestic use wells contribute about 2000 acre-feet of ground-water pumpage annually in Mason Valley. These values are estimates only using the statutory allowance for domestic wells of 1,800 gallons per day per well **and are not included in the major use estimate for each valley.**

In conclusion, this report of gross annual pumpage includes data for the years 1994 – 2003. Even though earlier publications exist that address Smith and Mason Valley ground-water pumpage, all years since the inception are included in this report because many sites may have been updated due to more field data and due to metered values. The site information will continue to be refined and checked for accuracy and the withdrawal data may be valuable in future computer modeling efforts.

HYDROGRAPHIC AREA SUMMARY

HYDROGRAPHIC AREA NUMBER	107, REGION 9		
HYDROGRAPHIC AREA NAME	SMITH VALLEY		
COUNTIES	DOUGLAS, LYON, MONO		
NEAREST COMMUNITIES	SMITH, WELLINGTON		
DESIGNATED	YES		
PREFERRED USE	NONE		
PREVIOUS DENIALS BASED ON WATER AVAILABLE	IRRIG, MINING		
GROUND-WATER LEVEL MEASUREMENTS	NDWR ANNUALLY		
PUMPAGE INVENTORY, AFY	30,575	DATE: 2003	
PERENNIAL YIELD, AFY	17,000		
SYSTEM YIELD, AFY	62,000		
REFERENCE	USGS BULLETIN 43		
COMMITTED GROUND-WATER RESOURCE, AFY.....	58,344	DATE: 2003	
IRRIG: 56,328	STOCK: 467	MUN, QM: 188	DOM: 324*
MINING: 227	COMM: 730	IND: 58	OTHER: 21
PUBLISHED REPORTS:	USGS BULLETIN SERIES NO. 43		
STATE ENGINEER'S ORDERS:			
NO. 245 - DESIGNATION OF BASIN	DATE:	02/25/60	
NO. 253 - MEASURING DEVICES	DATE:	08/02/61	
NO. 1126 - CURTAILMENT - EXCEPT 1,800 GPD	DATE:	02/04/1997	
NO. 1159 - WATER METERS REQUIRED	DATE:	02/01/2000	

COMMENTS: UPPER PORTION OF THIS HYDROGRAPHIC AREA LIES WITHIN CALIFORNIA

*DOMESTIC USE LISTED ABOVE DOES NOT INCLUDE DOMESTIC WELLS DRILLED PURSUANT TO NRS 534.180(1).

HYDROGRAPHIC AREA SUMMARY

HYDROGRAPHIC AREA NUMBER 108, REGION 9
HYDROGRAPHIC AREA NAME MASON VALLEY
COUNTIES LYON, MONO
NEAREST COMMUNITIES BRIDGEPORT, YERINGTON
DESIGNATED YES
PREFERRED USE NONE
PREVIOUS DENIALS BASED ON WATER AVAILABLE IRRIG, MINING
GROUND-WATER LEVEL MEASUREMENTS NDWR, ANNUALLY
PUMPAGE INVENTORY, AFY 101,033 DATE: 2003
PERENNIAL YIELD, AFY 25,000
SYSTEM YIELD, AFY 100,000

REFERENCE USGS BULLETIN 38

COMMITTED GROUND-WATER RESOURCE, AFY 154,246 DATE: 2003
IRRIG: 118,893 STOCK: 356 MUN, QM: 5,979 DOM: 18*
MINING: 9,820 COMM: 355 IND: 12,459 REC: 6,146

PUBLISHED REPORTS: USGS BULLETIN SERIES NO. 38

STATE ENGINEER'S ORDERS:

NO. 627 - DESIGNATION OF BASIN	DATE:	01/20/70
NO. 691 - AMENDED DESIGNATION	DATE:	09/07/77
NO. 1125 - CURTAILMENT - EXCEPT 1,800 GPD	DATE:	02/04/1997
NO. 1158 - WATER METERS REQUIRED	DATE:	02/01/2000

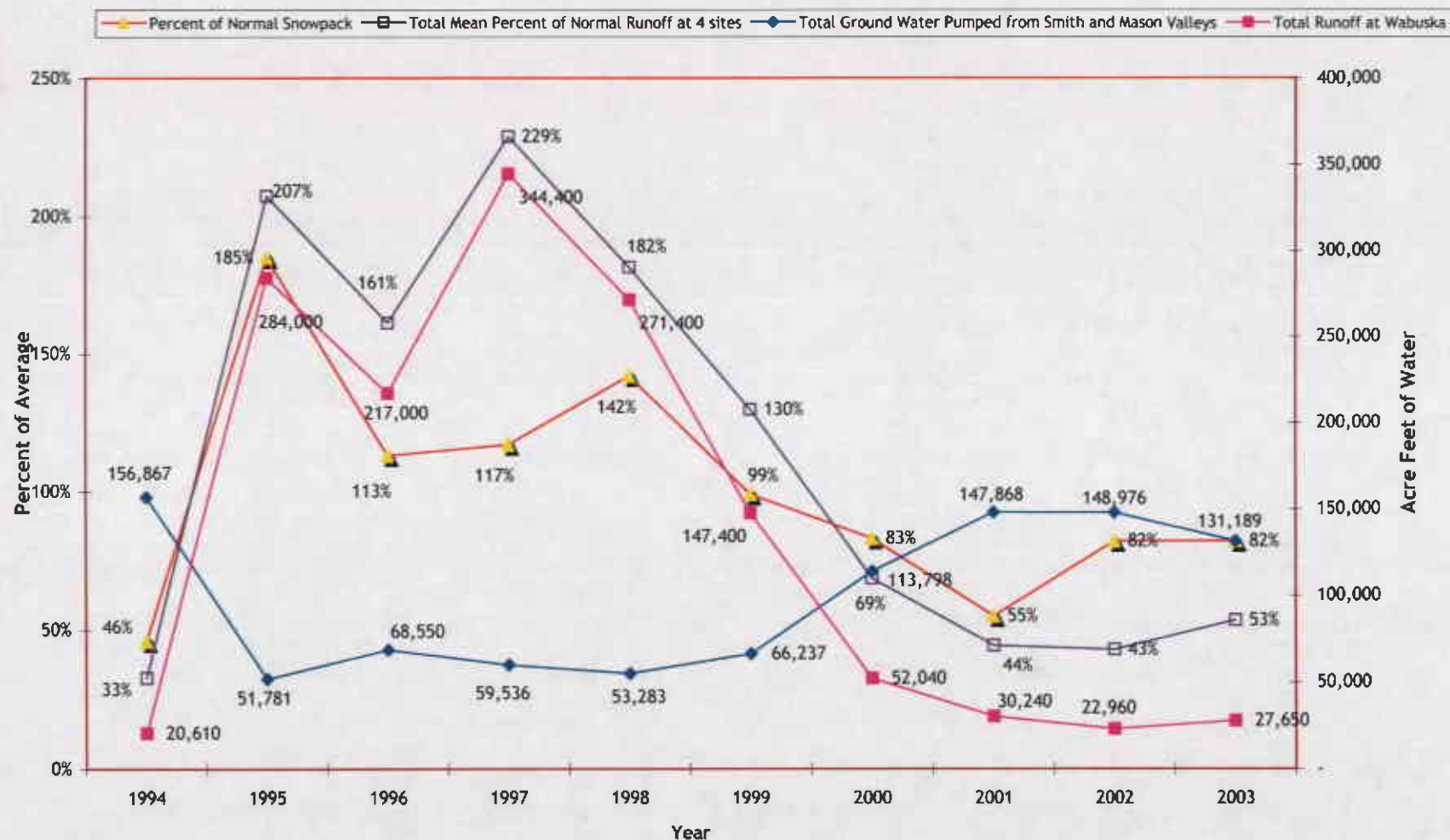
COMMENTS: THE UPPER PORTION OF THIS HYDROGRAPHIC AREA LIES WITHIN CALIFORNIA.

*DOMESTIC USE LISTED ABOVE DOES NOT INCLUDE DOMESTIC WELLS DRILLED PURSUANT TO NRS 534.180(1).

Summary of Estimated Annual Ground-Water Pumpage, Smith and Mason Valleys, Nevada
(All Values in Acre-Feet)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	AVG
SMITH VALLEY	33,204	10,340	17,249	15,901	13,391	16,957	29,579	31,313	32,613	30,156	23,070
MASON VALLEY	123,663	41,441	51,302	43,889	41,466	49,280	84,220	116,555	115,216	101,033	76,806
TOTALS:	156,867	51,781	68,550	59,789	54,857	66,237	113,798	147,868	147,828	131,189	99,877

Walker River Basin Snowpack on April 1, Total Mean Percent of Normal Annual Runoff at 4 Gaged Sites, Annual Gross Volume of Ground Water Pumped and Runoff at Downstream Gage



*Hoye, Wilson, Strosnider and Wabuska

Figure 1

**Summary of Annual Runoff at Four Walker River Gages and Average Annual Flow
(All Values in Acre-Feet)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003*	AVG
HOYE BRIDGE	87,760	342,600	266,200	354,000	278,900	250,600	147,100	95,580	106,600	131,800	178,400
WILSON CANYON	49,700	284,200	216,900	313,100	215,200	200,200	113,100	71,990	80,380	92,130	143,000
STROSNIDER	32,700	223,000	180,300	233,800	213,600	127,900	76,450	53,340	40,150	57,810	109,600
WABUSKA	20,610	284,000	217,000	344,400	271,400	147,400	52,040	30,240	22,960	27,650	121,000

*Water Year

Annual Runoff at Four Walker River Gages and Average Annual Flow

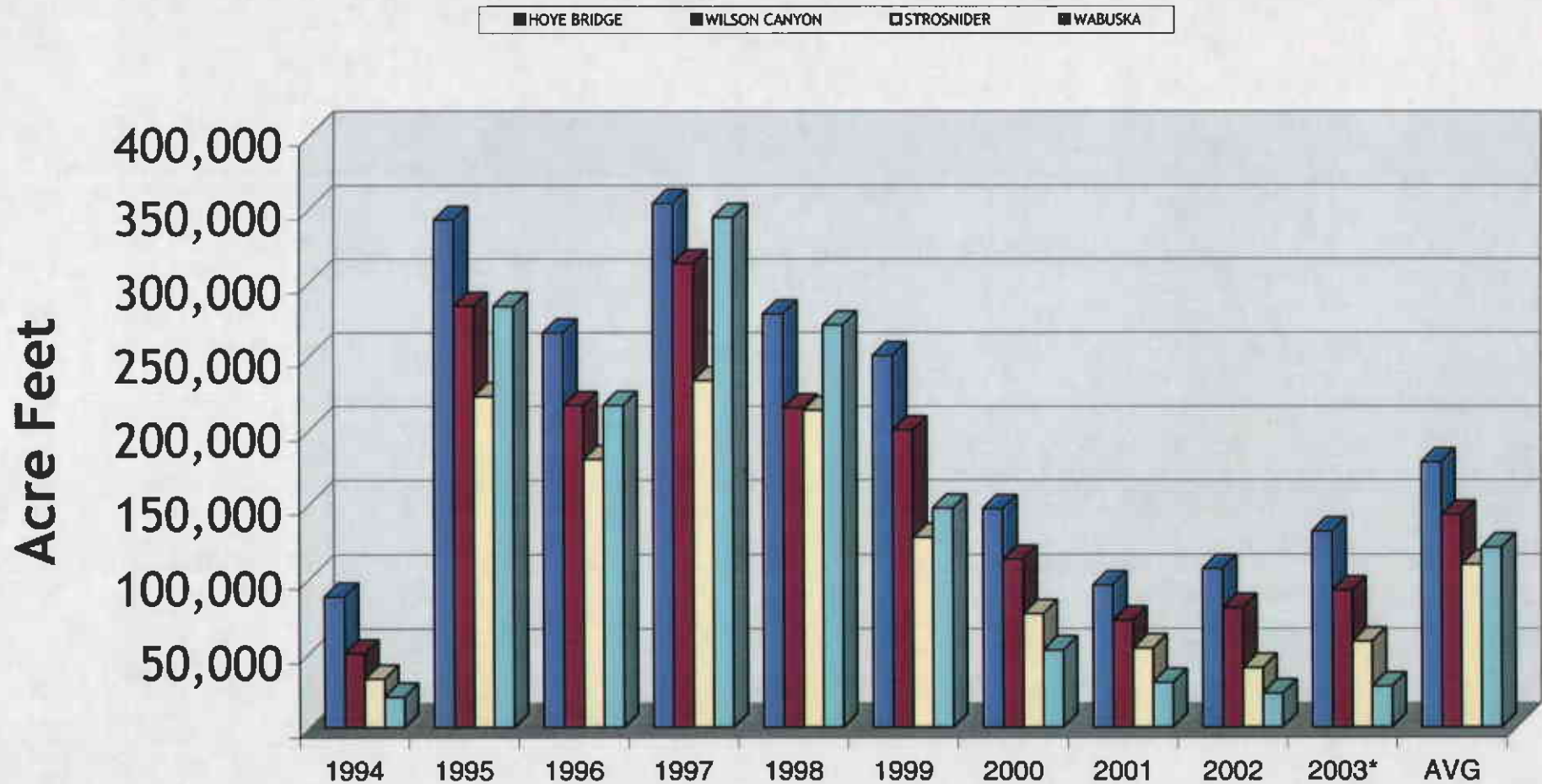


Figure 2

* Water Year

**Percent of Average Annual Runoff
at Walker River Gages by Site**

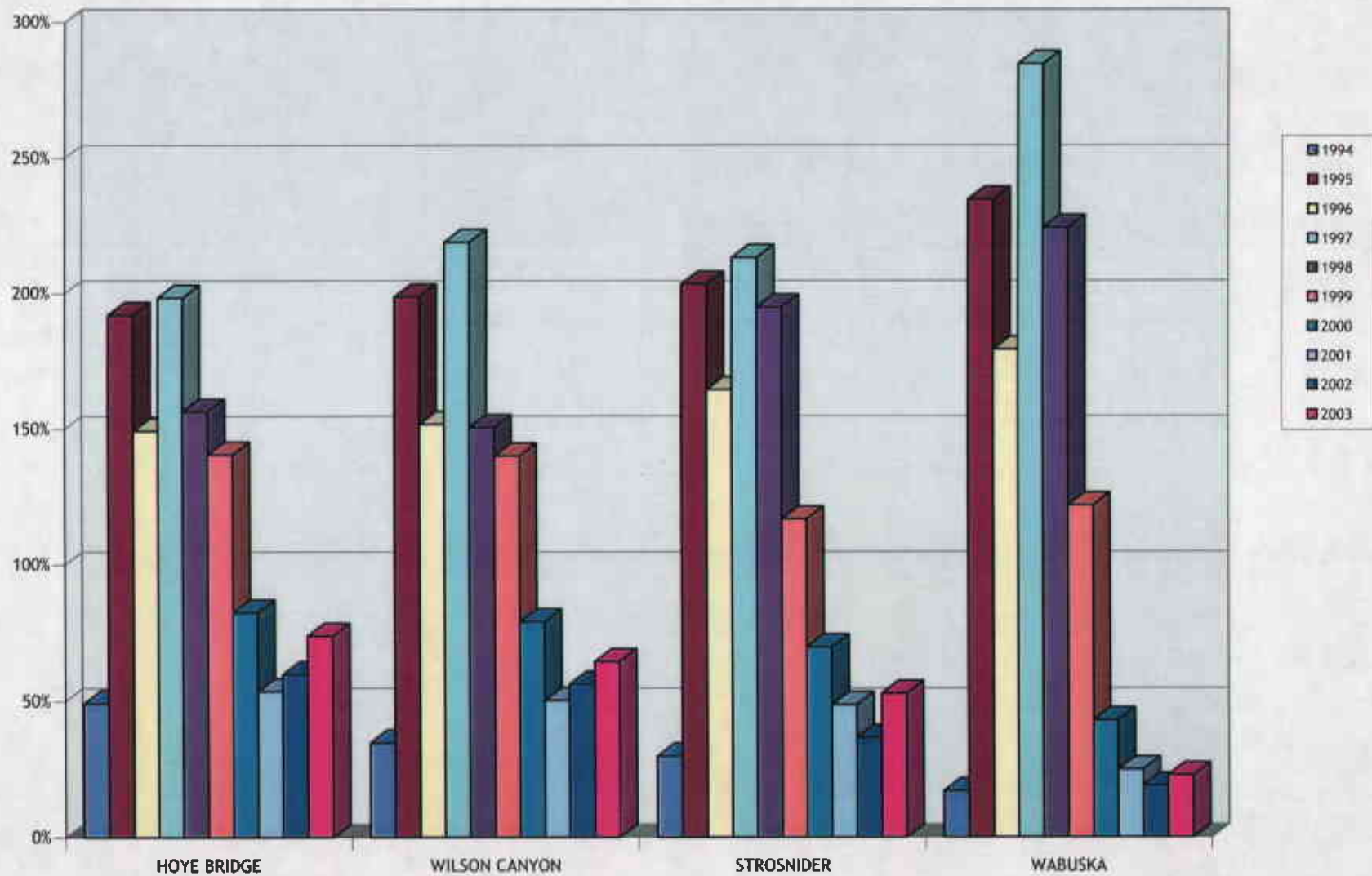


Figure 3

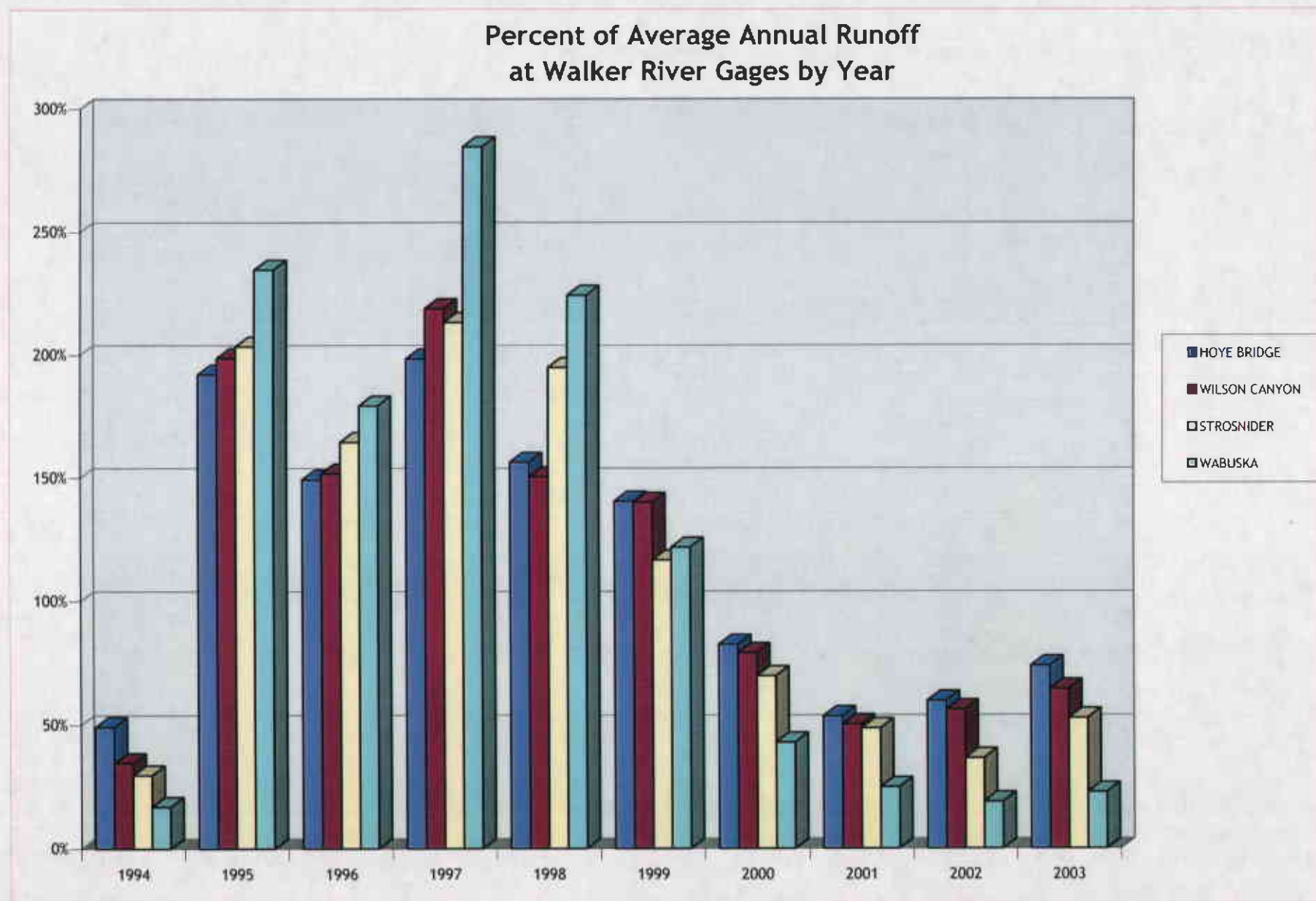
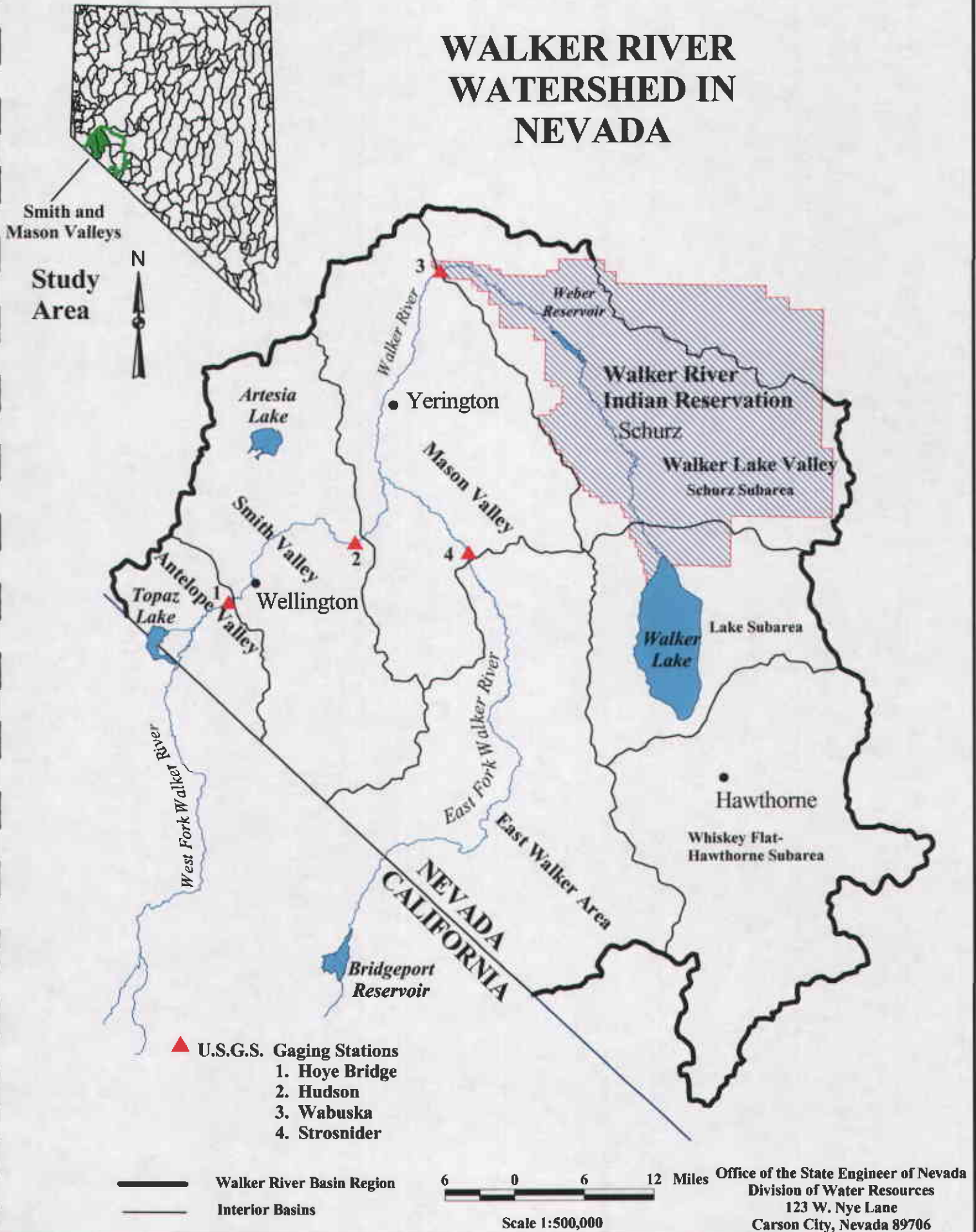
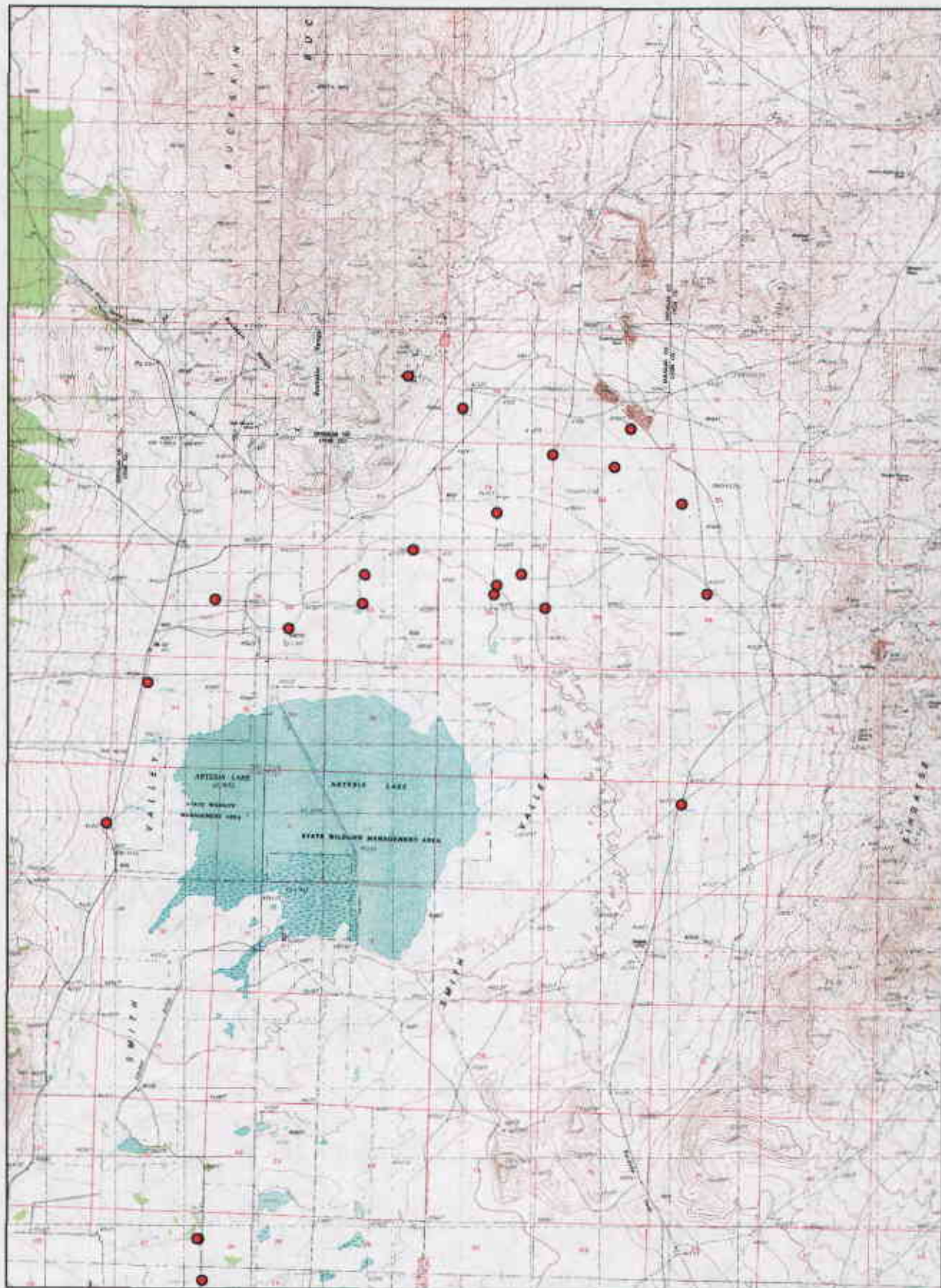


