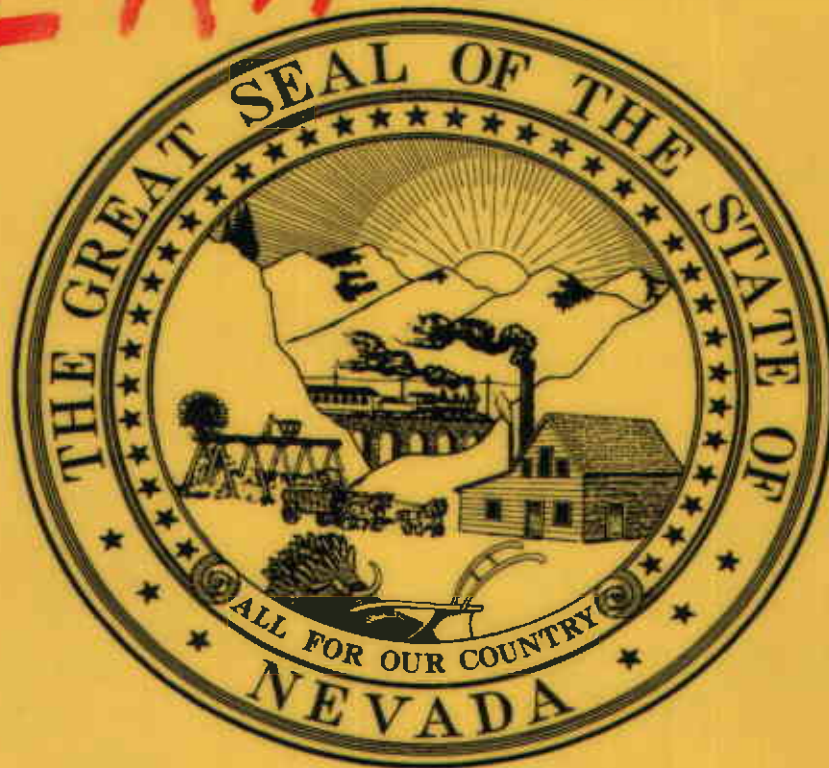


**ESTIMATED ANNUAL GROUND-WATER PUMPAGE
1994 - 2001
SMITH VALLEY AND MASON VALLEY
LYON COUNTY, NEVADA.**

CERT. SECTION



**Department of Conservation and Natural Resources
Division of Water Resources
Hugh Ricci P.E. - State Engineer**

*Compiled by Thomas K. Gallagher P.E.
Senior Ground Water Engineer
June, 2002*

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FOREWORD

This report is the latest 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 Division's Engineering staff, who has contributed extensively and has made this work possible. Thanks also to Ken Spooner, the Walker River Irrigation District and Chief Deputy Water Commissioner Roger Bezayiff. 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.

ESTIMATED GROUND WATER PUMPAGE
1994 – 2001
SMITH VALLEY AND MASON VALLEY
LYON COUNTY, NEVADA

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 updates 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 5.22, 6.67 and 9.88 inches respectively. The monthly and annual precipitation data for these three sites are available at Western Regional Climate Center's website <http://wrcc.sage.dri.edu/> (Desert Research Institute Western Regional Climate Center unpublished data).

Stream flow

The discharge or runoff of the West Walker River at Hoye Bridge, near Wellington, Nevada has a 1910-2000 average of 182,300 AF. The West Walker River at Wilson Canyon, near Hudson, Nevada has a 1915-2000 average of 147,000 AF. The East Walker River above Strosnider Ditch near Mason, Nevada has a 1948-2000 average of 114,300 AF. The Walker River outflow from Mason Valley near Wabuska, Nevada has a 1902-2000 average of 124,700 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-00-1). 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 increases in both valleys reflect 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.

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. Consecutive meter readings in a known time interval while the well was pumping were recorded and expanded to give the elapsed units per day on the electric meter. Generally, the electric units per day stay 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.

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 derived 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 annual pumpage includes data for the years 1994 – 2001. 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 from what was in previous reports, due to more accurate estimates 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. Continued study is required to determine if and by how much ground water pumpage may change with changes in surface water supply in wetter or drier years. With sufficient data collected over a number of years, a relationship may develop that will allow estimates of ground water pumpage for years prior to 1994.

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 34,500 DATE: 2001

PERENNIAL YIELD, AFY 17,000

SYSTEM YIELD, AFY 62,000

REFERENCE USGS BULLETIN 43

COMMITTED GROUND WATER RESOURCE, AFY..... 59,458 DATE: 1990

IRRIG: 54,348 STOCK: 610 MUN, QM: 183

MINING: 1,698 COMM: 2,491 IND: 43 OTHER: 85

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. 1159 - WATER METERS REQUIRED DATE: 02/01/2000

COMMENTS: UPPER PORTION OF THIS HYDROGRAPHIC AREA LIES WITHIN
CALIFORNIA

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 113,000 DATE: 2001
PERENNIAL YIELD, AFY 25,000
SYSTEM YIELD, AFY 100,000
REFERENCE USGS BULLETIN 43

COMMITTED GROUND WATER RESOURCE, AFY 149,175 DATE: 1990
IRRIG: 119,776 STOCK: 316 MUN, QM: 2,930
MINING: 7,658 COMM: 146 IND: 13,347 OTHER: 5,002

PUBLISHED REPORTS: USGS BULLETIN SERIES NO. 43

STATE ENGINEER'S ORDERS:

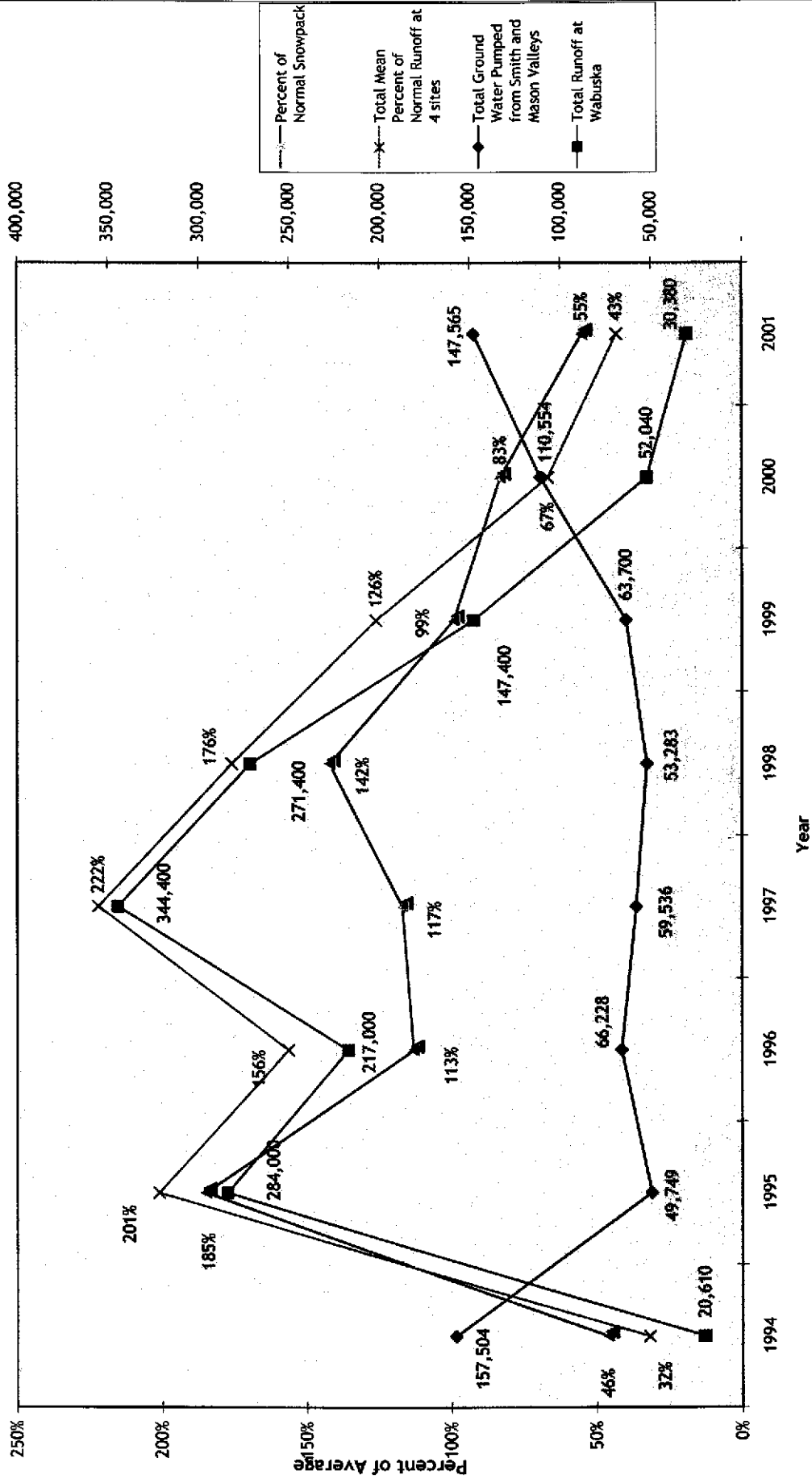
NO. 627 - DESIGNATION OF BASIN DATE: 01/20/70
NO. 691 - AMENDED DESIGNATION DATE: 09/07/77
NO. 1160 - WATER METERS REQUIRED DATE: 02/01/2000

COMMENTS: UPPER PORTION OF THIS HYDROGRAPHIC AREA LIES WITHIN
CALIFORNIA

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

	1994	1995	1996	1997	1998	1999	2000	2001
SMITH	33,599	10,562	17,840	16,315	13,926	18,276	29,270	34,492
MASON	123,905	39,187	48,387	41,955	38,293	45,424	81,283	113,074
TOTALS:	157,504	49,749	66,228	58,270	52,220	63,700	110,554	147,565

Walker River Basin April 1 Snowpack, Total Mean Percent of Normal Annual Runoff at 4 Gaged Sites, 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	AVG
HOYE BRIDGE	87,760	342,600	266,200	354,000	278,900	251,700	147,100	95,440	182,300
WILSON CANYON	49,700	284,200	216,900	313,100	215,200	202,200	113,100	72,080	147,000
STROSNIDER	32,700	223,000	180,300	233,800	213,600	141,400	76,450	53,430	114,300
WABUSKA	20,610	284,000	217,000	344,400	271,400	165,200	52,040	30,380	124,700

Annual Runoff at Four Walker River Gages and Average Annual Flow

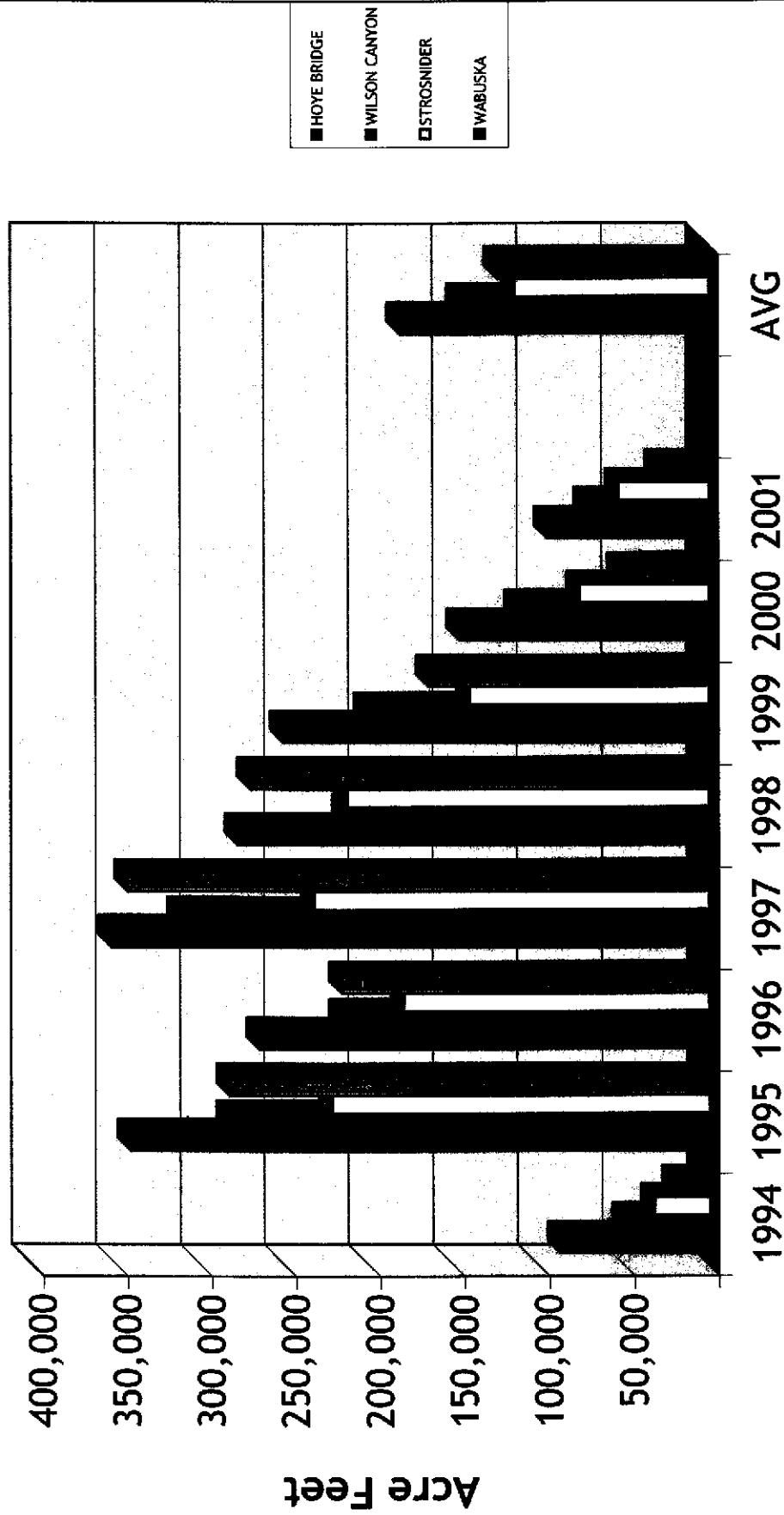


Figure 2

Percent of Average Annual Runoff
at Walker River Gages by Site

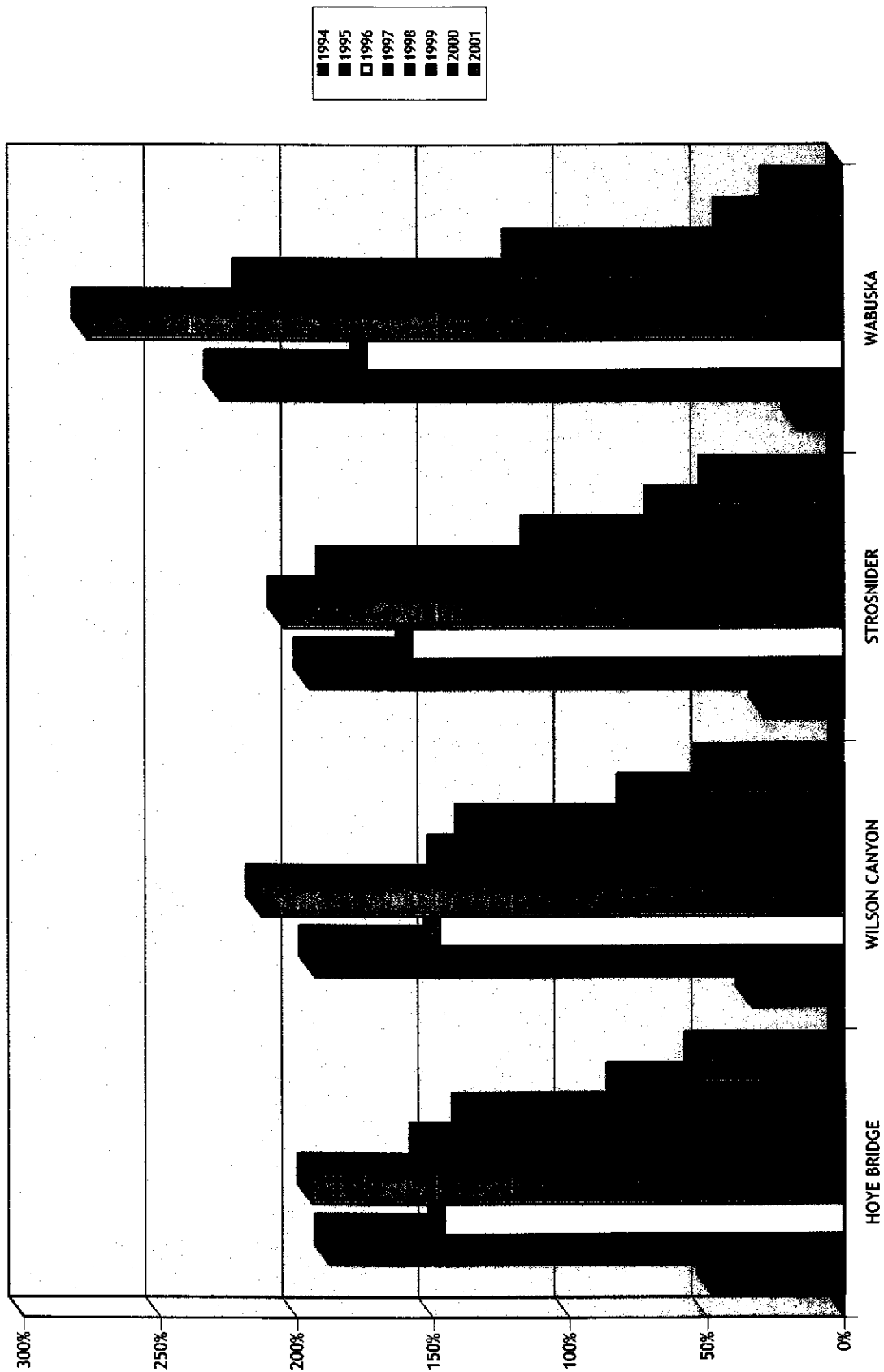


Figure 3

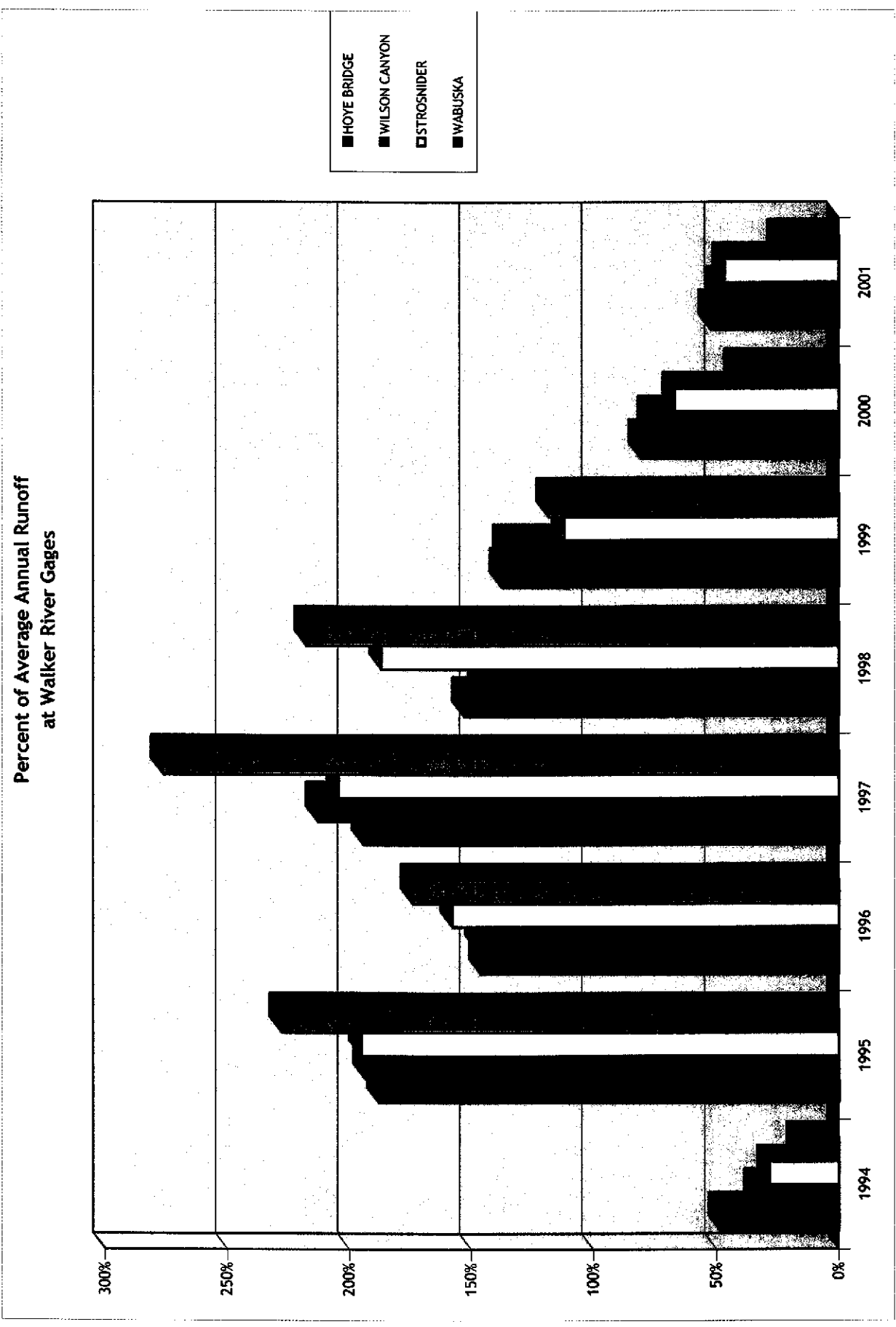
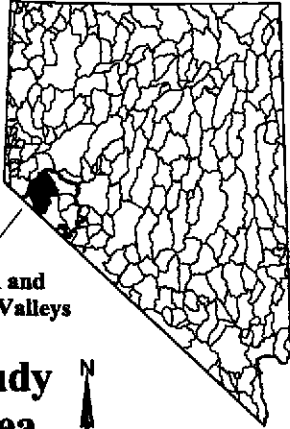