Figure 4

WALKER RIVER WATERSHED IN NEVADA



NORTHERN PORTION SMITH VALLEY BASIN 9-107



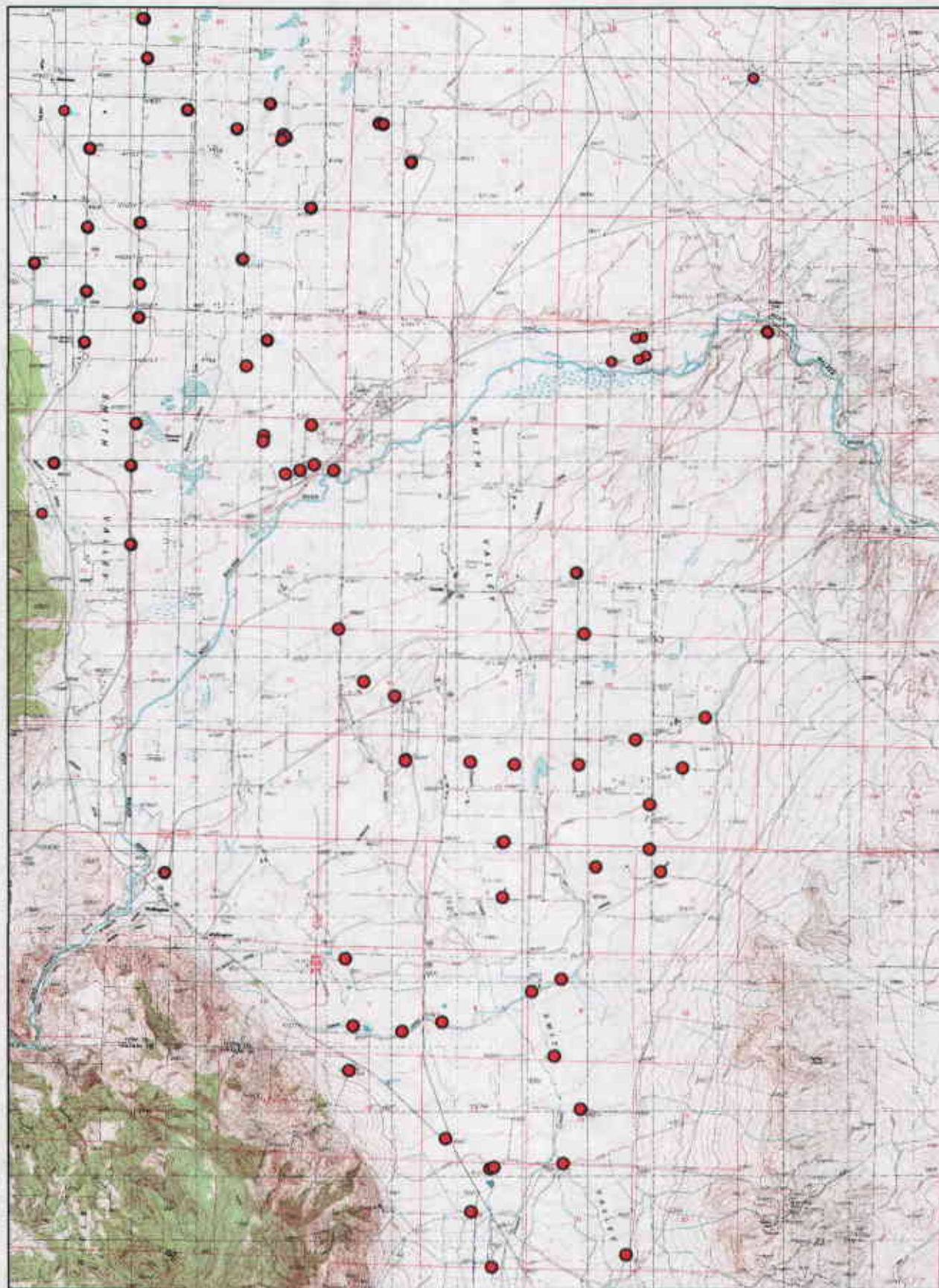
● Well



0 0.5 1 2 Miles

NDWR

SOUTHERN PORTION SMITH VALLEY BASIN 9-107



● Well

0 0.5 1 2 Miles

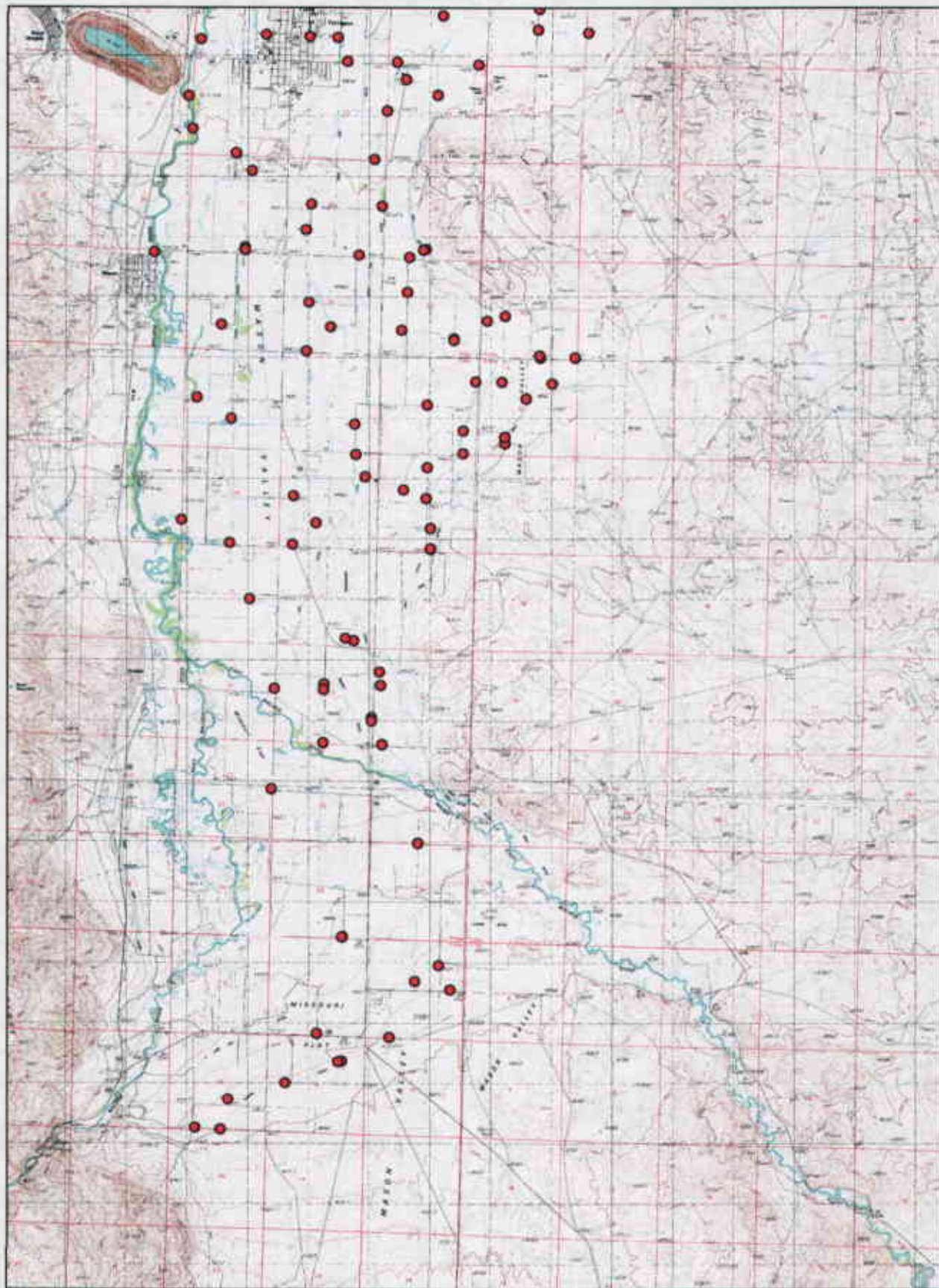
NDWR

This is a detailed topographic map of the Madison Valley area. The map features a grid overlay and numerous red dots indicating specific locations or data points. Key geographical features include the Madison River, Madison Valley, and various geographical markers like 'Madison River', 'Madison Valley', and 'Madison River'. The map also shows a large reservoir or lake in the upper right corner, labeled 'MADISON RESERVOIR'. The terrain is depicted with various shades of brown, green, and blue, representing different elevations and water bodies. The map is oriented with North at the top.



NDWR

SOUTHERN PORTION MASON VALLEY BASIN 9-108



● Well



0 0.5 1 2 Miles

NDWR

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
12156	CER	OTH	NE	NE	18	11N	24E	20.68
12255	CER	STK	NW	SE	7	11N	24E	1.29
12262	CER	STK	SW	SE	2	11N	23E	10.86
12263	CER	STK	SW	NW	36	12N	23E	4.36
12265	CER	STK	NW	NW	36	12N	23E	14.49
12269	CER	STK	SW	SE	17	11N	24E	14.49
12270	CER	STK	NW	SW	16	11N	24E	14.49
12271	CER	STK	NW	NW	9	11N	24E	3.59
12272	CER	STK	NE	SE	17	11N	24E	21.73
12273	CER	STK	NW	SE	17	11N	24E	72.43
12275	CER	IRR	SE	SE	19	11N	24E	160.00
12276	CER	IRR	NE	NE	30	11N	24E	120.00
12277	CER	IRR	SE	NE	30	11N	24E	112.00
12278	CER	IRR	NW	SW	5	10N	24E	144.50
12281	CER	DOM	NE	SE	32	11N	24E	18.11
12301	CER	STK	NE	NE	25	11N	23E	1.93
12303	CER	STK	NE	SW	25	11N	23E	0.89
12304	CER	STK	NE	SE	35	12N	23E	4.36
12305	CER	STK	SW	SW	36	12N	23E	4.82
12306	CER	IRR	NW	SE	19	11N	24E	25.30
12307	CER	STK	SE	SE	26	11N	23E	1.20
12308	CER	DOM	SW	SW	25	11N	23E	3.22
12309	CER	STK	NW	NW	31	11N	24E	2.24
12323	CER	DOM	NE	SE	19	11N	24E	3.22
12324	CER	STK	NE	NE	19	11N	24E	31.86
12325	CER	DOM	SE	NE	19	11N	24E	3.22
12339	CER	IRR	NE	SE	19	11N	24E	12.00
12340	CER	IRR	SE	NE	18	11N	24E	38.87
12341	CER	STK	NW	SE	19	11N	24E	0.74
12342	CER	STK	NW	SW	19	11N	24E	4.36
12343	CER	IRR	NE	SE	26	11N	23E	28.01
12344	CER	STK	NW	NE	34	12N	23E	14.49
12345	CER	STK	SW	NE	19	11N	24E	1.44
12346	CER	STK	NW	NE	19	11N	24E	1.44
12347	CER	STK	NE	SE	25	11N	23E	6.72
12348	CER	STK	NW	SE	25	11N	23E	6.72
12352	CER	DOM	NE	SE	19	11N	24E	1.99
12371	CER	DOM	NW	SW	20	11N	24E	0.71
12372	CER	IRR	SW	NE	35	11N	23E	100.88
12373	CER	STK	NE	SE	18	11N	24E	1.66
12374	CER	IRR	NW	NE	29	11N	24E	32.59
12375	CER	STK	NE	SW	24	11N	23E	11.20
12376	CER	STK	NE	NE	26	11N	23E	2.24
12377	CER	STK	NW	NE	26	11N	23E	2.24
12378	CER	STK	SW	NE	36	11N	23E	2.46
12379	CER	COM	NW	SW	20	11N	24E	6.91
12398	CER	STK	SW	NW	19	11N	24E	11.57
12399	CER	DOM	SE	NE	25	11N	23E	3.22
12465	CER	STK	SW	NE	22	12N	23E	18.11

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
12466	CER	STK	SE	SE	22	12N	23E	28.97
12575	CER	IRR	SW	SE	3	11N	23E	102.00
12651	CER	IRR	SW	SE	14	12N	23E	564.80
12782	CER	IRR	NW	SE	24	11N	23E	120.00
13344	CER	IRR	SW	SW	13	12N	23E	9.87
13494	CER	IRR	SE	SW	4	10N	24E	792.00
14013	CER	IRR	SW	NW	20	11N	24E	10.60
14818	CER	IRR	NW	SE	29	11N	24E	352.00
14987	CER	IRR	SW	NW	9	10N	24E	1172.00
15572	CER	DOM	NW	SE	20	11N	24E	3.22
16440	CER	IRR	NW	NW	3	10N	24E	660.48
16477	CER	IRR	SE	NE	1	10N	23E	907.00
16628	CER	IRR	SE	NW	36	12N	23E	695.00
16629	CER	IRR	NE	NE	35	12N	23E	79.80
16798	CER	IRR	NW	SW	24	12N	23E	858.88
16824	CER	IRR	NW	NE	23	12N	23E	129.00
16825	CER	IRR	NW	NE	23	12N	23E	16.13
16826	CER	IRR	NE	SE	26	12N	23E	48.36
16827	CER	STK	SE	SW	25	12N	23E	0.74
17755	CER	IRR	SE	NE	13	11N	23E	60.00
17756	CER	IRR	NW	NW	18	11N	24E	42.74
18313	CER	IRR	SW	SE	35	12N	23E	533.64
18327	CER	IRR	NE	SW	13	11N	23E	186.00
18368	CER	IRR	SW	SE	36	12N	23E	1296.00
18435	CER	IRR	NW	NE	20	10N	24E	1401.40
18680	CER	IRR	SE	SE	7	10N	24E	1200.00
18689	CER	IRR	SW	NE	34	12N	23E	640.00
18804	CER	IRR	NE	NE	27	12N	23E	1600.00
18822	CER	IRR	NW	NW	2	11N	23E	1542.00
18879	CER	IRR	NE	NW	9	10N	24E	1148.00
18938	CER	IRR	SW	NW	30	11N	24E	2052.00
18953	CER	IRR	SW	SE	28	12N	23E	800.00
18990	CER	IRR	NW	NW	23	11N	23E	292.00
19102	CER	IND	SE	NE	18	11N	24E	14.48
19600	CER	IRR	NW	NW	11	11N	23E	1101.40
19602	CER	IRR	SW	SW	31	11N	24E	760.36
19919	CER	IRR	NW	SW	36	11N	23E	26.40
19983	CER	IRR	NW	NW	32	11N	24E	1264.00
20014	CER	IRR	SE	NW	20	10N	24E	1347.60
20351	CER	IRR	SW	NE	10	11N	23E	850.36
20491	CER	IRR	SW	SE	3	11N	23E	650.00
20977	CER	IRR	NW	NW	2	10N	23E	160.00
21277	CER	STK	NW	SW	22	10N	24E	0.74
21279	CER	IRR	SW	SW	15	11N	23E	717.20
22904	CER	IRD	SW	NE	16	10N	24E	601.60
22936	CER	IRR	NE	NW	34	12N	23E	1684.31
23162	CER	STK	NW	SW	26	12N	23E	22.40
23191	CER	IRR	NW	NW	13	11N	23E	165.60
23521	CER	IRR	SW	NE	10	11N	23E	207.92

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
23627	CER	IRR	NE	NW	21	10N	24E	624.00
23800	CER	IRR	SE	SE	2	11N	23E	24.00
24347	CER	COM	SW	SW	15	11N	23E	1968.72
24815	CER	IRR	SE	NE	2	11N	23E	628.00
25347	CER	IRR	SW	NW	12	11N	23E	240.24
25374	CER	IRD	SE	SW	9	10N	24E	511.76
25441	CER	IRR	SW	SW	2	11N	23E	720.00
25506	CER	IRR	SE	SW	7	10N	24E	650.00
25543	CER	IRR	SW	NW	12	11N	23E	256.72
25690	CER	IRR	NW	SW	12	11N	23E	449.28
25895	CER	IRR	NE	NE	35	12N	23E	127.68
26360	CER	IRR	SE	NW	23	11N	23E	9.60
26730	CER	IRR	NW	SW	8	10N	24E	1792.00
26804	CER	IRR	NE	SW	15	11N	23E	1068.00
26838	CER	IRR	SE	NE	2	11N	23E	320.00
26883	CER	IRR	SW	SW	17	10N	24E	1416.72
26937	CER	IRR	NW	SE	30	11N	24E	36.64
27298	CER	IRR	NW	SE	13	11N	23E	59.00
27317	CER	IRR	NW	SW	3	11N	23E	1106.00
27704	CER	IND	SW	SE	20	10N	24E	43.36
28293	CER	IRR	NE	NW	18	10N	24E	301.20
32742	CER	QM	NE	SE	19	11N	24E	3.84
33232	CER	IRR	NW	SW	8	10N	24E	1232.00
36823	CER	IRR	NE	NW	31	12N	24E	33.68
36824	CER	IRR	NW	SE	31	12N	24E	26.31
37030	CER	IRR	NE	SW	25	13N	23E	93.60
37034	CER	IRR	SE	SE	24	13N	23E	1600.00
40400	CER	IRR	NW	SW	12	11N	23E	21.72
41361	CER	IRR	NE	NW	18	10N	24E	340.00
43318	CER	MM	NW	NE	20	13N	24E	39.13
43578	CER	STK	SW	NW	21	13N	24E	18.11
46606	CER	IRR	SW	NW	12	11N	23E	10.88
46607	CER	IRR	SW	NW	12	11N	23E	256.72
46608	CER	IRR	NW	SW	12	11N	23E	84.14
46622	PER	QM	NE	NE	10	11N	24E	44.81
48597	CER	MM	NW	SW	18	13N	24E	187.82
48738	CER	STK	NULL	LT02	7	11N	24E	13.52
48739	CER	STK	NE	SE	7	11N	24E	12.79
50311	CER	STK	NE	SW	31	14N	24E	26.79
50926	CER	IRR	NE	NW	13	11N	23E	12.80
51546	PER	QM	NW	SW	1	10N	23E	133.93
51967	PER	REC	NW	SW	1	10N	23E	133.93
53075	PER	COM	NW	SW	20	11N	24E	2.88
53835	PER	COM	NE	NE	9	11N	24E	115.70
53836	PER	COM	SE	NE	9	11N	24E	115.70
53837	PER	COM	SE	NE	9	11N	24E	115.70
53907	PER	IRR	SW	SE	7	10N	24E	17.60
54441	CER	STK	NE	SE	22	13N	23E	8.96
54655	CER	IRR	NW	NW	3	10N	24E	151.60

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
55027	PER	IRR	NE	NW	31	12N	24E	55.42
55028	PER	IRR	NE	NW	31	12N	24E	43.30
55085	CER	IRR	NE	SE	33	11N	24E	65.29
55254	CER	COM	SW	NW	2	10N	23E	0.55
56746	CER	COM	SW	SW	20	11N	24E	3.22
57236	PER	IRR	NW	NE	20	10N	24E	48.00
57237	PER	IRR	NW	NE	20	10N	24E	80.00
57362	PER	COM	SW	NE	9	11N	24E	115.70
57495	CER	IRR	NW	NE	3	11N	23E	210.40
57771	CER	STK	SW	SE	25	12N	23E	11.20
58873	PER	IRR	SW	SE	32	11N	24E	593.60
58874	PER	IRR	SW	SE	32	11N	24E	1161.24
58875	PER	IRR	NW	NE	4	10N	24E	753.60
58876	PER	IRR	SW	NE	32	11N	24E	2232.00
58878	PER	IRR	SW	NE	32	11N	24E	1934.00
58994	CER	IRR	NW	SW	12	11N	23E	16.80
59173	PER	COM	NE	SW	2	10N	23E	0.21
60037	CER	COM	NE	SW	2	10N	23E	8.59
60649	PER	COM	SE	SE	2	10N	23E	1.14
60725	CER	IRR	SW	NE	35	12N	23E	12.50
60726	CER	IRR	SW	NE	35	12N	23E	20.00
60814	CER	IRR	SE	SE	28	11N	24E	489.01
60816	CER	IRR	NE	NW	33	11N	24E	3.98
60817	CER	IRR	NE	NW	33	11N	24E	636.00
60818	CER	IRR	SE	SW	27	11N	24E	448.00
61183	CER	IRR	SW	NE	32	11N	24E	89.54
61721	PER	COM	NE	NE	11	10N	23E	1.57
61898	PER	IRR	SE	NE	35	12N	23E	84.00
61899	PER	IRR	SE	NE	35	12N	23E	52.50
61987	CER	IRR	NE	SE	18	10N	24E	20.00
62002	CER	STK	NE	SE	27	12N	24E	8.96
62128	PER	COM	NE	SW	2	10N	23E	20.00
62213	PER	QM	NW	SW	30	11N	24E	4.00
62214	PER	IRR	SW	SW	27	11N	24E	42.00
62992	PER	QM	NW	SW	17	10N	24E	1.68
63302	CER	IRR	SW	SW	27	11N	24E	12.00
63460	CER	IRR	SE	SE	28	11N	24E	4.74
63461	CER	IRR	SE	SE	28	11N	24E	5.26
63462	CER	IRR	SE	SE	28	11N	24E	40.76
63463	CER	IRR	SE	SE	28	11N	24E	45.24
63521	CER	IRR	SW	NE	34	12N	23E	48.50
63522	CER	IRR	SW	NE	34	12N	23E	77.60
63716	CER	COM	NW	NE	31	11N	24E	10.92
63781	CER	COM	NW	SE	2	10N	23E	2.18
64012	CER	IRR	NE	NW	34	11N	24E	99.52
64013	CER	IRR	SE	SE	24	11N	23E	254.74
64014	CER	IRR	SE	SE	24	11N	23E	65.26
64015	CER	COM	SE	SE	2	10N	23E	4.02
64035	PER	COM	SE	SE	2	10N	23E	2.03

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
64036	PER	COM	SE	SE	2	10N	23E	2.03
64393	CER	COM	NW	SE	2	10N	23E	0.87
64394	CER	COM	NW	SE	2	10N	23E	4.85
64437	CER	COM	SW	NW	19	11N	24E	0.44
64509	PER	IRR	SE	NE	28	11N	24E	8.00
64537	PER	IRR	SW	NE	13	11N	23E	8.00
64863	PER	IRR	SE	SE	26	11N	23E	16.00
64961	PER	IRR	NE	SW	8	09N	24E	20.00
65148	PER	IRR	NE	SE	18	10N	24E	63.76
65149	PER	IRR	NE	SE	18	10N	24E	16.20
65150	PER	IRR	NE	SE	18	10N	24E	63.76
65151	PER	IRR	NE	SE	18	10N	24E	63.76
65172	CER	CON	NE	NE	11	10N	23E	1.45
65407	PER	IRR	SW	SE	29	10N	24E	2.40
65468	PER	IRR	NE	NE	4	10N	24E	20.00
65470	PER	IRR	SE	SW	5	09N	24E	160.00
65499	PER	IRR	SE	NE	14	12N	23E	98.60
65590	PER	IRR	SE	NE	14	12N	23E	123.50
65591	PER	IRR	SE	NE	14	12N	23E	123.50
66092	PER	IRR	SE	SW	27	11N	24E	12.50
66093	PER	IRR	SE	SW	27	11N	24E	20.00
66170	PER	IRR	NE	NW	33	12N	23E	7.24
66209	PER	COM	SE	SE	29	11N	24E	2.03
66253	CER	IRR	SW	NE	5	10N	24E	40.00
66254	CER	IRR	SW	NE	5	10N	24E	332.00
66255	CER	IRR	SW	NE	5	10N	24E	40.00
66457	PER	IRR	NW	NE	9	11N	23E	11.23
66458	PER	IRR	NW	NE	9	11N	23E	8.77
66653	PER	IRR	SE	SW	10	11N	23E	17.28
66737	PER	COM	NW	NE	35	12N	23E	20.00
66845	PER	IRR	SE	SW	10	11N	23E	92.00
66917	PER	COM	NE	SE	21	11N	24E	2.02
66918	PER	COM	SW	NW	21	11N	24E	2.02
66919	PER	COM	NE	SE	21	11N	24E	2.02
67694	PER	IRR	SE	SW	27	11N	24E	8.00
67889	PER	COM	NW	NW	8	11N	24E	0.66
68043	PER	IRR	NE	NW	31	12N	24E	539.66
68151	PER	COM	SE	SE	21	10N	24E	162.02
68457	PER	COM	SW	SE	3	11N	23E	2.02
68458	PER	COM	NW	SW	21	11N	24E	2.02
68767	PER	IRR	NE	SE	4	12N	23E	193.85
68768	PER	IRR	NE	SE	4	12N	23E	90.71
68769	PER	IRR	SE	SW	34	13N	23E	145.14
68770	PER	IRR	SE	SW	34	13N	23E	380.00
68771	PER	IRR	SE	SW	34	13N	23E	18.70
68772	PER	IRR	NE	SE	4	12N	23E	619.90
68773	PER	IRR	NE	SE	27	13N	23E	1316.00
68774	PER	IRR	SE	NW	34	13N	23E	723.97
68775	PER	IRR	NE	NW	26	13N	23E	320.40

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APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
68776	PER	IRR	SE	NW	34	13N	23E	957.60
68777	PER	IRR	SE	NW	34	13N	23E	657.60
68778	PER	IRR	NE	NW	26	13N	23E	320.40
68779	PER	IRR	NE	NW	26	13N	23E	213.16
68780	PER	IRR	NE	NW	26	13N	23E	213.16
68963	PER	COM	SE	SE	2	10N	23E	0.30
69415	PER	IRR	NE	NE	30	13N	24E	616.88
69416	PER	IRR	SE	NE	30	13N	24E	653.72
69417	PER	IRR	NW	SE	19	13N	24E	616.88
69418	PER	IRR	SW	NE	30	13N	24E	608.16
69419	PER	IRR	SW	NE	30	13N	24E	320.00
69450	PER	IRR	SE	SE	24	13N	23E	110.00
69451	PER	IRR	SE	SE	24	13N	23E	110.00
69452	PER	IRR	SE	SE	24	13N	23E	208.00
69712	PER	IRR	SE	NE	26	12N	23E	5.00
69801	PER	STK	SE	SW	7	11N	24E	21.72
12156R01	RLP	DOM	SE	SW	15	11N	24E	65.00
12156R02	RLP	DOM	SE	SW	27	11N	23E	2.02
12156R03	RLP	DOM	NE	NE	18	11N	24E	10.10
16629R01	RLP	DOM	NULL	NULL	34	11N	23E	20.20
17756R01	RLP	DOM	NW	NW	18	11N	24E	11.00
23521R01	RLP	IRR	SW	NE	10	11N	23E	8.08
23667R01	RLP	DOM	NW	NE	28	11N	24E	36.36
23667R02	RLP	DOM	NULL	NE	28	11N	24E	6.06
25374R01	RLP	DOM	SE	SW	9	10N	24E	22.22
25374R02	RLP	IRR	SE	SW	9	10N	24E	14.14
25374R03	RLP	IRR	SE	SW	9	10N	24E	10.10
25543R01	RLP	DOM	SW	NW	12	11N	23E	15.88
25895R01	RLP	DOM	NULL	NULL	34	11N	23E	32.32
36524A01	CER	IRR	NW	SE	31	12N	24E	219.30
36524A02	CER	IRR	NW	SE	31	12N	24E	202.32
46606R01	RLP	DOM	SW	NW	12	11N	23E	0.28
46607R01	RLP	DOM	SW	NW	12	11N	23E	15.88
48738R01	RLP	DOM	SW	NW	7	11N	24E	27.02
48738R02	RLP	DOM	SW	NW	7	11N	24E	13.24
48739R01	RLP	DOM	NE	SE	7	11N	24E	25.57
57921E	PER	ENV	SW	NW	18	13N	24E	36.21
58091E	PER	ENV	NW	SW	18	13N	24E	72.43
65470R01	RLP	DOM	SE	SW	5	09N	24E	2.02

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
65470R01	RLP	DOM	SE	SW	5	09N	24E	2.02
65470	PER	IRR	SE	SW	5	09N	24E	160.00
64961	PER	IRR	NE	SW	8	09N	24E	20.00
51967	PER	REC	NW	SW	1	10N	23E	133.93
51546	PER	QM	NW	SW	1	10N	23E	133.93
16477	CER	IRR	SE	NE	1	10N	23E	907.00
68963	PER	COM	SE	SE	2	10N	23E	0.30
59173	PER	COM	NE	SW	2	10N	23E	0.21
64394	CER	COM	NW	SE	2	10N	23E	4.85
63781	CER	COM	NW	SE	2	10N	23E	2.18
64015	CER	COM	SE	SE	2	10N	23E	4.02
64393	CER	COM	NW	SE	2	10N	23E	0.87
64035	PER	COM	SE	SE	2	10N	23E	2.03
60649	PER	COM	SE	SE	2	10N	23E	1.14
64036	PER	COM	SE	SE	2	10N	23E	2.03
20977	CER	IRR	NW	NW	2	10N	23E	160.00
62128	PER	COM	NE	SW	2	10N	23E	20.00
55254	CER	COM	SW	NW	2	10N	23E	0.55
60037	CER	COM	NE	SW	2	10N	23E	8.59
61721	PER	COM	NE	NE	11	10N	23E	1.57
65172	CER	CON	NE	NE	11	10N	23E	1.45
16440	CER	IRR	NW	NW	3	10N	24E	660.48
54655	CER	IRR	NW	NW	3	10N	24E	151.60
58875	PER	IRR	NW	NE	4	10N	24E	753.60
13494	CER	IRR	SE	SW	4	10N	24E	792.00
65468	PER	IRR	NE	NE	4	10N	24E	20.00
12278	CER	IRR	NW	SW	5	10N	24E	144.50
66255	CER	IRR	SW	NE	5	10N	24E	40.00
66254	CER	IRR	SW	NE	5	10N	24E	332.00
66253	CER	IRR	SW	NE	5	10N	24E	40.00
53907	PER	IRR	SW	SE	7	10N	24E	17.60
18680	CER	IRR	SE	SE	7	10N	24E	1200.00
25506	CER	IRR	SE	SW	7	10N	24E	650.00
26730	CER	IRR	NW	SW	8	10N	24E	1792.00
33232	CER	IRR	NW	SW	8	10N	24E	1232.00
25374R01	RLP	DOM	SE	SW	9	10N	24E	22.22
25374R03	RLP	IRR	SE	SW	9	10N	24E	10.10
25374R02	RLP	IRR	SE	SW	9	10N	24E	14.14
14987	CER	IRR	SW	NW	9	10N	24E	1172.00
18879	CER	IRR	NE	NW	9	10N	24E	1148.00
25374	CER	IRD	SE	SW	9	10N	24E	511.76
22904	CER	IRD	SW	NE	16	10N	24E	601.60
26883	CER	IRR	SW	SW	17	10N	24E	1416.72
62992	PER	QM	NW	SW	17	10N	24E	1.68
61987	CER	IRR	NE	SE	18	10N	24E	20.00
28293	CER	IRR	NE	NW	18	10N	24E	301.20
41361	CER	IRR	NE	NW	18	10N	24E	340.00
65151	PER	IRR	NE	SE	18	10N	24E	63.76
65149	PER	IRR	NE	SE	18	10N	24E	16.20

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
65150	PER	IRR	NE	SE	18	10N	24E	63.76
65148	PER	IRR	NE	SE	18	10N	24E	63.76
18435	CER	IRR	NW	NE	20	10N	24E	1401.40
27704	CER	IND	SW	SE	20	10N	24E	43.36
57236	PER	IRR	NW	NE	20	10N	24E	48.00
20014	CER	IRR	SE	NW	20	10N	24E	1347.60
57237	PER	IRR	NW	NE	20	10N	24E	80.00
23627	CER	IRR	NE	NW	21	10N	24E	624.00
68151	PER	COM	SE	SE	21	10N	24E	162.02
21277	CER	STK	NW	SW	22	10N	24E	0.74
65407	PER	IRR	SW	SE	29	10N	24E	2.40
23800	CER	IRR	SE	SE	2	11N	23E	24.00
24815	CER	IRR	SE	NE	2	11N	23E	628.00
25441	CER	IRR	SW	SW	2	11N	23E	720.00
26838	CER	IRR	SE	NE	2	11N	23E	320.00
18822	CER	IRR	NW	NW	2	11N	23E	1542.00
12262	CER	STK	SW	SE	2	11N	23E	10.86
57495	CER	IRR	NW	NE	3	11N	23E	210.40
20491	CER	IRR	SW	SE	3	11N	23E	650.00
12575	CER	IRR	SW	SE	3	11N	23E	102.00
27317	CER	IRR	NW	SW	3	11N	23E	1106.00
68457	PER	COM	SW	SE	3	11N	23E	2.02
66457	PER	IRR	NW	NE	9	11N	23E	11.23
66458	PER	IRR	NW	NE	9	11N	23E	8.77
20351	CER	IRR	SW	NE	10	11N	23E	850.36
23521R01	RLP	IRR	SW	NE	10	11N	23E	8.08
66653	PER	IRR	SE	SW	10	11N	23E	17.28
66845	PER	IRR	SE	SW	10	11N	23E	92.00
23521	CER	IRR	SW	NE	10	11N	23E	207.92
19600	CER	IRR	NW	NW	11	11N	23E	1101.40
58994	CER	IRR	NW	SW	12	11N	23E	16.80
46606	CER	IRR	SW	NW	12	11N	23E	10.88
25543R01	RLP	DOM	SW	NW	12	11N	23E	15.88
40400	CER	IRR	NW	SW	12	11N	23E	21.72
46606R01	RLP	DOM	SW	NW	12	11N	23E	0.28
25690	CER	IRR	NW	SW	12	11N	23E	449.28
46607R01	RLP	DOM	SW	NW	12	11N	23E	15.88
46608	CER	IRR	NW	SW	12	11N	23E	84.14
25347	CER	IRR	SW	NW	12	11N	23E	240.24
25543	CER	IRR	SW	NW	12	11N	23E	256.72
46607	CER	IRR	SW	NW	12	11N	23E	256.72
27298	CER	IRR	NW	SE	13	11N	23E	59.00
17755	CER	IRR	SE	NE	13	11N	23E	60.00
18327	CER	IRR	NE	SW	13	11N	23E	186.00
64537	PER	IRR	SW	NE	13	11N	23E	8.00
50926	CER	IRR	NE	NW	13	11N	23E	12.80
23191	CER	IRR	NW	NW	13	11N	23E	165.60
21279	CER	IRR	SW	SW	15	11N	23E	717.20
24347	CER	COM	SW	SW	15	11N	23E	1968.72

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
26804	CER	IRR	NE	SW	15	11N	23E	1068.00
18990	CER	IRR	NW	NW	23	11N	23E	292.00
26360	CER	IRR	SE	NW	23	11N	23E	9.60
12782	CER	IRR	NW	SE	24	11N	23E	120.00
12375	CER	STK	NE	SW	24	11N	23E	11.20
64013	CER	IRR	SE	SE	24	11N	23E	254.74
64014	CER	IRR	SE	SE	24	11N	23E	65.26
12347	CER	STK	NE	SE	25	11N	23E	6.72
12303	CER	STK	NE	SW	25	11N	23E	0.89
12301	CER	STK	NE	NE	25	11N	23E	1.93
12308	CER	DOM	SW	SW	25	11N	23E	3.22
12399	CER	DOM	SE	NE	25	11N	23E	3.22
12348	CER	STK	NW	SE	25	11N	23E	6.72
12343	CER	IRR	NE	SE	26	11N	23E	28.01
12376	CER	STK	NE	NE	26	11N	23E	2.24
12307	CER	STK	SE	SE	26	11N	23E	1.20
12377	CER	STK	NW	NE	26	11N	23E	2.24
64863	PER	IRR	SE	SE	26	11N	23E	16.00
12156R02	RLP	DOM	SE	SW	27	11N	23E	2.02
25895R01	RLP	DOM	NULL	NULL	34	11N	23E	32.32
16629R01	RLP	DOM	NULL	NULL	34	11N	23E	20.20
12372	CER	IRR	SW	NE	35	11N	23E	100.88
19919	CER	IRR	NW	SW	36	11N	23E	26.40
12378	CER	STK	SW	NE	36	11N	23E	2.46
48738R01	RLP	DOM	SW	NW	7	11N	24E	27.02
48738R02	RLP	DOM	SW	NW	7	11N	24E	13.24
69801	PER	STK	SE	SW	7	11N	24E	21.72
12255	CER	STK	NW	SE	7	11N	24E	1.29
48739	CER	STK	NE	SE	7	11N	24E	12.79
48739R01	RLP	DOM	NE	SE	7	11N	24E	25.57
48738	CER	STK	NULL	LT02	7	11N	24E	13.52
67889	PER	COM	NW	NW	8	11N	24E	0.66
57362	PER	COM	SW	NE	9	11N	24E	115.70
53837	PER	COM	SE	NE	9	11N	24E	115.70
53836	PER	COM	SE	NE	9	11N	24E	115.70
12271	CER	STK	NW	NW	9	11N	24E	3.59
53835	PER	COM	NE	NE	9	11N	24E	115.70
46622	PER	QM	NE	NE	10	11N	24E	44.81
12156R01	RLP	DOM	SE	SW	15	11N	24E	65.00
12270	CER	STK	NW	SW	16	11N	24E	14.49
12273	CER	STK	NW	SE	17	11N	24E	72.43
12269	CER	STK	SW	SE	17	11N	24E	14.49
12272	CER	STK	NE	SE	17	11N	24E	21.73
12156R03	RLP	DOM	NE	NE	18	11N	24E	10.10
19102	CER	IND	SE	NE	18	11N	24E	14.48
12340	CER	IRR	SE	NE	18	11N	24E	38.87
17756	CER	IRR	NW	NW	18	11N	24E	42.74
12373	CER	STK	NE	SE	18	11N	24E	1.66
12156	CER	OTH	NE	NE	18	11N	24E	20.68

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
17756R01	RLP	DOM	NW	NW	18	11N	24E	11.00
12324	CER	STK	NE	NE	19	11N	24E	31.86
64437	CER	COM	SW	NW	19	11N	24E	0.44
32742	CER	QM	NE	SE	19	11N	24E	3.84
12345	CER	STK	SW	NE	19	11N	24E	1.44
12398	CER	STK	SW	NW	19	11N	24E	11.57
12325	CER	DOM	SE	NE	19	11N	24E	3.22
12323	CER	DOM	NE	SE	19	11N	24E	3.22
12342	CER	STK	NW	SW	19	11N	24E	4.36
12275	CER	IRR	SE	SE	19	11N	24E	160.00
12346	CER	STK	NW	NE	19	11N	24E	1.44
12352	CER	DOM	NE	SE	19	11N	24E	1.99
12341	CER	STK	NW	SE	19	11N	24E	0.74
12306	CER	IRR	NW	SE	19	11N	24E	25.30
12339	CER	IRR	NE	SE	19	11N	24E	12.00
56746	CER	COM	SW	SW	20	11N	24E	3.22
12371	CER	DOM	NW	SW	20	11N	24E	0.71
14013	CER	IRR	SW	NW	20	11N	24E	10.60
15572	CER	DOM	NW	SE	20	11N	24E	3.22
53075	PER	COM	NW	SW	20	11N	24E	2.88
12379	CER	COM	NW	SW	20	11N	24E	6.91
66918	PER	COM	SW	NW	21	11N	24E	2.02
66919	PER	COM	NE	SE	21	11N	24E	2.02
68458	PER	COM	NW	SW	21	11N	24E	2.02
66917	PER	COM	NE	SE	21	11N	24E	2.02
62214	PER	IRR	SW	SW	27	11N	24E	42.00
66092	PER	IRR	SE	SW	27	11N	24E	12.50
63302	CER	IRR	SW	SW	27	11N	24E	12.00
60818	CER	IRR	SE	SW	27	11N	24E	448.00
67694	PER	IRR	SE	SW	27	11N	24E	8.00
66093	PER	IRR	SE	SW	27	11N	24E	20.00
63462	CER	IRR	SE	SE	28	11N	24E	40.76
63461	CER	IRR	SE	SE	28	11N	24E	5.26
63463	CER	IRR	SE	SE	28	11N	24E	45.24
63460	CER	IRR	SE	SE	28	11N	24E	4.74
60814	CER	IRR	SE	SE	28	11N	24E	489.01
64509	PER	IRR	SE	NE	28	11N	24E	8.00
23667R02	RLP	DOM	NULL	NE	28	11N	24E	6.06
23667R01	RLP	DOM	NW	NE	28	11N	24E	36.36
66209	PER	COM	SE	SE	29	11N	24E	2.03
14818	CER	IRR	NW	SE	29	11N	24E	352.00
12374	CER	IRR	NW	NE	29	11N	24E	32.59
12277	CER	IRR	SE	NE	30	11N	24E	112.00
12276	CER	IRR	NE	NE	30	11N	24E	120.00
62213	PER	QM	NW	SW	30	11N	24E	4.00
18938	CER	IRR	SW	NW	30	11N	24E	2052.00
26937	CER	IRR	NW	SE	30	11N	24E	36.64
12309	CER	STK	NW	NW	31	11N	24E	2.24
19602	CER	IRR	SW	SW	31	11N	24E	760.36

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
63716	CER	COM	NW	NE	31	11N	24E	10.92
61183	CER	IRR	SW	NE	32	11N	24E	89.54
58873	PER	IRR	SW	SE	32	11N	24E	593.60
19983	CER	IRR	NW	NW	32	11N	24E	1264.00
58878	PER	IRR	SW	NE	32	11N	24E	1934.00
12281	CER	DOM	NE	SE	32	11N	24E	18.11
58874	PER	IRR	SW	SE	32	11N	24E	1161.24
58876	PER	IRR	SW	NE	32	11N	24E	2232.00
55085	CER	IRR	NE	SE	33	11N	24E	65.29
60817	CER	IRR	NE	NW	33	11N	24E	636.00
60816	CER	IRR	NE	NW	33	11N	24E	3.98
64012	CER	IRR	NE	NW	34	11N	24E	99.52
68772	PER	IRR	NE	SE	4	12N	23E	619.90
68767	PER	IRR	NE	SE	4	12N	23E	193.85
68768	PER	IRR	NE	SE	4	12N	23E	90.71
13344	CER	IRR	SW	SW	13	12N	23E	9.87
12651	CER	IRR	SW	SE	14	12N	23E	564.80
65499	PER	IRR	SE	NE	14	12N	23E	98.60
65590	PER	IRR	SE	NE	14	12N	23E	123.50
65591	PER	IRR	SE	NE	14	12N	23E	123.50
12465	CER	STK	SW	NE	22	12N	23E	18.11
12466	CER	STK	SE	SE	22	12N	23E	28.97
16824	CER	IRR	NW	NE	23	12N	23E	129.00
16825	CER	IRR	NW	NE	23	12N	23E	16.13
16798	CER	IRR	NW	SW	24	12N	23E	858.88
16827	CER	STK	SE	SW	25	12N	23E	0.74
57771	CER	STK	SW	SE	25	12N	23E	11.20
69712	PER	IRR	SE	NE	26	12N	23E	5.00
23162	CER	STK	NW	SW	26	12N	23E	22.40
16826	CER	IRR	NE	SE	26	12N	23E	48.36
18804	CER	IRR	NE	NE	27	12N	23E	1600.00
18953	CER	IRR	SW	SE	28	12N	23E	800.00
66170	PER	IRR	NE	NW	33	12N	23E	7.24
63522	CER	IRR	SW	NE	34	12N	23E	77.60
63521	CER	IRR	SW	NE	34	12N	23E	48.50
12344	CER	STK	NW	NE	34	12N	23E	14.49
18689	CER	IRR	SW	NE	34	12N	23E	640.00
22936	CER	IRR	NE	NW	34	12N	23E	1684.31
12304	CER	STK	NE	SE	35	12N	23E	4.36
18313	CER	IRR	SW	SE	35	12N	23E	533.64
61898	PER	IRR	SE	NE	35	12N	23E	84.00
16629	CER	IRR	NE	NE	35	12N	23E	79.80
66737	PER	COM	NW	NE	35	12N	23E	20.00
61899	PER	IRR	SE	NE	35	12N	23E	52.50
60726	CER	IRR	SW	NE	35	12N	23E	20.00
25895	CER	IRR	NE	NE	35	12N	23E	127.68
60725	CER	IRR	SW	NE	35	12N	23E	12.50
12263	CER	STK	SW	NW	36	12N	23E	4.36
12305	CER	STK	SW	SW	36	12N	23E	4.82