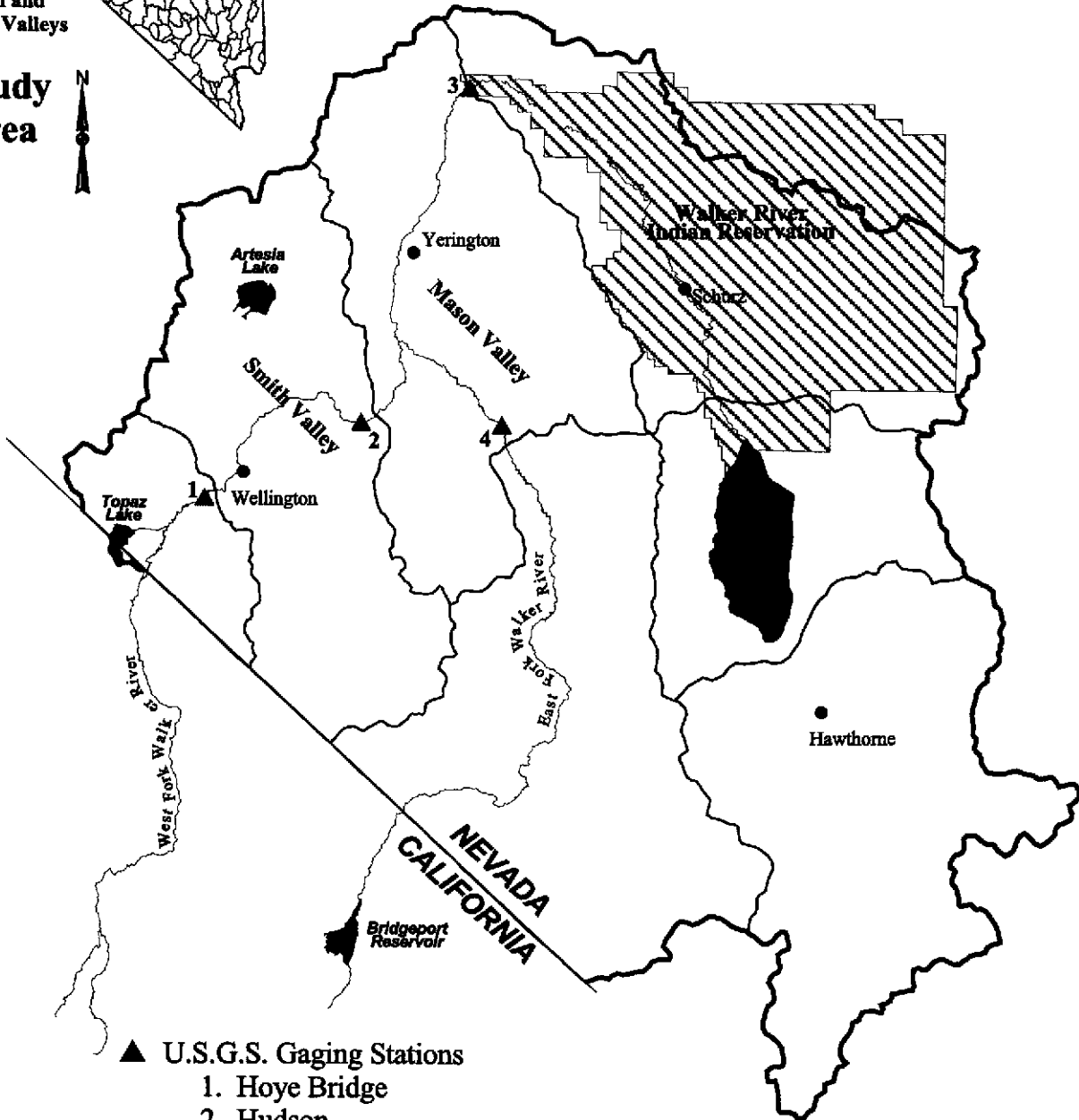
Figure 4

WALKER RIVER WATERSHED IN NEVADA



Smith and
Mason Valleys

**Study
Area**

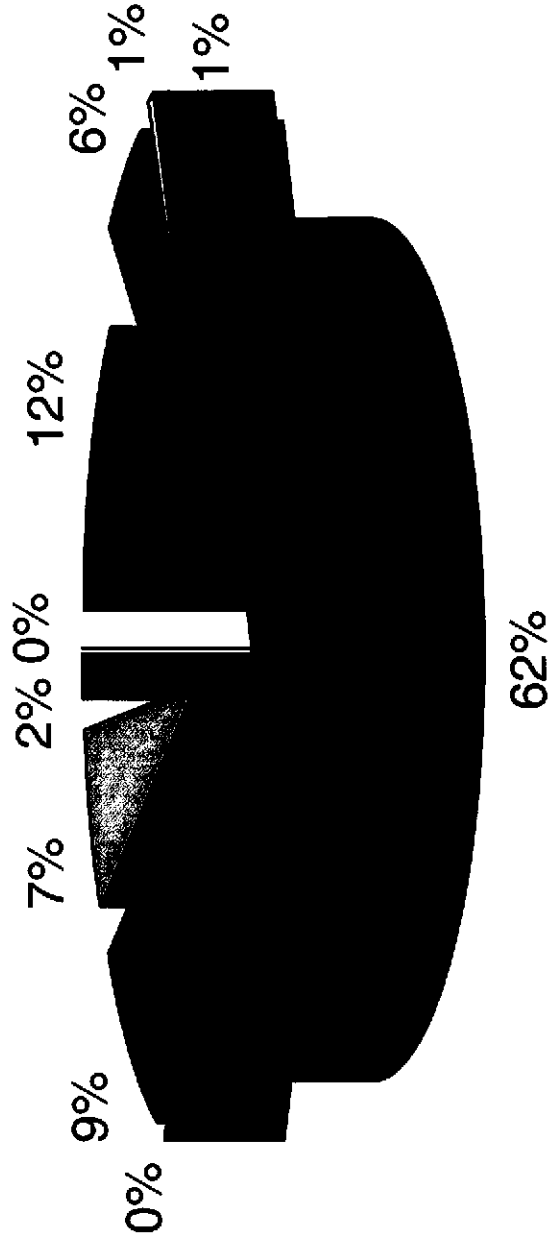


— Walker River Basin
 — Interior Basins

Office of the State Engineer of Nevada
 Division of Water Resources
 123 W. Nye Lane
 Carson City, Nevada 89706
 June 2002

DISTRIBUTION OF UNDERGROUND PERMITS BY MANNER OF USE - SMITH VALLEY, NEVADA

- COM
- DOM
- ENV
- IND
- IRR
- MUN
- QM
- REC
- STK
- WLD



DISTRIBUTION OF UNDERGROUND PERMITS BY MANNER OF USE - MASON VALLEY, NEVADA

- COM
- DOM
- ENV
- IND
- IRR
- MUN
- QM
- REC
- STK
- WLD

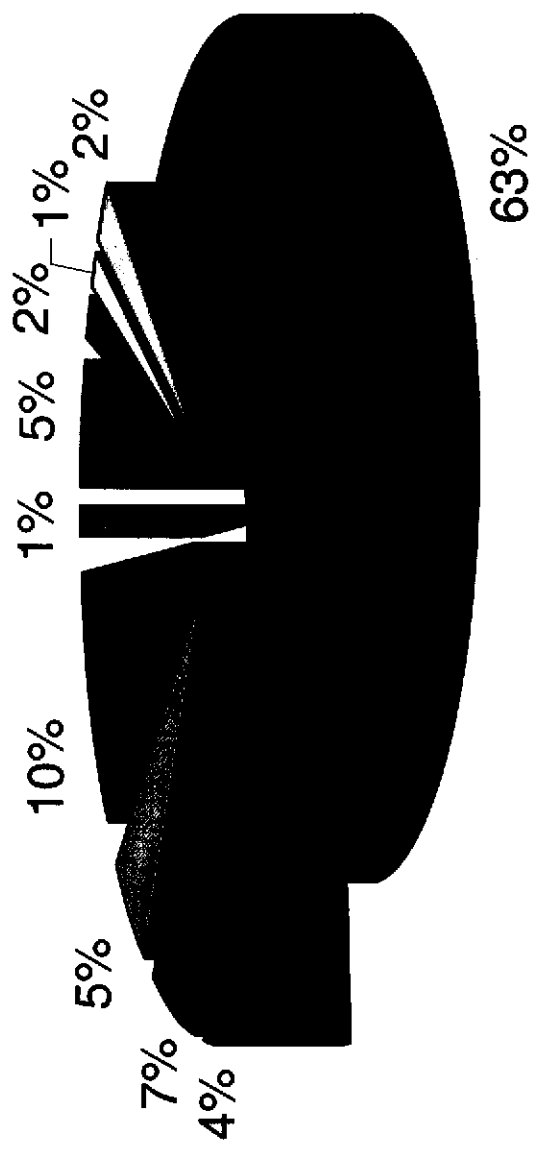


Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP TO OTHER GW	SUPP TO WALKER RIVER	DUTY (AF) (Acre-Feet)
6400	CER	SW	SE	26	13N	23E	IRR	Y	N	193.85
6401	CER	SE	SW	26	13N	23E	IRR	Y	N	90.71
6415	CER	NE	SE	26	13N	23E	IRR		N	145.14
7636	CER	SE	SE	27	13N	23E	IRR		N	380.00
7899	CER	SW	SE	27	13N	23E	IRR		N	18.70
11025	CER	SW	NW	25	13N	23E	IRR	Y	N	619.90
12156	CER	NE	NE	18	11N	24E	OTH		N	18.84
12156R01	RLP	SE	SW	15	11N	24E	DOM		N	65.00
12255	CER	NW	SE	07	11N	24E	STK		N	1.29
12262	CER	SW	SE	02	11N	23E	STK		N	10.86
12263	CER	SW	NW	36	12N	23E	STK		N	4.36
12265	CER	NW	NW	36	12N	23E	STK		N	14.49
12269	CER	SW	SE	17	11N	24E	STK		N	14.49
12270	CER	NW	SW	16	11N	24E	STK		N	14.49
12271	CER	NW	NW	09	11N	24E	STK		N	3.59
12272	CER	NE	SE	17	11N	24E	STK		N	21.73
12273	CER	NW	SE	17	11N	24E	STK		N	72.43
12275	CER	SE	SE	19	11N	24E	IRR	Y	Y	160.00
12276	CER	NE	NE	30	11N	24E	IRR	Y	Y	120.00
12277	CER	SE	NE	30	11N	24E	IRR	Y	Y	112.00
12278	CER	NW	SW	05	10N	24E	IRR		Y	144.50
12280	CER	NE	SE	07	11N	24E	STK		N	21.73
12281	CER	NE	SE	32	11N	24E	DOM		N	18.11
12301	CER	NE	NE	25	11N	23E	STK		N	1.93
12303	CER	NE	SW	25	11N	23E	STK		N	0.89
12304	CER	NE	SE	35	12N	23E	STK		N	4.36
12305	CER	SW	SW	36	12N	23E	STK		N	4.82
12306	CER	NW	SE	19	11N	24E	IRR		Y	25.30
12307	CER	SE	SE	26	11N	23E	STK		N	1.20
12308	CER	SW	SW	25	11N	23E	DOM		N	3.22
12309	CER	NW	NW	31	11N	24E	STK		N	2.24
12321	CER	NW	NE	18	11N	24E	IRR		Y	119.57
12322	CER	SW	SE	07	11N	24E	IRR		Y	54.35
12323	CER	NE	SE	19	11N	24E	DOM		N	3.22
12324	CER	NE	NE	19	11N	24E	STK		N	31.86
12325	CER	SE	NE	19	11N	24E	DOM		N	3.22
12339	CER	NE	SE	19	11N	24E	IRR		Y	12.00
12340	CER	SE	NE	18	11N	24E	IRR		Y	38.87
12341	CER	NW	SE	19	11N	24E	STK		N	0.74
12342	CER	NW	SW	19	11N	24E	STK		N	4.36
12343	CER	NE	SE	26	11N	23E	IRR		Y	28.01
12344	CER	NW	NE	34	12N	23E	STK		N	14.49
12345	CER	SW	NE	19	11N	24E	STK		N	1.44
12346	CER	NW	NE	19	11N	24E	STK		N	1.44
12347	CER	NE	SE	25	11N	23E	STK		N	6.72
12348	CER	NW	SE	25	11N	23E	STK		N	6.72
12352	CER	NE	SE	19	11N	24E	DOM		N	1.99
12371	CER	NW	SW	20	11N	24E	DOM		N	0.71
12372	CER	SW	NE	35	11N	23E	IRR		Y	100.88
12373	CER	NE	SE	18	11N	24E	STK		N	1.66
12374	CER	NW	NE	29	11N	24E	IRR		Y	32.59

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
12375	CER	NE	SW	24	11N	23E	STK		N	11.20
12376	CER	NE	NE	26	11N	23E	STK		N	2.24
12377	CER	NW	NE	26	11N	23E	STK		N	2.24
12378	CER	SW	NE	36	11N	23E	STK		N	2.46
12379	CER	NW	SW	20	11N	24E	COM		N	6.91
12398	CER	SW	NW	19	11N	24E	STK		N	11.57
12399	CER	SE	NE	25	11N	23E	DOM		N	3.22
12465	CER	SW	NE	22	12N	23E	STK		N	18.11
12466	CER	SE	SE	22	12N	23E	STK		N	28.97
12575	CER	SW	SE	03	11N	23E	IRR	Y	Y	102.00
12651	CER	SW	SE	14	12N	23E	IRR		Y	564.80
12782	CER	NW	SE	24	11N	23E	IRR		Y	120.00
13344	CER	SW	SW	13	12N	23E	IRR		Y	9.87
13494	CER	SE	SW	04	10N	24E	IRR		Y	792.00
14013	CER	SW	NW	20	11N	24E	IRR		N	10.60
14818	CER	NW	SE	29	11N	24E	IRR		Y	352.00
14987	CER	SW	NW	09	10N	24E	IRR		Y	1,172.00
15572	CER	NW	SE	20	11N	24E	DOM		N	3.22
16440	CER	NW	NW	03	10N	24E	IRR		Y	660.48
16477	CER	SE	NE	01	10N	23E	IRR		Y	907.00
16628	CER	SE	NW	36	12N	23E	IRR	Y	Y	695.00
16629	CER	NE	NE	35	12N	23E	IRR	Y	Y	92.30
16629R01	RLP			34	11N	23E	DOM		N	20.20
16798	CER	NW	SW	24	12N	23E	IRR		Y	858.88
16824	CER	NW	NE	23	12N	23E	IRR	Y	Y	129.00
16825	CER	NW	NE	23	12N	23E	IRR	Y	Y	16.13
16826	CER	NE	SE	26	12N	23E	IRR		Y	48.36
16827	CER	SE	SW	25	12N	23E	STK		N	0.74
17755	CER	SE	NE	13	11N	23E	IRR		Y	60.00
17756	CER	NW	NW	18	11N	24E	IRR		Y	80.00
18313	CER	SW	SE	35	12N	23E	IRR		Y	533.64
18327	CER	NE	SW	13	11N	23E	IRR		Y	186.00
18368	CER	SW	SE	36	12N	23E	IRR	Y	Y	1,328.00
18435	CER	NW	NE	20	10N	24E	IRR		N	1,401.40
18680	CER	SE	SE	07	10N	24E	IRR		Y	1,200.00
18689	CER	SW	NE	34	12N	23E	IRR		Y	640.00
18804	CER	NE	NE	27	12N	23E	IRR		Y	1,600.00
18822	CER	NW	NW	02	11N	23E	IRR		Y	1,542.00
18879	CER	NE	NW	09	10N	24E	IRR		Y	1,148.00
18938	CER	SW	NW	30	11N	24E	IRR	Y	Y	2,052.00
18953	CER	SW	SE	28	12N	23E	IRR		Y	800.00
18990	CER	NW	NW	23	11N	23E	IRR		Y	292.00
19102	CER	SE	NE	18	11N	24E	IND		N	14.48
19600	CER	NW	NW	11	11N	23E	IRR		Y	1,101.40
19602	CER	SW	SW	31	11N	24E	IRR		Y	760.36
19919	CER	NW	SW	36	11N	23E	IRR		Y	26.40
19983	CER	NW	NW	32	11N	24E	IRR		Y	1,264.00
20014	CER	SE	NW	20	10N	24E	IRR		N	1,347.60
20351	CER	SW	NE	10	11N	23E	IRR		Y	850.36
20491	CER	SW	SE	03	11N	23E	IRR	Y	Y	650.00
20977	CER	NW	NW	02	10N	23E	IRR		Y	160.00

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP TO OTHER GW	SUPP TO WALKER RIVER	DUTY (AF) (Acre-Feet)
21277	CER	NW	SW	22	10N	24E	STK		N	0.74
21279	CER	SW	SW	15	11N	23E	IRR	Y	Y	717.20
22904	CER	SW	NE	16	10N	24E	IRD		N	601.60
22936	CER	NE	NW	34	12N	23E	IRR		Y	1,970.27
23162	CER	NW	SW	26	12N	23E	STK		N	22.40
23191	CER	NW	NW	13	11N	23E	IRR		Y	165.60
23521	CER	SW	NE	10	11N	23E	IRR		Y	216.00
23627	CER	NE	NW	21	10N	24E	IRR		N	624.00
23667R01	RLP	NW	NE	28	11N	24E	DOM		N	36.36
23800	CER	SE	SE	02	11N	23E	IRR		Y	24.00
24347	CER	SW	SW	15	11N	23E	COM	Y	N	1,968.72
24815	CER	SE	NE	02	11N	23E	IRR		Y	628.00
25347	CER	SW	NW	12	11N	23E	IRR		N	240.24
25374	CER	SE	SW	09	10N	24E	IRD		N	582.44
25374R01	RLP	SE	SW	09	10N	24E	DOM		N	22.22
25374R02	RLP	SE	SW	09	10N	24E	DOM		N	14.14
25374R03	RLP	SE	SW	09	10N	24E	IRR		N	10.10
25441	CER	SW	SW	02	11N	23E	IRR		Y	720.00
25506	CER	SE	SW	07	10N	24E	IRR		Y	650.00
25543	CER	SW	NW	12	11N	23E	IRR		N	299.96
25543R01	RLP	SW	NW	12	11N	23E	DOM		N	15.88
25690	CER	NW	SW	12	11N	23E	IRR		N	449.28
25895	CER	NE	NE	35	12N	23E	IRR	Y	Y	127.68
25895R01	RLP			34	11N	23E	DOM		N	32.32
26360	CER	SE	NW	23	11N	23E	IRR		Y	9.60
26730	CER	NW	SW	08	10N	24E	IRR	Y	Y	1,792.00
26804	CER	NE	SW	15	11N	23E	IRR		Y	1,068.00
26838	CER	SE	NE	02	11N	23E	IRR		Y	320.00
26883	CER	SW	SW	17	10N	24E	IRR		N	1,416.72
26937	CER	NW	SE	30	11N	24E	IRR		Y	36.64
27298	CER	NW	SE	13	11N	23E	IRR		Y	64.00
27317	CER	NW	SW	03	11N	23E	IRR	Y	Y	1,106.00
27704	CER	SW	SE	20	10N	24E	IND		N	43.36
28293	CER	NE	NW	18	10N	24E	IRR		N	301.20
29934	CER	SW	NE	30	13N	24E	IRR		N	608.16
29935	CER	SW	NE	30	13N	24E	IRR		N	320.00
30325	CER	NW	SE	19	13N	24E	IRR	Y	N	616.88
32742	CER	NE	SE	19	11N	24E	QM		N	3.84
33232	CER	NW	SW	08	10N	24E	IRR		Y	1,232.00
34931	CER	SE	NE	30	13N	24E	IRR		N	653.72
36524A01	CER	NW	SE	31	12N	24E	IRR	Y	N	219.30
36524A02	CER	NW	SE	31	12N	24E	IRR		N	202.32
36525A01	CER	NE	NW	31	12N	24E	IRR		N	258.96
36525A02	CER	NE	NW	31	12N	24E	IRR	Y	N	280.70
36823	CER	NE	NW	31	12N	24E	IRR	Y	N	33.68
36824	CER	NW	SE	31	12N	24E	IRR	Y	N	26.31
37028	CER	NE	SE	27	13N	23E	IRR		N	1,524.00
37029	CER	SE	NW	34	13N	23E	IRR	Y	N	723.97
37030	CER	NE	SW	25	13N	23E	IRR	Y	N	524.00
37031	CER	SE	NW	34	13N	23E	IRR	Y	N	957.60
37032	CER	SE	NW	34	13N	23E	IRR	Y	N	957.60