Table 2 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
12265	CER	STK	NW	NW	36	12N	23E	14.49
18368	CER	IRR	SW	SE	36	12N	23E	1296.00
16628	CER	IRR	SE	NW	36	12N	23E	695.00
62002	CER	STK	NE	SE	27	12N	24E	8.96
36824	CER	IRR	NW	SE	31	12N	24E	26.31
36524A02	CER	IRR	NW	SE	31	12N	24E	202.32
36823	CER	IRR	NE	NW	31	12N	24E	33.68
55027	PER	IRR	NE	NW	31	12N	24E	55.42
36524A01	CER	IRR	NW	SE	31	12N	24E	219.30
55028	PER	IRR	NE	NW	31	12N	24E	43.30
68043	PER	IRR	NE	NW	31	12N	24E	539.66
54441	CER	STK	NE	SE	22	13N	23E	8.96
37034	CER	IRR	SE	SE	24	13N	23E	1600.00
69452	PER	IRR	SE	SE	24	13N	23E	208.00
69450	PER	IRR	SE	SE	24	13N	23E	110.00
69451	PER	IRR	SE	SE	24	13N	23E	110.00
37030	CER	IRR	NE	SW	25	13N	23E	93.60
68780	PER	IRR	NE	NW	26	13N	23E	213.16
68779	PER	IRR	NE	NW	26	13N	23E	213.16
68778	PER	IRR	NE	NW	26	13N	23E	320.40
68775	PER	IRR	NE	NW	26	13N	23E	320.40
68773	PER	IRR	NE	SE	27	13N	23E	1316.00
68776	PER	IRR	SE	NW	34	13N	23E	957.60
68771	PER	IRR	SE	SW	34	13N	23E	18.70
68769	PER	IRR	SE	SW	34	13N	23E	145.14
68770	PER	IRR	SE	SW	34	13N	23E	380.00
68777	PER	IRR	SE	NW	34	13N	23E	657.60
68774	PER	IRR	SE	NW	34	13N	23E	723.97
48597	CER	MM	NW	SW	18	13N	24E	187.82
57921E	PER	ENV	SW	NW	18	13N	24E	36.21
58091E	PER	ENV	NW	SW	18	13N	24E	72.43
69417	PER	IRR	NW	SE	19	13N	24E	616.88
43318	CER	MM	NW	NE	20	13N	24E	39.13
43578	CER	STK	SW	NW	21	13N	24E	18.11
69418	PER	IRR	SW	NE	30	13N	24E	608.16
69415	PER	IRR	NE	NE	30	13N	24E	616.88
69419	PER	IRR	SW	NE	30	13N	24E	320.00
69416	PER	IRR	SE	NE	30	13N	24E	653.72
50311	CER	STK	NE	SW	31	14N	24E	26.79

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)										
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
107 N10 E23 01ADCA1	16477		0										
107 N10 E23 01CB1	51546	P											
	51967		0.0										
107 N10 E23 02ACCD1	19734	I											
			1555.7										
				40.5									
					115.5								
						0.0							
							66.2						
								162.0					
									1843.1				
										1951.9			
											1982.6		
												1682.2	
107 N10 E23 02BB1	20977		0.0										
107 N10 E23 02BC1	55254		0.0										
107 N10 E23 02CA1	59173		0.0										
107 N10 E23 02CA2	60037		0.0										
107 N10 E23 02DD1	48833		0.0										
107 N10 E23 02DD2	60649		0.0										
107 N10 E23 22BA1	22446		0.0										
107 N10 E24 02ACCD1													
107 N10 E24 03BBAB1	54655	I											
			18.2										
				31.7									
					10.8								
						29.7							
							82.7						
								84.1					
									101.0				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										88.8		
											154.5	
												104.5
107 N10 E24 03BDD1	16440	I										
			221.1									
				0.1								
					25.8							
						8.6						
							22.1					
								180.0				
									301.9			
										339.3		
											327.2	
												276.6
107 N10 E24 04ABCA1	18661	I										
			289.7									
				0.0								
					60.2							
						26.6						
							0.0					
								244.5				
									740.6			
										718.6		
											847.9	
												525.6
107 N10 E24 04CDCC1	13494		0.0									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
107 N10 E24 05ACDD1	66253	I										
	66254								191.0			
	66255									0.0		
											174.2	
												212.8
107 N10 E24 05CBAD1	12278		0.0									
107 N10 E24 07BAC												
107 N10 E24 07CDBA1	25506											
			322.0									
				357.9								
					154.0							
						299.1						
							102.4					
								125.7				
									821.7			
										688.9		
											546.6	
												530.7
107 N10 E24 07DC1	53907											
										0.0		
107 N10 E24 07DDBA1	18680	I										
			1627.0									
				12.5								
					28.8							
						0.7						
							0.5					
								197.1				
									798.7			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										518.0		
											1012.5	
												725.1
107 N10 E24 08CBA1	26730	I										
	33232											
			859.2									
				62.8								
					228.5							
						325.3						
							149.9					
								277.0				
									802.5			
										997.2		
											1156.3	
												948.5
107 N10 E24 09BCBA1	14987	I										
	57851											
			508.9									
				15.0								
					43.7							
						18.6						
							0.0					
								1.9				
									383.5			
										122.4		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											454.1	
												402.9
107 N10 E24 09BAC1	18879	I										
	SEE 14897											
			626.8									
				78.6								
					97.5							
						79.0						
							107.7					
								135.1				
									379.3			
										559.6		
											630.1	
												533.1
107 N10 E24 09CCDD1	25374	I	0.0									
				27.7								
					0.0							
						445.3						
							566.1					
								963.7				
									824.0			
										412.8		
											362.6	
												384.6
107 N10 E24 16ACCC1	22904	I										
			464.2									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				165.6								
					277.8							
						209.9						
							370.3					
								445.2				
									468.4			
										432.4		
											530.6	
												464.0
107 N10 E24 17CCAA1	26883	I										
			2477.1									
				703.2								
					1361.6							
						993.3						
							799.4					
								1213.2				
									1094.4			
										1029.4		
											467.9	
												1171.0
107 N10 E24 18BACD1	28293	I										
	41361											
			364.1									
				331.1								
					468.5							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						402.3						
							389.2					
								479.6				
									322.5			
										405.2		
											558.2	
												481.9
107 N10 E24 20ABAD1	18435	I				729.1						
107 N10 E24 20ABAD2	18435	I										
				76.6								
					158.8							
						101.3						
							149.8					
								281.1				
									896.6			
										896.6		
											878.6	
												786.8
107 N10 E24 20BDDD1	20014	I										
			292.1									
				60.0								
					348.7							
						244.6						
							237.0					
								357.1				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									413.3			
										383.6		
											543.2	
												267.8
107 N10 E24 20DCCD1	27704	IND										
			36.7									
				20.5								
					7.2							
						28.5						
							74.0					
								16.8				
									7.2			
										22.2		
											58.0	
												72.2
107 N10 E24 21BAAB1	23627	I										
	43116											
			208.0									
				146.7								
					404.5							
						458.0						
							384.4					
								444.0				
									447.3			
										434.2		
											127.1	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												248.7
107 N10 E24 21DDAD1		FISH									109.8	
												114.4
107 N10 E24 22CB1	21277	S	0.0									
107 N11 E23 02ADDD1	24815	I										
	26838											
			920.8									
				650.3								
					507.1							
						430.4						
							373.9					
								366.4				
									231.0			
										475.9		
											419.3	
												502.3
107 N11 E23 02BBCC1	18822	I										
			986.3									
				0.0								
					217.3							
						0.0						
							0.1					
								164.7				
									565.4			
										0.0		
107 N11 E23 02BBCC2		I									94.0	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											1382.0	
												774.4
107 N11 E23 02CCBB1	25441	I	801.6									
				286.3								
					326.1							
						381.9						
							291.3					
								419.6				
									486.0			
										656.3		
											890.0	
												627.1
107 N11 E23 02DC1	12262	S	0.0									
107 N11 E23 02DD1	23800		0.0									
107 N11 E23 03ABCC1	57495	I	286.1									
				1.2								
					83.6							
						23.6						
							17.1					
								118.3				
									152.9			
										262.9		
											270.9	
												183.4
107 N11 E23 03CBBC1	27317	I										

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
			1239.8									
				284.1								
					332.7							
						468.4						
							300.8					
								295.0				
									727.7			
										591.0		
											539.8	
												539.7
107 N11 E23 03DCBC1	12575	I										
	20491											
	57495											
			608.3									
				248.3								
					356.3							
						147.3						
							98.1					
								262.3				
									560.2			
										761.1		
											707.9	
												459.2
107 N11 E23 10ACBB1	20351	I										
	23521											
			909.1									
				85.6								

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					301.5							
						162.7						
							115.7					
								16.9				
									961.2			
										908.5		
											863.6	
												291.7
107 N11 E23 10DDDC1		IND				0.0						
							0.0					
107 N11 E23 118BBB1	19600	I	2458.9									
				1352.5								
					1922.1							
						1491.3						
							1159.2					
								1560.1				
									1636.7			
										1596.2		
											1595.0	
												1390.0
107 N11 E23 12BACC1	25437	I	0.0									
	25543											
	46606			0.0								
	46607				0.0							
						0.0						
							0.0					

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							357.0					
								287.4				
									274.0			
										250.0		
											15.2	
												407.5
107 N11 E23 12CBBB1	25690	I										
	40400											
	46608											
	58994											
			428.2									
				390.4								
					515.7							
						467.0						
							498.8					
								519.2				
									560.3			
										643.2		
											641.7	
												587.1
107 N11 E23 13ABAC1	50926	I										
									9.7			
										9.7		
											9.7	
												14.6
107 N11 E23 13ACDD1	64537	I										
											4.3	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
107 N11 E23 13ADDC1	17755	I										0.2
											0.0	
												8.6
107 N11 E23 13BBD02	23191	I							19.3			
										19.3		
											19.3	
												1.6
107 N11 E23 13CAA1	23191 ?	I							0.0			
										0.0		
											0.0	
												0.0
107 N11 E23 13DBDB1	27298	I									2.0	
												2.0
107 N11 E23 14BBBC1		S				0.0						
							5.3					
								7.1				
									0.0			
										14.1		
											13.9	
												12.3
107 N11 E23 14DAAA1								0.0				
1999									0.0			
107 N11 E23 15CABB1	26804	I										
			631.5									
				584.1								

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					696.4							
						783.9						
							663.1					
								744.7				
									804.5			
										630.1		
											74.2	
												82.1
107 N11 E23 15CCDC1	21279	I										
	24347											
			355.3									
				337.0								
					355.7							
							310.7					
								511.6				
									449.0			
										539.1		
											528.3	
107 N11 E23 15DAAA1		S										
							0.0					
									0.0			
										0.0		
											0.0	
												0.0
107 N11 E23 23BCBB1	18990	I										
	62541T											
			518.1									
				77.6								

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					94.2							
						246.2						
							78.0					
								170.6				
									136.2			
										215.7		
											170.2	
												132.3
107 N11 E23 23BD1	26360		0.0									
107 N11 E23 24DB1	12782		0.0									
107 N11 E23 24DDDD1	55840	I										
	55841											
			196.2									
				0.0								
					73.0							
						0.0						
							0.0					
								32.7				
	64013								142.6			
	64014											
										345.1		
											373.5	
	70044											
	70045											443.7
107 N11 E23 27AAAB1		S										
						0.0						
							0.0					
								0.0				
									0.0			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										0.0		
										0.0		
107 N11 E23 36CB1	19919		0.0									
107 N11 E24 07A1	48738											
107 N11 E24 07DA1	48739		0.0									
107 N11 E24 09AACB1	53835	C										
			0.0									
					2.2							
						1.0						
							3.5					
								3.9				
									2.1			
										2.2		
											2.6	
												2.4
107 N11 E24 09ACCB1	57362	C		83.3								
					138.1							
						54.6						
							32.6					
								59.5				
									57.1			
										32.1		
											48.3	
												79.5
107 N11 E24 09ADBC1	53837	C										
			0.0									
					0.0							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						10.3						
							5.4					
								0.0				
									1.0			
										1.7		
											0.8	
												1.4
107 N11 E24 09ABD1	53836	C				0.0						
							0.0					
								0.0				
									0.5			
										0.4		
											0.0	
												0.4
107 N11 E24 10AAAA1	48622	P	21.8									
				0.0								
					107.8							
						47.9						
							51.4					
								57.1				
									68.4			
										54.5		
											38.3	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												52.9
107 N11 E24 18AD1	19102		0.0									
107 N11 E24 19DA1	32742		0.0									
107 N11 E24 20CB1	53075		0.0									
107 N11 E24 20CC1	56746		0.0									
107 N11 E24 21BCDD1	66918	C										
											4.7	
												1.2
107 N11 E24 21CDCC1	NO PERMIT	S										
					55.3							
						0.0						
							0.0					
								0.1				
									12.2			
										35.3		
											39.0	
												1.4
107 N11 E24 22CA1	56389				0.0							
107 N11 E24 27AAAB1	NO PERMIT					0.0						
107 N11 E24 27CCCC1	19302				0.0							
107 N11 E24 27CCCD1	62214				0.0							
107 N11 E24 27DBCC1	60818	I										
			386.4									
					43.2							
						200.5						
							204.6					
								149.6				
									237.1			
										482.3		
											491.2	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												276.9
107 N11 E24 28DDCD2	58599	I										
	60814											
			442.1									
				386.8								
					522.7							
						399.3						
							520.8					
								590.1				
									598.1			
										627.7		
											710.9	
												696.7
107 N11 E24 29AB1	12374		0.0									
107 N11 E24 29DB1	14818		0.0									
107 N11 E24 30AA1	12276		0.0									
107 N11 E24 30AD1	12277		0.0									
107 N11 E24 30BCDD2	18938	I										
			1841.6									
				214.0								
					792.2							
						605.5						
							650.3					
								642.4				
									1742.4			
										1947.4		
											1661.5	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
107 N11 E24 30BCB1	26937	I										1369.4
			15.3									
				8.5								
					10.9							
						11.7						
							10.6					
								9.3				
									10.3			
										15.1		
											8.8	
												7.5
107 N11 E24 31ABCD1		C										
			17.8									
				55.9								
					36.5							
						13.1						
							0.0					
107 N11 E24 31ABCD2		C					17.4					
								19.1				
									10.6			
										11.1		
											10.9	
												10.4
107 N11 E24 31BB1	12309				0.0							
107 N11 E24 31CCDB1	19602				0.0							
107 N11 E24 32ABDCD1	19924	I										
			419.8									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				173.3								
					504.2							
						425.0						
							311.8					
								358.2				
									647.3			
										825.8		
											744.5	
												566.6
107 N11 E24 32AC1	22913											
	61183		0.0									
107 N11 E24 32BBD1			0.0									
107 N11 E24 32BBD2	19983	I										
			1186.6									
				92.4								
					243.8							
						207.6						
							158.2					
								188.4				
									1046.8			
										1069.3		
											1051.5	
												1234.8
107 N11 E24 32DAAA1	12281											
107 N11 E24 32DCCD2	12215											
	17382											
			278.9									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				0.5								
					573.6							
						327.4						
							401.0					
								337.3				
									848.0			
										656.1		
											848.2	
												759.2
107 N11 E24 33BACC2	25279											
	60817											
	60818											
			684.4									
				3.8								
					195.6							
						166.9						
							45.8					
								51.9				
									432.8			
										558.9		
											511.6	
												528.9
107 N11 E24 33DADD1												
	55085											
			42.9									
				30.2								
					55.6							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						0.0						
							39.3					
								66.5				
									70.3			
										70.9		
											51.4	
												62.9
107 N11 E24 34BACC1	57854		108.0									
				94.6								
					100.0							
						105.0						
							92.9					
								100.6				
									124.1			
										112.7		
											110.0	
												97.0
107 N11 E24 35AC1	12372		0.0									
107 N12 E23 04DAAA1	49400											
	49401											
					0.0							
						0.0						
							0.0					
								0				
									0			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										0.0		
											0.0	
												0
107 N12 E23 13CCCD1	13344							0.0				
									0.0			
										42.6		
											0.0	
107 N12 E23 13CC2	57794											
107 N12 E23 13CC3	57795		0.0									
107 N12 E23 13CC4	57796		0.0									
107 N12 E23 14DCA1	12465							0.0				
									0.0			
										0.0		
107 N12 E23 22ABCD1												
										0.0		
107 N12 E23 22ACDD1	12465											
107 N12 E23 22DDBB1	12466											
107 N12 E23 23AB1	16824							0.0				
									0.0			
107 N12 E23 23AB2	16825											
107 N12 E23 23CB 1	NO PERMIT											
107 N12 E23 24CBCC1	16798											
			768.0									
107 N12 E23 24CBCC2	16798			402.2								
					605.0							
						549.0						
								538.4				
									0.0			
										645.0		
											0.0	
107 N12 E23 25AB 1					0.0							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)										
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
107 N12 E23 25CB1	57772		0.0										
107 N12 E23 25CD1	16827		0.0										
107 N12 E23 25DC1	57771		0.0										
107 N12 E23 26CBB1	23162												
					2.3								
						1.4							
							1.9						
								2.5					
									3.9				
										10.6			
											6.9		
												8.1	
107 N12 E23 26DA1	16826		0.0										
107 N12 E23 27AADD3	18804												
			859.6										
				0.0									
					0.0								
						280.8							
							0.0						
								180.8					
									783.1				
										783.1			
											902.1		
												586.9	
107 N12 E23 28CD1	58992		0.0										
107 N12 E23 28CD2	12466		0.0										
107 N12 E23 28DCAB1	18953												
			783.8										
	58992												
				256.2									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)										
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
					364.7								
						262.6							
							266.5						
								294.8					
									527.6				
										817.9			
											1051.0		
												964.8	
107 N12 E23 34AB1	12344		0.0										
107 N12 E23 34ACCC1	18689												
			767.6										
				189.3									
					578.4								
						564.9							
							707.6						
								52.0					
									538.6				
										575.2			
											519.7		
												556.5	
107 N12 E23 34BACB1	22936												
			334.0										
				134.1									
					21.2								
						188.6							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							216.4					
								240.4				
									524.5			
										771.0		
											475.7	
												435.4
107 N12 E23 35ADC1	16629											
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
107 N12 E23 35AB1	60723		0.0									
107 N12 E23 35AB2	60727		0.0									
107 N12 E23 35AC1	60721		0.0									
107 N12 E23 35AC2	60725		0.0									
107 N12 E23 35BAAB1	12264											
					3.0							
						2.1						
							3.4					
								3.4				
									3.0			
											0.0	
107 N12 E23 36BBAA1	12265											

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	12263				0.7							
						1.6						
							1.2					
								4.3				
									1.3			
										3.1		
											5.2	
												6.0
107 N12 E23 36BDBA1												
			0.0									
						0.0						
							0.0					
								0.0				
									0.0			
107 N12 E23 36BDBA2	16628											
							0.0					
								0.0				
									0.0			
107 N12 E23 36BDBA3												
			527.6									
				325.7								
					422.4							
						390.6						
							380.3					
								192.5				
									621.1			
										599.2		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											588.2	
												423.2
107 N12 E23 36CC1	12305		0.0									
107 N12 E23 36DDCD1	18368											
			717.6									
				487.8								
					484.6							
						409.8						
							290.4					
								366.8				
									498.7			
										597.9		
											582.2	
												443.1
107 N12 E24 04BACC1												
107 N12 E24 08DA1	14282		0.0									
107 N12 E24 19BC1	60719		0.0									
107 N12 E24 31BAAD1	55027		0.0									
107 N12 E24 31BACB1	36525											
	36823											
			0.0									
				0.0								
					0.0							
						0.0						
							0.1					
								0.3				
									0.0			
										0.0		
											0.0	

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
107 N12 E24 31BACB2										231.5		
											338.7	
												400.0
107 N12 E24 31BB1	54900 AND 56895		0.0									
107 N12 E24 31DBBA1	36524											
	36824											
			745.4									
				95.8								
					470.1							
						0.0						
							633.8					
								848.4				
									628.8			
										496.7		
											449.6	
												500.0
107 N13 E23 13AC 1												
										0.0		
												264.7
107 N13 E23 22DA1	54441		0.0									
107 N13 E23 25AABB1	37034											
			0.5									
				141.8								
					137.1							
						0.2						
							0.5					
								0.3				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									0.0			
										0.0		
											0.8	
												1.8
107 N13 E23 25BCCC1	11025									0.0		
												0.0
107 N13 E23 25BDCC1	37030		0.0									
				0.0								
					237.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
107 N13 E23 25BDBB1												
											0.0	
												0.0
107 N13 E23 28DBCD1	37955			0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										0.0		
											0.0	
												0.0
107 N13 E23 26CD1	6401							0.0				
									0.0			
107 N13 E23 26DA1	6415						0.0					
107 N13 E23 26DC1	6400		0.0									
107 N13 E23 27ADCD1	37028		61.9									
				91.3								
					138.5							
						714.1						
							0.0					
								0.2				
									53.3			
										0.1		
											0.0	
												371.7
107 N13 E23 27DC1	7899		0.0									
107 N13 E23 27DD1	7636		0.0									
107 N13 E23 34BDBB1	37029											
	37031											
			494.1									
				262.7								
					543.70							
						280.63						
							0.00					
								0.10				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									155.96			
										0.00		
											0.0	
												388.4
107 N13 E24 17DCAA1												
												0.0
107 N13 E24 18CDB1	48597		0.00									
						0.00						
							0.00					
								0.00				
									0.00			
										0.00		
											0.0	
												0.0
107 N13 E24 19AACD1	21908		0.00									
				0.00								
					0.00							
						0.00						
							0.00					
								0.00				
									0.00			
										0.00		
											0.0	
												0.0
107 N13 E24 19CADD1	NO PERMIT					0.00						

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							0.00					
								0.00				
									0.00			
										0.00		
											0.0	
												0.0
107 N13 E24 20ABC 1	43318			0.00								
					136.19							
						62.76						
							0.00					
								0.00				
									43.07			
										0.00		
											0.0	
												0.0
107 N13 E24 21BCCD1	43578			0.00								
					3.19							
						3.12						
							1.49					
								3.10				
									3.10			
										1.05		
											0.0	
												0.0

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
107 N13 E24 30BDA											0.0	
												0.0
107 N13 E24 30AACC1	44138		424.76									
				252.86								
					0.00							
						480.67						
							367.87					
								336.40				
									329.00			
										570.28		
											887.6	
												1010.0
107 N13 E24 30ACBB1	29935		0.00									
				0.00								
					0.00							
						0.00						
							0.00					
								0.00				
									0.00			
										0.00		
107 N13 E24 30BACD2	29934		240.94									
				108.53								
					0.00							
						789.02						

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							422.55					
								280.26				
									125.28			
										239.60		
											482.7	
												140.7
107 N13 E24 30ADD1			0.00									
				0.00								
					0.00							
						0.00						
							0.00					
								0.00				
									0.00			
										86.42		
											316.62	
												418.6
												629.1
107 N13 E24 30BACD1	14466		93.10									
				21.11								
					147.32							
						79.66						
							91.18					
								94.63				
									127.07			

☐ 1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6. ☐ 7. ☐ 8. ☐ 9. ☐ 10. ☐ 11. ☐ 12. ☐ 13. ☐ 14. ☐ 15. ☐ 16. ☐ 17. ☐ 18. ☐ 19. ☐ 20. ☐ 21. ☐ 22. ☐ 23. ☐ 24. ☐ 25. ☐ 26. ☐ 27. ☐ 28. ☐ 29. ☐ 30. ☐ 31. ☐ 32. ☐ 33. ☐ 34. ☐ 35. ☐ 36. ☐ 37. ☐ 38. ☐ 39. ☐ 40. ☐ 41. ☐ 42. ☐ 43. ☐ 44. ☐ 45. ☐ 46. ☐ 47. ☐ 48. ☐ 49. ☐ 50. ☐ 51. ☐ 52. ☐ 53. ☐ 54. ☐ 55. ☐ 56. ☐ 57. ☐ 58. ☐ 59. ☐ 60. ☐ 61. ☐ 62. ☐ 63. ☐ 64. ☐ 65. ☐ 66. ☐ 67. ☐ 68. ☐ 69. ☐ 70. ☐ 71. ☐ 72. ☐ 73. ☐ 74. ☐ 75. ☐ 76. ☐ 77. ☐ 78. ☐ 79. ☐ 80. ☐ 81. ☐ 82. ☐ 83. ☐ 84. ☐ 85. ☐ 86. ☐ 87. ☐ 88. ☐ 89. ☐ 90. ☐ 91. ☐ 92. ☐ 93. ☐ 94. ☐ 95. ☐ 96. ☐ 97. ☐ 98. ☐ 99. ☐ 100. ☐ 101. ☐ 102. ☐ 103. ☐ 104. ☐ 105. ☐ 106. ☐ 107. ☐ 108. ☐ 109. ☐ 110. ☐ 111. ☐ 112. ☐ 113. ☐ 114. ☐ 115. ☐ 116. ☐ 117. ☐ 118. ☐ 119. ☐ 120. ☐ 121. ☐ 122. ☐ 123. ☐ 124. ☐ 125. ☐ 126. ☐ 127. ☐ 128. ☐ 129. ☐ 130. ☐ 131. ☐ 132. ☐ 133. ☐ 134. ☐ 135. ☐ 136. ☐ 137. ☐ 138. ☐ 139. ☐ 140. ☐ 141. ☐ 142. ☐ 143. ☐ 144. ☐ 145. ☐ 146. ☐ 147. ☐ 148. ☐ 149. ☐ 150. ☐ 151. ☐ 152. ☐ 153. ☐ 154. ☐ 155. ☐ 156. ☐ 157. ☐ 158. ☐ 159. ☐ 160. ☐ 161. ☐ 162. ☐ 163. ☐ 164. ☐ 165. ☐ 166. ☐ 167. ☐ 168. ☐ 169. ☐ 170. ☐ 171. ☐ 172. ☐ 173. ☐ 174. ☐ 175. ☐ 176. ☐ 177. ☐ 178. ☐ 179. ☐ 180. ☐ 181. ☐ 182. ☐ 183. ☐ 184. ☐ 185. ☐ 186. ☐ 187. ☐ 188. ☐ 189. ☐ 190. ☐ 191. ☐ 192. ☐ 193. ☐ 194. ☐ 195. ☐ 196. ☐ 197. ☐ 198. ☐ 199. ☐ 200. ☐ 201. ☐ 202. ☐ 203. ☐ 204. ☐ 205. ☐ 206. ☐ 207. ☐ 208. ☐ 209. ☐ 210. ☐ 211. ☐ 212. ☐ 213. ☐ 214. ☐ 215. ☐ 216. ☐ 217. ☐ 218. ☐ 219. ☐ 220. ☐ 221. ☐ 222. ☐ 223. ☐ 224. ☐ 225. ☐ 226. ☐ 227. ☐ 228. ☐ 229. ☐ 230. ☐ 231. ☐ 232. ☐ 233. ☐ 234. ☐ 235. ☐ 236. ☐ 237. ☐ 238. ☐ 239. ☐ 240. ☐ 241. ☐ 242. ☐ 243. ☐ 244. ☐ 245. ☐ 246. ☐ 247. ☐ 248. ☐ 249. ☐ 250. ☐ 251. ☐ 252. ☐ 253. ☐ 254. ☐ 255. ☐ 256. ☐ 257. ☐ 258. ☐ 259. ☐ 260. ☐ 261. ☐ 262. ☐ 263. ☐ 264. ☐ 265. ☐ 266. ☐ 267. ☐ 268. ☐ 269. ☐ 270. ☐ 271. ☐ 272. ☐ 273. ☐ 274. ☐ 275. ☐ 276. ☐ 277. ☐ 278. ☐ 279. ☐ 280. ☐ 281. ☐ 282. ☐ 283. ☐ 284. ☐ 285. ☐ 286. ☐ 287. ☐ 288. ☐ 289. ☐ 290. ☐ 291. ☐ 292. ☐ 293. ☐ 294. ☐ 295. ☐ 296. ☐ 297. ☐ 298. ☐ 299. ☐ 300. ☐ 301. ☐ 302. ☐ 303. ☐ 304. ☐ 305. ☐ 306. ☐ 307. ☐ 308. ☐ 309. ☐ 310. ☐ 311. ☐ 312. ☐ 313. ☐ 314. ☐ 315. ☐ 316. ☐ 317. ☐ 318. ☐ 319. ☐ 320. ☐ 321. ☐ 322. ☐ 323. ☐ 324. ☐ 325. ☐ 326. ☐ 327. ☐ 328. ☐ 329. ☐ 330. ☐ 331. ☐ 332. ☐ 333. ☐ 334. ☐ 335. ☐ 336. ☐ 337. ☐ 338. ☐ 339. ☐ 340. ☐ 341. ☐ 342. ☐ 343. ☐ 344. ☐ 345. ☐ 346. ☐ 347. ☐ 348. ☐ 349. ☐ 350. ☐ 351. ☐ 352. ☐ 353. ☐ 354. ☐ 355. ☐ 356. ☐ 357. ☐ 358. ☐ 359. ☐ 360. ☐ 361. ☐ 362. ☐ 363. ☐ 364. ☐ 365. ☐ 366. ☐ 367. ☐ 368. ☐ 369. ☐ 370. ☐ 371. ☐ 372. ☐ 373. ☐ 374. ☐ 375. ☐ 376. ☐ 377. ☐ 378. ☐ 379. ☐ 380. ☐ 381. ☐ 382.

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Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
10763	CER	STK	NE	SE	21	13N	25E	44.81
12389	CER	IRR	SW	NE	11	11N	25E	1622.69
13879	CER	IRR	SW	SE	35	12N	25E	1130.02
13911	CER	STK	SW	NW	1	11N	25E	22.43
14109	CER	MM	SE	NW	21	13N	25E	0.00
14111	CER	MM	NW	NE	21	13N	25E	0.00
14377	CER	DOM	SW	SW	25	13N	25E	3.22
14378	CER	DOM	NW	SE	31	13N	26E	3.22
14379	CER	DOM	SE	SE	36	13N	25E	3.22
15424	CER	MM	NE	NW	21	13N	25E	868.50
15425	CER	MM	SE	SW	16	13N	25E	468.10
15475	CER	STK	SW	NW	36	14N	24E	2.18
15946	CER	IRR	SE	NW	26	14N	26E	10.00
15975	CER	DOM	SW	NW	2	13N	26E	0.80
16034	CER	IRR	NE	NE	22	14N	26E	159.60
16546	CER	DOM	SE	NE	28	15N	25E	0.95
16892	CER	STK	SE	SE	21	13N	25E	90.47
17100	CER	IRR	NW	SE	9	13N	26E	20.80
17386	CER	DOM	SE	NE	35	14N	26E	1.60
18410	CER	MM	NE	NE	17	13N	25E	608.13
18411	CER	MM	NW	NW	9	13N	25E	970.11
18588	CER	IRR	NE	SW	33	13N	25E	20.00
18589	CER	IRR	NE	SW	33	13N	25E	20.00
18654	CER	IRR	SE	SE	14	12N	25E	650.90
18672	CER	IRR	SE	SE	16	14N	25E	494.80
18676	CER	IRR	SE	SE	13	13N	25E	1452.25
18682	CER	IRR	NW	SE	35	13N	25E	792.00
18703	CER	IRR	SW	SW	15	13N	25E	443.20
18706	CER	IRR	NE	SW	10	13N	25E	2048.00
18707	CER	IRR	SE	NE	1	11N	25E	1230.20
18712	CER	IRR	SW	NW	32	14N	26E	620.00
18715	CER	IRR	NW	NE	1	11N	25E	1640.00
18729	CER	IRR	SE	NW	4	14N	25E	952.00
18730	CER	IRR	SE	SW	6	12N	26E	648.00
18735	CER	IRR	SE	NE	8	14N	25E	1060.00
18736	CER	IRR	SW	SE	36	13N	25E	456.00
18753	CER	IRR	SW	SW	24	12N	25E	613.40
18766	CER	IRR	SE	NW	12	12N	25E	188.24
18806	CER	IRR	SW	SE	31	14N	26E	1560.00
18820	CER	STK	NE	SW	31	14N	26E	6.66
18866	CER	STK	SE	SW	25	13N	25E	11.29
18867	CER	IRR	NW	NW	6	12N	26E	464.77
18914	CER	IRR	SW	SE	14	12N	25E	880.80
18925	CER	IRR	SE	SW	15	14N	25E	1324.68
18931	CER	IRR	SW	NE	2	14N	25E	1602.96
18934	CER	IRR	SW	NE	25	14N	25E	1182.72
18986	CER	IRR	NW	SW	34	14N	25E	924.00
19057	CER	IRR	SE	SW	25	12N	25E	2780.00
19062	CER	IRR	SE	NW	32	14N	26E	464.00

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
19068	CER	IRR	SW	NE	24	13N	25E	2652.00
19101	CER	IRR	SW	NW	24	13N	25E	1193.68
19113	CER	IRR	NW	SE	2	12N	25E	788.00
19516	CER	IRR	NE	NE	32	15N	25E	1694.00
19599	CER	IRR	SE	SW	31	14N	26E	1130.50
19661	CER	IRR	SE	NE	32	14N	26E	1240.00
19667	CER	IRR	SE	SE	23	13N	25E	1132.00
19692	CER	IRR	SE	SW	23	12N	25E	488.00
19706	CER	IRR	NE	SW	11	12N	25E	1436.00
19744	CER	IRR	SW	SE	14	13N	25E	720.00
19750	CER	IRR	SE	SE	6	13N	26E	426.36
19758	CER	IRR	NW	SE	10	11N	25E	1395.28
19828	CER	IRR	SW	NW	3	12N	25E	615.75
19829	CER	IRR	SW	SW	35	13N	25E	1388.00
19838	CER	IRR	SE	SE	9	14N	25E	148.00
19839	CER	IRR	SE	SE	9	14N	25E	544.00
19840	CER	IRR	SE	SE	9	14N	25E	228.00
19841	CER	IRR	SW	SW	13	13N	25E	1260.00
19873	CER	IRR	SW	NE	13	13N	25E	896.36
19935	CER	IRR	SW	NW	11	11N	25E	579.60
20369	CER	IRR	SE	SW	34	14N	26E	247.20
20698	CER	IRR	SW	SE	29	14N	25E	27.20
20821	CER	IRR	NE	NW	18	14N	26E	423.20
21582	CER	IRR	SW	SE	34	14N	26E	20.92
21921	CER	IRR	SE	SE	6	14N	25E	1898.00
22671	CER	DOM	NE	SW	33	13N	25E	3.22
23356	CER	IRR	SE	SE	20	14N	25E	120.00
23793	CER	MM	SE	NW	5	13N	25E	1614.24
23833	CER	QM	SE	NE	33	14N	25E	19.09
23913	CER	IRR	SW	NE	29	14N	25E	20.00
24013	CER	IRR	NW	SE	5	13N	26E	1460.00
24583	CER	IRR	NE	SW	3	12N	25E	448.00
25201	CER	IRR	SE	NW	4	14N	25E	744.00
25399	CER	MM	SE	SE	16	13N	25E	1628.66
25633	CER	IRR	SW	NW	24	13N	25E	1400.00
25813	CER	IRR	SW	NE	11	13N	25E	3269.63
25892	CER	IRR	SE	NE	27	12N	25E	936.00
25916	CER	IRR	SW	SW	26	14N	26E	632.00
26099	CER	REC	NW	NE	27	13N	25E	192.36
26213	CER	COM	NW	NW	15	13N	25E	1.99
26311	CER	IND	NE	NE	12	14N	25E	3155.07
26312	CER	IND	SE	NE	1	14N	25E	2239.98
26368	CER	IRR	SW	NE	6	12N	26E	612.00
27123	CER	IRR	SE	NE	32	14N	26E	504.00
27302	CER	IRR	SW	SW	1	13N	25E	52.20
27839	CER	IRR	SW	SE	29	14N	26E	700.00
27929	CER	IRR	SE	SW	16	14N	25E	1081.20
27943	CER	IRR	SE	NE	8	14N	25E	400.00
28042	CER	IRR	SE	SW	10	11N	25E	295.60

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
28067	CER	IRR	NE	NE	11	12N	25E	51.60
28194	CER	IRR	SE	SE	1	12N	25E	400.00
28195	CER	IRR	SE	NW	1	12N	25E	1378.80
28268	CER	IRR	SW	SE	12	12N	25E	612.00
28290	CER	IRR	NW	NE	8	13N	26E	86.00
29299	CER	IRR	SE	NW	22	14N	26E	463.96
29621	CER	IRR	SE	NW	12	12N	25E	352.00
30050	CER	IRR	SE	SW	6	12N	26E	593.20
30068	CER	IRR	NW	NW	7	13N	26E	1373.04
30166	CER	IRR	NE	SW	34	13N	25E	1460.00
30169	CER	IRR	NE	NW	27	14N	25E	706.12
30190	CER	IRR	SE	SE	26	13N	25E	616.00
30193	CER	IRR	SE	NW	35	13N	25E	424.32
30218	CER	IRR	NW	SE	34	14N	26E	30.92
30259	CER	IRR	NW	SE	1	13N	25E	1346.40
30263	CER	IRR	SE	NE	7	13N	26E	571.56
30265	CER	IRR	SW	SE	5	13N	26E	80.00
30287	CER	IRR	NE	NW	12	12N	25E	484.80
30362	CER	IRR	NW	SW	36	13N	25E	752.00
30383	CER	IRR	NW	SE	9	13N	26E	775.64
30396	CER	IRR	SW	NW	11	12N	25E	40.00
30409	CER	IRR	SW	SW	4	14N	25E	1345.60
30439	CER	IRR	SE	NW	26	13N	25E	729.20
30447	CER	IRR	NE	NE	22	14N	26E	463.96
30517	CER	IRR	SW	SW	1	11N	25E	2954.44
30518	CER	IRR	SW	SE	2	11N	25E	1853.60
30520	CER	IRR	SW	SE	12	12N	25E	36.80
30521	CER	IRR	NE	SW	4	13N	26E	1543.72
30926	CER	IRR	NW	SW	22	13N	25E	620.00
30990	CER	IRR	SW	SE	32	14N	26E	1328.40
30992	CER	IRR	NE	NE	6	12N	26E	475.60
31565	CER	QM	SE	SW	3	13N	26E	20.25
31826	CER	STK	SE	SE	19	14N	26E	7.86
33522	CER	STK	SE	SE	1	13N	25E	13.44
35325	CER	IRR	NW	NW	2	13N	26E	166.00
35867	CER	REC	SE	SW	12	13N	25E	3.53
36633	PER	QM	SE	NE	33	14N	25E	377.47
38153	CER	QM	NE	NW	25	13N	25E	2.95
41155	CER	QM	NE	NW	16	13N	26E	1.01
41363	CER	IRR	SW	SE	27	13N	25E	1602.92
41985	PER	QM	NE	NW	10	13N	26E	18.29
43168	CER	QM	SE	SE	8	13N	26E	1.10
43320	CER	STK	NE	NW	31	15N	25E	2.24
44503	CER	STK	NE	NW	16	13N	26E	0.74
45226	CER	IND	NE	SE	21	13N	25E	0.25
45323	PER	COM	SW	NW	3	14N	25E	7.40
45408	CER	STK	NW	SW	33	12N	26E	22.40
45409	CER	QM	SW	SW	33	12N	26E	5.59
45410	CER	QM	NW	SW	33	12N	26E	1.66

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
45411	CER	STK	NW	NW	4	11N	26E	22.40
45412	CER	STK	SW	SW	33	12N	26E	22.40
45413	CER	QM	NW	NW	4	11N	26E	6.72
45594	CER	IND	NE	SW	21	15N	25E	1130.86
45718	PER	QM	SE	SW	3	13N	26E	145.71
45784	CER	IRR	SW	NW	35	14N	26E	36.00
46709	CER	STK	SW	SW	13	14N	26E	13.44
46830	CER	STK	NE	SW	33	11N	26E	6.51
46831	CER	STK	SE	NW	20	11N	26E	6.51
46884	CER	QM	NE	NE	9	13N	26E	2.24
47013	CER	IRR	NE	SW	13	12N	25E	37.34
47014	PER	IRR	SE	SW	13	12N	25E	36.00
47116	CER	QM	SE	SW	23	14N	26E	0.12
47649	CER	STK	SW	NW	34	13N	26E	4.63
47650	CER	STK	NW	SE	8	13N	27E	3.25
47672	CER	STK	NULL	LT03	2	13N	26E	13.04
48283	CER	QM	NW	NE	9	13N	26E	0.61
48290	CER	IRR	SW	NW	35	14N	26E	44.00
48616	CER	IRR	NW	SE	18	13N	26E	21.20
48636	CER	QM	SE	SE	4	13N	26E	0.37
49093	CER	QM	SE	SE	3	13N	26E	0.43
49222	PER	ENV	NW	SW	4	13N	25E	49.72
49223	PER	ENV	SE	NE	5	13N	25E	10.50
49250	CER	IRR	SW	SW	1	11N	25E	801.57
49413	CER	STK	NW	SW	4	12N	27E	3.07
49424	CER	STK	SW	NE	19	14N	25E	2.18
49425	CER	STK	NW	SE	31	14N	25E	2.18
49835	CER	STK	NULL	LT02	18	12N	27E	8.96
49836	CER	STK	NW	SE	32	13N	27E	7.24
50668	CER	STK	NW	SW	17	13N	26E	3.38
50704	CER	WLD	SE	NW	18	14N	26E	108.60
51014	CER	IRR	NE	NE	5	14N	25E	1233.60
51100	PER	IND	NE	SW	21	15N	25E	238.88
51768	CER	IRR	SE	SE	6	14N	25E	275.19
51939	CER	IRR	NE	NE	3	13N	25E	593.77
52506	CER	STK	NE	NE	31	15N	25E	4.36
53028	CER	STK	SE	SW	24	13N	25E	4.36
54391	PER	QM	SE	SW	3	13N	26E	2.24
54419	CER	IRR	SW	SW	1	11N	25E	88.03
54473	CER	IRR	SW	SW	22	13N	25E	97.52
54842	CER	IRR	SE	NW	36	13N	25E	486.36
54860	CER	IRR	SE	NE	26	13N	25E	589.92
55676	CER	IRR	SE	NE	26	13N	25E	140.00
55677	CER	IRR	SE	NW	36	13N	25E	258.96
55955	CER	IRR	SE	NE	22	12N	25E	388.80
56020	CER	IRR	SW	NE	1	11N	25E	1543.87
56251	CER	IRR	NE	NE	11	12N	25E	684.40
56594	CER	IRR	NE	SE	23	12N	25E	94.72
56595	CER	IRR	NW	NW	24	12N	25E	157.21

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
56596	CER	IRR	NW	NW	24	12N	25E	382.06
56597	CER	IRR	NE	SE	23	12N	25E	98.38
56598	CER	IRR	NE	SE	23	12N	25E	491.91
56599	CER	IRR	NE	SE	23	12N	25E	142.72
56798	PER	IRR	NW	SW	31	13N	26E	109.33
57079	CER	STK	NE	NW	33	14N	25E	8.50
57188	PER	IRR	NW	SE	31	12N	26E	240.00
57247	CER	IRR	SE	SW	25	13N	25E	1016.00
57254	CER	IRR	SE	NE	34	14N	26E	280.00
57256	CER	IRR	SW	SW	15	13N	25E	0.00
57261	CER	IRR	SW	NE	11	11N	25E	801.57
57262	CER	IRR	SW	NE	11	11N	25E	88.03
57576	CER	STK	NE	NW	4	11N	26E	11.75
57865	CER	STK	SW	NE	27	14N	25E	3.60
57866	CER	IRR	SW	NE	27	14N	25E	553.16
57867	PER	IRR	SW	NE	27	14N	25E	1447.90
58027	CER	IRR	NE	NE	3	13N	25E	130.58
58105	CER	STK	SW	SW	25	14N	25E	4.48
58166	CER	IRR	SE	NE	22	12N	25E	36.00
58168	CER	IRR	SE	NE	22	12N	25E	124.00
58170	CER	COM	SW	SW	3	14N	25E	2.80
58174	CER	IRR	NW	SE	21	14N	25E	466.88
58352	CER	IRR	SE	NW	12	12N	25E	255.47
58481	CER	IRR	NE	SE	1	12N	25E	576.00
58482	CER	IRR	NE	NE	1	12N	25E	310.00
58486	CER	IRR	SW	NW	24	12N	25E	54.48
58527	PER	MM	SE	SE	19	14N	25E	773.00
58752	PER	IRR	SW	SW	10	14N	25E	2928.00
58753	PER	IRR	SW	SE	4	14N	25E	2296.00
58755	PER	IRR	SW	NE	34	15N	25E	600.00
58756	PER	IRR	NW	SW	10	14N	25E	1159.11
58757	PER	IRR	SW	NE	15	14N	25E	392.00
58758	PER	IRR	SW	NE	15	14N	25E	219.49
58759	PER	IRR	SW	NE	15	14N	25E	120.89
59091	CER	STK	SE	SW	18	13N	26E	8.96
59367	PER	QM	SE	SW	3	13N	26E	2.24
59847	CER	STK	SW	SE	8	12N	25E	8.96
59997	CER	COM	NW	SW	26	13N	25E	1.00
60352	PER	MUN	SE	NE	33	14N	25E	19.09
60353	PER	MUN	SE	NE	33	14N	25E	377.47
60495	CER	IRR	SW	NW	3	12N	25E	144.32
60553	CER	REC	NW	NE	27	13N	25E	43.48
60554	CER	REC	NW	NE	27	13N	25E	12.93
60555	CER	REC	NW	NE	27	13N	25E	33.73
60556	CER	REC	NW	NE	27	13N	25E	23.59
60557	CER	REC	NE	SW	18	14N	26E	861.50
60558	CER	REC	NE	SW	18	14N	26E	861.50
60559	CER	REC	SE	NW	18	14N	26E	1180.07
60560	CER	REC	NE	NW	18	14N	26E	844.76

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
60561	CER	REC	NE	NW	18	14N	26E	844.76
60562	CER	REC	SE	SW	17	14N	26E	133.92
60702	PER	QM	NW	NE	28	13N	25E	401.81
60704	CER	IRR	SW	NW	27	14N	25E	2187.96
60763	CER	IRR	SW	NE	1	11N	25E	85.07
60764	CER	IRR	SE	NE	1	11N	25E	85.07
61207	CER	IND	SW	SW	22	15N	25E	8.96
61208	CER	IND	SW	SW	22	15N	25E	8.96
61249	CER	IRR	SW	SE	31	13N	26E	6.00
61449	PER	MM	NE	NE	8	13N	25E	160.00
61575	PER	WLD	NE	NE	12	14N	25E	2000.00
61592	CER	IRR	SE	NW	23	12N	25E	277.40
61593	CER	IRR	SE	NW	23	12N	25E	277.40
61681	CER	STK	NW	NW	24	13N	25E	22.40
61710	PER	COM	SE	SE	21	15N	25E	1.50
61718	PER	QM	NW	NE	28	13N	25E	401.81
61882	PER	IRR	SW	SE	10	11N	25E	152.00
61894	PER	STK	NW	NW	14	11N	25E	8.19
62252	PER	COM	NW	NW	24	13N	25E	54.32
62316	PER	COM	NW	NE	17	13N	26E	2.03
62495	PER	COM	NE	NW	9	13N	26E	2.03
62833	PER	COM	NW	SE	10	11N	25E	2.03
63192	PER	QM	SE	SW	3	12N	25E	1.93
64604	PER	REC	NE	NW	18	14N	26E	181.67
64605	PER	QM	NW	SW	7	14N	26E	10.00
64606	PER	REC	SE	NW	18	14N	26E	50.04
64607	PER	REC	NE	NW	18	14N	26E	181.63
64608	PER	REC	SE	NW	18	14N	26E	131.58
64609	PER	REC	SE	SW	17	14N	26E	196.45
64610	PER	REC	NE	SW	18	14N	26E	160.31
64611	PER	REC	NE	SW	18	14N	26E	160.31
64646	PER	QM	SE	NW	18	14N	26E	40.00
65001	PER	IRR	SW	SE	8	13N	26E	17.00
65209	PER	IRR	SW	SW	6	14N	25E	422.00
65210	PER	IRR	NE	NW	7	14N	25E	2080.00
65211	PER	IRR	SE	NE	1	14N	24E	1448.00
65262	PER	IRR	SE	SE	3	14N	25E	874.00
65263	PER	IRR	SE	SE	3	14N	25E	507.68
65264	PER	IRR	SW	NE	10	14N	25E	720.12
65265	PER	IRR	SW	NE	10	14N	25E	808.98
65278	PER	IRR	NE	NW	36	13N	25E	34.72
65296	PER	MUN	NW	SE	15	13N	25E	1085.96
65297	PER	MUN	SW	SW	14	13N	25E	598.43
65298	PER	MUN	NE	SW	14	13N	25E	537.01
65299	PER	MUN	NW	NE	33	13N	25E	723.97
65300	PER	MUN	SE	SW	22	13N	25E	723.97
65302	PER	MUN	NE	SW	14	13N	25E	112.01
65303	PER	MUN	NW	SE	15	13N	25E	112.01
65358	PER	MUN	NE	SW	14	13N	25E	723.97