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
37034	CER	SE	SE	24	13N	23E	IRR	Y	N	2,030.40
40400	CER	NW	SW	12	11N	23E	IRR		N	21.72
41361	CER	NE	NW	18	10N	24E	IRR	Y	N	340.00
43318	CER	NW	NE	20	13N	24E	MM		N	39.13
43578	CER	SW	NW	21	13N	24E	STK		N	18.11
44138	CER	NE	NE	30	13N	24E	IRR	Y	N	616.88
46606	CER	SW	NW	12	11N	23E	IRR		N	11.16
46606R01	RLP	SW	NW	12	11N	23E	DOM		N	0.28
46607	CER	SW	NW	12	11N	23E	IRR		N	272.60
46607R01	RLP	SW	NW	12	11N	23E	DOM		N	15.88
46608	CER	NW	SW	12	11N	23E	IRR		N	84.14
46622	PER	NE	NE	10	11N	24E	QM		N	44.81
48597	CER		LT03	18	13N	24E	MM	Y	N	187.82
48738	CER		LT02	07	11N	24E	STK		N	40.54
48739	CER	NE	SE	07	11N	24E	STK		N	38.36
49400	CER	NE	SE	04	12N	23E	IRR	Y	N	213.16
49401	CER	NE	SE	04	12N	23E	IRR	Y	N	213.16
50311	CER	NE	SW	31	14N	24E	STK		N	26.79
50926	CER	NE	NW	13	11N	23E	IRR		Y	12.80
51546	PER	NW	SW	01	10N	23E	QM		N	133.93
51927	RFA	SW	NE	02	10N	23E	IRR		Y	0.00
51967	PER	NW	SW	01	10N	23E	REC		N	133.93
53075	PER	NW	SW	20	11N	24E	COM		N	2.88
53835	PER	NE	NE	09	11N	24E	COM		N	115.70
53836	PER	SE	NE	09	11N	24E	COM		N	115.70
53837	PER	SE	NE	09	11N	24E	COM		N	115.70
53907	PER	SW	SE	07	10N	24E	IRR		Y	17.60
54441	CER	NE	SE	22	13N	23E	STK		N	8.96
54655	CER	NW	NW	03	10N	24E	IRR		Y	151.60
55027	PER	NE	NW	31	12N	24E	IRR	Y	N	55.42
55028	PER	NE	NW	31	12N	24E	IRR	Y	N	43.30
55085	CER	NE	SE	33	11N	24E	IRR	Y	Y	65.29
55254	CER	SW	NW	02	10N	23E	COM		N	0.55
56746	CER	SW	SW	20	11N	24E	COM		N	3.22
57236	PER	NW	NE	20	10N	24E	IRR	Y	N	48.00
57237	PER	NW	NE	20	10N	24E	IRR	Y	N	80.00
57362	PER	SW	NE	09	11N	24E	COM		N	115.70
57495	CER	NW	NE	03	11N	23E	IRR	Y	Y	210.40
57771	PER	SW	SE	25	12N	23E	STK		N	11.20
57921E	PER	SW	NW	18	13N	24E	ENV	Y	N	36.21
58091E	PER	NW	SW	18	13N	24E	ENV	Y	N	72.43
58698	RFA	NW	NW	32	11N	24E	IRR		Y	0.00
58873	PER	SW	SE	32	11N	24E	IRR	Y	Y	593.60
58874	PER	SW	SE	32	11N	24E	IRR	Y	Y	1,161.24
58875	PER	NW	NE	04	10N	24E	IRR	Y	Y	753.60
58878	PER	SW	NE	32	11N	24E	IRR	Y	Y	1,934.00
58994	CER	NW	SW	12	11N	23E	IRR		N	16.80
59173	PER	NE	SW	02	10N	23E	COM		N	0.21
60037	CER	NE	SW	02	10N	23E	COM		N	8.59
60649	PER	SE	SE	02	10N	23E	COM		N	1.14
60725	PER	SW	NE	35	12N	23E	IRR	Y	Y	12.50

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
60726	PER	SW	NE	35	12N	23E	IRR	Y	Y	20.00
60814	CER	SE	SE	28	11N	24E	IRR		Y	489.01
60816	CER	NE	NW	33	11N	24E	IRR		Y	3.98
60817	CER	NE	NW	33	11N	24E	IRR		Y	636.00
60818	CER	SE	SW	27	11N	24E	IRR		Y	448.00
61183	CER	SW	NE	32	11N	24E	IRR	Y	Y	89.54
61721	PER	NE	NE	11	10N	23E	COM		N	1.57
61898	PER	SE	NE	35	12N	23E	IRR	Y	Y	84.00
61899	PER	SE	NE	35	12N	23E	IRR	Y	Y	52.50
61987	CER	NE	SE	18	10N	24E	IRR		N	20.00
62002	CER	NE	SE	27	12N	24E	STK		N	8.96
62128	PER	NE	SW	02	10N	23E	COM		N	20.00
62213	PER	NW	SW	30	11N	24E	QM		N	4.00
62214	PER	SW	SW	27	11N	24E	IRR		Y	42.00
62992	PER	NW	SW	17	10N	24E	QM		N	1.68
63302	PER	SW	SW	27	11N	24E	IRR		Y	12.00
63460	CER	SE	SE	28	11N	24E	IRR	Y	Y	4.74
63461	CER	SE	SE	28	11N	24E	IRR	Y	Y	5.26
63462	CER	SE	SE	28	11N	24E	IRR	Y	Y	40.76
63463	CER	SE	SE	28	11N	24E	IRR	Y	Y	45.24
63521	CER	SW	NE	34	12N	23E	IRR	Y	Y	48.50
63522	CER	SW	NE	34	12N	23E	IRR	Y	Y	77.60
63716	PER	NW	NE	31	11N	24E	COM		N	11.20
63781	PER	NW	SE	02	10N	23E	COM		N	1.14
64012	CER	NE	NW	34	11N	24E	IRR		Y	99.52
64013	CER	SE	SE	24	11N	23E	IRR	Y	Y	254.74
64014	CER	SE	SE	24	11N	23E	IRR	Y	Y	65.26
64035	PER	SE	SE	02	10N	23E	COM		N	2.03
64036	PER	SE	SE	02	10N	23E	COM		N	2.03
64393	CER	NW	SE	02	10N	23E	COM		N	0.87
64394	PER	NW	SE	02	10N	23E	COM		N	2.03
64437	CER	SW	NW	19	11N	24E	COM		N	0.44
64509	PER	SE	NE	28	11N	24E	IRR		Y	8.00
64537	PER	SW	NE	13	11N	23E	IRR		Y	8.00
64863	PER	SE	SE	26	11N	23E	IRR		Y	16.00
65148	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
65149	PER	NE	SE	18	10N	24E	IRR	Y	N	16.20
65150	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
65151	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
65172	CER	NE	NE	11	10N	23E	CON		N	1.45
65407	PER	SW	SE	29	10N	24E	IRR		Y	2.40
65468	PER	NE	NE	04	10N	24E	IRR		Y	20.00
65470	PER	SE	SW	05	09N	24E	IRR		N	162.02
65499	PER	SE	NE	14	12N	23E	IRR	Y	Y	98.60
65590	PER	SE	NE	14	12N	23E	IRR	Y	Y	123.50
65591	PER	SE	NE	14	12N	23E	IRR	Y	Y	123.50
66092	PER	SE	SW	27	11N	24E	IRR	Y	Y	12.50
66093	PER	SE	SW	27	11N	24E	IRR	Y	Y	20.00
66170	PER	NE	NW	33	12N	23E	IRR		Y	7.24
66209	PER	SE	SE	29	11N	24E	COM		N	2.03
66253	PER	SW	NE	05	10N	24E	IRR	Y	Y	47.78

Table 1 - Active Underground Water Rights - Smith Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
66254	PER	SW	NE	05	10N	24E	IRR	Y	Y	372.00
66255	PER	SW	NE	05	10N	24E	IRR	Y	Y	123.07
66457	PER	NW	NE	09	11N	23E	IRR	Y	Y	11.23
66458	PER	NW	NE	09	11N	23E	IRR	Y	Y	8.77
66653	PER	SE	SW	10	11N	23E	IRR	Y	Y	17.28
66737	PER	NW	NE	35	12N	23E	COM		N	20.00
66845	PER	SE	SW	10	11N	23E	IRR	Y	Y	92.00
66917	PER	NE	SE	21	11N	24E	COM		N	2.02
66918	PER	SW	NW	21	11N	24E	COM		N	2.02
66919	PER	NE	SE	21	11N	24E	COM		N	2.02
67694	PER	SE	SW	27	11N	24E	IRR	Y	Y	8.00
67889	PER	NW	NW	08	11N	24E	COM		N	0.66
68043	RFA	NE	NW	31	12N	24E	IRR		N	280.70
68151	PER	SE	SE	21	10N	24E	COM		N	162.02
68256	RFP	SE	SE	21	10N	24E	COM		N	240.00
68257	RFP	SE	SE	21	10N	24E	COM		N	93.60
68341	APP	SW	SE	21	10N	24E	COM		N	1,360.00
68457	APP	SW	SE	03	11N	23E	COM		N	0.00
68458	APP	NW	SW	21	11N	24E	COM		N	0.00
68491T	PER	NW	NW	23	11N	23E	IRR		Y	20.00
68620T	PER	SW	NE	02	10N	23E	IRR	Y	Y	0.00
68754	APP	SW	NE	36	11N	23E	IRR		Y	1,200.00
68767	APP	NE	SE	04	12N	23E	IRR		N	0.00
68768	APP	NE	SE	04	12N	23E	IRR		N	0.00
68769	APP	SE	SW	34	13N	23E	IRR		N	0.00
68770	APP	SE	SW	34	13N	23E	IRR		N	0.00
68771	APP	SE	SW	34	13N	23E	IRR		N	0.00
68772	APP	NE	SE	04	12N	23E	IRR		N	0.00
68773	APP	NE	SE	27	13N	23E	IRR		N	0.00
68774	APP	SE	NW	34	13N	23E	IRR		N	0.00
68775	APP	NE	NW	26	13N	23E	IRR		N	0.00
68776	APP	SE	NW	34	13N	23E	IRR		N	0.00
68777	APP	SE	NW	34	13N	23E	IRR		N	0.00
68778	APP	NE	NW	26	13N	23E	IRR		N	0.00
68779	APP	NE	NW	26	13N	23E	IRR		N	0.00
68780	APP	NE	NW	26	13N	23E	IRR		N	0.00
68787T	APP	SE	SE	24	11N	23E	IRR		Y	119.57
68788T	APP	SE	SE	24	11N	23E	IRR		Y	22.40
68789T	APP	SE	SE	24	11N	23E	IRR		Y	54.35
V02951	VST	NE	NW	35	12N	23E	STK		N	1.23
V04230	VST	NE	SE	07	11N	24E	STK		N	0.00
V09342	VST	NE	NE	11	10N	23E	IRR		Y	0.00

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP TO OTHER GW	SUPP TO WALKER RIVER	DUTY (AF) (Acre-Feet)
65470	PER	SE	SW	05	09N	24E	IRR		N	162.02
16477	CER	SE	NE	01	10N	23E	IRR		Y	907.00
51546	PER	NW	SW	01	10N	23E	QM		N	133.93
51967	PER	NW	SW	01	10N	23E	REC		N	133.93
20977	CER	NW	NW	02	10N	23E	IRR		Y	160.00
51927	RFA	SW	NE	02	10N	23E	IRR		Y	0.00
55254	CER	SW	NW	02	10N	23E	COM		N	0.55
59173	PER	NE	SW	02	10N	23E	COM		N	0.21
60037	CER	NE	SW	02	10N	23E	COM		N	8.59
60649	PER	SE	SE	02	10N	23E	COM		N	1.14
62128	PER	NE	SW	02	10N	23E	COM		N	20.00
63781	PER	NW	SE	02	10N	23E	COM		N	1.14
64035	PER	SE	SE	02	10N	23E	COM		N	2.03
64036	PER	SE	SE	02	10N	23E	COM		N	2.03
64393	CER	NW	SE	02	10N	23E	COM		N	0.87
64394	PER	NW	SE	02	10N	23E	COM		N	2.03
68620T	PER	SW	NE	02	10N	23E	IRR	Y	Y	0.00
61721	PER	NE	NE	11	10N	23E	COM		N	1.57
65172	CER	NE	NE	11	10N	23E	CON		N	1.45
V09342	VST	NE	NE	11	10N	23E	IRR		Y	0.00
16440	CER	NW	NW	03	10N	24E	IRR		Y	660.48
54655	CER	NW	NW	03	10N	24E	IRR		Y	151.60
13494	CER	SE	SW	04	10N	24E	IRR		Y	792.00
58875	PER	NW	NE	04	10N	24E	IRR	Y	Y	753.60
65468	PER	NE	NE	04	10N	24E	IRR		Y	20.00
12278	CER	NW	SW	05	10N	24E	IRR		Y	144.50
66253	PER	SW	NE	05	10N	24E	IRR	Y	Y	47.78
66254	PER	SW	NE	05	10N	24E	IRR	Y	Y	372.00
66255	PER	SW	NE	05	10N	24E	IRR	Y	Y	123.07
18680	CER	SE	SE	07	10N	24E	IRR		Y	1,200.00
25506	CER	SE	SW	07	10N	24E	IRR		Y	650.00
53907	PER	SW	SE	07	10N	24E	IRR		Y	17.60
26730	CER	NW	SW	08	10N	24E	IRR	Y	Y	1,792.00
33232	CER	NW	SW	08	10N	24E	IRR		Y	1,232.00
14987	CER	SW	NW	09	10N	24E	IRR		Y	1,172.00
18879	CER	NE	NW	09	10N	24E	IRR		Y	1,148.00
25374	CER	SE	SW	09	10N	24E	IRD		N	582.44
25374R01	RLP	SE	SW	09	10N	24E	DOM		N	22.22
25374R02	RLP	SE	SW	09	10N	24E	DOM		N	14.14
25374R03	RLP	SE	SW	09	10N	24E	IRR		N	10.10
22904	CER	SW	NE	16	10N	24E	IRD		N	601.60
26883	CER	SW	SW	17	10N	24E	IRR		N	1,416.72
62992	PER	NW	SW	17	10N	24E	QM		N	1.68
28293	CER	NE	NW	18	10N	24E	IRR		N	301.20
41361	CER	NE	NW	18	10N	24E	IRR	Y	N	340.00
61987	CER	NE	SE	18	10N	24E	IRR		N	20.00
65148	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
65149	PER	NE	SE	18	10N	24E	IRR	Y	N	16.20
65150	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
65151	PER	NE	SE	18	10N	24E	IRR	Y	N	63.76
18435	CER	NW	NE	20	10N	24E	IRR		N	1,401.40

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP TO OTHER GW	SUPP TO WALKER RIVER	DUTY (AF) (Acre-Feet)
20014	CER	SE	NW	20	10N	24E	IRR		N	1,347.60
27704	CER	SW	SE	20	10N	24E	IND		N	43.36
57236	PER	NW	NE	20	10N	24E	IRR	Y	N	48.00
57237	PER	NW	NE	20	10N	24E	IRR	Y	N	80.00
23627	CER	NE	NW	21	10N	24E	IRR		N	624.00
68151	PER	SE	SE	21	10N	24E	COM		N	162.02
68256	RFP	SE	SE	21	10N	24E	COM		N	240.00
68257	RFP	SE	SE	21	10N	24E	COM		N	93.60
68341	APP	SW	SE	21	10N	24E	COM		N	1,360.00
21277	CER	NW	SW	22	10N	24E	STK		N	0.74
65407	PER	SW	SE	29	10N	24E	IRR		Y	2.40
12262	CER	SW	SE	02	11N	23E	STK		N	10.86
18822	CER	NW	NW	02	11N	23E	IRR		Y	1,542.00
23800	CER	SE	SE	02	11N	23E	IRR		Y	24.00
24815	CER	SE	NE	02	11N	23E	IRR		Y	628.00
25441	CER	SW	SW	02	11N	23E	IRR		Y	720.00
26838	CER	SE	NE	02	11N	23E	IRR		Y	320.00
12575	CER	SW	SE	03	11N	23E	IRR	Y	Y	102.00
20491	CER	SW	SE	03	11N	23E	IRR	Y	Y	650.00
27317	CER	NW	SW	03	11N	23E	IRR	Y	Y	1,106.00
57495	CER	NW	NE	03	11N	23E	IRR	Y	Y	210.40
68457	APP	SW	SE	03	11N	23E	COM		N	0.00
66457	PER	NW	NE	09	11N	23E	IRR	Y	Y	11.23
66458	PER	NW	NE	09	11N	23E	IRR	Y	Y	8.77
20351	CER	SW	NE	10	11N	23E	IRR		Y	850.36
23521	CER	SW	NE	10	11N	23E	IRR		Y	216.00
66653	PER	SE	SW	10	11N	23E	IRR	Y	Y	17.28
66845	PER	SE	SW	10	11N	23E	IRR	Y	Y	92.00
19600	CER	NW	NW	11	11N	23E	IRR		Y	1,101.40
25347	CER	SW	NW	12	11N	23E	IRR		N	240.24
25543	CER	SW	NW	12	11N	23E	IRR		N	299.96
25543R01	RLP	SW	NW	12	11N	23E	DOM		N	15.88
25690	CER	NW	SW	12	11N	23E	IRR		N	449.28
40400	CER	NW	SW	12	11N	23E	IRR		N	21.72
46606	CER	SW	NW	12	11N	23E	IRR		N	11.16
46606R01	RLP	SW	NW	12	11N	23E	DOM		N	0.28
46607	CER	SW	NW	12	11N	23E	IRR		N	272.60
46607R01	RLP	SW	NW	12	11N	23E	DOM		N	15.88
46608	CER	NW	SW	12	11N	23E	IRR		N	84.14
58994	CER	NW	SW	12	11N	23E	IRR		N	16.80
17755	CER	SE	NE	13	11N	23E	IRR		Y	60.00
18327	CER	NE	SW	13	11N	23E	IRR		Y	186.00
23191	CER	NW	NW	13	11N	23E	IRR		Y	165.60
27298	CER	NW	SE	13	11N	23E	IRR		Y	64.00
50926	CER	NE	NW	13	11N	23E	IRR		Y	12.80
64537	PER	SW	NE	13	11N	23E	IRR		Y	8.00
21279	CER	SW	SW	15	11N	23E	IRR	Y	Y	717.20
24347	CER	SW	SW	15	11N	23E	COM	Y	N	1,968.72
26804	CER	NE	SW	15	11N	23E	IRR		Y	1,068.00
18990	CER	NW	NW	23	11N	23E	IRR		Y	292.00
26360	CER	SE	NW	23	11N	23E	IRR		Y	9.60

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
68491T	PER	NW	NW	23	11N	23E	IRR		Y	20.00
12375	CER	NE	SW	24	11N	23E	STK		N	11.20
12782	CER	NW	SE	24	11N	23E	IRR		Y	120.00
64013	CER	SE	SE	24	11N	23E	IRR	Y	Y	254.74
64014	CER	SE	SE	24	11N	23E	IRR	Y	Y	65.26
68787T	APP	SE	SE	24	11N	23E	IRR		Y	119.57
68788T	APP	SE	SE	24	11N	23E	IRR		Y	22.40
68789T	APP	SE	SE	24	11N	23E	IRR		Y	54.35
12301	CER	NE	NE	25	11N	23E	STK		N	1.93
12303	CER	NE	SW	25	11N	23E	STK		N	0.89
12308	CER	SW	SW	25	11N	23E	DOM		N	3.22
12347	CER	NE	SE	25	11N	23E	STK		N	6.72
12348	CER	NW	SE	25	11N	23E	STK		N	6.72
12399	CER	SE	NE	25	11N	23E	DOM		N	3.22
12307	CER	SE	SE	26	11N	23E	STK		N	1.20
12343	CER	NE	SE	26	11N	23E	IRR		Y	28.01
12376	CER	NE	NE	26	11N	23E	STK		N	2.24
12377	CER	NW	NE	26	11N	23E	STK		N	2.24
64863	PER	SE	SE	26	11N	23E	IRR		Y	16.00
16629R01	RLP			34	11N	23E	DOM		N	20.20
25895R01	RLP			34	11N	23E	DOM		N	32.32
12372	CER	SW	NE	35	11N	23E	IRR		Y	100.88
12378	CER	SW	NE	36	11N	23E	STK		N	2.46
19919	CER	NW	SW	36	11N	23E	IRR		Y	26.40
68754	APP	SW	NE	36	11N	23E	IRR		Y	1,200.00
12255	CER	NW	SE	07	11N	24E	STK		N	1.29
12280	CER	NE	SE	07	11N	24E	STK		N	21.73
12322	CER	SW	SE	07	11N	24E	IRR		Y	54.35
48738	CER		LT02	07	11N	24E	STK		N	40.54
48739	CER	NE	SE	07	11N	24E	STK		N	38.36
V04230	VST	NE	SE	07	11N	24E	STK		N	0.00
67889	PER	NW	NW	08	11N	24E	COM		N	0.66
12271	CER	NW	NW	09	11N	24E	STK		N	3.59
53835	PER	NE	NE	09	11N	24E	COM		N	115.70
53836	PER	SE	NE	09	11N	24E	COM		N	115.70
53837	PER	SE	NE	09	11N	24E	COM		N	115.70
57362	PER	SW	NE	09	11N	24E	COM		N	115.70
46622	PER	NE	NE	10	11N	24E	QM		N	44.81
12156R01	RLP	SE	SW	15	11N	24E	DOM		N	65.00
12270	CER	NW	SW	16	11N	24E	STK		N	14.49
12269	CER	SW	SE	17	11N	24E	STK		N	14.49
12272	CER	NE	SE	17	11N	24E	STK		N	21.73
12273	CER	NW	SE	17	11N	24E	STK		N	72.43
12156	CER	NE	NE	18	11N	24E	OTH		N	18.84
12321	CER	NW	NE	18	11N	24E	IRR		Y	119.57
12340	CER	SE	NE	18	11N	24E	IRR		Y	38.87
12373	CER	NE	SE	18	11N	24E	STK		N	1.66
17756	CER	NW	NW	18	11N	24E	IRR		Y	80.00
19102	CER	SE	NE	18	11N	24E	IND		N	14.48
12275	CER	SE	SE	19	11N	24E	IRR	Y	Y	160.00
12306	CER	NW	SE	19	11N	24E	IRR		Y	25.30

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP TO OTHER GW	SUPP TO WALKER RIVER	DUTY (AF) (Acre-Feet)
12323	CER	NE	SE	19	11N	24E	DOM		N	3.22
12324	CER	NE	NE	19	11N	24E	STK		N	31.86
12325	CER	SE	NE	19	11N	24E	DOM		N	3.22
12339	CER	NE	SE	19	11N	24E	IRR		Y	12.00
12341	CER	NW	SE	19	11N	24E	STK		N	0.74
12342	CER	NW	SW	19	11N	24E	STK		N	4.36
12345	CER	SW	NE	19	11N	24E	STK		N	1.44
12346	CER	NW	NE	19	11N	24E	STK		N	1.44
12352	CER	NE	SE	19	11N	24E	DOM		N	1.99
12398	CER	SW	NW	19	11N	24E	STK		N	11.57
32742	CER	NE	SE	19	11N	24E	QM		N	3.84
64437	CER	SW	NW	19	11N	24E	COM		N	0.44
12371	CER	NW	SW	20	11N	24E	DOM		N	0.71
12379	CER	NW	SW	20	11N	24E	COM		N	6.91
14013	CER	SW	NW	20	11N	24E	IRR		N	10.60
15572	CER	NW	SE	20	11N	24E	DOM		N	3.22
53075	PER	NW	SW	20	11N	24E	COM		N	2.88
56746	CER	SW	SW	20	11N	24E	COM		N	3.22
66917	PER	NE	SE	21	11N	24E	COM		N	2.02
66918	PER	SW	NW	21	11N	24E	COM		N	2.02
66919	PER	NE	SE	21	11N	24E	COM		N	2.02
68458	APP	NW	SW	21	11N	24E	COM		N	0.00
60818	CER	SE	SW	27	11N	24E	IRR		Y	448.00
62214	PER	SW	SW	27	11N	24E	IRR		Y	42.00
63302	PER	SW	SW	27	11N	24E	IRR		Y	12.00
66092	PER	SE	SW	27	11N	24E	IRR	Y	Y	12.50
66093	PER	SE	SW	27	11N	24E	IRR	Y	Y	20.00
67694	PER	SE	SW	27	11N	24E	IRR	Y	Y	8.00
23667R01	RLP	NW	NE	28	11N	24E	DOM		N	36.36
60814	CER	SE	SE	28	11N	24E	IRR		Y	489.01
63460	CER	SE	SE	28	11N	24E	IRR	Y	Y	4.74
63461	CER	SE	SE	28	11N	24E	IRR	Y	Y	5.26
63462	CER	SE	SE	28	11N	24E	IRR	Y	Y	40.76
63463	CER	SE	SE	28	11N	24E	IRR	Y	Y	45.24
64509	PER	SE	NE	28	11N	24E	IRR		Y	8.00
12374	CER	NW	NE	29	11N	24E	IRR		Y	32.59
14818	CER	NW	SE	29	11N	24E	IRR		Y	352.00
66209	PER	SE	SE	29	11N	24E	COM		N	2.03
12276	CER	NE	NE	30	11N	24E	IRR	Y	Y	120.00
12277	CER	SE	NE	30	11N	24E	IRR	Y	Y	112.00
18938	CER	SW	NW	30	11N	24E	IRR	Y	Y	2,052.00
26937	CER	NW	SE	30	11N	24E	IRR		Y	36.64
62213	PER	NW	SW	30	11N	24E	QM		N	4.00
12309	CER	NW	NW	31	11N	24E	STK		N	2.24
19602	CER	SW	SW	31	11N	24E	IRR		Y	760.36
63716	PER	NW	NE	31	11N	24E	COM		N	11.20
12281	CER	NE	SE	32	11N	24E	DOM		N	18.11
19983	CER	NW	NW	32	11N	24E	IRR		Y	1,264.00
58698	RFA	NW	NW	32	11N	24E	IRR		Y	0.00
58873	PER	SW	SE	32	11N	24E	IRR	Y	Y	593.60
58874	PER	SW	SE	32	11N	24E	IRR	Y	Y	1,161.24

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
58878	PER	SW	NE	32	11N	24E	IRR	Y	Y	1,934.00
61183	CER	SW	NE	32	11N	24E	IRR	Y	Y	89.54
55085	CER	NE	SE	33	11N	24E	IRR	Y	Y	65.29
60816	CER	NE	NW	33	11N	24E	IRR		Y	3.98
60817	CER	NE	NW	33	11N	24E	IRR		Y	636.00
64012	CER	NE	NW	34	11N	24E	IRR		Y	99.52
49400	CER	NE	SE	04	12N	23E	IRR	Y	N	213.16
49401	CER	NE	SE	04	12N	23E	IRR	Y	N	213.16
68767	APP	NE	SE	04	12N	23E	IRR		N	0.00
68768	APP	NE	SE	04	12N	23E	IRR		N	0.00
68772	APP	NE	SE	04	12N	23E	IRR		N	0.00
13344	CER	SW	SW	13	12N	23E	IRR		Y	9.87
12651	CER	SW	SE	14	12N	23E	IRR		Y	564.80
65499	PER	SE	NE	14	12N	23E	IRR	Y	Y	98.60
65590	PER	SE	NE	14	12N	23E	IRR	Y	Y	123.50
65591	PER	SE	NE	14	12N	23E	IRR	Y	Y	123.50
12465	CER	SW	NE	22	12N	23E	STK		N	18.11
12466	CER	SE	SE	22	12N	23E	STK		N	28.97
16824	CER	NW	NE	23	12N	23E	IRR	Y	Y	129.00
16825	CER	NW	NE	23	12N	23E	IRR	Y	Y	16.13
16798	CER	NW	SW	24	12N	23E	IRR		Y	858.88
16827	CER	SE	SW	25	12N	23E	STK		N	0.74
57771	PER	SW	SE	25	12N	23E	STK		N	11.20
16826	CER	NE	SE	26	12N	23E	IRR		Y	48.36
23162	CER	NW	SW	26	12N	23E	STK		N	22.40
18804	CER	NE	NE	27	12N	23E	IRR		Y	1,600.00
18953	CER	SW	SE	28	12N	23E	IRR		Y	800.00
66170	PER	NE	NW	33	12N	23E	IRR		Y	7.24
12344	CER	NW	NE	34	12N	23E	STK		N	14.49
18689	CER	SW	NE	34	12N	23E	IRR		Y	640.00
22936	CER	NE	NW	34	12N	23E	IRR		Y	1,970.27
63521	CER	SW	NE	34	12N	23E	IRR	Y	Y	48.50
63522	CER	SW	NE	34	12N	23E	IRR	Y	Y	77.60
12304	CER	NE	SE	35	12N	23E	STK		N	4.36
16629	CER	NE	NE	35	12N	23E	IRR	Y	Y	92.30
18313	CER	SW	SE	35	12N	23E	IRR		Y	533.64
25895	CER	NE	NE	35	12N	23E	IRR	Y	Y	127.68
60725	PER	SW	NE	35	12N	23E	IRR	Y	Y	12.50
60726	PER	SW	NE	35	12N	23E	IRR	Y	Y	20.00
61898	PER	SE	NE	35	12N	23E	IRR	Y	Y	84.00
61899	PER	SE	NE	35	12N	23E	IRR	Y	Y	52.50
66737	PER	NW	NE	35	12N	23E	COM		N	20.00
V02951	VST	NE	NW	35	12N	23E	STK		N	1.23
12263	CER	SW	NW	36	12N	23E	STK		N	4.36
12265	CER	NW	NW	36	12N	23E	STK		N	14.49
12305	CER	SW	SW	36	12N	23E	STK		N	4.82
16628	CER	SE	NW	36	12N	23E	IRR	Y	Y	695.00
18368	CER	SW	SE	36	12N	23E	IRR	Y	Y	1,328.00
62002	CER	NE	SE	27	12N	24E	STK		N	8.96
36524A01	CER	NW	SE	31	12N	24E	IRR	Y	N	219.30
36524A02	CER	NW	SE	31	12N	24E	IRR		N	202.32

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (AF) (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
36525A01	CER	NE	NW	31	12N	24E	IRR		N	258.96
36525A02	CER	NE	NW	31	12N	24E	IRR	Y	N	280.70
36823	CER	NE	NW	31	12N	24E	IRR	Y	N	33.68
36824	CER	NW	SE	31	12N	24E	IRR	Y	N	26.31
55027	PER	NE	NW	31	12N	24E	IRR	Y	N	55.42
55028	PER	NE	NW	31	12N	24E	IRR	Y	N	43.30
68043	RFA	NE	NW	31	12N	24E	IRR		N	280.70
54441	CER	NE	SE	22	13N	23E	STK		N	8.96
37034	CER	SE	SE	24	13N	23E	IRR	Y	N	2,030.40
11025	CER	SW	NW	25	13N	23E	IRR	Y	N	619.90
37030	CER	NE	SW	25	13N	23E	IRR	Y	N	524.00
6400	CER	SW	SE	26	13N	23E	IRR	Y	N	193.85
6401	CER	SE	SW	26	13N	23E	IRR	Y	N	90.71
6415	CER	NE	SE	26	13N	23E	IRR		N	145.14
68775	APP	NE	NW	26	13N	23E	IRR		N	0.00
68778	APP	NE	NW	26	13N	23E	IRR		N	0.00
68779	APP	NE	NW	26	13N	23E	IRR		N	0.00
68780	APP	NE	NW	26	13N	23E	IRR		N	0.00
7636	CER	SE	SE	27	13N	23E	IRR		N	380.00
7899	CER	SW	SE	27	13N	23E	IRR		N	18.70
37028	CER	NE	SE	27	13N	23E	IRR		N	1,524.00
68773	APP	NE	SE	27	13N	23E	IRR		N	0.00
37029	CER	SE	NW	34	13N	23E	IRR	Y	N	723.97
37031	CER	SE	NW	34	13N	23E	IRR	Y	N	957.60
37032	CER	SE	NW	34	13N	23E	IRR	Y	N	957.60
68769	APP	SE	SW	34	13N	23E	IRR		N	0.00
68770	APP	SE	SW	34	13N	23E	IRR		N	0.00
68771	APP	SE	SW	34	13N	23E	IRR		N	0.00
68774	APP	SE	NW	34	13N	23E	IRR		N	0.00
68776	APP	SE	NW	34	13N	23E	IRR		N	0.00
68777	APP	SE	NW	34	13N	23E	IRR		N	0.00
48597	CER		LT03	18	13N	24E	MM	Y	N	187.82
57921E	PER	SW	NW	18	13N	24E	ENV	Y	N	36.21
58091E	PER	NW	SW	18	13N	24E	ENV	Y	N	72.43
30325	CER	NW	SE	19	13N	24E	IRR	Y	N	616.88
43318	CER	NW	NE	20	13N	24E	MM		N	39.13
43578	CER	SW	NW	21	13N	24E	STK		N	18.11
29934	CER	SW	NE	30	13N	24E	IRR		N	608.16
29935	CER	SW	NE	30	13N	24E	IRR		N	320.00
34931	CER	SE	NE	30	13N	24E	IRR		N	653.72
44138	CER	NE	NE	30	13N	24E	IRR	Y	N	616.88
50311	CER	NE	SW	31	14N	24E	STK		N	26.79

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
107 N10 E23 01ADCA1	16477	270.40								
107 N10 E23 01CB1	51546		0.00							
	51967									
107 N10 E23 02ACCD1	19734		0.00							
1994		603.40	1555.67							
1995				40.49						
1996					115.52					
1997						0.00				
1998							66.25			
1999								162.00		
2000									1843.06	
2001										1951.89
107 N10 E23 02BB1	20977	40.00								
107 N10 E23 02BC1	55254		0.00							
107 N10 E23 02CA1	59173		0.00							
107 N10 E23 02CA2	60037		0.00							
107 N10 E23 02DD1	48833		0.00							
107 N10 E23 02DD2	60649		0.00							
107 N10 E23 22BA1	22446	80.00	0.00							
107 N10 E24 02ACCD1			0.00							
107 N10 E24 03BBAB1	54655									
1994		42.00	18.17							
1995				31.66						
1996					10.76					
1997						29.74				
1998							82.75			
1999								84.13		
2000									101.00	
2001										88.78
107 N10 E24 03BBDD1	16440									
1994		165.12	221.08							
1995				0.06						

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1996					25.84						
1997							8.61				
1998								22.13			
1999									180.02		
2000										301.93	
2001											339.32
107 N10 E24 04ABCA1	18661										
1994		188.40	289.70								
1995				0.00							
1996					60.22						
1997							26.58				
1998								0.00			
1999									244.45		
2000										740.57	
2001											718.59
107 N10 E24 04CDCC1	13494	198.00									
107 N10 E24 05ACDD1	66253		0.00								
	66254	93.00									
2000	66255									190.97	
2001											0.00
107 N10 E24 05CBAD1	12278	95.00									
107 N10 E24 07CDBA1	25506		0.00								
		162.50									
1994			321.98								
1995				357.81							
1996					154.03						
1997							299.07				
1998								102.41			
1999									125.73		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
										821.68	
											668.88
107 N10 E24 07DC1	53907	4.40									
107 N10 E24 07DDBA1	18680										0.00
			1626.97								
		300.00									
				12.52							
					28.82						
						0.67					
							0.52				
								197.09			
										798.66	
											517.98
107 N10 E24 08CBCA1	26730										
	33232										
			859.18								
		680.00									
				62.78							
					228.54						
						325.26					
							149.93				
								277.00			
										802.50	
											997.23
107 N10 E24 09BCBA1	14987										
	57851										
			508.95								
		396.00									
				15.03							
					43.69						
						18.64					

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
								0.03			
									1.95		
										383.46	
											1254.84
107 N10 E24 09BAC1	18879										
	SEE 14897										
1994			626.77								
		306.00									
1995				78.61							
1996					97.53						
1997						78.95					
1998							107.73				
1999								135.14			
2000									379.27		
2001											559.62
107 N10 E24 09CCDD1	25374										
1994			0.00								
		157.50									
1995				27.67							
1996					0.00						
1997						445.29					
1998							566.08				
1999								963.73			
2000									823.96		
2001											412.85
107 N10 E24 16ACCC1	22904										
1994			464.20								
		150.40									
1995				270.88							
1996					454.48						
1997						343.44					

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1998								605.80			
1999									728.36		
2000										749.89	
2001											707.51
107 N10 E24 17CCAA1	26883										
1994			2477.11								
		374.60									
1995				703.22							
1996					1361.59						
1997						993.28					
1998							799.43				
1999								1213.16			
2000									1094.40		
2001											1029.36
107 N10 E24 18BACD1	28293										
	41361										
1994			364.09								
		160.30									
1995				331.09							
1996					468.48						
1997						402.28					
1998							389.20				
1999								479.57			
2000									322.45		
2001											405.24
107 N10 E24 20ABAD1	18435										
107 N10 E24 20ABAD2	18435										
1994			729.11								
		506.50									
1995				76.61							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1996					158.76						
1997							101.29				
1998								149.78			
1999									281.09		
2000										896.61	
2001											896.61
107 N10 E24 20BDDD1	20014										
1994			292.11								
		295.70									
1995				60.05							
1996					348.75						
1997							244.64				
1998								236.97			
1999									357.07		
2000										413.34	
2001											383.63
107 N10 E24 20DCCD1	27704										
1994			36.72								
1995				20.55							
1996					7.19						
1997							28.50				
1998								73.97			
1999									16.76		
2000										7.18	
2001											
107 N10 E24 21BAAB1	23627										
	43116										
1994			208.05								
		156.00									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1995				146.72						
1996					404.54					
1997						457.97				
1998							384.39			
1999								444.00		
2000									447.28	
2001										434.20
107 N10 E24 22CB1	21277									
107 N11 E23 02ADDD1	24815		0.00							
	26838									
1994			920.85							
		237.00								
1995				650.27						
1996					507.08					
1997						430.41				
1998							373.93			
1999								366.42		
2000									230.99	
2001										475.87
107 N11 E23 02BBCC1	18822									
1994			986.25							
		385.50								
1995				0.00						
1996					217.33					
1997						0.00				
1998							0.14			
1999								164.72		
2000									565.36	
107 N11 E23 02BBCC1										0.00
2001										94.02

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
107 N11 E23 02CCBB1	25441										
1994			801.60								
		180.00									
1995				286.31							
1996					326.07						
1997						381.93					
1998							291.31				
1999								419.60			
2000									486.00		
2001										656.30	
107 N11 E23 02DC1	12262										
107 N11 E23 02DD1	23800	6.00	0.00								
107 N11 E23 03ABCC1	57495		0.00								
1994			286.09								
		52.60									
1995				1.23							
1996					83.58						
1997						23.61					
1998							17.05				
1999								118.30			
2000									152.91		
2001										262.87	
107 N11 E23 03CBBC1	27317										
1994			1239.81								
		276.50									
1995				284.07							
1996					332.67						
1997						468.43					
1998							300.79				
1999								295.02			
2000									727.68		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										591.02
107 N11 E23 03DCBC1	12575									
	20491									
	57495									
1994			608.30							
		215.10								
1995				248.25						
1996					356.28					
1997						147.34				
1998							98.13			
1999								262.28		
2000									560.17	
2001										761.12
107 N11 E23 10ACBB1	20351									
	23521									
1994			909.15							
		312.59								
1995				85.59						
1996					301.54					
1997						162.70				
1998							115.66			
1999								16.90		
2000									961.23	
2001										908.47
107 N11 E23 10DDDC1										
1997						0.00				
107 N11 E23 11BBBB1	19600						0.00			
1994			2458.93							
		275.35								
1995				1352.52						
1996					1922.13					
1997						1491.29				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								1159.19		
1999									1560.14	
2000										1636.71
2001										1596.22
107 N11 E23 12BACC1	25437	92.04								
1994	25543		0.00							
	46606									
1995	46607			0.00						
1996					0.00					
1997						0.00				
1998								357.03		
1999									1023.49	
2000										273.97
2001										250.00
107 N11 E23 12CBBB1	25690									
	40400									
	46608									
	58994									
1994			428.22							
		107.54								
1995				390.40						
1996					515.68					
1997						467.04				
1998								498.78		
1999									519.18	
2000										560.27
2001										643.19
107 N11 E23 13AD1	17755	15.00								
107 N11 E23 13BA1	50926	3.20	0.00							
107 N11 E23 13CA1	18327	46.50	0.00							
107 N11 E23 13DB1	27298	20.00	0.00							
107 N11 E23 14BBBC1			0.00							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1997							0.00			
1998								5.30		
1999									7.07	
2000										58.76
2001										70.60
107 N11 E23 14DAAA1										
1999									0.00	
107 N11 E23 15CABB1	26804									0.00
1994			631.46							
		267.00								
1995				584.07						
1996					696.38					
1997						783.88				
1998							663.05			
1999								744.66		
2000									804.50	
2001										630.10
107 N11 E23 15CCDC1	21279									
	24347									
1994			355.28							
		179.30								
1995				337.01						
1996					355.72					
1999								310.73		
2000									511.60	
2001										449.04
107 N11 E23 15DAAA1										
1999							0.00			
2000									0.00	
2001										0.00
107 N11 E23 23BCBB1	18990									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	62541T									
1994			518.07							
		73.00								
1995				77.55						
1996					94.21					
1997						246.22				
1998							77.98			
1999								170.56		
2000									136.20	
2001										215.68
107 N11 E23 23BD1	26360	2.40								
107 N11 E23 24DB1	12782	30.00	0.00							
107 N11 E23 24DDDD1	55840		0.00							
	55841									
1994			196.17							
		80.00								
1995				0.00						
1996					72.96					
1997						0.00				
1998							0.02			
1999								32.69		
2000									142.57	
2001										345.14
107 N11 E23 27AAAB1										
1997						0.00				
1998							0.00			
1999								0.00		
2000									0.00	
										0.00
2001										0.00
107 N11 E23 36CB1	19919	6.60								
107 N11 E24 07A1	48738		0.00							
107 N11 E24 07DA1	48739									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
107 N11 E24 09AACB1	53835		0.00								
			0.00								
					2.21						
						0.95					
							3.52				
								3.87			
									2.07		
										2.19	
107 N11 E24 09ACCB1	57362			83.29							
					138.11						
						54.58					
							32.57				
								59.55			
									57.06		
										32.09	
107 N11 E24 09ADBC1	53837										
			0.00								
					0.00						
						10.28					
							5.37				
								0.00			
									1.02		
										2.71	
107 N11 E24 09ADBD1	53836										
							0.00				