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
65384	PER	IRR	SW	SW	11	12N	25E	116.08
65724	PER	IRR	NE	NE	4	13N	25E	1500.00
65754	PER	IRR	SW	NW	11	12N	25E	512.40
65755	PER	IRR	SE	SW	10	12N	25E	1572.00
65777	PER	IRR	SW	NE	34	15N	25E	116.67
65778	PER	IRR	SW	NE	34	15N	25E	149.33
65779	PER	IRR	SW	NE	34	15N	25E	34.00
66038	PER	COM	NW	NE	12	14N	24E	38.48
66039	PER	COM	SW	NE	12	14N	24E	21.79
66112	PER	COM	NW	SW	19	14N	26E	36.00
66139	PER	COM	NW	NE	22	14N	25E	25.00
66193	PER	COM	SW	NE	12	14N	24E	89.43
66303	PER	IRR	NE	NE	4	13N	25E	100.00
66831	PER	IRR	NE	SW	3	12N	25E	608.00
66832	PER	IRR	NW	SE	15	12N	25E	752.00
66887	PER	IRR	SW	NW	30	14N	26E	60.00
66888	PER	IRR	SW	NW	30	14N	26E	319.00
66889	PER	COM	NW	SW	19	14N	26E	20.00
66896	PER	IRR	SE	NW	26	14N	26E	27.98
66897	PER	IRR	NW	SE	18	13N	26E	48.80
66898	PER	IRR	NW	SE	18	13N	26E	1274.00
66899	PER	IRR	NW	SE	18	13N	26E	13.60
66900	PER	IRR	SW	NE	18	13N	26E	386.40
67034	PER	IRR	SE	SW	33	14N	25E	405.42
67035	PER	COM	SW	NE	12	14N	24E	36.00
67133	PER	IRR	NW	NW	2	13N	26E	28.00
67202	PER	IRR	SE	SW	33	14N	25E	1217.41
67203	PER	IRR	SE	SW	33	14N	25E	743.52
67204	PER	IRR	NE	NE	4	13N	25E	1049.76
67210	PER	IRR	SW	SW	11	12N	25E	230.00
67599	PER	IRR	SW	SW	11	12N	25E	36.28
67906	PER	IRR	NE	NE	6	12N	26E	48.50
67907	PER	IRR	NE	NE	6	12N	26E	152.00
67947	PER	IRR	SE	SE	16	14N	25E	73.12
68003	PER	IRR	SE	NE	10	14N	25E	139.32
68004	PER	IRR	SW	SE	8	14N	25E	2100.68
68005	PER	IRR	NE	NW	36	13N	25E	3.64
68006	PER	IRR	SW	SE	8	14N	25E	308.36
68007	PER	IRR	NE	NE	4	13N	25E	52.85
68008	PER	IRR	SE	SE	7	14N	25E	2485.68
68055	PER	IRR	NE	SE	16	14N	25E	20.08
68308	PER	STK	NE	NE	5	13N	26E	5.65
68309	PER	IRR	NW	SE	5	13N	26E	41.64
68310	PER	IRR	NW	SE	5	13N	26E	75.76
68311	PER	IRR	NW	SE	5	13N	26E	8.20
68312	PER	IRR	SW	SW	11	12N	25E	354.98
68398	PER	IRR	SE	SE	3	14N	25E	456.56
68399	PER	IRR	SE	NE	11	14N	25E	612.00
68400	PER	IRR	SE	SE	3	14N	25E	456.56

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Application Number

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
68401	PER	IRR	SE	NE	11	14N	25E	235.32
68629	PER	QM	NW	NE	28	13N	25E	1.00
68630	PER	IRR	SE	SE	16	13N	25E	2.00
68715	PER	IRR	NE	NE	22	14N	26E	82.40
68761	PER	IRR	SE	NE	16	13N	25E	4.00
69120	PER	MUN	NE	SW	14	13N	25E	361.98
69121	PER	MUN	NE	SW	14	13N	25E	723.97
69122	PER	MUN	NW	SE	15	13N	25E	1085.96
69185	PER	IRR	NW	SE	1	13N	25E	91.32
69186	PER	IRR	NW	SW	1	13N	25E	34.80
69187	PER	IRR	NW	SE	1	13N	25E	34.80
69190	PER	IRR	NW	SE	1	13N	25E	123.00
69192	PER	IRR	NW	SE	1	13N	25E	43.28
47013R01	RLP	DOM	NE	SW	13	12N	25E	2.02
62620E	PER	ENV	NW	SW	14	13N	25E	50.64
64498E	PER	ENV		NE	5	13N	25E	54.00
64499E	PER	ENV		NE	5	13N	25E	54.00
70222T	PER	IRR	SW	SW	34	15N	25E	300.80

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
30517	CER	IRR	SW	SW	1	11N	25E	2954.44
49250	CER	IRR	SW	SW	1	11N	25E	801.57
13911	CER	STK	SW	NW	1	11N	25E	22.43
18715	CER	IRR	NW	NE	1	11N	25E	1640.00
18707	CER	IRR	SE	NE	1	11N	25E	1230.20
54419	CER	IRR	SW	SW	1	11N	25E	88.03
60763	CER	IRR	SW	NE	1	11N	25E	85.07
60764	CER	IRR	SE	NE	1	11N	25E	85.07
56020	CER	IRR	SW	NE	1	11N	25E	1543.87
30518	CER	IRR	SW	SE	2	11N	25E	1853.60
19758	CER	IRR	NW	SE	10	11N	25E	1395.28
61882	PER	IRR	SW	SE	10	11N	25E	152.00
62833	PER	COM	NW	SE	10	11N	25E	2.03
28042	CER	IRR	SE	SW	10	11N	25E	295.60
19935	CER	IRR	SW	NW	11	11N	25E	579.60
57262	CER	IRR	SW	NE	11	11N	25E	88.03
57261	CER	IRR	SW	NE	11	11N	25E	801.57
12389	CER	IRR	SW	NE	11	11N	25E	1622.69
61894	PER	STK	NW	NW	14	11N	25E	8.19
57576	CER	STK	NE	NW	4	11N	26E	11.75
45411	CER	STK	NW	NW	4	11N	26E	22.40
45413	CER	QM	NW	NW	4	11N	26E	6.72
46831	CER	STK	SE	NW	20	11N	26E	6.51
46830	CER	STK	NE	SW	33	11N	26E	6.51
28195	CER	IRR	SE	NW	1	12N	25E	1378.80
58481	CER	IRR	NE	SE	1	12N	25E	576.00
58482	CER	IRR	NE	NE	1	12N	25E	310.00
28194	CER	IRR	SE	SE	1	12N	25E	400.00
19113	CER	IRR	NW	SE	2	12N	25E	788.00
19828	CER	IRR	SW	NW	3	12N	25E	615.75
66831	PER	IRR	NE	SW	3	12N	25E	608.00
24583	CER	IRR	NE	SW	3	12N	25E	448.00
63192	PER	QM	SE	SW	3	12N	25E	1.93
60495	CER	IRR	SW	NW	3	12N	25E	144.32
59847	CER	STK	SW	SE	8	12N	25E	8.96
65755	PER	IRR	SE	SW	10	12N	25E	1572.00
65384	PER	IRR	SW	SW	11	12N	25E	116.08
67210	PER	IRR	SW	SW	11	12N	25E	230.00
67599	PER	IRR	SW	SW	11	12N	25E	36.28
65754	PER	IRR	SW	NW	11	12N	25E	512.40
68312	PER	IRR	SW	SW	11	12N	25E	354.98
19706	CER	IRR	NE	SW	11	12N	25E	1436.00
28067	CER	IRR	NE	NE	11	12N	25E	51.60
30396	CER	IRR	SW	NW	11	12N	25E	40.00
56251	CER	IRR	NE	NE	11	12N	25E	684.40
18766	CER	IRR	SE	NW	12	12N	25E	188.24
58352	CER	IRR	SE	NW	12	12N	25E	255.47
30520	CER	IRR	SW	SE	12	12N	25E	36.80
30287	CER	IRR	NE	NW	12	12N	25E	484.80

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
28268	CER	IRR	SW	SE	12	12N	25E	612.00
29621	CER	IRR	SE	NW	12	12N	25E	352.00
47013R01	RLP	DOM	NE	SW	13	12N	25E	2.02
47013	CER	IRR	NE	SW	13	12N	25E	37.34
47014	PER	IRR	SE	SW	13	12N	25E	36.00
18914	CER	IRR	SW	SE	14	12N	25E	880.80
18654	CER	IRR	SE	SE	14	12N	25E	650.90
66832	PER	IRR	NW	SE	15	12N	25E	752.00
58168	CER	IRR	SE	NE	22	12N	25E	124.00
58166	CER	IRR	SE	NE	22	12N	25E	36.00
55955	CER	IRR	SE	NE	22	12N	25E	388.80
19692	CER	IRR	SE	SW	23	12N	25E	488.00
61593	CER	IRR	SE	NW	23	12N	25E	277.40
61592	CER	IRR	SE	NW	23	12N	25E	277.40
56599	CER	IRR	NE	SE	23	12N	25E	142.72
56594	CER	IRR	NE	SE	23	12N	25E	94.72
56597	CER	IRR	NE	SE	23	12N	25E	98.38
56598	CER	IRR	NE	SE	23	12N	25E	491.91
56596	CER	IRR	NW	NW	24	12N	25E	382.06
56595	CER	IRR	NW	NW	24	12N	25E	157.21
58486	CER	IRR	SW	NW	24	12N	25E	54.48
18753	CER	IRR	SW	SW	24	12N	25E	613.40
19057	CER	IRR	SE	SW	25	12N	25E	2780.00
25892	CER	IRR	SE	NE	27	12N	25E	936.00
13879	CER	IRR	SW	SE	35	12N	25E	1130.02
30992	CER	IRR	NE	NE	6	12N	26E	475.60
26368	CER	IRR	SW	NE	6	12N	26E	612.00
18867	CER	IRR	NW	NW	6	12N	26E	464.77
18730	CER	IRR	SE	SW	6	12N	26E	648.00
67907	PER	IRR	NE	NE	6	12N	26E	152.00
67906	PER	IRR	NE	NE	6	12N	26E	48.50
30050	CER	IRR	SE	SW	6	12N	26E	593.20
57188	PER	IRR	NW	SE	31	12N	26E	240.00
45410	CER	QM	NW	SW	33	12N	26E	1.66
45409	CER	QM	SW	SW	33	12N	26E	5.59
45408	CER	STK	NW	SW	33	12N	26E	22.40
45412	CER	STK	SW	SW	33	12N	26E	22.40
49413	CER	STK	NW	SW	4	12N	27E	3.07
49835	CER	STK	NULL	LT02	18	12N	27E	8.96
33522	CER	STK	SE	SE	1	13N	25E	13.44
27302	CER	IRR	SW	SW	1	13N	25E	52.20
69192	PER	IRR	NW	SE	1	13N	25E	43.28
69185	PER	IRR	NW	SE	1	13N	25E	91.32
69186	PER	IRR	NW	SW	1	13N	25E	34.80
69187	PER	IRR	NW	SE	1	13N	25E	34.80
69190	PER	IRR	NW	SE	1	13N	25E	123.00
30259	CER	IRR	NW	SE	1	13N	25E	1346.40
58027	CER	IRR	NE	NE	3	13N	25E	130.58
51939	CER	IRR	NE	NE	3	13N	25E	593.77

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
49222	PER	ENV	NW	SW	4	13N	25E	49.72
68007	PER	IRR	NE	NE	4	13N	25E	52.85
67204	PER	IRR	NE	NE	4	13N	25E	1049.76
66303	PER	IRR	NE	NE	4	13N	25E	100.00
65724	PER	IRR	NE	NE	4	13N	25E	1500.00
49223	PER	ENV	SE	NE	5	13N	25E	10.50
23793	CER	MM	SE	NW	5	13N	25E	1614.24
64499E	PER	ENV		NE	5	13N	25E	54.00
64498E	PER	ENV		NE	5	13N	25E	54.00
61449	PER	MM	NE	NE	8	13N	25E	160.00
18411	CER	MM	NW	NW	9	13N	25E	970.11
18706	CER	IRR	NE	SW	10	13N	25E	2048.00
25813	CER	IRR	SW	NE	11	13N	25E	3269.63
35867	CER	REC	SE	SW	12	13N	25E	3.53
19841	CER	IRR	SW	SW	13	13N	25E	1260.00
19873	CER	IRR	SW	NE	13	13N	25E	896.36
18676	CER	IRR	SE	SE	13	13N	25E	1452.25
19744	CER	IRR	SW	SE	14	13N	25E	720.00
62620E	PER	ENV	NW	SW	14	13N	25E	50.64
69120	PER	MUN	NE	SW	14	13N	25E	361.98
69121	PER	MUN	NE	SW	14	13N	25E	723.97
65358	PER	MUN	NE	SW	14	13N	25E	723.97
65298	PER	MUN	NE	SW	14	13N	25E	537.01
65297	PER	MUN	SW	SW	14	13N	25E	598.43
65302	PER	MUN	NE	SW	14	13N	25E	112.01
18703	CER	IRR	SW	SW	15	13N	25E	443.20
69122	PER	MUN	NW	SE	15	13N	25E	1085.96
57256	CER	IRR	SW	SW	15	13N	25E	0.00
26213	CER	COM	NW	NW	15	13N	25E	1.99
65303	PER	MUN	NW	SE	15	13N	25E	112.01
65296	PER	MUN	NW	SE	15	13N	25E	1085.96
15425	CER	MM	SE	SW	16	13N	25E	468.10
68761	PER	IRR	SE	NE	16	13N	25E	4.00
25399	CER	MM	SE	SE	16	13N	25E	1628.66
68630	PER	IRR	SE	SE	16	13N	25E	2.00
18410	CER	MM	NE	NE	17	13N	25E	608.13
45226	CER	IND	NE	SE	21	13N	25E	0.25
10763	CER	STK	NE	SE	21	13N	25E	44.81
16892	CER	STK	SE	SE	21	13N	25E	90.47
14109	CER	MM	SE	NW	21	13N	25E	0.00
15424	CER	MM	NE	NW	21	13N	25E	868.50
14111	CER	MM	NW	NE	21	13N	25E	0.00
54473	CER	IRR	SW	SW	22	13N	25E	97.52
30926	CER	IRR	NW	SW	22	13N	25E	620.00
65300	PER	MUN	SE	SW	22	13N	25E	723.97
19667	CER	IRR	SE	SE	23	13N	25E	1132.00
19068	CER	IRR	SW	NE	24	13N	25E	2652.00
62252	PER	COM	NW	NW	24	13N	25E	54.32
61681	CER	STK	NW	NW	24	13N	25E	22.40

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
53028	CER	STK	SE	SW	24	13N	25E	4.36
19101	CER	IRR	SW	NW	24	13N	25E	1193.68
25633	CER	IRR	SW	NW	24	13N	25E	1400.00
18866	CER	STK	SE	SW	25	13N	25E	11.29
38153	CER	QM	NE	NW	25	13N	25E	2.95
14377	CER	DOM	SW	SW	25	13N	25E	3.22
57247	CER	IRR	SE	SW	25	13N	25E	1016.00
55676	CER	IRR	SE	NE	26	13N	25E	140.00
54860	CER	IRR	SE	NE	26	13N	25E	589.92
59997	CER	COM	NW	SW	26	13N	25E	1.00
30439	CER	IRR	SE	NW	26	13N	25E	729.20
30190	CER	IRR	SE	SE	26	13N	25E	616.00
26099	CER	REC	NW	NE	27	13N	25E	192.36
60555	CER	REC	NW	NE	27	13N	25E	33.73
60556	CER	REC	NW	NE	27	13N	25E	23.59
60554	CER	REC	NW	NE	27	13N	25E	12.93
60553	CER	REC	NW	NE	27	13N	25E	43.48
41363	CER	IRR	SW	SE	27	13N	25E	1602.92
60702	PER	QM	NW	NE	28	13N	25E	401.81
68629	PER	QM	NW	NE	28	13N	25E	1.00
61718	PER	QM	NW	NE	28	13N	25E	401.81
22671	CER	DOM	NE	SW	33	13N	25E	3.22
18589	CER	IRR	NE	SW	33	13N	25E	20.00
18588	CER	IRR	NE	SW	33	13N	25E	20.00
65299	PER	MUN	NW	NE	33	13N	25E	723.97
30166	CER	IRR	NE	SW	34	13N	25E	1460.00
18682	CER	IRR	NW	SE	35	13N	25E	792.00
19829	CER	IRR	SW	SW	35	13N	25E	1388.00
30193	CER	IRR	SE	NW	35	13N	25E	424.32
18736	CER	IRR	SW	SE	36	13N	25E	456.00
14379	CER	DOM	SE	SE	36	13N	25E	3.22
65278	PER	IRR	NE	NW	36	13N	25E	34.72
30362	CER	IRR	NW	SW	36	13N	25E	752.00
54842	CER	IRR	SE	NW	36	13N	25E	486.36
55677	CER	IRR	SE	NW	36	13N	25E	258.96
68005	PER	IRR	NE	NW	36	13N	25E	3.64
35325	CER	IRR	NW	NW	2	13N	26E	166.00
47672	CER	STK	NULL	LT03	2	13N	26E	13.04
67133	PER	IRR	NW	NW	2	13N	26E	28.00
15975	CER	DOM	SW	NW	2	13N	26E	0.80
45718	PER	QM	SE	SW	3	13N	26E	145.71
54391	PER	QM	SE	SW	3	13N	26E	2.24
59367	PER	QM	SE	SW	3	13N	26E	2.24
49093	CER	QM	SE	SE	3	13N	26E	0.43
31565	CER	QM	SE	SW	3	13N	26E	20.25
30521	CER	IRR	NE	SW	4	13N	26E	1543.72
48636	CER	QM	SE	SE	4	13N	26E	0.37
68309	PER	IRR	NW	SE	5	13N	26E	41.64
68310	PER	IRR	NW	SE	5	13N	26E	75.76

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
30265	CER	IRR	SW	SE	5	13N	26E	80.00
68308	PER	STK	NE	NE	5	13N	26E	5.65
68311	PER	IRR	NW	SE	5	13N	26E	8.20
24013	CER	IRR	NW	SE	5	13N	26E	1460.00
19750	CER	IRR	SE	SE	6	13N	26E	426.36
30068	CER	IRR	NW	NW	7	13N	26E	1373.04
30263	CER	IRR	SE	NE	7	13N	26E	571.56
28290	CER	IRR	NW	NE	8	13N	26E	86.00
43168	CER	QM	SE	SE	8	13N	26E	1.10
65001	PER	IRR	SW	SE	8	13N	26E	17.00
17100	CER	IRR	NW	SE	9	13N	26E	20.80
62495	PER	COM	NE	NW	9	13N	26E	2.03
30383	CER	IRR	NW	SE	9	13N	26E	775.64
48283	CER	QM	NW	NE	9	13N	26E	0.61
46884	CER	QM	NE	NE	9	13N	26E	2.24
41985	PER	QM	NE	NW	10	13N	26E	18.29
41155	CER	QM	NE	NW	16	13N	26E	1.01
44503	CER	STK	NE	NW	16	13N	26E	0.74
50668	CER	STK	NW	SW	17	13N	26E	3.38
62316	PER	COM	NW	NE	17	13N	26E	2.03
66898	PER	IRR	NW	SE	18	13N	26E	1274.00
66900	PER	IRR	SW	NE	18	13N	26E	386.40
59091	CER	STK	SE	SW	18	13N	26E	8.96
48616	CER	IRR	NW	SE	18	13N	26E	21.20
66899	PER	IRR	NW	SE	18	13N	26E	13.60
66897	PER	IRR	NW	SE	18	13N	26E	48.80
61249	CER	IRR	SW	SE	31	13N	26E	6.00
14378	CER	DOM	NW	SE	31	13N	26E	3.22
56798	PER	IRR	NW	SW	31	13N	26E	109.33
47649	CER	STK	SW	NW	34	13N	26E	4.63
47650	CER	STK	NW	SE	8	13N	27E	3.25
49836	CER	STK	NW	SE	32	13N	27E	7.24
65211	PER	IRR	SE	NE	1	14N	24E	1448.00
67035	PER	COM	SW	NE	12	14N	24E	36.00
66039	PER	COM	SW	NE	12	14N	24E	21.79
66193	PER	COM	SW	NE	12	14N	24E	89.43
66038	PER	COM	NW	NE	12	14N	24E	38.48
15475	CER	STK	SW	NW	36	14N	24E	2.18
26312	CER	IND	SE	NE	1	14N	25E	2239.98
18931	CER	IRR	SW	NE	2	14N	25E	1602.96
65263	PER	IRR	SE	SE	3	14N	25E	507.68
58170	CER	COM	SW	SW	3	14N	25E	2.80
68400	PER	IRR	SE	SE	3	14N	25E	456.56
45323	PER	COM	SW	NW	3	14N	25E	7.40
65262	PER	IRR	SE	SE	3	14N	25E	874.00
68398	PER	IRR	SE	SE	3	14N	25E	456.56
25201	CER	IRR	SE	NW	4	14N	25E	744.00
30409	CER	IRR	SW	SW	4	14N	25E	1345.60
58753	PER	IRR	SW	SE	4	14N	25E	2296.00

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
18729	CER	IRR	SE	NW	4	14N	25E	952.00
51014	CER	IRR	NE	NE	5	14N	25E	1233.60
65209	PER	IRR	SW	SW	6	14N	25E	422.00
21921	CER	IRR	SE	SE	6	14N	25E	1898.00
51768	CER	IRR	SE	SE	6	14N	25E	275.19
65210	PER	IRR	NE	NW	7	14N	25E	2080.00
68008	PER	IRR	SE	SE	7	14N	25E	2485.68
27943	CER	IRR	SE	NE	8	14N	25E	400.00
68004	PER	IRR	SW	SE	8	14N	25E	2100.68
18735	CER	IRR	SE	NE	8	14N	25E	1060.00
68006	PER	IRR	SW	SE	8	14N	25E	308.36
19839	CER	IRR	SE	SE	9	14N	25E	544.00
19840	CER	IRR	SE	SE	9	14N	25E	228.00
19838	CER	IRR	SE	SE	9	14N	25E	148.00
58752	PER	IRR	SW	SW	10	14N	25E	2928.00
58756	PER	IRR	NW	SW	10	14N	25E	1159.11
65264	PER	IRR	SW	NE	10	14N	25E	720.12
65265	PER	IRR	SW	NE	10	14N	25E	808.98
68003	PER	IRR	SE	NE	10	14N	25E	139.32
68399	PER	IRR	SE	NE	11	14N	25E	612.00
68401	PER	IRR	SE	NE	11	14N	25E	235.32
61575	PER	WLD	NE	NE	12	14N	25E	2000.00
26311	CER	IND	NE	NE	12	14N	25E	3155.07
18925	CER	IRR	SE	SW	15	14N	25E	1324.68
58758	PER	IRR	SW	NE	15	14N	25E	219.49
58759	PER	IRR	SW	NE	15	14N	25E	120.89
58757	PER	IRR	SW	NE	15	14N	25E	392.00
27929	CER	IRR	SE	SW	16	14N	25E	1081.20
18672	CER	IRR	SE	SE	16	14N	25E	494.80
68055	PER	IRR	NE	SE	16	14N	25E	20.08
67947	PER	IRR	SE	SE	16	14N	25E	73.12
49424	CER	STK	SW	NE	19	14N	25E	2.18
58527	PER	MM	SE	SE	19	14N	25E	773.00
23356	CER	IRR	SE	SE	20	14N	25E	120.00
58174	CER	IRR	NW	SE	21	14N	25E	466.88
66139	PER	COM	NW	NE	22	14N	25E	25.00
18934	CER	IRR	SW	NE	25	14N	25E	1182.72
58105	CER	STK	SW	SW	25	14N	25E	4.48
60704	CER	IRR	SW	NW	27	14N	25E	2187.96
57865	CER	STK	SW	NE	27	14N	25E	3.60
57866	CER	IRR	SW	NE	27	14N	25E	553.16
30169	CER	IRR	NE	NW	27	14N	25E	706.12
57867	PER	IRR	SW	NE	27	14N	25E	1447.90
23913	CER	IRR	SW	NE	29	14N	25E	20.00
20698	CER	IRR	SW	SE	29	14N	25E	27.20
49425	CER	STK	NW	SE	31	14N	25E	2.18
36633	PER	QM	SE	NE	33	14N	25E	377.47
67203	PER	IRR	SE	SW	33	14N	25E	743.52
60353	PER	MUN	SE	NE	33	14N	25E	377.47

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
23833	CER	QM	SE	NE	33	14N	25E	19.09
67034	PER	IRR	SE	SW	33	14N	25E	405.42
60352	PER	MUN	SE	NE	33	14N	25E	19.09
57079	CER	STK	NE	NW	33	14N	25E	8.50
67202	PER	IRR	SE	SW	33	14N	25E	1217.41
18986	CER	IRR	NW	SW	34	14N	25E	924.00
64605	PER	QM	NW	SW	7	14N	26E	10.00
46709	CER	STK	SW	SW	13	14N	26E	13.44
60562	CER	REC	SE	SW	17	14N	26E	133.92
64609	PER	REC	SE	SW	17	14N	26E	196.45
20821	CER	IRR	NE	NW	18	14N	26E	423.20
60558	CER	REC	NE	SW	18	14N	26E	861.50
60560	CER	REC	NE	NW	18	14N	26E	844.76
60559	CER	REC	SE	NW	18	14N	26E	1180.07
60561	CER	REC	NE	NW	18	14N	26E	844.76
60557	CER	REC	NE	SW	18	14N	26E	861.50
64604	PER	REC	NE	NW	18	14N	26E	181.67
64607	PER	REC	NE	NW	18	14N	26E	181.63
50704	CER	WLD	SE	NW	18	14N	26E	108.60
64646	PER	QM	SE	NW	18	14N	26E	40.00
64610	PER	REC	NE	SW	18	14N	26E	160.31
64606	PER	REC	SE	NW	18	14N	26E	50.04
64608	PER	REC	SE	NW	18	14N	26E	131.58
64611	PER	REC	NE	SW	18	14N	26E	160.31
31826	CER	STK	SE	SE	19	14N	26E	7.86
66112	PER	COM	NW	SW	19	14N	26E	36.00
66889	PER	COM	NW	SW	19	14N	26E	20.00
16034	CER	IRR	NE	NE	22	14N	26E	159.60
29299	CER	IRR	SE	NW	22	14N	26E	463.96
30447	CER	IRR	NE	NE	22	14N	26E	463.96
68715	PER	IRR	NE	NE	22	14N	26E	82.40
47116	CER	QM	SE	SW	23	14N	26E	0.12
25916	CER	IRR	SW	SW	26	14N	26E	632.00
66896	PER	IRR	SE	NW	26	14N	26E	27.98
15946	CER	IRR	SE	NW	26	14N	26E	10.00
27839	CER	IRR	SW	SE	29	14N	26E	700.00
66888	PER	IRR	SW	NW	30	14N	26E	319.00
66887	PER	IRR	SW	NW	30	14N	26E	60.00
19599	CER	IRR	SE	SW	31	14N	26E	1130.50
18820	CER	STK	NE	SW	31	14N	26E	6.66
18806	CER	IRR	SW	SE	31	14N	26E	1560.00
30990	CER	IRR	SW	SE	32	14N	26E	1328.40
19661	CER	IRR	SE	NE	32	14N	26E	1240.00
18712	CER	IRR	SW	NW	32	14N	26E	620.00
19062	CER	IRR	SE	NW	32	14N	26E	464.00
27123	CER	IRR	SE	NE	32	14N	26E	504.00
57254	CER	IRR	SE	NE	34	14N	26E	280.00
21582	CER	IRR	SW	SE	34	14N	26E	20.92
20369	CER	IRR	SE	SW	34	14N	26E	247.20

Table 5 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Location

APPLICATION NUMBER	APP STATUS	SITE USE	¼	¼	SECTION	TOWNSHIP	RANGE	PERMIT DUTY (Acre-Feet)
30218	CER	IRR	NW	SE	34	14N	26E	30.92
48290	CER	IRR	SW	NW	35	14N	26E	44.00
45784	CER	IRR	SW	NW	35	14N	26E	36.00
17386	CER	DOM	SE	NE	35	14N	26E	1.60
51100	PER	IND	NE	SW	21	15N	25E	238.88
45594	CER	IND	NE	SW	21	15N	25E	1130.86
61710	PER	COM	SE	SE	21	15N	25E	1.50
61208	CER	IND	SW	SW	22	15N	25E	8.96
61207	CER	IND	SW	SW	22	15N	25E	8.96
16546	CER	DOM	SE	NE	28	15N	25E	0.95
43320	CER	STK	NE	NW	31	15N	25E	2.24
52506	CER	STK	NE	NE	31	15N	25E	4.36
19516	CER	IRR	NE	NE	32	15N	25E	1694.00
65778	PER	IRR	SW	NE	34	15N	25E	149.33
65779	PER	IRR	SW	NE	34	15N	25E	34.00
70222T	PER	IRR	SW	SW	34	15N	25E	300.80
58755	PER	IRR	SW	NE	34	15N	25E	600.00
65777	PER	IRR	SW	NE	34	15N	25E	116.67

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N10 E26 31AA	15825	MINING	0.0									
108 N11 E25 01ABDD1	18715	IRR										
			880.2									
				25.7								
					0.0							
						7.4						
							2.8					
								43.7				
									354.8			
										914.8		
											916.9	
												515.9
108 N11 E25 01ACCB1	56020											
	18707											
		IRR	429.0									
				105.3								
					83.9							
						201.0						
							82.7					
								141.4				
									1346.5			
										1448.6		
											1438.6	
												1112.9

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N11 E25 01ADCD1												
	56020	IRR										
			826.5									
				100.0								
					18.7							
						0.0						
							0.0					
								0.0				
									508.0			
										697.4		
											714.3	
												583.5
108 N11 E25 018C	13911		0.0									
108 N11 E25 01CCDD1	54419											
	49250											
	30517	IRR										
			1468.5									
				28.3								
					9.5							
						0.0						
							0.0					
								52.0				
									721.8			
										1202.1		
											1257.4	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												796.5
108 N11 E25 02CDDD1	30518											
	12389											
	30517											
		IRR	1245.5									
				0.0								
					212.4							
						0.0						
							0.0					
								136.6				
									101.6			
										185.1		
											1381.9	
												563.8
108 N11 E25 10CDCC1	28042											
		IRR								81.5		
											297.6	
												145.5
108 N11 E25 10DBCA1	19758											
		IRR	594.1									
				1.0								
					150.6							
						60.7						
							6.7					
								200.7				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									900.7			
										900.7		
											1046.7	
												941.7
108 N11 E25 10DBCA2								0.5				
									1.0			
										1.0		
											1.5	
												1.5
108 N11 E25 10DCCC1			0.0									
		IRR								104.7		
											108.0	
												137.5
108 N11 E25 11ACAA1	12389		0.0									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											0.0	
												0.0
108 N11 E25 11ACAB1	12389											
	30517											
	30518											
	57261											
	57262	IRR	769.7									
				77.1								
					263.3							
						155.8						
							5.5					
								200.1				
									605.4			
										779.5		
											437.2	
												676.1
108 N11 E25 11BCDD1	19935											
		IRR	753.4									
				9.8								
					316.4							
						249.4						
							117.6					
								103.9				
									716.1			
										805.1		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											696.2	
												447.7
108 N11 E25 14BBB01												
108 N11 E26 04BA0D1	57188											
	57576		0.0									
		IRR		2.8								
					7.5							
						0.0						
							5.4					
								28.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N11 E26 04BB	45411		0.0									
108 N11 E26 04BB	45413		0.0									
108 N11 E26 20BD	46831		0.0									
108 N11 E26 33CA	46830		0.0									
108 N12 E25 01AADD1	58482											
	58481											
		IRR	649.2									
				43.2								
					0.0							
						0.0						
							0.0					
								196.6				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									349.9			
										376.2		
											513.9	
												535.2
108 N12 E25 01BDD01	28195											
	19113											
		IRR	1620.0									
				1204.1								
					844.4							
						1329.4						
							689.1					
								409.3				
									1074.1			
										1072.7		
											1344.6	
												1591.5
108 N12 E25 01ADDC1	58481											
		IRR	1105.9									
				47.0								
					167.4							
						79.4						
							56.3					
								54.3				
									469.2			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										492.3		
											463.4	
												466.5
108 N12 E25 01DACC1	28194											
		IRR	415.9									
				36.7								
					361.4							
						82.2						
							204.2					
								293.0				
									232.1			
										233.3		
											233.3	
												235.5
108 N12 E25 02DBDD1	19113											
		IRR	611.3									
				67.9								
					392.4							
						185.7						
							323.9					
								314.5				
									695.8			
										732.9		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											548.1	
												728.0
108 N12 E25 03BCDC1	19828											
	60495											
		IRR	637.2									
				20.3								
					47.7							
						107.0						
							43.6					
								1080.4				
									1446.8			
										694.0		
											792.9	
												427.6
108 N12 E25 03CADD1	24583											
		IRR	710.4									
				65.3								
					269.5							
						257.6						
							346.9					
								466.4				
									449.6			
										782.7		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											769.4	
												378.4
108 N12 E25 04BBAA1					527.3							
						308.1						
							1.0					
								1.4				
									1.8			
										1.0		
											24.9	
												0.0
108 N12 E25 04BBAA2						59.1						
							0.6					
								5.1				
									2.9			
										2.0		
											2.3	
												2.8
108 N12 E25 08DC	59847		0.0	0.0	0.0	0.0						
108 N12 E25 09DADD1	19728						0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N12 E25 10CDDD1												

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	51938											
	13148											
		IRR	829.0									
				273.0								
					157.1							
						33.6						
							7.1					
								0.0				
									920.1			
										396.7		
											316.4	
												558.4
108 N12 E25 11AABB1	56251											
		IRR	633.5									
				108.7								
					6.7							
						160.7						
							160.3					
								224.4				
									387.3			
										441.3		
											638.1	
												540.6
108 N12 E25 11AADC1	28067											

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
		IRR	432.9									
				475.6								
					582.3							
						370.2						
							355.5					
								519.6				
									866.5			
										846.4		
											562.4	
												529.5
108 N12 E25 11BCDC1	30396											
		IRR	1503.1									
				0.0								
					96.0							
						9.4						
							15.8					
								121.9				
									489.4			
										1064.3		
											347.7	
												991.9
108 N12 E25 11CADD1	19706											
		IRR	816.9									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				10.5								
					0.0							
						826.9						
							2103.3					
								106.6				
									218.5			
										492.4		
											362.6	
												362.6
108 N12 E25 11CCDC1	65384											
		IRR							98.8			
										348.3		
											379.4	
												596.7
108 N12 E25 12BADA1												
									63.7			
										45.2		
											45.2	
												73.8
108 N12 E25 12BCAD1												
		IRR	648.9									
				96.2								
					164.0							
						169.2						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							297.1					
								341.4				
									264.2			
										290.4		
											273.1	
												212.8
108 N12 E25 12BDDD1	18766	IRR										
	29621											
	58352		0.0									
				0.0								
					93.5							
						49.8						
							59.9					
								30.8				
									323.8			
										256.6		
											398.8	
												278.2
108 N12 E25 12CDAA1	28288											
		IRR	238.5									
				0.0								
					10.4							
						0.0						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							139.7					
								156.0				
									334.1			
										320.9		
											149.8	
												0.0
108 N12 E25 12DCCC	30520											
											0.0	
												0.0
108 N12 E25 13CABD	47013											
		IRR									120.6	
												0.0
108 N12 E25 13CDD8	47014											
		IRR									42.7	
												0.0
108 N12 E25 14DCAA1	18914											
		IRR	486.7									
				0.0								
					1.0							
						6.7						
							0.0					
								0.0				
									282.8			
										446.1		
											205.8	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N12 E25 14DDB81	18654											174.6
		IRR	935.8									
				0.0								
					1.9							
						13.2						
							0.0					
								0.0				
									148.8			
										182.6		
											311.2	
												255.4
108 N12 E25 15DBAA1	18816											
	6006	IRR										
			656.7									
				63.0								
					141.5							
						121.3						
							1.3					
								0.0				
									295.4			
										596.1		
											723.9	
												393.7

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N12 E25 22ADDD1	58166											
	58168											
	55955											
		IRR	614.8									
				0.0								
					4.3							
						19.5						
							0.0					
								0.1				
									118.9			
										303.4		
											447.5	
												343.7
108 N12 E25 23BDDA1	61592											
	61593	IRR			0.0							
						0.0						
							173.9					
								37.2				
									247.8			
										456.3		
											460.4	
												502.7
108 N12 E25 23CDDD1	19062											
		IRR	427.5									
				0.0								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					0.0							
						25.8						
							176.0					
								325.4				
									64.3			
										261.0		
											265.8	
												205.4
108 N12 E25 23DADD1	56597											
	56594											
	56399											
		IRR	459.1									
				11.1								
					0.0							
						0.0						
							21.9					
								46.2				
									0.0			
										224.1		
											304.9	
												171.8
108 N12 E25 23DADD2	56598											
		IRR	754.4									
				44.3								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					0.0							
						0.0						
							65.9					
								63.8				
									383.6			
										570.4		
											619.5	
												285.5
108 N12 E25 24BBCC1	56595											
	56596											
			577.2									
				149.6								
					0.0							
						10.3						
							16.9					
								13.7				
									59.9			
										174.0		
											585.3	
												302.0
108 N12 E25 24BBCC1					0.0							
						3.6						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							2.0					
								3.7				
									4.4			
										3.7		
											45.6	
												48.9
108 N12 E25 24BCCC	58486		0.0									
108 N12 E25 24CCCD1	18753											
		IRR	1613.4									
				8.3								
					74.8							
						260.3						
							63.9					
								288.6				
									361.3			
										538.5		
											441.3	
												344.7
108 N12 E25 25CDDD1	19057											
		IRR	982.2									
				0.2								
					49.7							
						13.1						
							140.2					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								276.9				
									734.6			
										1051.5		
											1066.0	
												789.5
108 N12 E25 27ADDD1	25892											
	9217											
		IRR	795.3									
				48.2								
					214.7							
						12.3						
							19.8					
								82.9				
									440.8			
										728.9		
											661.7	
												786.4
108 N12 E25 34ADAAA				0.0								
108 N12 E25 35DCDD2	13879											
	5074											
		IRR	789.2									
				62.3								
					144.6							
						93.6						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							15.7					
								40.9				
									422.5			
										775.6		
											490.2	
												333.0
108 N12 E26 03BD	20387		0.0									
108 N12 E26 04BAAA	16889											
	20387		0.0									
108 N12 E26 05AACC1	30992											
		IRR	645.6									
				0.0								
					393.6							
						391.3						
							140.2					
								282.1				
									463.3			
										571.6		
											0.0	
												575.0
108 N12 E26 06AACC2												
									0.0			
										0.0		
											0.0	
												0.0

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N12 E26 06B8DD1	18867											
		IRR	856.1									
				11.6								
					102.5							
						107.0						
							57.3					
								114.6				
									644.2			
										468.5		
											484.7	
												373.9
108 N12 E26 06BDD1	26368											
		IRR	437.7									
				92.7								
					325.6							
						331.0						
							265.7					
								343.7				
									417.5			
										550.1		
											746.7	
												683.4
108 N12 E26 06CDBB3	18730											

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
		IRR	776.5									
				168.6								
					507.8							
						410.8						
							391.8					
								618.3				
									730.0			
										563.3		
											718.1	
												554.6
108 N12 E26 06CDBC2	30050											
		IRR	488.9									
				106.2								
					290.9							
						258.6						
							246.7					
								389.3				
									141.8			
										201.3		
											341.1	
												123.3
108 N12 E26 06CDDA1												
						0.0						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N12 E26 31DBCD	57188		0.0									
108 N12 E26 33CB	45408		0.0									
108 N12 E26 33CB	45410		0.0									
108 N12 E26 33CC	45409		0.0									
108 N12 E26 33CC	45412		0.0									
108 N12 E27 04BCC	49835		0.0									
108 N12 E27 04CB	49413		0.0									
108 N13 E25 01CCAB	27302		0.0									
108 N13 E25 01DBCC2	30259											
		IRR	1008.3									
				131.9								
					303.4							
						78.5						
							81.5					
								282.7				
									421.2			
										1115.0		
											1039.1	
												960.3
108 N13 E25 01DD	33522		0.0									
108 N13 E25 03AADD1	51939											
	58027											
		IRR	735.0									
				4.4								
					6.8							
						18.0						
							0.0					
								8.6				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									115.4			
										642.6		
											586.0	
												462.8
108 N13 E25 04AABB1		IRR							1082.9			
										1554.5		
											1601.2	
												901.8
108 N13 E25 04ACBB1	45856											
	53913											
		IRR	522.0									
				339.2								
					299.7							
						270.7						
							0.2					
								295.6				
									0.0			
										0.0		
											0.0	
108 N13 E25 04BBCB2	56856											
			612.4									
				347.9								
					236.8							
						506.9						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							228.8					
								4.2				
									33.9			
										0.0		
108 N13 E25 05BD	23793		0.0									
108 N13 E25 09BB	18411		0.0									
108 N13 E25 10CACC1	18706											
		IRR	997.4									
				155.9								
					225.9							
						116.7						
							0.0					
								0.0				
									368.5			
										677.1		
											476.6	
												623.2
108 N13 E25 11ADBB1	25813											
		IRR	1779.3									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									1437.4			
										0.0		
											0.0	
												0.0
108 N13 E25 11ADBB2									0.0			
										1866.2		
											1700.0	
												1600.0
108 N13 E25 12CDCB	35867		0.0									
108 N13 E25 13ACCC1	19873											
		IRR	1349.9									
				0.0								
					328.8							
						155.9						
							22.0					
								185.7				
									882.2			
										1234.2		
											1210.3	
												1083.9
108 N13 E25 13CCCD1												
	19841											
		IRR	1092.9									
				531.7								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					473.9							
						500.7						
							478.9					
								513.3				
									454.3			
										1019.5		
											1113.3	
												854.7
108 N13 E25 13DDDD3	18676											
		IRR	1196.8									
				0.0								
					10.0							
						42.0						
							54.8					
								98.3				
									393.5			
										969.1		
											1326.2	
												1355.8
108 N13 E25 14CAOC1					0.0							
						0.0						
							0.0					
								0.0				
									0.0			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									0.8			
										157.0		
											0.0	
												0.0
108 N13 E25 14CADD1	35974											
			733.8									
				517.3								
					916.6							
						358.8						
							212.0					
								578.4				
									387.8			
										813.5		
											467.0	
												184.5
108 N13 E25 14CC	24692		0.0									
108 N13 E25 14DCCD1	19744											
		IRR	954.3									
				244.2								
					261.8							
						335.5						
							97.1					
								91.4				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									686.2			
										776.5		
											734.8	
												723.9
108 N13 E25 15BCC1	26213		0.0									
108 N13 E25 15CCBD1	18703											
	57526											
		IRR	1081.5									
				153.7								
					211.4							
						260.3						
							162.8					
								393.4				
									560.4			
										500.1		
											750.2	
												1072.6
108 N13 E25 15DA	10592		0.0									
108 N13 E25 15DBDD	22788											
			263.3									
				341.2								
					206.0							
						396.7						
							266.6					
								613.2				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									430.8			
										461.5		
											501.6	
												491.5
108 N13 E25 16DDCD1	25399											
											764.0	
												0.0
108 N13 E25 17AABB1	18410		7.7									
108 N13 E25 21ABAD1	14111		482.8									
108 N13 E25 21AC	14110		0.0									
108 N13 E25 21ADDA1	18704											
						1051.3						
							0.0					
108 N13 E25 21BA	15424		0.0									
108 N13 E25 21D												
											0.0	
108 N13 E25 21DACD	10763											
							0.0					
108 N13 E25 21DA	45226		0.0									
108 N13 E25 21DDBA	16892											
							0.0					
108 N13 E25 22CC	54473											
		IRR			166.4							
						7.3						
							0.0					
								0.0				
									58.6			
										0.0		
108 N13 E25 22CBBB1	30926											
		IRR	1520.1									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				643.4								
					175.4							
						900.6						
							836.8					
								925.8				
									222.2			
										0.0		
											1052.4	
												0.0
108 N13 E25 22CCBB1	54473											
		IRR	714.0									
				123.3								
					190.0							
						152.1						
							97.1					
								136.2				
									288.8			
										425.3		
											541.3	
												539.1
108 N13 E25 22CDD1	45393											
								74.8				
									382.8			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										294.0		
											145.8	
												350.0
108 N13 E25 23DDDC1												
	19667											
		IRR	1284.5									
				159.5								
					128.2							
						72.9						
							6.2					
								60.0				
									555.2			
										1513.0		
											1600.8	
												1231.0
108 N13 E25 24ACBB1												
	19068											
		IRR	991.7									
				16.2								
					0.0							
						50.4						
							11.9					
								43.4				
									119.1			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										771.7		
											858.1	
												779.5
108 N13 E25 24BBD1						0.0						
							57.3					
								42.9				
									45.8			
										37.3		
											34.2	
												36.5
108 N13 E25 24BCCC1												
	19101											
	25633											
		IRR	1269.7									
				473.1								
					582.7							
						62.2						
							821.4					
								760.8				
									1104.4			
										1551.9		
											1559.1	
												1421.1
108 N13 E25 24CD	53028		0.0									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N13 E25 25BACC	38153		0.0									
108 N13 E25 25CC	14377		0.0									
108 N13 E25 25CDDA2	18866											
								10.0				
									10.0			
										10.0		
											10.0	
												0.0
108 N13 E25 25CDCC1	57247											
		IRR	622.0									
				0.0								
					132.8							
						8.8						
							27.4					
								130.7				
									0.0			
										652.4		
											692.0	
												723.1
108 N13 E25 26BDCC1	30439											
		IRR	896.0									
				779.5								
					588.2							
						110.7						
							126.3					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								101.3				
									463.5			
										590.0		
											613.3	
												488.1
108 N13 E25 26CBDD1	55676											
	54860											
		IRR	346.3									
				0.9								
					0.0							
						0.0						
							0.0					
108 N13 E25 26CBDD2	59997											
			1.0									
				1.0								
					1.0							
						1.0						
							1.0					
								1.0				
									1.0			
										8.0		
											1.5	
												1.4
												1.1
108 N13 E25 26CBDD3												
			4.5									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				2.4								
					3.9							
						11.2						
							14.0					
								10.7				
									4.9			
										0.9		
											0.4	
												0.7
108 N13 E25 26DAAA1												
			560.6									
				96.9								
					129.9							
						131.4						
							72.1					
								55.8				
									36.9			
										654.8		
											620.6	
												747.8
108 N13 E25 26DDCC1	30190											
		IRR	639.6									
				52.5								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					146.6							
						81.2						
							20.7					
								247.2				
									433.3			
										438.7		
											568.2	
												701.4
108 N13 E25 27ABAC1												
			283.0									
				276.3								
					205.6							
						70.6						
							202.7					
								298.5				
									244.8			
										336.6		
											279.1	
												264.2
108 N13 E25 27DCCD2	41363											
		IRR	1910.2									
				380.5								
					480.3							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						321.8						
							196.5					
								109.5				
									887.5			
										1370.4		
											1442.9	
												990.7
108 N13 E25 28ABDC									293.5			
										293.5		
											293.5	
												0.0
108 N13 E25 28DB	57106		0.0									
108 N13 E25 33ABAB1	45393											
								500.7				
									272.5			
										185.1		
											161.1	
												359.2
108 N13 E25 33BD			0.0									
108 N13 E25 33CA	18588		0.0									
108 N13 E25 33CA2	22671		0.0									
108 N13 E25 34CDAB1	30166											
		IRR	1332.1									
				602.7								
					627.2							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						625.2						
							600.1					
								600.0				
									504.2			
										950.4		
											1233.8	
												755.6
108 N13 E25 35BDCC1	30193											
		IRR	515.9									
				93.1								
					134.7							
						100.0						
							100.0					
								287.2				
									212.6			
										308.8		
											330.6	
												229.0
108 N13 E25 35CCDD1	19829											
		IRR	1081.5									
				100.6								
					296.0							
						29.9						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							17.2					
								11.5				
									508.3			
										791.6		
											795.1	
												1055.0
108 N13 E25 35DBCC1	18682											
		IRR	1194.1									
				24.5								
					0.1							
						0.0						
							0.0					
								33.2				
									615.7			
										1002.2		
											942.6	
												821.0
108 N13 E25 36BDBC1	55677											
	54842											
		IRR	752.8									
				440.2								
					307.8							
						138.8						
							107.0					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								135.3				
									715.4			
										553.7		
											576.9	
												681.3
108 N13 E25 36CBDD1	30362											
		IRR	739.7									
				40.2								
					194.2							
						338.5						
							38.9					
								0.0				
									712.2			
										692.7		
											608.0	
												299.9
108 N13 E25 36DCAD1	18736											
		IRR	610.8									
				5.6								
					170.4							
						159.4						
							165.3					
								269.1				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									369.7			
										783.7		
											943.7	
												555.1
108 N13 E25 36DD	14379		0.0									
108 N13 E26 02BBCA1	35325											
		IRR	101.6									
				113.5								
					182.8							
						198.2						
							179.0					
								110.2				
									119.4			
										104.7		
											94.4	
												2.2
108 N13 E26 02BABB	47672		0.0									
108 N13 E26 02BC	15975		0.0									
108 N13 E26 03CDCBN	54391											
	45718											
	31565											
			394.9									
				277.6								
					448.1							
						446.3						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							0.8					
								357.0				
									0.0			
										0.0		
											0.0	
												218.4
108 N13 E26 03CDCBS						0.0						
							0.0					
												76.5
108 N13 E26 03DD			0.0									
108 N13 E26 04CADD1	30521											
		IRR	817.6									
				376.6								
					632.7							
						598.5						
							386.9					
								471.2				
									633.5			
										751.2		
											603.4	
												599.5
108 N13 E26 04DDCA1	48636		0.0									
108 N13 E26 05DBCD1	24013											
		IRR	856.4									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				500.3								
					343.2							
						412.8						
							383.7					
								756.6				
									877.9			
										942.4		
											895.8	
												847.1
108 N13 E26 05DCBC	30265			0.0	0.0	0.0	0.0	0.0	0.0	34.9	58.0	0.0
											6.6	
108 N13 E26 06AB	18819		0.0									
108 N13 E26 06DDBB1	19750		0.0									
108 N13 E26 06DBDD2	19750	IRR	483.8									
				97.7								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					75.8							
						135.1						
							122.0					
								828.4				
									1377.0			
										1513.8		
											1314.1	
												852.4
108 N13 E26 07ADBC1	30263											
		IRR	1330.8									
				245.4								
					310.1							
						291.9						
							186.2					
								1168.8				
									1068.1			
										505.6		
											342.8	
												461.6
108 N13 E26 07BBDD1	30068											
		IRR	1463.3									
				160.9								
					130.9							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						215.0						
							136.2					
								333.6				
									1021.6			
										1463.6		
											1100.4	
												909.7
108 N13 E26 08ABCD	28290											
		IRR							220.9			
										199.9		
											161.4	
												205.5
108 N13 E26 08CAAB 1	NONE											
			0.0									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N13 E26 08CBBB1	NONE											