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								0.00		
1999									0.00	
2000										0.46
2001										0.39
107 N11 E24 10AAA1	46622									
1994			21.78							
1995				0.00						
1996					107.81					
1997						47.93				
1998								51.36		
1999									57.12	
2000										68.40
2001										54.47
107 N11 E24 18AD1	19102									
107 N11 E24 19DA1	32742									
107 N11 E24 20CB1	53075		0.00							
107 N11 E24 20CC1	56746									
107 N11 E24 21CDCC1	NO PERMIT		0.00							
1996					0.00					
1997						0.00				
1998								0.00		
1999									0.00	
2000										0.00
2001										0.00
107 N11 E24 22CA1	56389									
107 N11 E24 27AAAB1	NO PERMIT				0.00					
107 N11 E24 27CCCC1	19302	2.00				0.00				
107 N11 E24 27CCCD1	62214	11.10			0.00					
107 N11 E24 27DBCC1	60818				0.00					
1994			386.42							
1995			0.00							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
		112.00								
1996					43.21					
1997							200.48			
1998								204.64		
1999									149.62	
2000										237.05
2001										482.34
107 N11 E24 28DDCD2	58599									
	60814									
1994			442.09							
		137.00								
1995				386.80						
1996					522.75					
1997							399.27			
1998								520.75		
1999									590.06	
2000										598.12
2001										627.74
107 N11 E24 29AB1	12374	10.00								
107 N11 E24 29DB1	14818	88.00								
107 N11 E24 30AA1	12276	30.00	0.00							
107 N11 E24 30AD1	12277	28.00	0.00							
107 N11 E24 30BCDD2	18938		0.00							
1994			1841.61							
		513.00								
1995				214.03						
1996					792.18					
1997							605.50			
1998								650.25		
1999									642.43	
2000										1742.44

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										1947.38
107 N11 E24 30DBC1	26937									
1994			34.31							
1995				19.19						
		9.16								
1996					24.63					
1997						26.24				
1998							23.91			
1999								20.98		
2000									23.18	
2001										34.06
107 N11 E24 31ABCD1										
1994			17.80							
1995				55.88						
1996					36.46					
1997						13.08				
107 N11 E24 31ABCD2							0.00			
1998							17.36			
1999								19.11		
2000									10.60	
2001										11.12
107 N11 E24 31BB1	12309									
107 N11 E24 31CCDB1	19602	190.09			0.00					
107 N11 E24 32ABDC1	19924				0.00					
	SEE 17382									
1994			419.84							
		579.50								
1995				173.27						
1996					504.20					
1997						424.96				
1998							311.79			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999								358.17		
2000									647.31	
2001										825.78
107 N11 E24 32AC1	22913	41.10								
	61183	27.30								
107 N11 E24 32BBDD1			0.00							
107 N11 E24 32BBDD2			0.00							
	19983									
1994			1186.57							
1995				92.35						
1996					243.81					
1997						207.62				
1998							158.20			
1999								188.38		
2000									1046.80	
2001										1069.26
107 N11 E24 32DAAA1	12281									
107 N11 E24 32DCCD1	12215									
	17382									
1994			278.87							
		645.90								
1995				0.50						
1996					573.60					
1997						327.40				
1998							400.99			
1999								337.33		
2000									847.99	
2001										656.13
107 N11 E24 33BACC2	25279									
	60817									
	60818									
1994			684.37							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
		159.00								
1995				3.80						
1996					195.63					
1997						166.86				
1998							45.84			
1999								51.91		
2000									432.82	
2001										558.91
107 N11 E24 33DADD1	55085									
1994			42.88							
		20.00								
1995				30.20						
1996					55.57					
1997						0.00				
1998							39.25			
1999								66.55		
2000									70.25	
2001										205.95
107 N11 E24 34BACC1	57854									
1994			107.97							
		24.88								
1995				94.64						
1996					100.02					
1997						105.02				
1998							92.95			
1999								100.64		
2000									124.10	
2001										112.68
107 N11 E24 35AC1	12372									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
107 N12 E23 04DAAA1	49400	53.29	0.00							
	49401									
1996					0.00					
1997						0.00				
1998							0.00			
1999								0.00		
2000									0.00	
2001										
107 N12 E23 13CCCD1	13344	92.70								
1999										
2000									0.00	
2001										42.59
107 N12 E23 13CC2	57794									
107 N12 E23 13CC3	57795									
107 N12 E23 13CC4	57796		0.00							
107 N12 E23 14DCA1	12465	141.20	0.00							
1999								0.00		
2000									0.00	
2001										
107 N12 E23 22ABCD1										
2001										0.00
107 N12 E23 22ACDD1	12465									
2001										
107 N12 E23 22DDBB1	12466									
2001										
107 N12 E23 23AB1	16824	36.00								
1999								0.00		
2000									0.00	
2001										
107 N12 E23 23AB2	16825	36.00								
107 N12 E23 23CB 1	NO PERMIT									

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
107 N12 E23 24CBCC1	16798										
		214.72									
107 N12 E23 24CBCC2	16798		767.99								
1995				402.17							
1996					604.97						
1997						549.02					
1999								538.42			
2000									0.00		
2001										645.02	
107 N12 E23 25AB 1											
107 N12 E23 25CB1	57772				0.00						
107 N12 E23 25CD1	16827		0.00								
107 N12 E23 25DC1	57771		0.00								
107 N12 E23 26CBC1	23162		0.00								
1996					2.27						
1997						1.36					
1998							1.93				
1999								2.46			
2000									3.89		
2001										10.58	
107 N12 E23 26DA1	16826	14.54									
107 N12 E23 27AADD3	18804		0.00								
1994			859.64								
		400.00									
1995				0.04							
1996					0.00						
1997						280.85					
1998							0.00				
1999								180.79			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
2000										0.00	
2001											1566.18
107 N12 E23 28CD1	58992	35.00									
107 N12 E23 28CD2	12466		0.00								
107 N12 E23 28DCAB1	18953		0.00								
	58992										
1994			783.78								
		200.00									
1995				256.22							
1996					364.74						
1997						262.60					
1998							266.47				
1999								294.78			
2000									527.64		
2001										817.94	
107 N12 E23 34AB1	12344										
107 N12 E23 34DBBB1	18689		0.00								
1994			767.57								
		160.00									
1995				189.32							
1996					578.43						
1997						564.86					
1998							707.55				
1999								51.96			
2000									538.55		
2001										575.16	
107 N12 E23 34BACB1	22936										
1994			334.01								
		638.71									
1995				134.07							
1996					21.20						
1997						198.56					

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
107 N12 E23 36BBAA1	12265									
	12263									
1996					0.66					
1997							1.65			
1998								1.15		
1999									4.30	
2000										1.27
2001										3.12
107 N12 E23 36BDBA1	16628									
1994			0.00							
1997							0.00			
1998								0.00		
1999									0.00	
107 N12 E23 36BDBA2	16628									0.00
1998								0.00		
1999									0.00	
107 N12 E23 36BDBA3	16628									0.00
1994			545.82							
		278.00								
1995				337.00						
1996					436.98					
1997							404.15			
1998								393.48		
1999									199.14	
2000										642.58
2001										599.21
107 N12 E23 36CC1	12305									
107 N12 E23 36DDCD1	18368		0.00							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1994			717.59							
		332.00								
1995				487.78						
1996					484.60					
1997						409.81				
1998							290.43			
1999								366.77		
2000									498.73	
2001										597.89
107 N12 E24 08DA1	14282									
107 N12 E24 19BC1	60719	21.50	0.00							
107 N12 E24 31BAAD1	55027	24.68	0.00							
107 N12 E24 31BACB1	36525		0.00							
	36823									
	SEE 36524									
1994			0.00							
		129.92								
1995				0.00						
1996					0.00					
1997						0.00				
1998							0.05			
1999								0.29		
2000									0.00	
2001										0.00
107 N12 E24 31BACB2										
2001										1036.24
107 N12 E24 31BB1	54900	5.00								
	56895									
107 N12 E24 31DBBA1	36524		0.00							
	36824									
1994			745.39							
		125.00								
1995				95.77						
1996					470.13					

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1997						0.00				
1998								633.84		
1999									848.41	
2000										825.90
2001										496.71
107 N13 E23 22DA1	54441									
107 N13 E23 25AABB1	37034		0.00							
1994			0.48							
		507.60								
1995				141.78						
1996					137.08					
1997						0.25				
1998								0.50		
1999									0.33	
2000										0.00
2001										0.00
107 N13 E23 25BCCC1	11025	146.30								
2001										0.00
107 N13 E23 25BCDD1	37030									
1994			0.00							
		131.00								
1995				0.00						
1996					236.99					
1997						0.00				
1998								0.00		
1999									0.00	
2000										0.00
2001										0.00
107 N13 E23 25BD1										
107 N13 E23 26BCD1	37955		0.00							

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				0.00						
					0.00					
						0.00				
							0.00			
								0.00		
107 N13 E23 26CD1	6401	18.70							0.00	
107 N13 E23 26DA1	6415	29.92							0.00	0.00
107 N13 E23 26DC1	6400	39.90						0.00		
107 N13 E23 27ADCD1	37028		0.00							
			61.91							
		381.00								
				91.33						
					136.46					
						714.06				
							0.00			
								0.18		
									53.27	
										0.06
107 N13 E23 27DC1	7899	3.86								
107 N13 E23 27DD1	7636	78.36	0.00							
107 N13 E23 34BDBB1	37029		0.00							
	37031									
	37032									
			494.08							
		239.40								
				262.71						
					543.70					
						280.63				
							0.00			

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999								0.10		
2000									155.96	
2001										0.00
107 N13 E24 18CBD 1	48597									
1997							13.72			
107 N13 E24 19AA1	21908							0.00		
1997			0.00							
2001										0.00
107 N13 E24 19DBC81	NO PERMIT									
1997							0.00			
107 N13 E24 20ABC 1	43318							0.00		
1995				0.00						
1996					136.19					
1997							62.76			
1998								0.00		
1999									0.00	
2000										43.07
2001										0.00
107 N13 E24 21BCCD1	43578									
1995				0.00						
1996					3.19					
1997							3.12			
1998								1.49		
1999										3.10

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
2000										3.10	
2001											1.05
107 N13 E24 30AACC1	44138										
1994			424.76								
		154.22									
1995				252.86							
1996					0.00						
1997						460.67					
1998							367.87				
1999								336.40			
2000									329.00		
2001											570.28
107 N13 E24 30ACBB1	29935										
1994			0.00								
		80.00									
1995				0.00							
1996					0.00						
1997						0.00					
1998							0.00				
1999								0.00			
2000									0.00		
107 N13 E24 30ACBB2											0.00
1994			0.00								
1995				0.00							
1996					0.00						
1997						0.00					
1998							0.00				
1999								0.00			
2000									0.00		

TABLE 3 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, SMITH VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
107 N13 E24 30ACBC1	29934									0.00
1994			319.24							
		152.04								
1995				139.73						
1996					0.00					
1997						789.02				
1998							422.55			
1999								280.26		
2000									125.28	
2001										239.60
107 N13 E24 30ADDD1										
1994			0.00							
		163.43								
1995				0.00						
1996					0.00					
1997						0.00				
1998							0.00			
1999								0.00		
2000									86.42	
2001										316.62
107 N13 E24 30BDAB1	14466									
1994			372.39							
		34.00								
1995				84.46						
1996					589.29					
1997						318.64				
1998							364.71			
1999								378.53		
2000									127.07	
2001										204.43

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
10763	CER	NE	SE	21	13N	25E	STK		N	44.81
12389	CER	SW	NE	11	11N	25E	IRR	Y	Y	1,622.69
13879	CER	SW	SE	35	12N	25E	IRR		Y	1,485.00
13911	CER	SW	NW	01	11N	25E	STK		N	22.43
14109	CER	SE	NW	21	13N	25E	MM	Y	N	0.00
14111	CER	NW	NE	21	13N	25E	MM	Y	N	0.00
14377	CER	SW	SW	25	13N	25E	DOM		N	3.22
14378	CER	NW	SE	31	13N	26E	DOM		N	3.22
14379	CER	SE	SE	36	13N	25E	DOM		N	3.22
14632	CER	NW	NE	09	13N	26E	IRR		N	273.00
15424	CER	NE	NW	21	13N	25E	MM	Y	N	868.50
15425	CER	SE	SW	16	13N	25E	MM		N	468.10
15475	CER	SW	NW	36	14N	24E	STK		N	2.18
15825	CER	NE	NE	31	10N	26E	MM		N	723.95
15946	CER	SE	NW	26	14N	26E	IRR	Y	N	100.00
15975	CER	SW	NW	02	13N	26E	DOM		N	0.80
16034	CER	NE	NE	22	14N	26E	IRR		N	159.60
16546	CER	SE	NE	28	15N	25E	DOM		N	0.95
16889	CER	NE	NW	04	12N	26E	IRR		Y	152.00
16892	CER	SE	SE	21	13N	25E	STK		N	90.47
17100	CER	NW	SE	09	13N	26E	IRR		N	20.80
17386	CER	SE	NE	35	14N	26E	DOM		N	1.60
18410	CER	NE	NE	17	13N	25E	MM	Y	N	608.13
18411	CER	NW	NW	09	13N	25E	MM	Y	N	970.11
18588	CER	NE	SW	33	13N	25E	IRR		Y	20.00
18589	CER	NE	SW	33	13N	25E	IRR		Y	20.00
18654	CER	SE	SE	14	12N	25E	IRR	Y	Y	650.90
18672	CER	SE	SE	16	14N	25E	IRR		Y	494.80
18676	CER	SE	SE	13	13N	25E	IRR	Y	Y	1,452.25
18682	CER	NW	SE	35	13N	25E	IRR		Y	792.00
18703	CER	SW	SW	15	13N	25E	IRR		Y	443.20
18706	CER	NE	SW	10	13N	25E	IRR		Y	2,048.00
18707	CER	SE	NE	01	11N	25E	IRR	Y	Y	1,230.20
18712	CER	SW	NW	32	14N	26E	IRR		Y	620.00
18715	CER	NW	NE	01	11N	25E	IRR		Y	1,640.00
18729	CER	SE	NW	04	14N	25E	IRR	Y	Y	952.00
18730	CER	SE	SW	06	12N	26E	IRR		Y	648.00
18735	CER	SE	NE	08	14N	25E	IRR		Y	1,060.00
18736	CER	SW	SE	36	13N	25E	IRR		Y	456.00
18753	CER	SW	SW	24	12N	25E	IRR		Y	613.40
18766	CER	SE	NW	12	12N	25E	IRR	Y	Y	188.24
18806	CER	SW	SE	31	14N	26E	IRR		Y	1,560.00
18819	CER	NW	NE	06	13N	26E	STK		N	5.59
18820	CER	NE	SW	31	14N	26E	STK		N	6.66
18866	CER	SE	SW	25	13N	25E	STK		N	11.29
18867	CER	NW	NW	06	12N	26E	IRR	Y	Y	464.77
18914	CER	SW	SE	14	12N	25E	IRR	Y	Y	880.80
18925	CER	SE	SW	15	14N	25E	IRR	Y	Y	1,416.00
18931	CER	SW	NE	02	14N	25E	IRR		Y	1,602.96
18934	CER	SW	NE	25	14N	25E	IRR		Y	1,182.72
18986	CER	NW	SW	34	14N	25E	IRR		Y	924.00

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
19057	CER	SE	SW	25	12N	25E	IRR	Y	Y	2,780.00
19062	CER	SE	NW	32	14N	26E	IRR		Y	464.00
19068	CER	SW	NE	24	13N	25E	IRR	Y	Y	2,652.00
19077	CER	SE	SE	31	13N	26E	IRR		Y	320.00
19101	CER	SW	NW	24	13N	25E	IRR		Y	1,193.68
19113	CER	NW	SE	02	12N	25E	IRR		Y	788.00
19516	CER	NE	NE	32	15N	25E	IRR		Y	1,694.00
19599	CER	SE	SW	31	14N	26E	IRR		Y	1,130.50
19661	CER	SE	NE	32	14N	26E	IRR		Y	1,240.00
19667	CER	SE	SE	23	13N	25E	IRR		Y	1,132.00
19692	CER	SE	SW	23	12N	25E	IRR		Y	488.00
19706	CER	NE	SW	11	12N	25E	IRR		Y	1,436.00
19744	CER	SW	SE	14	13N	25E	IRR		Y	720.00
19750	CER	SE	SE	06	13N	26E	IRR		Y	468.00
19758	CER	NW	SE	10	11N	25E	IRR		Y	1,395.28
19828	CER	SW	NW	03	12N	25E	IRR		Y	615.75
19829	CER	SW	SW	35	13N	25E	IRR		Y	1,388.00
19838	CER	SE	SE	09	14N	25E	IRR		Y	148.00
19839	CER	SE	SE	09	14N	25E	IRR		Y	544.00
19840	CER	SE	SE	09	14N	25E	IRR		Y	228.00
19841	CER	SW	SW	13	13N	25E	IRR		Y	1,260.00
19873	CER	SW	NE	13	13N	25E	IRR		Y	896.36
19935	CER	SW	NW	11	11N	25E	IRR		Y	579.60
20387	CER	SE	NW	03	12N	26E	MM		N	72.36
20698	CER	SW	SE	29	14N	25E	IRR		N	27.20
20821	CER	NE	NW	18	14N	26E	IRR		Y	423.20
21582	CER	SW	SE	34	14N	26E	IRR		N	20.92
21921	CER	SE	SE	06	14N	25E	IRR	Y	Y	1,898.00
22671	CER	NE	SW	33	13N	25E	DOM		N	3.22
23356	CER	SE	SE	20	14N	25E	IRR		Y	120.00
23793	CER	SE	NW	05	13N	25E	MM	Y	N	1,614.24
23833	CER	SE	NE	33	14N	25E	QM	Y	N	19.09
23913	CER	SW	NE	29	14N	25E	IRR		N	20.00
24013	CER	NW	SE	05	13N	26E	IRR	Y	Y	900.00
24583	CER	NE	SW	03	12N	25E	IRR	Y	Y	448.00
25201	CER	SE	NW	04	14N	25E	IRR	Y	Y	744.00
25399	CER	SE	SE	16	13N	25E	MM	Y	N	1,628.66
25633	CER	SW	NW	24	13N	25E	IRR	Y	Y	1,400.00
25813	CER	SW	NE	11	13N	25E	IRR		Y	3,269.63
25892	CER	SE	NE	27	12N	25E	IRR	Y	Y	936.00
25916	CER	SW	SW	26	14N	26E	IRR		N	632.00
26099	CER	NW	NE	27	13N	25E	REC		N	192.36
26213	CER	NW	NW	15	13N	25E	COM		N	1.99
26311	CER	NE	NE	12	14N	25E	IND	Y	N	3,155.07
26312	CER	SE	NE	01	14N	25E	IND	Y	N	2,239.98
26368	CER	SW	NE	06	12N	26E	IRR		Y	612.00
27123	CER	SE	NE	32	14N	26E	IRR		Y	504.00
27302	CER	SW	SW	01	13N	25E	IRR		Y	52.20
27839	CER	SW	SE	29	14N	26E	IRR		Y	700.00
27929	CER	SE	SW	16	14N	25E	IRR		Y	1,081.20
27943	CER	SE	NE	08	14N	25E	IRR		Y	400.00

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
28042	CER	SE	SW	10	11N	25E	IRR		Y	295.60
28067	CER	NE	NE	11	12N	25E	IRR	Y	Y	51.60
28194	CER	SE	SE	01	12N	25E	IRR		Y	400.00
28195	CER	SE	NW	01	12N	25E	IRR		Y	1,378.80
28268	CER	SW	SE	12	12N	25E	IRR		Y	612.00
28290	CER	NW	NE	08	13N	26E	IRR		Y	86.00
28743	CER	NW	SW	35	14N	26E	IRR		N	82.40
29299	CER	SE	NW	22	14N	26E	IRR		N	920.52
29621	CER	SE	NW	12	12N	25E	IRR		Y	352.00
30050	CER	SE	SW	06	12N	26E	IRR		Y	593.20
30068	CER	NW	NW	07	13N	26E	IRR		Y	1,448.80
30166	CER	NE	SW	34	13N	25E	IRR		Y	1,460.00
30169	CER	NE	NW	27	14N	25E	IRR	Y	Y	740.92
30190	CER	SE	SE	26	13N	25E	IRR		Y	616.00
30192	CER	SW	NE	34	15N	25E	IRR		Y	612.00
30193	CER	SE	NW	35	13N	25E	IRR		Y	424.32
30218	CER	NW	SE	34	14N	26E	IRR		N	30.92
30259	CER	NW	SE	01	13N	25E	IRR		Y	1,346.40
30263	CER	SE	NE	07	13N	26E	IRR		Y	579.76
30265	CER	SW	SE	05	13N	26E	IRR		Y	80.00
30287	CER	NE	NW	12	12N	25E	IRR		Y	484.80
30362	CER	NW	SW	36	13N	25E	IRR		Y	752.00
30383	CER	NW	SE	09	13N	26E	IRR		N	775.64
30396	CER	SW	NW	11	12N	25E	IRR		Y	40.00
30409	CER	SW	SW	04	14N	25E	IRR		Y	1,345.60
30439	CER	SE	NW	26	13N	25E	IRR		Y	729.20
30447	CER	NE	NE	22	14N	26E	IRR		N	955.24
30517	CER	SW	SW	01	11N	25E	IRR	Y	Y	2,954.44
30518	CER	SW	SE	02	11N	25E	IRR	Y	Y	1,853.60
30520	CER	SW	SE	12	12N	25E	IRR		Y	36.80
30521	CER	NE	SW	04	13N	26E	IRR	Y	Y	983.72
30926	CER	NW	SW	22	13N	25E	IRR		Y	620.00
30990	CER	SW	SE	32	14N	26E	IRR		Y	1,328.40
30992	CER	NE	NE	06	12N	26E	IRR		Y	475.60
31565	CER	SE	SW	03	13N	26E	QM	Y	N	20.25
31826	CER	SE	SE	19	14N	26E	STK		N	7.86
33522	CER	SE	SE	01	13N	25E	STK		N	13.44
35325	CER	NW	NW	02	13N	26E	IRR		Y	166.00
35867	CER	SE	SW	12	13N	25E	REC		N	3.53
36330	CER	SE	SE	31	13N	26E	IRR		Y	388.80
36633	PER	SE	NE	33	14N	25E	QM	Y	N	377.47
38153	CER	NE	NW	25	13N	25E	QM		N	2.95
41155	CER	NE	NW	16	13N	26E	QM		N	1.01
41363	CER	SW	SE	27	13N	25E	IRR		Y	1,646.20
41985	PER	NE	NW	10	13N	26E	QM	Y	N	18.29
43168	CER	SE	SE	08	13N	26E	QM		N	1.10
43320	CER	NE	NW	31	15N	25E	STK		N	2.24
44503	CER	NE	NW	16	13N	26E	STK		N	0.74
45226	CER	NE	SE	21	13N	25E	IND		N	0.25
45323	PER	SW	NW	03	14N	25E	COM		N	7.40
45408	CER	NW	SW	33	12N	26E	STK	Y	N	22.40

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
45409	CER	SW	SW	33	12N	26E	QM	Y	N	5.59
45410	CER	NW	SW	33	12N	26E	QM	Y	N	1.66
45411	CER	NW	NW	04	11N	26E	STK	Y	N	22.40
45412	CER	SW	SW	33	12N	26E	STK	Y	N	22.40
45413	CER	NW	NW	04	11N	26E	QM	Y	N	6.72
45594	CER	NE	SW	21	15N	25E	IND		N	1,130.86
45718	PER	SE	SW	03	13N	26E	QM	Y	N	145.71
45784	CER	SW	NW	35	14N	26E	IRR		N	36.00
46709	CER	SW	SW	13	14N	26E	STK		N	13.44
46830	CER	NE	SW	33	11N	26E	STK		N	6.51
46831	CER	SE	NW	20	11N	26E	STK		N	6.51
46884	CER	NE	NE	09	13N	26E	QM		N	2.24
47013	CER	NE	SW	13	12N	25E	IRR		Y	39.36
47014	PER	SE	SW	13	12N	25E	IRR		Y	36.00
47116	CER	SE	SW	23	14N	26E	QM		N	0.12
47649	CER	SW	NW	34	13N	26E	STK		N	4.63
47650	CER	NW	SE	08	13N	27E	STK		N	3.25
47672	CER		LT03	02	13N	26E	STK		N	13.04
48283	CER	NW	NE	09	13N	26E	QM		N	0.61
48290	CER	SW	NW	35	14N	26E	IRR		N	44.00
48616	CER	NW	SE	18	13N	26E	IRR	Y	Y	21.20
48636	CER	SE	SE	04	13N	26E	QM		N	0.37
49093	CER	SE	SE	03	13N	26E	QM		N	0.43
49222	PER	NW	SW	04	13N	25E	ENV		N	49.72
49223	PER	SE	NE	05	13N	25E	ENV		N	10.50
49250	CER	SW	SW	01	11N	25E	IRR	Y	Y	801.57
49413	CER	NW	SW	04	12N	27E	STK		N	3.07
49424	CER	SW	NE	19	14N	25E	STK		N	2.18
49425	CER	NW	SE	31	14N	25E	STK		N	2.18
49835	CER		LT02	18	12N	27E	STK		N	8.96
49836	CER	NW	SE	32	13N	27E	STK		N	7.24
50668	CER	NW	SW	17	13N	26E	STK		N	3.38
50704	CER	SE	NW	18	14N	26E	WLD	Y	N	108.60
51014	CER	NE	NE	05	14N	25E	IRR	Y	Y	1,233.60
51100	PER	NE	SW	21	15N	25E	IND		N	238.88
51547	CER	NW	SW	15	15N	25E	IND		N	1,084.96
51768	CER	SE	SE	06	14N	25E	IRR	Y	Y	275.19
51939	CER	NE	NE	03	13N	25E	IRR		Y	593.77
52506	CER	NE	NE	31	15N	25E	STK		N	4.36
53028	CER	SE	SW	24	13N	25E	STK		N	4.36
54391	PER	SE	SW	03	13N	26E	QM	Y	N	2.24
54419	CER	SW	SW	01	11N	25E	IRR	Y	Y	88.03
54473	CER	SW	SW	22	13N	25E	IRR		Y	97.52
54842	CER	SE	NW	36	13N	25E	IRR		Y	486.36
54860	CER	SE	NE	26	13N	25E	IRR		Y	589.92
55676	CER	SE	NE	26	13N	25E	IRR		Y	140.00
55677	CER	SE	NW	36	13N	25E	IRR		Y	258.96
55955	CER	SE	NE	22	12N	25E	IRR	Y	Y	388.80
56020	CER	SW	NE	01	11N	25E	IRR	Y	Y	1,543.87
56251	CER	NE	NE	11	12N	25E	IRR	Y	Y	684.40
56594	CER	NE	SE	23	12N	25E	IRR	Y	Y	94.72

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
56595	CER	NW	NW	24	12N	25E	IRR	Y	Y	157.21
56596	CER	NW	NW	24	12N	25E	IRR	Y	Y	382.06
56597	CER	NE	SE	23	12N	25E	IRR	Y	Y	98.38
56598	CER	NE	SE	23	12N	25E	IRR	Y	Y	491.91
56599	CER	NE	SE	23	12N	25E	IRR	Y	Y	142.72
56798	PER	NW	SW	31	13N	26E	IRR		Y	109.33
57079	CER	NE	NW	33	14N	25E	STK		N	8.50
57188	PER	NW	SE	31	12N	26E	IRR		Y	240.00
57247	CER	SE	SW	25	13N	25E	IRR	Y	Y	1,016.00
57254	CER	SE	NE	34	14N	26E	IRR		N	280.00
57256	CER	SW	SW	15	13N	25E	IRR		Y	187.60
57261	CER	SW	NE	11	11N	25E	IRR	Y	Y	801.57
57262	CER	SW	NE	11	11N	25E	IRR	Y	Y	88.03
57576	CER	NE	NW	04	11N	26E	STK	Y	N	11.75
57865	CER	SW	NE	27	14N	25E	STK		N	3.60
57866	CER	SW	NE	27	14N	25E	IRR		Y	553.16
57867	PER	SW	NE	27	14N	25E	IRR		Y	1,447.90
58027	CER	NE	NE	03	13N	25E	IRR		Y	130.58
58105	CER	SW	SW	25	14N	25E	STK		N	4.48
58165	PER	SE	SE	03	14N	25E	IRR		Y	30.00
58166	CER	SE	NE	22	12N	25E	IRR	Y	Y	36.00
58168	CER	SE	NE	22	12N	25E	IRR	Y	Y	124.00
58170	CER	SW	SW	03	14N	25E	COM		N	2.80
58174	CER	NW	SE	21	14N	25E	IRR		Y	466.88
58352	CER	SE	NW	12	12N	25E	IRR	Y	Y	255.47
58481	CER	NE	SE	01	12N	25E	IRR	Y	Y	576.00
58482	CER	NE	NE	01	12N	25E	IRR	Y	Y	310.00
58486	CER	SW	NW	24	12N	25E	IRR		Y	54.48
58527	PER	SE	SE	19	14N	25E	MM		N	773.00
58752	PER	SW	SW	10	14N	25E	IRR	Y	Y	2,928.00
58753	PER	SW	SE	04	14N	25E	IRR	Y	Y	2,296.00
58754	PER	SW	NE	15	14N	25E	IRR	Y	Y	299.31
58755	PER	SW	NE	34	15N	25E	IRR	Y	Y	600.00
58756	PER	NW	SW	10	14N	25E	IRR	Y	Y	1,159.11
58757	PER	SW	NE	15	14N	25E	IRR	Y	Y	392.00
58758	PER	SW	NE	15	14N	25E	IRR	Y	Y	219.49
58759	PER	SW	NE	15	14N	25E	IRR	Y	Y	120.89
59091	CER	SE	SW	18	13N	26E	STK		N	8.96
59367	PER	SE	SW	03	13N	26E	QM	Y	N	2.24
59847	CER	SW	SE	08	12N	25E	STK		N	8.96
59997	CER	NW	SW	26	13N	25E	COM		N	1.00
60352	PER	SE	NE	33	14N	25E	MUN	Y	N	19.09
60353	PER	SE	NE	33	14N	25E	MUN	Y	N	377.47
60495	CER	SW	NW	03	12N	25E	IRR		Y	144.32
60553	CER	NW	NE	27	13N	25E	REC	Y	N	43.48
60554	CER	NW	NE	27	13N	25E	REC	Y	N	12.93
60555	CER	NW	NE	27	13N	25E	REC	Y	N	33.73
60556	CER	NW	NE	27	13N	25E	REC	Y	N	23.59
60557	CER	NE	SW	18	14N	26E	REC	Y	N	861.50
60558	CER	NE	SW	18	14N	26E	REC	Y	N	861.50
60559	CER	SE	NW	18	14N	26E	REC	Y	N	1,180.07

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
60560	CER	NE	NW	18	14N	26E	REC	Y	N	844.76
60561	CER	NE	NW	18	14N	26E	REC	Y	N	844.76
60562	PER	SE	SW	17	14N	26E	REC	Y	N	138.92
60702	PER	NW	NE	28	13N	25E	QM	Y	N	401.81
60704	CER	SW	NW	27	14N	25E	IRR	Y	Y	2,222.76
60763	CER	SW	NE	01	11N	25E	IRR	Y	Y	85.07
60764	CER	SE	NE	01	11N	25E	IRR	Y	Y	85.07
61207	CER	SW	SW	22	15N	25E	IND	Y	N	8.96
61208	CER	SW	SW	22	15N	25E	IND	Y	N	8.96
61249	CER	SW	SE	31	13N	26E	IRR		Y	6.00
61449	PER	NE	NE	08	13N	25E	MM	Y	N	160.00
61575	PER	NE	NE	12	14N	25E	WLD	Y	N	2,000.00
61592	CER	SE	NW	23	12N	25E	IRR	Y	Y	277.40
61593	CER	SE	NW	23	12N	25E	IRR	Y	Y	277.40
61681	CER	NW	NW	24	13N	25E	STK	Y	N	22.40
61710	PER	SE	SE	21	15N	25E	COM		N	1.50
61718	PER	NW	NE	28	13N	25E	QM	Y	N	401.81
61875	RFA	NW	SW	31	13N	26E	IRR		Y	149.33
61876	RFA	NW	SW	31	13N	26E	IRR		Y	34.00
61882	PER	SW	SE	10	11N	25E	IRR		Y	152.00
61894	PER	NW	NW	14	11N	25E	STK		N	8.19
62252	PER	NW	NW	24	13N	25E	COM	Y	N	54.32
62316	PER	NW	NE	17	13N	26E	COM		N	2.03
62362	CER	NW	SW	15	15N	25E	IND		N	451.92
62460	PER	NW	SW	15	15N	25E	WLD		N	1,230.75
62461	PER	NW	SW	15	15N	25E	WLD		N	1,303.17
62495	PER	NE	NW	09	13N	26E	COM		N	2.03
62620E	PER	NW	SW	14	13N	25E	ENV		N	50.64
62833	PER	NW	SE	10	11N	25E	COM		N	2.03
63192	PER	SE	SW	03	12N	25E	QM		N	1.93
63445	PER	SW	SW	03	14N	25E	COM		N	2.02
64498E	PER		NE	05	13N	25E	ENV		N	54.00
64499E	PER		NE	05	13N	25E	ENV		N	54.00
64604	PER	NE	NW	18	14N	26E	REC	Y	N	181.67
64605	PER	NW	SW	07	14N	26E	QM		N	10.00
64606	PER	SE	NW	18	14N	26E	REC	Y	N	50.04
64607	PER	NE	NW	18	14N	26E	REC	Y	N	181.63
64608	PER	SE	NW	18	14N	26E	REC	Y	N	131.58
64609	PER	SE	SW	17	14N	26E	REC	Y	N	196.45
64610	PER	NE	SW	18	14N	26E	REC	Y	N	160.31
64611	PER	NE	SW	18	14N	26E	REC	Y	N	160.31
64646	PER	SE	NW	18	14N	26E	QM		N	40.00
65001	PER	SW	SE	08	13N	26E	IRR		Y	17.00
65096	PER	SE	NE	10	14N	25E	IRR	Y	Y	235.32
65208	PER	SW	SW	31	15N	25E	IRR		Y	422.00
65209	PER	SW	SW	06	14N	25E	IRR		Y	422.00
65210	PER	NE	NW	07	14N	25E	IRR		Y	2,080.00
65211	PER	SE	NE	01	14N	24E	IRR		Y	1,448.00
65262	PER	SE	SE	03	14N	25E	IRR	Y	Y	874.00
65263	PER	SE	SE	03	14N	25E	IRR	Y	Y	507.68
65264	PER	SW	NE	10	14N	25E	IRR	Y	Y	720.12

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
65265	PER	SW	NE	10	14N	25E	IRR	Y	Y	808.98
65278	PER	NE	NW	36	13N	25E	IRR		Y	34.72
65295	PER	SE	NE	21	13N	25E	MUN	Y	N	1,085.96
65296	PER	NW	SE	15	13N	25E	MUN	Y	N	1,085.96
65297	PER	SW	SW	14	13N	25E	MUN	Y	N	598.43
65298	PER	NE	SW	14	13N	25E	MUN	Y	N	537.01
65299	PER	NW	NE	33	13N	25E	MUN	Y	N	723.97
65300	PER	SE	SW	22	13N	25E	MUN	Y	N	723.97
65301	PER	SE	NE	21	13N	25E	MUN	Y	N	112.01
65302	PER	NE	SW	14	13N	25E	MUN	Y	N	112.01
65303	PER	NW	SE	15	13N	25E	MUN	Y	N	112.01
65357	PER	SE	NE	21	13N	25E	MUN	Y	N	361.98
65358	PER	NE	SW	14	13N	25E	MUN	Y	N	723.97
65384	PER	SW	SW	11	12N	25E	IRR	Y	Y	116.08
65724	PER	NE	NE	04	13N	25E	IRR	Y	Y	950.00
65754	PER	SW	NW	11	12N	25E	IRR	Y	Y	512.40
65755	PER	SE	SW	10	12N	25E	IRR	Y	Y	1,572.00
65777	PER	SW	NE	34	15N	25E	IRR		Y	116.67
65778	PER	SW	NE	34	15N	25E	IRR		Y	149.33
65779	PER	SW	NE	34	15N	25E	IRR		Y	34.00
66038	PER	NW	NE	12	14N	24E	COM	Y	N	38.48
66039	PER	SW	NE	12	14N	24E	COM	Y	N	21.79
66112	PER	NW	SW	19	14N	26E	COM	Y	N	36.00
66139	PER	NW	NE	22	14N	25E	COM		N	148.00
66193	PER	SW	NE	12	14N	24E	COM	Y	N	89.43
66303	PER	NE	NE	04	13N	25E	IRR		Y	100.00
66831	PER	NE	SW	03	12N	25E	IRR	Y	Y	608.00
66832	PER	NW	SE	15	12N	25E	IRR	Y	Y	752.00
66887	PER	SW	NW	30	14N	26E	IRR	Y	Y	0.00
66888	PER	SW	NW	30	14N	26E	IRR	Y	Y	319.00
66889	PER	NW	SW	19	14N	26E	COM	Y	N	20.00
66896	PER	SE	NW	26	14N	26E	IRR	Y	N	31.92
66897	PER	NW	SE	18	13N	26E	IRR	Y	Y	48.80
66898	PER	NW	SE	18	13N	26E	IRR	Y	Y	1,274.00
66899	PER	NW	SE	18	13N	26E	IRR	Y	Y	13.60
66900	PER	SW	NE	18	13N	26E	IRR	Y	Y	386.40
67034	PER	SE	SW	33	14N	25E	IRR	Y	Y	405.42
67035	PER	SW	NE	12	14N	24E	COM	Y	N	36.00
67133	PER	NW	NW	02	13N	26E	IRR		N	38.00
67202	PER	SE	SW	33	14N	25E	IRR	Y	Y	1,217.41
67203	PER	SE	SW	33	14N	25E	IRR	Y	Y	743.52
67204	PER	NE	NE	04	13N	25E	IRR	Y	Y	1,049.76
67210	PER	SW	SW	11	12N	25E	IRR		Y	230.00
67452T	PER	SE	SE	06	13N	26E	IRR		Y	0.00
67599	PER	SW	SW	11	12N	25E	IRR		Y	36.28
67906	RFA	NE	NE	06	12N	26E	IRR		Y	72.40
67907	RFA	NE	NE	06	12N	26E	IRR		Y	152.00
67947	PER	SE	SE	16	14N	25E	IRR		Y	73.12
68003	PER	SE	NE	10	14N	25E	IRR	Y	Y	139.32
68004	PER	SW	SE	08	14N	25E	IRR	Y	Y	2,100.68
68005	PER	NE	NW	36	13N	25E	IRR		Y	3.64

Table 4 - Active Underground Water Rights - Mason Valley, Nevada - Indexed by Permit No.