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
			0.0									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N13 E26 08CC	43168		0.0									
108 N13 E26 09AACB1	46884		0.0									
108 N13 E26 09ABBD1	14632		0.0									
108 N13 E26 09ABCC1	48283		0.0									
108 N13 E26 09BADD1	62495							0.0				
									1.9			
										0.0		
108 N13 E26 09DCBB2	30383											
	17100											
		IRR	922.5									
				469.9								
					995.2							
						935.5						
							869.4					
								1014.5				
									726.6			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										1085.5		
											934.9	
												932.7
108 N13 E26 10BABB1	41985											
										0.0		
108 N13 E26 16BA	44503		0.0									
108 N13 E26 17CBBC1	50668											
			112.7									
				8.6								
					7.6							
						0.7						
							0.5					
								0.8				
									0.7			
										1.3		
											1.5	
												1.4
108 N13 E26 18ACCB1	66900											
		IRR	1301.3									
				1076.4								
					1083.6							
						0.0						
							8.8					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								332.1				
									541.4			
										828.7		
											812.1	
												392.3
108 N13 E26 18DBBC1	36924											
	48616											
		IRR	1060.2									
				908.2								
					1061.5							
						899.2						
							736.9					
								916.1				
									1275.6			
										1092.6		
											1086.1	
												406.3
108 N13 E26 31CABB1												
				7.1								
					7.1							
						5.2						
							7.1					
								7.0				
									7.1			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										6.9		
											6.9	
												5.1
108 N13 E26 31C8BD1	56798											
		IRR			318.4							
						138.6						
							54.9					
								236.0				
									385.2			
										315.4		
											348.4	
												150.3
108 N13 E26 31DB	14378											
						0.0						
108 N13 E26 31DCDC1	19114											
			0.0									
				2.9								
					3.9							
						13.9						
							25.8					
								28.2				
									0.0			
										0.0		
											3.3	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												8.7
108 N13 E26 31DCDC2				2.9								
					3.9							
						13.9						
							25.8					
								28.2				
									30.6			
										1.0		
											1.0	
												1.0
108 N13 E26 31DDDD1												
									0.0			
										0.0		
											0.0	
												0.0
108 N13 E26 31DDDD2	19077											
	36330											
		IRR	115.0									
				0.0								
					791.5							
						624.5						
							1820.6					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								406.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N13 E26 34BC	47649		0.0									
108 N13 E27 08DB	47650		0.0									
108 N13 E27 32DC	49836		0.0									
108 N14 E24 01ADCC1	53315											
		IRR	1683.9									
				1734.7								
					1414.4							
						1606.7						
							1159.9					
								1388.9				
									1037.4			
										1873.4		
											1607.7	
												1504.2
108 N14 E24 12ABAA1	51767											
			70.6									
				69.3								
					61.8							
						54.5						
							70.8					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								63.2				
									94.8			
										99.7		
											189.2	
												195.7
108 N14 E24 12ACAA1	48628											
	55408											
		IRR	85.5									
				105.5								
					178.6							
						89.8						
							104.5					
								94.3				
									86.0			
										1.8		
											76.5	
												0.0
108 N14 E24 12ACAA1S												
											50.2	
												0.0
108 N14 E24 12ACDD1												
											42.3	
												237.3
108 N14 E24 36BC	15475		0.0									
108 N14 E25 01ADCC	26312	IND										
			1349.8									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				3574.4								
					2902.9							
						2337.7						
							1687.9					
								1570.2				
									1619.1			
										3265.9		
											3345.2	
												2106.9
108 N14 E25 02ACDC 1	18931											
		IRR	575.5									
				55.2								
					221.4							
						128.6						
							102.5					
								404.2				
									533.7			
										1342.9		
											1346.3	
												561.4
108 N14 E25 03BCDD1	45323											
			0.0									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				0.9								
					2.0							
						2.0						
							2.5					
								1.9				
									2.1			
										2.1		
											1.9	
												2.2
108 N14 E25 03CCCC	58170				11.3							
	22169					0.0						
							0.0					
								8.3				
									13.3			
										23.6		
											34.9	
												32.0
108 N14 E25 03DDDD2	50520											
	58165											
		IRR	986.9									
				365.1								
					277.1							
						145.9						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							409.9					
								251.4				
									376.4			
										1900.0		
											1915.1	
												1470.6
108 N14 E25 04BDCD2	18729											
	25201											
		IRR	594.8									
				81.1								
					261.9							
						145.5						
							0.0					
								59.2				
									117.3			
										733.8		
											565.4	
												789.2
108 N14 E25 04CCCC1	30409											
		IRR	1675.5									
				466.9								
					952.6							
						295.5						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							550.2					
								740.5				
									1652.2			
										1779.5		
											1489.4	
												1629.8
108 N14 E25 04DCAA1	22091											
		IRR	920.5									
				565.6								
					709.2							
						721.3						
							597.9					
	58753											
								552.8				
									819.6			
										1459.5		
											1380.0	
												2001.5
108 N14 E25 04DDB 1	22091											
			30.3									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E25 05AADD1	51014		903.7									
				188.9								
					335.8							
						483.6						
							500.1					
								652.3				
									296.3			
										891.5		
											644.4	
												758.6
108 N14 E25 06CCCC1	38330	IRR	738.7									
				532.7								
					825.8							
						260.5						
							411.8					
								1038.1				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									1337.1			
										1015.7		
											1220.2	
												1209.7
108 N14 E25 06DDDD1	29291											
	51768											
		IRR	1736.6									
				692.5								
					456.7							
						733.5						
							167.7					
								485.2				
									1438.0			
										1379.6		
											1510.6	
												1266.9
108 N14 E25 07BAAA1	45288											
		IRR	691.0									
				719.6								
					637.7							
						623.9						
							302.4					
								396.9				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									637.8			
										943.2		
											975.5	
												806.8
108 N14 E25 08ADDC1	18735											
	27943											
		IRR	1441.7									
				500.8								
					938.7							
						375.7						
							165.3					
								430.4				
									829.7			
										1184.2		
											772.5	
												920.5
108 N14 E25 07DDDD1												
		IRR	2092.9									
				447.8								
					840.1							
						562.2						
							513.0					
								1032.1				
									808.6			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										1457.2		
											1289.9	
												1157.7
108 N14 E25 08DCCC1	18872											
	28619											
		IRR	1504.8									
				281.0								
					845.9							
						586.4						
							524.4					
								496.8				
									1530.4			
										1498.8		
											1414.6	
												1082.6
108 N14 E25 09DDDD1	19840											
	19839											
	19838											
		IRR	863.1									
				144.1								
					206.2							
						101.1						
							362.0					
								130.2				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									824.7			
										935.3		
											577.6	
												0.0
108 N14 E25 09DDDD2		IRR									383.7	
		IRR										697.7
108 N14 E25 10ADCC1	59760											
	59761	IRR	1916.6									
				284.7								
					191.5							
						54.7						
							0.0					
								190.1				
									1034.6			
										907.7		
											1042.2	
												1016.5
108 N14 E25 10ADDD1	60550											
		IRR	189.8									
								0.0				
									359.3			
										832.8		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											611.9	
												763.7
108 N14 E25 10CBBB1	48730											
		IRR	992.9									
				226.6								
					218.1							
						198.0						
							115.8					
								116.5				
									933.7			
										897.5		
											901.7	
												1126.4
108 N14 E25 10CCDD1	28066											
		IRR	1375.3									
				370.6								
					325.3							
						58.8						
							74.9					
								240.4				
									1012.0			
										2041.8		
											1800.6	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												1785.0
108 N14 E25 12AABA	26311		2089.8									
				1182.1								
					1250.8							
						1192.6						
							1607.7					
								2100.5				
									2495.0			
										2061.3		
											1600.7	
												2041.2
108 N14 E25 14DD	23356		0.0									
108 N14 E25 15ACBB1	58758											
	58759											
			1566.8									
				242.9								
					341.3							
						163.8						
							0.0					
								355.6				
									604.1			
										1589.4		
											1698.5	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												1505.0
108 N14 E25 15CDCC3	18925	IRR	885.5									
				230.1								
					313.2							
						201.2						
							198.2					
								0.0				
									312.2			
										983.4		
											795.7	
												1224.4
108 N14 E25 15DBBB1			523.9									
				37.4								
					29.6							
						3.4						
							36.3					
								125.7				
									154.6			
										856.8		
											956.1	
												0.0

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N14 E25 16CDBB1	27929											
		IRR	1650.1									
				1507.0								
					1457.0							
						338.8						
							527.6					
								332.8				
									412.8			
										60.6		
											151.8	
												133.9
108 N14 E25 16CDBB2										631.9		
											1477.6	
												1349.7
108 N14 E25 16DDCD1	18672											
		IRR	377.0									
				22.2								
					4.1							
						0.0						
							10.8					
								29.1				
									64.3			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										480.2		
											0.0	
												0.3
108 N14 E25 16DDCD2		IRR	220.3									
				332.1								
					408.6							
						400.8						
							385.5					
								0.0				
									614.7			
										39.2		
											0.0	
												16.1
108 N14 E25 21DBDD												
108 N14 E25 21DC			0.0									
108 N14 E25 22ABBB1										0.0		
											4.1	
												15.2
108 N14 E25 25BDA 1	18934	IRR	318.6									
				32.6								
					8.0							
						22.9						
							0.0					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
								56.1				
									549.5			
										110.4		
											268.8	
												206.7
108 N14 E25 25CC												0.0
108 N14 E25 25CC	58105		0.0									
108 N14 E25 27ACCD1	57865		0.0									
108 N14 E25 27ACDC1	57866											
	57867											
		IRR	736.0									
				29.0								
					51.8							
						58.9						
							72.3					
								193.5				
									364.3			
										660.5		
											763.8	
												1024.5
108 N14 E25 27BAAB1	30169											
		IRR	1150.8									
				35.7								
					6.0							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						85.7						
							101.1					
								321.9				
									277.9			
										479.5		
											617.9	
												545.8
108 N14 E25 27BCDD1	60704											
		IRR	581.9									
				71.2								
					42.0							
						106.0						
							34.6					
								34.1				
									810.3			
										1381.9		
											1469.6	
												1561.2
108 N14 E25 27CCDC	60013T											
108 N14 E25 29ACAC	23913											
108 N14 E25 29DCBB	20698											
		IRR							3.8			
										6.1		
											12.3	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												6.1
108 N14 E25 31DB	49425											
108 N14 E25 33AACA	36632											
	23832											
108 N14 E25 33ADDC1	36633	P										
	23833											
					0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										1.0		
											0.0	
												0.0
108 N14 E25 33ADDD2		P					96.1					
								91.5				
									86.7			
										112.1		
											108.5	
												120.8
108 N14 E25 33BA	57079		0.0									
108 N14 E25 33CDD1	48958											
	56856											
		IRR	935.1									
				201.2								
					393.6							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						438.6						
							166.1					
								352.7				
									869.8			
										114.1		
											183.5	
												234.9
108 N14 E25 33CDCD2												
		IRR								1513.4		
											1205.3	
												1042.3
109 N14 E25 34BCA2	18986											
		IRR	1020.8									
				501.3								
					680.5							
						670.5						
							615.3					
								699.8				
									573.8			
										782.9		
											898.1	
												773.8
108 N14 E26 03ACAA1	56279											
		IRR	25.0									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				26.8								
					10.3							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E26 03ACDB1	56281											
		IRR	232.6									
				175.6								
					80.2							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E26 03DBDD1	17660											
		IRR	143.9									
				125.0								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					172.4							
						100.9						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E26 13CC	46709		0.0									
108 N14 E26 14BCAA2	56280											
		IRR	786.2									
				728.0								
					552.0							
						539.7						
							280.8					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E26 15AACC1	17364											
		IRR	99.9									
				132.3								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					70.0							
						75.7						
							17.4					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N14 E26 17CD	33521		0.0									
108 N14 E26 18BACA1	20821	IRR										
	33521											
	50706											
	50707											
			536.6									
				0.0								
					0.0							
						0.2						
							23.9					
								0.1				
									38.9			
										30.4		
											70.3	
												36.1
108 N14 E26 18BACA2	50707	FISH										
			601.3									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				547.1								
					1998.5							
						1654.4						
							1345.3					
								2030.8				
									1790.7			
										2077.1		
											1937.5	
												1850.2
108 N14 E26 18BACD1	50706	FISH										
			145.7									
				935.0								
					148.0							
						117.3						
							0.0					
								144.0				
									377.3			
										0.0		
											1.0	
												0.0
108 N14 E26 18BDCB1	50704	FISH										
			1302.3									
				1167.9								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
					609.9							
						996.3						
							1149.8					
								643.2				
									1235.2			
										1397.3		
											1290.9	
												1769.4
108 N14 E26 18BDCB2	64646	P										
			19.1									
				13.5								
					11.5							
						14.6						
							11.7					
								12.0				
									10.8			
										11.8		
											12.1	
												8.0
108 N14 E26 18CABC1	50703	FISH										
			178.5									
				640.7								
					1444.9							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						1173.5						
							551.8					
								595.9				
									1627.4			
										897.2		
											902.6	
												393.4
108 N14 E26 18CACB1	50702	FISH										
			2398.3									
				1492.5								
					335.0							
						1233.9						
							2189.2					
								1730.1				
									366.8			
										1259.6		
											1196.6	
												1920.2
108 N14 E26 19CB 01											0.0	
												5.8
108 N14 E26 19CB 02												0.0
108 N14 E26 19DD	31286		0.0									
108 N14 E26 20BAA 1	33521											
			663.0									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				0.0								
					276.9							
						609.1						
							554.7					
								3.1				
									1207.7			
										326.9		
											274.3	
												0.0
108 N14 E26 22AAD1	16034											
	30447											
		IRR	475.6									
				401.1								
					431.9							
						380.9						
							342.3					
								375.8				
									490.5			
										474.2		
											399.9	
												356.3
108 N14 E26 22BDCC1	29299											
		IRR	557.5									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
				474.0								
					511.5							
						433.0						
							387.5					
								0.0				
108 N14 E26 22BDCC2		IRR						463.6				
									917.0			
										771.7		
											803.4	
												693.6
108 N14 E26 23BCCC			0.0									
108 N14 E26 23CCAB	17065		0.0									
108 N14 E26 23CDAB	28547											
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
108 N14 E26 23CDCC	47116		0.0									
108 N14 E26 26ADCC1	21496											
		IRR	624.3									
				687.2								
					723.8							
						414.4						
							395.1					
								403.4				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									321.1			
										0.0		
											0.0	
												0.0
108 N14 E26 26BDDD	15946								0.0			
										33.0		
											23.6	
												19.2
108 N14 E26 26CCDD1	25916											
		IRR	640.4									
				720.4								
					716.4							
						702.5						
							727.4					
								728.4				
									457.3			
										809.2		
											886.1	
												707.4
108 N14 E26 29DCAA1	27839											
		IRR	915.0									
				373.0								
					835.6							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

[illegible]

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
											504.2	
												804.9
108 N14 E26 31DCCC2	18806											
		IRR	1239.2									
				0.0								
					0.0							
						340.0						
							2239.1					
								164.5				
									522.5			
										1077.4		
											916.6	
												1065.5
108 N14 E26 32ADCD2	19661											
	27123											
			1278.2									
				52.4								
					94.3							
						219.0						
							173.7					
								586.6				
									526.2			
										1501.2		
											1393.4	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
108 N14 E26 32BCCC3	18712											908.3
		IRR	847.8									
				0.0								
					0.0							
						0.0						
							0.0					
								0.0				
									470.5			
										1400.7		
											1329.3	
												452.0
108 N14 E26 32BDDD1	19062		426.0									
				0.0								
					36.9							
						18.8						
							0.0					
								0.0				
									58.0			
										253.5		
											557.2	
												0.0
108 N14 E26 32BDDD2												
		IRR									225.1	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												134.4
108 N14 E26 32DCCB1	30990											
		IRR	931.0									
				0.0								
					17.9							
						0.9						
							1.3					
								0.2				
									171.7			
										698.4		
											309.9	
												416.9
108 N14 E26 34ADAA1	18444											
	57254											
		IRR	506.4									
				181.0								
					412.6							
						224.7						
							161.0					
								201.8				
									175.9			
										120.9		
											85.1	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
												7.1
108 N14 E26 34CADD	15950					0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
108 N14 E26 34CDAA	20369								0.0			
108 N14 E26 34DBDC1	30218								0.0			
		IRR	280.4									
				219.6								
					231.1							
						0.0						
							221.6					
								0.0				
									38.2			
										1.1		
											0.0	
												0.0
108 N14 E26 34DDCA	21582		0.0									
108 N14 E26 35AD	17386		0.0									
108 N14 E26 35BCAA1	45784											
	48290											
		IRR					21.2					
								0.0				
									157.5			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
										87.4		
											91.2	
												106.2
108 N14 E26 35CBD 1	28743											
		IRR	138.4									
				159.7								
					194.6							
						193.0						
							147.3					
								0.0				
									0.0			
										0.0		
											0.0	
												0.0
108 N15 E25 15CBCC	30866											
	51547											
	56007		0.0									
108 N15 E25 16DADA	30867		0.0									
108 N15 E25 16DACD	30868											
	45184		0.0									
108 N15 E25 21CAAD1												
				0.0								
					31.9							
						6.2						
							11.1					
								10.1				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
									36.5			
										36.5		
											36.5	
												65.7
108 N15 E25 21CAAD2				0.0								
						0.0						
							0.0					
								0.0				
									0.0			
												0.0
108 N15 E25 21CAAD4				0.0								
108 N15 E25 21DDDD1				0.0								
108 N15 E25 22CCBC1	61208				0.0							
						0.0						
							0.0					
								0.0				
									0.0			
										0.0		
											0.0	
												0.3
108 N15 E25 22CCDC1	61207		0.0									
				0.0								
					13.7							
						12.1						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
							17.6					
								13.6				
									11.1			
										11.2		
											10.3	
												4.8
108 N15 E25 28AD	16546		0.0									
108 N15 E25 31AA	52506		0.0									
108 N15 E25 31BA	43320		0.0									
108 N15 E25 32AADD1	19516											
		IRR	1655.9									
				1285.4								
					1362.5							
						1345.7						
							1131.5					
108 N15 E25 32AADD2												
		IRR						1792.1				
									1946.3			
										3242.1		
											1913.9	
												1930.2
108 N15 E25 34ABDD1	30192											
		IRR	746.9									
				176.5								
					602.2							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2003, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	SITE USE	CALENDAR YEAR GROSS PUMPAGE BY SITE (ACRE-FEET)									
			1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
						70.4						
							144.3					
								490.8				
									541.7			
										665.6		
											690.0	
												426.9
END OF FILE												
	1994199519961997199819992000200120022003											
	TOTALS:123,66341,44151,30243,88941,46649,28084,220116,555115,216101,033											
ESTIMATED TOTAL ACRES:			48,832									
1994-2003 AVG PUMPAGE:			76,806 AF									
AVERAGE WATER APPLIED:			1.57 FT									

APPENDIX A

Local site numbers or well locations in Nevada are used to locate ground-water data sites (wells or springs) by hydrographic areas and by the official rectangular subdivision of the public lands with reference to the Mt. Diablo base line and meridian. Nevada has been divided into 14 hydrographic regions or major basins and approximately 250 individual hydrographic areas or valleys. The classification is used to compile information pertaining to water resources in Nevada. The local site number uses as many as 19 digits to locate the site by hydrographic area, township, range, section, and section subdivision.

The first segment of the local site number specifies the hydrographic area as defined by F. Eugene Rush, United States Geological Survey, WRD, Carson City, Nevada. The remainder of the number specifies the township north or south of the Mt. Diablo base line, the range east of the Mt. Diablo meridian, the section, and the subdivision of the section. Sections are divided into quadrants labeled counterclockwise from upper right as A, B, C, and D. Each quadrant is then similarly subdivided up to as many as three times, depending on the accuracy of available maps; thus each section of about 640 acres may be subdivided into tracts approximately 330 feet on a side containing about 2.5 acres. Lettered quadrants are read from left to right, with the largest subdivision on the left. Sites within the smallest subdivision used are numbered sequentially with 1 digit. As an example, a well in Mason Valley (hydrographic area 108) located within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 6, Township 13 North, Range 26 East, would have the number 108 N13 E26 06DDAA1. A second well within the same 2.5-acre tract would be numbered 108 N13 E26 06DDAA2.

APPENDIX B

LIMITATIONS OF STREAM GAGING IN TRAPEZOIDAL CONCRETE DITCHES

Discharge measurements made in trapezoidal concrete ditches using the current meter method tended to underestimate discharge by about 9% due to a systematic error in measuring the depth of the water along the sloping sides of the ditches. The error occurred because a 0.3-foot diameter disk on the bottom of the top-setting rod used to measure depth prevented an accurate depth measurement at the location where the *velocity measurement* was made. Discharge adjusted for this error was recalculated for ten randomly selected measurement sites in trapezoidal concrete ditches. The range in underestimation of depths along the sloping sides of the ditches ranged from 0.09 feet to 0.15 feet and produced a resulting underestimation in discharge that ranged from 5% to 16%. The data in this report were not adjusted.

APPENDIX C

FIELD METHODS USED IN DETERMINING WELL DISCHARGE

TOTALIZING FLOW METERS (M)

If a water well is equipped with a functioning flow meter in the discharge line, the flow rate in gallons per minute or cubic feet per second is determined by noting two exact meter values on the totalizer clock and the exact times of the reading. The difference in values divided by the elapsed time provides the calculated flow rate. As wide a time interval as practical is used to help average out any variations in the well discharge.

STREAM GAGING (G)

When other methods are impractical or not possible, and the open discharge is to an irrigation ditch, the flow rate is determined by stream gaging with a pygmy meter. In cases where multiple flows are involved from other wells or surface water sources, all of the flow rates necessary to isolate the well discharge are made by stream gaging or weirs. In the case of earthen channels the flow rate may be slightly high due to the soft channel bottoms, but this is probably offset by some of the flow rate being lost to channel leakage. In concrete trapezoidal ditches, the values gaged may be slightly low due to the size of the footpad of the pygmy meter and rod assembly. (See Appendix B)

CALIFORNIA PIPE METHOD (CPM)

When the open discharge of the well is through a less-than full-flowing pipe, the distance is measured from the inside top of the pipe to the top of the water surface, and the inside pipe diameter is recorded. The equation used to determine the flow rate assumes the discharge pipe is level, and this is noted in the field. If the pipe is tilted slightly up the calculated flow rate will be too high because the measured distance to the top of the water surface will be too small, i.e., the pipe would appear more full than it would be if level. The method tends to be more accurate if the depth of water in the pipe is less than or closer to half the pipe diameter. If the pipe is too far off level or the pipe too full, the measurement is made and usually later discarded and another method is used to determine the flow. In many cases though this method proves quite accurate when compared to other measurements.

OTHER TRAJECTORY METHODS (X, Y) or (X @ Y=12)

The X, Y method for estimating flows in the field is based on the physics of the influence of gravity on the trajectory of a particle of water. The horizontal distance (X) is measured from the end of the full pipe open discharge to the center of the stream of water where it contacts the receiving pool and is used together with the vertical distance (Y) from the centerline of the discharge pipe to the surface of the receiving pool. These field estimates give accurate results when compared to other methods at the same site. A variation of this method uses the distance (X) from the end of the discharge pipe to where the vertical distance (Y) from the top of the inside of the pipe to the top of the water surface is an even value, such as 12 inches, also gives good estimates of discharge. In both cases the computed discharge is more accurate when the discharge pipe is level; a pipe sloping upward results in an overestimated flow rate and a pipe sloping downward results in an underestimated flow rate.

WEIRS

Sharp crested 90° V-notch and rectangular weirs are used to determine well discharge rates where the particular site is set up with conveniently sized head gates to fit the weir. At times the head gate itself is used with boards and tarp to achieve a clean drop of water on the downstream side; a standard equation for broad or sharp crested weirs is used to determine the estimated discharge of the well. This method is best used when the water does not have too far to back up before reaching a steady state of flow over the weir.

PARSHALL FLUMES

Parshall flumes are used when available and properly installed.