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
68006	PER	SW	SE	08	14N	25E	IRR	Y	Y	308.36
68007	PER	NE	NE	04	13N	25E	IRR		Y	52.85
68008	PER	SE	SE	07	14N	25E	IRR	Y	Y	2,485.68
68055	PER	NE	SE	16	14N	25E	IRR		Y	20.08
68188T	PER	NE	NE	04	13N	25E	IRR	Y	Y	275.00
68201	RFA	SW	NW	04	11N	26E	IRR		Y	2,200.00
68308	RFA	NE	NE	05	13N	26E	STK		N	0.00
68309	RFA	NW	SE	05	13N	26E	IRR		Y	41.64
68310	RFA	NW	SE	05	13N	26E	IRR		Y	121.04
68311	RFA	NW	SE	05	13N	26E	IRR		Y	8.20
68312	RFA	SW	SW	11	12N	25E	IRR		Y	354.98
68398	RFP	SE	SE	03	14N	25E	IRR		Y	456.56
68399	RFP	SE	NE	11	14N	25E	IRR		Y	612.00
68400	RFP	SE	SE	03	14N	25E	IRR		Y	456.56
68401	RFP	SE	NE	11	14N	25E	IRR		Y	235.32
68455T	PER	NE	SW	04	13N	26E	IRR	Y	Y	560.00
68456T	PER	NW	SE	05	13N	26E	IRR	Y	Y	560.00
68629	APP	NW	NE	28	13N	25E	QM		N	7.00
68630	APP	SE	SE	16	13N	25E	IRR		Y	3.00
68686T	APP	SE	NE	21	13N	25E	IRR		Y	3,269.63
68714T	APP	NE	NE	22	14N	26E	IRR		N	82.40
68715	APP	NE	NE	22	14N	26E	IRR		N	82.40
68761	APP	SE	NE	16	13N	25E	IRR		Y	6.00

End of Report

Preliminary Data - Subject to Revision

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
15825	CER	NE	NE	31	10N	26E	MM		N	723.95
13911	CER	SW	NW	01	11N	25E	STK		N	22.43
18707	CER	SE	NE	01	11N	25E	IRR	Y	Y	1,230.20
18715	CER	NW	NE	01	11N	25E	IRR		Y	1,640.00
30517	CER	SW	SW	01	11N	25E	IRR	Y	Y	2,954.44
49250	CER	SW	SW	01	11N	25E	IRR	Y	Y	801.57
54419	CER	SW	SW	01	11N	25E	IRR	Y	Y	88.03
56020	CER	SW	NE	01	11N	25E	IRR	Y	Y	1,543.87
60763	CER	SW	NE	01	11N	25E	IRR	Y	Y	85.07
60764	CER	SE	NE	01	11N	25E	IRR	Y	Y	85.07
30518	CER	SW	SE	02	11N	25E	IRR	Y	Y	1,853.60
19758	CER	NW	SE	10	11N	25E	IRR		Y	1,395.28
28042	CER	SE	SW	10	11N	25E	IRR		Y	295.60
61882	PER	SW	SE	10	11N	25E	IRR		Y	152.00
62833	PER	NW	SE	10	11N	25E	COM		N	2.03
12389	CER	SW	NE	11	11N	25E	IRR	Y	Y	1,622.69
19935	CER	SW	NW	11	11N	25E	IRR		Y	579.60
57261	CER	SW	NE	11	11N	25E	IRR	Y	Y	801.57
57262	CER	SW	NE	11	11N	25E	IRR	Y	Y	88.03
61894	PER	NW	NW	14	11N	25E	STK		N	8.19
45411	CER	NW	NW	04	11N	26E	STK	Y	N	22.40
45413	CER	NW	NW	04	11N	26E	QM	Y	N	6.72
57576	CER	NE	NW	04	11N	26E	STK	Y	N	11.75
68201	RFA	SW	NW	04	11N	26E	IRR		Y	2,200.00
46831	CER	SE	NW	20	11N	26E	STK		N	6.51
46830	CER	NE	SW	33	11N	26E	STK		N	6.51
28194	CER	SE	SE	01	12N	25E	IRR		Y	400.00
28195	CER	SE	NW	01	12N	25E	IRR		Y	1,378.80
58481	CER	NE	SE	01	12N	25E	IRR	Y	Y	576.00
58482	CER	NE	NE	01	12N	25E	IRR	Y	Y	310.00
19113	CER	NW	SE	02	12N	25E	IRR		Y	788.00
19828	CER	SW	NW	03	12N	25E	IRR		Y	615.75
24583	CER	NE	SW	03	12N	25E	IRR	Y	Y	448.00
60495	CER	SW	NW	03	12N	25E	IRR		Y	144.32
63192	PER	SE	SW	03	12N	25E	QM		N	1.93
66831	PER	NE	SW	03	12N	25E	IRR	Y	Y	608.00
59847	CER	SW	SE	08	12N	25E	STK		N	8.96
65755	PER	SE	SW	10	12N	25E	IRR	Y	Y	1,572.00
19706	CER	NE	SW	11	12N	25E	IRR		Y	1,436.00
28067	CER	NE	NE	11	12N	25E	IRR	Y	Y	51.60
30396	CER	SW	NW	11	12N	25E	IRR		Y	40.00
56251	CER	NE	NE	11	12N	25E	IRR	Y	Y	684.40
65384	PER	SW	SW	11	12N	25E	IRR	Y	Y	116.08
65754	PER	SW	NW	11	12N	25E	IRR	Y	Y	512.40
67210	PER	SW	SW	11	12N	25E	IRR		Y	230.00
67599	PER	SW	SW	11	12N	25E	IRR		Y	36.28
68312	RFA	SW	SW	11	12N	25E	IRR		Y	354.98
18766	CER	SE	NW	12	12N	25E	IRR	Y	Y	188.24
28268	CER	SW	SE	12	12N	25E	IRR		Y	612.00
29621	CER	SE	NW	12	12N	25E	IRR		Y	352.00
30287	CER	NE	NW	12	12N	25E	IRR		Y	484.80

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
30520	CER	SW	SE	12	12N	25E	IRR		Y	36.80
58352	CER	SE	NW	12	12N	25E	IRR	Y	Y	255.47
47013	CER	NE	SW	13	12N	25E	IRR		Y	39.36
47014	PER	SE	SW	13	12N	25E	IRR		Y	36.00
18654	CER	SE	SE	14	12N	25E	IRR	Y	Y	650.90
18914	CER	SW	SE	14	12N	25E	IRR	Y	Y	880.80
66832	PER	NW	SE	15	12N	25E	IRR	Y	Y	752.00
55955	CER	SE	NE	22	12N	25E	IRR	Y	Y	388.80
58166	CER	SE	NE	22	12N	25E	IRR	Y	Y	36.00
58168	CER	SE	NE	22	12N	25E	IRR	Y	Y	124.00
19692	CER	SE	SW	23	12N	25E	IRR		Y	488.00
56594	CER	NE	SE	23	12N	25E	IRR	Y	Y	94.72
56597	CER	NE	SE	23	12N	25E	IRR	Y	Y	98.38
56598	CER	NE	SE	23	12N	25E	IRR	Y	Y	491.91
56599	CER	NE	SE	23	12N	25E	IRR	Y	Y	142.72
61592	CER	SE	NW	23	12N	25E	IRR	Y	Y	277.40
61593	CER	SE	NW	23	12N	25E	IRR	Y	Y	277.40
18753	CER	SW	SW	24	12N	25E	IRR		Y	613.40
56595	CER	NW	NW	24	12N	25E	IRR	Y	Y	157.21
56596	CER	NW	NW	24	12N	25E	IRR	Y	Y	382.06
58486	CER	SW	NW	24	12N	25E	IRR		Y	54.48
19057	CER	SE	SW	25	12N	25E	IRR	Y	Y	2,780.00
25892	CER	SE	NE	27	12N	25E	IRR	Y	Y	936.00
13879	CER	SW	SE	35	12N	25E	IRR		Y	1,485.00
20387	CER	SE	NW	03	12N	26E	MM		N	72.36
16889	CER	NE	NW	04	12N	26E	IRR		Y	152.00
18730	CER	SE	SW	06	12N	26E	IRR		Y	648.00
18867	CER	NW	NW	06	12N	26E	IRR	Y	Y	464.77
26368	CER	SW	NE	06	12N	26E	IRR		Y	612.00
30050	CER	SE	SW	06	12N	26E	IRR		Y	593.20
30992	CER	NE	NE	06	12N	26E	IRR		Y	475.60
67906	RFA	NE	NE	06	12N	26E	IRR		Y	72.40
67907	RFA	NE	NE	06	12N	26E	IRR		Y	152.00
57188	PER	NW	SE	31	12N	26E	IRR		Y	240.00
45408	CER	NW	SW	33	12N	26E	STK	Y	N	22.40
45409	CER	SW	SW	33	12N	26E	QM	Y	N	5.59
45410	CER	NW	SW	33	12N	26E	QM	Y	N	1.66
45412	CER	SW	SW	33	12N	26E	STK	Y	N	22.40
49413	CER	NW	SW	04	12N	27E	STK		N	3.07
49835	CER		LT02	18	12N	27E	STK		N	8.96
27302	CER	SW	SW	01	13N	25E	IRR		Y	52.20
30259	CER	NW	SE	01	13N	25E	IRR		Y	1,346.40
33522	CER	SE	SE	01	13N	25E	STK		N	13.44
51939	CER	NE	NE	03	13N	25E	IRR		Y	593.77
58027	CER	NE	NE	03	13N	25E	IRR		Y	130.58
49222	PER	NW	SW	04	13N	25E	ENV		N	49.72
65724	PER	NE	NE	04	13N	25E	IRR	Y	Y	950.00
66303	PER	NE	NE	04	13N	25E	IRR		Y	100.00
67204	PER	NE	NE	04	13N	25E	IRR	Y	Y	1,049.76
68007	PER	NE	NE	04	13N	25E	IRR		Y	52.85
68188T	PER	NE	NE	04	13N	25E	IRR	Y	Y	275.00

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
23793	CER	SE	NW	05	13N	25E	MM	Y	N	1,614.24
49223	PER	SE	NE	05	13N	25E	ENV		N	10.50
64498E	PER		NE	05	13N	25E	ENV		N	54.00
64499E	PER		NE	05	13N	25E	ENV		N	54.00
61449	PER	NE	NE	08	13N	25E	MM	Y	N	160.00
18411	CER	NW	NW	09	13N	25E	MM	Y	N	970.11
18706	CER	NE	SW	10	13N	25E	IRR		Y	2,048.00
25813	CER	SW	NE	11	13N	25E	IRR		Y	3,269.63
35867	CER	SE	SW	12	13N	25E	REC		N	3.53
18676	CER	SE	SE	13	13N	25E	IRR	Y	Y	1,452.25
19841	CER	SW	SW	13	13N	25E	IRR		Y	1,260.00
19873	CER	SW	NE	13	13N	25E	IRR		Y	896.36
19744	CER	SW	SE	14	13N	25E	IRR		Y	720.00
62620E	PER	NW	SW	14	13N	25E	ENV		N	50.64
65297	PER	SW	SW	14	13N	25E	MUN	Y	N	598.43
65298	PER	NE	SW	14	13N	25E	MUN	Y	N	537.01
65302	PER	NE	SW	14	13N	25E	MUN	Y	N	112.01
65358	PER	NE	SW	14	13N	25E	MUN	Y	N	723.97
18703	CER	SW	SW	15	13N	25E	IRR		Y	443.20
26213	CER	NW	NW	15	13N	25E	COM		N	1.99
57256	CER	SW	SW	15	13N	25E	IRR		Y	187.60
65296	PER	NW	SE	15	13N	25E	MUN	Y	N	1,085.96
65303	PER	NW	SE	15	13N	25E	MUN	Y	N	112.01
15425	CER	SE	SW	16	13N	25E	MM		N	468.10
25399	CER	SE	SE	16	13N	25E	MM	Y	N	1,628.66
68630	APP	SE	SE	16	13N	25E	IRR		Y	3.00
68761	APP	SE	NE	16	13N	25E	IRR		Y	6.00
18410	CER	NE	NE	17	13N	25E	MM	Y	N	608.13
10763	CER	NE	SE	21	13N	25E	STK		N	44.81
14109	CER	SE	NW	21	13N	25E	MM	Y	N	0.00
14111	CER	NW	NE	21	13N	25E	MM	Y	N	0.00
15424	CER	NE	NW	21	13N	25E	MM	Y	N	868.50
16892	CER	SE	SE	21	13N	25E	STK		N	90.47
45226	CER	NE	SE	21	13N	25E	IND		N	0.25
65295	PER	SE	NE	21	13N	25E	MUN	Y	N	1,085.96
65301	PER	SE	NE	21	13N	25E	MUN	Y	N	112.01
65357	PER	SE	NE	21	13N	25E	MUN	Y	N	361.98
68686T	APP	SE	NE	21	13N	25E	IRR		Y	3,269.63
30926	CER	NW	SW	22	13N	25E	IRR		Y	620.00
54473	CER	SW	SW	22	13N	25E	IRR		Y	97.52
65300	PER	SE	SW	22	13N	25E	MUN	Y	N	723.97
19667	CER	SE	SE	23	13N	25E	IRR		Y	1,132.00
19068	CER	SW	NE	24	13N	25E	IRR	Y	Y	2,652.00
19101	CER	SW	NW	24	13N	25E	IRR		Y	1,193.68
25633	CER	SW	NW	24	13N	25E	IRR	Y	Y	1,400.00
53028	CER	SE	SW	24	13N	25E	STK		N	4.36
61681	CER	NW	NW	24	13N	25E	STK	Y	N	22.40
62252	PER	NW	NW	24	13N	25E	COM	Y	N	54.32
14377	CER	SW	SW	25	13N	25E	DOM		N	3.22
18866	CER	SE	SW	25	13N	25E	STK		N	11.29
38153	CER	NE	NW	25	13N	25E	QM		N	2.95

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
57247	CER	SE	SW	25	13N	25E	IRR	Y	Y	1,016.00
30190	CER	SE	SE	26	13N	25E	IRR		Y	616.00
30439	CER	SE	NW	26	13N	25E	IRR		Y	729.20
54860	CER	SE	NE	26	13N	25E	IRR		Y	589.92
55676	CER	SE	NE	26	13N	25E	IRR		Y	140.00
59997	CER	NW	SW	26	13N	25E	COM		N	1.00
26099	CER	NW	NE	27	13N	25E	REC		N	192.36
41363	CER	SW	SE	27	13N	25E	IRR		Y	1,646.20
60553	CER	NW	NE	27	13N	25E	REC	Y	N	43.48
60554	CER	NW	NE	27	13N	25E	REC	Y	N	12.93
60555	CER	NW	NE	27	13N	25E	REC	Y	N	33.73
60556	CER	NW	NE	27	13N	25E	REC	Y	N	23.59
60702	PER	NW	NE	28	13N	25E	QM	Y	N	401.81
61718	PER	NW	NE	28	13N	25E	QM	Y	N	401.81
68629	APP	NW	NE	28	13N	25E	QM		N	7.00
18588	CER	NE	SW	33	13N	25E	IRR		Y	20.00
18589	CER	NE	SW	33	13N	25E	IRR		Y	20.00
22671	CER	NE	SW	33	13N	25E	DOM		N	3.22
65299	PER	NW	NE	33	13N	25E	MUN	Y	N	723.97
30166	CER	NE	SW	34	13N	25E	IRR		Y	1,460.00
18682	CER	NW	SE	35	13N	25E	IRR		Y	792.00
19829	CER	SW	SW	35	13N	25E	IRR		Y	1,388.00
30193	CER	SE	NW	35	13N	25E	IRR		Y	424.32
14379	CER	SE	SE	36	13N	25E	DOM		N	3.22
18736	CER	SW	SE	36	13N	25E	IRR		Y	456.00
30362	CER	NW	SW	36	13N	25E	IRR		Y	752.00
54842	CER	SE	NW	36	13N	25E	IRR		Y	486.36
55677	CER	SE	NW	36	13N	25E	IRR		Y	258.96
65278	PER	NE	NW	36	13N	25E	IRR		Y	34.72
68005	PER	NE	NW	36	13N	25E	IRR		Y	3.64
15975	CER	SW	NW	02	13N	26E	DOM		N	0.80
35325	CER	NW	NW	02	13N	26E	IRR		Y	166.00
47672	CER		LT03	02	13N	26E	STK		N	13.04
67133	PER	NW	NW	02	13N	26E	IRR		N	38.00
31565	CER	SE	SW	03	13N	26E	QM	Y	N	20.25
45718	PER	SE	SW	03	13N	26E	QM	Y	N	145.71
49093	CER	SE	SE	03	13N	26E	QM		N	0.43
54391	PER	SE	SW	03	13N	26E	QM	Y	N	2.24
59367	PER	SE	SW	03	13N	26E	QM	Y	N	2.24
30521	CER	NE	SW	04	13N	26E	IRR	Y	Y	983.72
48636	CER	SE	SE	04	13N	26E	QM		N	0.37
68455T	PER	NE	SW	04	13N	26E	IRR	Y	Y	560.00
24013	CER	NW	SE	05	13N	26E	IRR	Y	Y	900.00
30265	CER	SW	SE	05	13N	26E	IRR		Y	80.00
68308	RFA	NE	NE	05	13N	26E	STK		N	0.00
68309	RFA	NW	SE	05	13N	26E	IRR		Y	41.64
68310	RFA	NW	SE	05	13N	26E	IRR		Y	121.04
68311	RFA	NW	SE	05	13N	26E	IRR		Y	8.20
68456T	PER	NW	SE	05	13N	26E	IRR	Y	Y	560.00
18819	CER	NW	NE	06	13N	26E	STK		N	5.59
19750	CER	SE	SE	06	13N	26E	IRR		Y	468.00

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
67452T	PER	SE	SE	06	13N	26E	IRR		Y	0.00
30068	CER	NW	NW	07	13N	26E	IRR		Y	1,448.80
30263	CER	SE	NE	07	13N	26E	IRR		Y	579.76
28290	CER	NW	NE	08	13N	26E	IRR		Y	86.00
43168	CER	SE	SE	08	13N	26E	QM		N	1.10
65001	PER	SW	SE	08	13N	26E	IRR		Y	17.00
14632	CER	NW	NE	09	13N	26E	IRR		N	273.00
17100	CER	NW	SE	09	13N	26E	IRR		N	20.80
30383	CER	NW	SE	09	13N	26E	IRR		N	775.64
46884	CER	NE	NE	09	13N	26E	QM		N	2.24
48283	CER	NW	NE	09	13N	26E	QM		N	0.61
62495	PER	NE	NW	09	13N	26E	COM		N	2.03
41985	PER	NE	NW	10	13N	26E	QM	Y	N	18.29
41155	CER	NE	NW	16	13N	26E	QM		N	1.01
44503	CER	NE	NW	16	13N	26E	STK		N	0.74
50668	CER	NW	SW	17	13N	26E	STK		N	3.38
62316	PER	NW	NE	17	13N	26E	COM		N	2.03
48616	CER	NW	SE	18	13N	26E	IRR	Y	Y	21.20
59091	CER	SE	SW	18	13N	26E	STK		N	8.96
66897	PER	NW	SE	18	13N	26E	IRR	Y	Y	48.80
66898	PER	NW	SE	18	13N	26E	IRR	Y	Y	1,274.00
66899	PER	NW	SE	18	13N	26E	IRR	Y	Y	13.60
66900	PER	SW	NE	18	13N	26E	IRR	Y	Y	386.40
14378	CER	NW	SE	31	13N	26E	DOM		N	3.22
19077	CER	SE	SE	31	13N	26E	IRR		Y	320.00
36330	CER	SE	SE	31	13N	26E	IRR		Y	388.80
56798	PER	NW	SW	31	13N	26E	IRR		Y	109.33
61249	CER	SW	SE	31	13N	26E	IRR		Y	6.00
61875	RFA	NW	SW	31	13N	26E	IRR		Y	149.33
61876	RFA	NW	SW	31	13N	26E	IRR		Y	34.00
47649	CER	SW	NW	34	13N	26E	STK		N	4.63
47650	CER	NW	SE	08	13N	27E	STK		N	3.25
49836	CER	NW	SE	32	13N	27E	STK		N	7.24
65211	PER	SE	NE	01	14N	24E	IRR		Y	1,448.00
66038	PER	NW	NE	12	14N	24E	COM	Y	N	38.48
66039	PER	SW	NE	12	14N	24E	COM	Y	N	21.79
66193	PER	SW	NE	12	14N	24E	COM	Y	N	89.43
67035	PER	SW	NE	12	14N	24E	COM	Y	N	36.00
15475	CER	SW	NW	36	14N	24E	STK		N	2.18
26312	CER	SE	NE	01	14N	25E	IND	Y	N	2,239.98
18931	CER	SW	NE	02	14N	25E	IRR		Y	1,602.96
45323	PER	SW	NW	03	14N	25E	COM		N	7.40
58165	PER	SE	SE	03	14N	25E	IRR		Y	30.00
58170	CER	SW	SW	03	14N	25E	COM		N	2.80
63445	PER	SW	SW	03	14N	25E	COM		N	2.02
65262	PER	SE	SE	03	14N	25E	IRR	Y	Y	874.00
65263	PER	SE	SE	03	14N	25E	IRR	Y	Y	507.68
68398	RFP	SE	SE	03	14N	25E	IRR		Y	456.56
68400	RFP	SE	SE	03	14N	25E	IRR		Y	456.56
18729	CER	SE	NW	04	14N	25E	IRR	Y	Y	952.00
25201	CER	SE	NW	04	14N	25E	IRR	Y	Y	744.00

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
30409	CER	SW	SW	04	14N	25E	IRR		Y	1,345.60
58753	PER	SW	SE	04	14N	25E	IRR	Y	Y	2,296.00
51014	CER	NE	NE	05	14N	25E	IRR	Y	Y	1,233.60
21921	CER	SE	SE	06	14N	25E	IRR	Y	Y	1,898.00
51768	CER	SE	SE	06	14N	25E	IRR	Y	Y	275.19
65209	PER	SW	SW	06	14N	25E	IRR		Y	422.00
65210	PER	NE	NW	07	14N	25E	IRR		Y	2,080.00
68008	PER	SE	SE	07	14N	25E	IRR	Y	Y	2,485.68
18735	CER	SE	NE	08	14N	25E	IRR		Y	1,060.00
27943	CER	SE	NE	08	14N	25E	IRR		Y	400.00
68004	PER	SW	SE	08	14N	25E	IRR	Y	Y	2,100.68
68006	PER	SW	SE	08	14N	25E	IRR	Y	Y	308.36
19838	CER	SE	SE	09	14N	25E	IRR		Y	148.00
19839	CER	SE	SE	09	14N	25E	IRR		Y	544.00
19840	CER	SE	SE	09	14N	25E	IRR		Y	228.00
58752	PER	SW	SW	10	14N	25E	IRR	Y	Y	2,928.00
58756	PER	NW	SW	10	14N	25E	IRR	Y	Y	1,159.11
65096	PER	SE	NE	10	14N	25E	IRR	Y	Y	235.32
65264	PER	SW	NE	10	14N	25E	IRR	Y	Y	720.12
65265	PER	SW	NE	10	14N	25E	IRR	Y	Y	808.98
68003	PER	SE	NE	10	14N	25E	IRR	Y	Y	139.32
68399	RFP	SE	NE	11	14N	25E	IRR		Y	612.00
68401	RFP	SE	NE	11	14N	25E	IRR		Y	235.32
26311	CER	NE	NE	12	14N	25E	IND	Y	N	3,155.07
61575	PER	NE	NE	12	14N	25E	WLD	Y	N	2,000.00
18925	CER	SE	SW	15	14N	25E	IRR	Y	Y	1,416.00
58754	PER	SW	NE	15	14N	25E	IRR	Y	Y	299.31
58757	PER	SW	NE	15	14N	25E	IRR	Y	Y	392.00
58758	PER	SW	NE	15	14N	25E	IRR	Y	Y	219.49
58759	PER	SW	NE	15	14N	25E	IRR	Y	Y	120.89
18672	CER	SE	SE	16	14N	25E	IRR		Y	494.80
27929	CER	SE	SW	16	14N	25E	IRR		Y	1,081.20
67947	PER	SE	SE	16	14N	25E	IRR		Y	73.12
68055	PER	NE	SE	16	14N	25E	IRR		Y	20.08
49424	CER	SW	NE	19	14N	25E	STK		N	2.18
58527	PER	SE	SE	19	14N	25E	MM		N	773.00
23356	CER	SE	SE	20	14N	25E	IRR		Y	120.00
58174	CER	NW	SE	21	14N	25E	IRR		Y	466.88
66139	PER	NW	NE	22	14N	25E	COM		N	148.00
18934	CER	SW	NE	25	14N	25E	IRR		Y	1,182.72
58105	CER	SW	SW	25	14N	25E	STK		N	4.48
30169	CER	NE	NW	27	14N	25E	IRR	Y	Y	740.92
57865	CER	SW	NE	27	14N	25E	STK		N	3.60
57866	CER	SW	NE	27	14N	25E	IRR		Y	553.16
57867	PER	SW	NE	27	14N	25E	IRR		Y	1,447.90
60704	CER	SW	NW	27	14N	25E	IRR	Y	Y	2,222.76
20698	CER	SW	SE	29	14N	25E	IRR		N	27.20
23913	CER	SW	NE	29	14N	25E	IRR		N	20.00
49425	CER	NW	SE	31	14N	25E	STK		N	2.18
23833	CER	SE	NE	33	14N	25E	QM	Y	N	19.09
36633	PER	SE	NE	33	14N	25E	QM	Y	N	377.47

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
57079	CER	NE	NW	33	14N	25E	STK		N	8.50
60352	PER	SE	NE	33	14N	25E	MUN	Y	N	19.09
60353	PER	SE	NE	33	14N	25E	MUN	Y	N	377.47
67034	PER	SE	SW	33	14N	25E	IRR	Y	Y	405.42
67202	PER	SE	SW	33	14N	25E	IRR	Y	Y	1,217.41
67203	PER	SE	SW	33	14N	25E	IRR	Y	Y	743.52
18986	CER	NW	SW	34	14N	25E	IRR		Y	924.00
64605	PER	NW	SW	07	14N	26E	QM		N	10.00
46709	CER	SW	SW	13	14N	26E	STK		N	13.44
60562	PER	SE	SW	17	14N	26E	REC	Y	N	138.92
64609	PER	SE	SW	17	14N	26E	REC	Y	N	196.45
20821	CER	NE	NW	18	14N	26E	IRR		Y	423.20
50704	CER	SE	NW	18	14N	26E	WLD	Y	N	108.60
60557	CER	NE	SW	18	14N	26E	REC	Y	N	861.50
60558	CER	NE	SW	18	14N	26E	REC	Y	N	861.50
60559	CER	SE	NW	18	14N	26E	REC	Y	N	1,180.07
60560	CER	NE	NW	18	14N	26E	REC	Y	N	844.76
60561	CER	NE	NW	18	14N	26E	REC	Y	N	844.76
64604	PER	NE	NW	18	14N	26E	REC	Y	N	181.67
64606	PER	SE	NW	18	14N	26E	REC	Y	N	50.04
64607	PER	NE	NW	18	14N	26E	REC	Y	N	181.63
64608	PER	SE	NW	18	14N	26E	REC	Y	N	131.58
64610	PER	NE	SW	18	14N	26E	REC	Y	N	160.31
64611	PER	NE	SW	18	14N	26E	REC	Y	N	160.31
64646	PER	SE	NW	18	14N	26E	QM		N	40.00
31826	CER	SE	SE	19	14N	26E	STK		N	7.86
66112	PER	NW	SW	19	14N	26E	COM	Y	N	36.00
66889	PER	NW	SW	19	14N	26E	COM	Y	N	20.00
16034	CER	NE	NE	22	14N	26E	IRR		N	159.60
29299	CER	SE	NW	22	14N	26E	IRR		N	920.52
30447	CER	NE	NE	22	14N	26E	IRR		N	955.24
68714T	APP	NE	NE	22	14N	26E	IRR		N	82.40
68715	APP	NE	NE	22	14N	26E	IRR		N	82.40
47116	CER	SE	SW	23	14N	26E	QM		N	0.12
15946	CER	SE	NW	26	14N	26E	IRR	Y	N	100.00
25916	CER	SW	SW	26	14N	26E	IRR		N	632.00
66896	PER	SE	NW	26	14N	26E	IRR	Y	N	31.92
27839	CER	SW	SE	29	14N	26E	IRR		Y	700.00
66887	PER	SW	NW	30	14N	26E	IRR	Y	Y	0.00
66888	PER	SW	NW	30	14N	26E	IRR	Y	Y	319.00
18806	CER	SW	SE	31	14N	26E	IRR		Y	1,560.00
18820	CER	NE	SW	31	14N	26E	STK		N	6.66
19599	CER	SE	SW	31	14N	26E	IRR		Y	1,130.50
18712	CER	SW	NW	32	14N	26E	IRR		Y	620.00
19062	CER	SE	NW	32	14N	26E	IRR		Y	464.00
19661	CER	SE	NE	32	14N	26E	IRR		Y	1,240.00
27123	CER	SE	NE	32	14N	26E	IRR		Y	504.00
30990	CER	SW	SE	32	14N	26E	IRR		Y	1,328.40
21582	CER	SW	SE	34	14N	26E	IRR		N	20.92
30218	CER	NW	SE	34	14N	26E	IRR		N	30.92
57254	CER	SE	NE	34	14N	26E	IRR		N	280.00

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

APPLICATION NUMBER	STATUS	¼	¼	SECTION	TOWNSHIP	RANGE	USE	SUPP	SUPP	DUTY (Acre-Feet)
								TO OTHER GW	TO WALKER RIVER	
17386	CER	SE	NE	35	14N	26E	DOM		N	1.60
28743	CER	NW	SW	35	14N	26E	IRR		N	82.40
45784	CER	SW	NW	35	14N	26E	IRR		N	36.00
48290	CER	SW	NW	35	14N	26E	IRR		N	44.00
51547	CER	NW	SW	15	15N	25E	IND		N	1,084.96
62362	CER	NW	SW	15	15N	25E	IND		N	451.92
62460	PER	NW	SW	15	15N	25E	WLD		N	1,230.75
62461	PER	NW	SW	15	15N	25E	WLD		N	1,303.17
45594	CER	NE	SW	21	15N	25E	IND		N	1,130.86
51100	PER	NE	SW	21	15N	25E	IND		N	238.88
61710	PER	SE	SE	21	15N	25E	COM		N	1.50
61207	CER	SW	SW	22	15N	25E	IND	Y	N	8.96
61208	CER	SW	SW	22	15N	25E	IND	Y	N	8.96
16546	CER	SE	NE	28	15N	25E	DOM		N	0.95
43320	CER	NE	NW	31	15N	25E	STK		N	2.24
52506	CER	NE	NE	31	15N	25E	STK		N	4.36
65208	PER	SW	SW	31	15N	25E	IRR		Y	422.00
19516	CER	NE	NE	32	15N	25E	IRR		Y	1,694.00
30192	CER	SW	NE	34	15N	25E	IRR		Y	612.00
58755	PER	SW	NE	34	15N	25E	IRR	Y	Y	600.00
65777	PER	SW	NE	34	15N	25E	IRR		Y	116.67
65778	PER	SW	NE	34	15N	25E	IRR		Y	149.33
65779	PER	SW	NE	34	15N	25E	IRR		Y	34.00

End of Report

Preliminary Data - Subject to Revision

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N10 E26 31AA										
108 N11 E25 01ABDD1	15475		0.00							
	18715									
1994		410.00	880.19							
1995				25.73						
1996					0.00					
1997						7.37				
1998							2.79			
1999								43.74		
2000									354.82	
2001										914.78
108 N11 E25 01ACCB1										
	56020									
	18707									
1994		649.00	429.05							
1995				105.30						
1996					83.87					
1997						200.97				
1998							82.74			
1999								141.37		
2000									1346.54	
2001										1448.57
108 N11 E25 01ADCD1										
	18707									
	56020									
1994			826.54							
1995				100.00						
1996					18.74					
1997						0.00				
1998							0.00			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999									0.00	
2000										508.05
2001										697.35
108 N11 E25 01BC										
108 N11 E25 01CCDD1	13911		0.00							
	54419									
	49250									
	30517									
1994			1468.54							
1995				28.25						
1996					9.46					
1997						0.00				
1998							0.00			
1999								51.98		
2000									721.76	
2001										202.06
108 N11 E25 02DCCC1										
	30518									
	12389									
	30517									
1994		1022.44	1245.54							
1995				0.00						
1996					212.44					
1997						0.00				
1998							0.00			
1999								136.56		
2000									101.59	
2001										185.07
108 N11 E25 10CDCC1										
	28042	113.70								
2001										0.00

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N11 E25 10DBCA1	19758									
1994		348.82	753.79							
1995				1.00						
1996					150.58					
1997						60.68				
1998							6.73			
1999								200.72		
2000									0.00	
2001										900.67
2002										900.67
108 N11 E25 10DBCA2										
1999								1.00		
2000									0.00	
2001										1.00
108 N11 E25 10DCCC1										
2001										104.66
108 N11 E25 11ACAA1	12389									
1994		468.60	0.00							
1995				0.00						
1996					0.00					
1997						0.00				
1998							0.00			
1999								0.00		
2000									0.00	
2001										0.00
108 N11 E25 11ACAB1	12389									
	30517									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	30518									
	57261									
	57262									
1994			769.73							
1995				77.12						
1996					263.31					
1997						155.77				
1998							5.50			
1999								200.07		
2000									605.35	
2001										779.50
108 N11 E25 11BCDD1										
	19935									
1994		144.90	753.37							
1995				9.80						
1996					316.36					
1997						249.42				
1998							117.62			
1999								103.92		
2000									716.13	
2001										805.10
108 N11 E26 04BADD1	57188									
1994	57576	70.24	0.00							
1995				2.84						
1996					7.45					
1997						0.00				
1998							5.38			
1999								27.98		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000										0.00
2001										0.00
108 N11 E26 04BB										
108 N11 E26 04BB	45411		0.00							
108 N11 E26 20BD	45413		0.00							
108 N11 E26 33CA	46831		0.00							
108 N12 E25 01AADD1	46830		0.00							
	58482									
	58481									
1994		224.00	394.94							
1995				26.26						
1996					0.02					
1997						0.00				
1998							0.00			
1999								119.58		
2000									212.84	
2001										228.86
108 N12 E25 01BDDD1										
	28195									
	19113									
1994		334.00	1620.02							
1995				1204.08						
1996					844.35					
1997						1329.36				
1998							689.10			
1999								409.32		
2000									1074.11	
2001										1072.71
108 N12 E25 01ADDC1										
	58481									
1994		224.00	1105.92							
1995				46.97						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1996					167.42						
1997							79.44				
1998								56.29			
1999									54.29		
2000										260.55	
2001											283.65
108 N12 E25 01DACC1	28194										
1994		100.00	415.86								
1996				36.73							
1996					361.36						
1997							82.24				
1998								204.23			
1999									293.01		
2000										232.08	
108 N12 E25 02D8DD1	19113									0.00	
1994		192.50	611.31								
1995				67.90							
1996					392.36						
1997							185.71				
1998								323.87			
1999									314.50		
2000										695.84	
2001											732.94
108 N12 E25 03BCDC1	19828										
	60495										
1994		179.20	637.24								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				20.27						
					47.70					
							107.03			
								43.59		
									1080.38	
										1446.82
										693.95
108 N12 E25 03CADD1	24583									
		152.00	710.35							
				65.33						
					269.47					
							257.58			
								346.91		
									466.40	
										449.58
										782.66
108 N12 E25 04BBAA1										
					527.27					
							308.14			
								1.01		
									1.43	
										1.76
										1.05
108 N12 E25 04BBAA2										
							59.12			
								0.56		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999								5.10		
2000									2.91	
2001										1.95
108 N12 E25 08DC										
108 N12 E25 09DADD1	59847		0.00							
	19728									
108 N12 E25 10CDDD1							0.00			
	51938									
	13148									
1994		393.00	829.00							
1995				272.98						
1996					157.09					
1997							33.62			
1998								7.14		
1999									0.00	
2000										920.09
2001										396.68
108 N12 E25 11AABB1										
	56251									
1994		185.00	633.47							
1995				108.68						
1996					6.72					
1997							160.71			
1998								160.32		
1999									224.43	
2000										387.30
2001										441.30
108 N12 E25 11AADC1										
	28067									
1994		185.00	432.93							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1995				475.63						
1996					582.29					
1997						370.16				
1998							355.50			
1999								519.56		
2000									866.51	
2001										846.41
108 N12 E25 11BCDC1	30396									
1994		138.10	1503.11							
1995				0.00						
1996					95.98					
1997						9.37				
1998							15.80			
1999								121.89		
2000									489.42	
2001										1064.26
108 N12 E25 11CADD1	19706									
1994		359.00	816.89							
1995				10.47						
1996						0.00				
1997							613.91			
1998								2103.34		
1999									106.59	
2000										218.48
2001										492.40
108 N12 E25 11CCDC1										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	65384									
2000		29.02								98.76
2001		29.02								348.29
108 N12 E25 12BADA1										
2000										63.68
108 N12 E25 12BCAD1										0.00
1994		121.20	648.89							
1995				96.23						
1996					164.01					
1997						169.20				
1998							297.08			
1999								341.39		
2000									264.16	
2001										299.41
108 N12 E25 12BDDD1										
	18766									
	29621									
1994	58352	168.00	0.00							
1995				0.00						
1996					93.45					
1997						49.79				
1998							59.89			
1999								30.76		
2000									323.77	
2001										256.56
108 N12 E25 12CDAA1										
	28268									
1994		153.00	238.54							
1995				0.00						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
					10.37						
							0.00				
								139.72			
									156.02		
										334.10	
											320.89
108 N12 E25 12DCCC											
108 N12 E25 13CABD	30520	9.20									
108 N12 E25 13CDDB	47013	9.84	0.00								
108 N12 E25 14DCAA1	47014	10.00	0.00								
	18914										
1994		358.90	486.66								
1995				0.00							
1996					0.98						
1997						6.72					
1998							0.00				
1999								0.00			
2000										282.77	
2001											446.07
108 N12 E25 14DDBB1											
	18654										
1994		358.90	935.76								
1995				0.00							
1996					1.92						
1997						13.19					
1998							0.00				
1999											
2000										148.79	
2001											182.65

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N12 E25 15DBAA1	18816									
	6006									
1994		188.00	656.73							
1995				63.01						
1996					141.55					
1997						121.27				
1998							1.32			
1999								0.00		
2000									295.35	
2001										596.08
108 N12 E25 22AADD1	58166									
	58168									
	55955									
	55955									
1994		137.20	614.76							
1995				0.02						
1996					4.31					
1997						19.47				
1998							0.00			
1999								0.06		
2000									118.89	
2001										303.37
108 N12 E25 23BDDA1										
1996					0.00					
1997						0.00				
1998							173.93			
1999								37.22		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000									247.77	
2001										456.30
108 N12 E25 23CDDD1	19062									
1994		122.00	427.53							
1995				0.00						
1996					0.00					
1997						25.76				
1998							176.03			
1999								325.43		
2000									64.34	
2001										261.01
108 N12 E25 23DADD1										
	56597									
	56594									
	56399									
1994		353.06	459.09							
1995				11.07						
1996					0.00					
1997						0.00				
1998							21.92			
1999								46.24		
2000									0.00	
2001										224.07
108 N12 E25 23DADD2										
	56598									
1994		353.06	754.36							
1995				44.35						
1996					0.02					
1997						0.01				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								65.86		
1999									63.81	
2000										383.59
2001										570.41
108 N12 E25 24BBCC1										
	56595									
	56596									
1994			577.25							
1995				149.64						
1996					0.01					
1997						10.26				
1998								16.91		
1999									13.67	
2000										59.90
2001										174.01
108 N12 E25 24B8CD1										
1996					0.03					
1997						3.58				
1998								2.01		
1999									3.72	
2000										4.44
2001										3.72
108 N12 E25 24BCCC										
108 N12 E25 24CCCD1	58486	13.65	0.00							
	18753									
1994		148.35	1613.42							
1995				8.35						
1996					74.85					
1997						260.28				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								63.94		
1999									288.58	
2000										361.30
2001										538.46
108 N12 E25 25CDDD1	19057									
1994		24.00	982.22							
1995				0.23						
1996					49.70					
1997						13.10				
1998								140.21		
1999									276.86	
2000										734.57
2001										1051.52
108 N12 E25 27ADDD1	25892									
	9217									
1994		234.00	795.30							
1995				48.21						
1996					214.67					
1997						12.34				
1998								19.79		
1999									82.95	
2000										440.79
2001										728.89
108 N12 E25 34ADAAA										
108 N12 E25 35DCDD2				0.00						
	13879									
	5074									
1994		502.00	789.23							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1995				62.30							
1996					144.56						
1997						93.56					
1998							15.74				
1999								40.94			
2000									422.48		
2001										775.59	
108 N12 E26 03BD											
108 N12 E26 04BAAA	20387		0.00								
	16889										
108 N12 E26 06AACC1	20387	38.00	0.00								
	30992										
1994		118.90	645.60								
1995				0.00							
1996					393.57						
1997						391.25					
1998							140.19				
1999								282.13			
2000									463.33		
2001										571.57	
108 N12 E26 06AACC2											
2000		118.90								0.00	
2001											
108 N12 E26 06BDD1											
	18867										
1994		254.00	856.13								
1995				11.63							
1996					102.50						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1997							106.96			
1998								57.28		
1999									114.60	
2000										644.22
2001										468.52
108 N12 E26 06BDDD1	26368									
1994		153.00	437.65							
1995				92.75						
1996					325.62					
1997						331.02				
1998							265.67			
1999								343.73		
2000									417.49	
2001										550.07
108 N12 E26 06CDBB3	18730									
1994		162.00	776.54							
1995		162.00		168.62						
1996										
1997		148.30				410.77				
1998		148.30					391.81			
1999		148.30						618.35		
2000		148.30							729.99	
2001		148.30								563.33
108 N12 E26 06CDBC2	30050									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1994		148.30	488.88								
1995				106.18							
1996					290.89						
1997						258.60					
1998							246.67				
1999								389.28			
2000									459.57		
2001										201.29	
108 N12 E26 06CDDA1											
108 N12 E26 31DBCD							0.00				
108 N12 E26 33CB	57188	60.00	0.00								
108 N12 E26 33CB	45408		0.00								
108 N12 E26 33CC	45410		0.00								
108 N12 E26 33CC	45409		0.00								
108 N12 E27 04BCC	45412		0.00								
108 N12 E27 04CB	49835		0.00								
108 N13 E25 01CCAB	49413		0.00								
108 N13 E25 01DBCC2	27302		0.00								
	30259										
1994		336.60	1008.33								
1995				131.89							
1996					303.40						
1997						78.54					
1998							81.54				
1999								282.67			
2000									421.21		
2001										1115.03	
108 N13 E25 01DD											
108 N13 E25 03AADD1	33522		0.00								
	51939										
	58027										
1994		252.80	735.03								

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				4.40						
					6.75					
						18.02				
							0.00			
								8.63		
									115.43	
										642.60
108 N13 E25 04ABAA1										
2000		252.80							1082.94	
										1554.49
2001										
108 N13 E25 04ACBB1										
	45856									
	53913									
1994		670.50	522.04							
1995				339.18						
1996					299.67					
1997						270.72				
1998							0.17			
1999								295.56		
2000									0.00	
										0.00
2001										
108 N13 E25 04BBCB2										
	56856									
1994			612.45							
1995				347.86						
1996					236.84					
1997						506.86				
1998							228.83			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
									4.17		
										33.95	
108 N13 E25 05BD											0.00
108 N13 E25 09BB	23793		0.00								
108 N13 E25 10CACC1	18411		0.00								
	18706										
1994		512.00	997.40								
1995				155.91							
1996					225.90						
1997						116.74					
1998							0.02				
1999								0.00			
2000										368.47	
2001											677.10
108 N13 E25 11ADBB1											
	25813										
1994		11774.26	1779.34								
1995				0.00							
1996					0.00						
1997						0.00					
1998							0.00				
1999								0.00			
2000										1437.43	
2001											1866.16
108 N13 E25 12DCDB											
108 N13 E25 13ACCC1	35867	3.53	0.00								
	19873										
1994		224.09	1349.90								
1995				0.00							
1996					328.78						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1997						155.87				
1998								21.98		
1999									185.69	
2000										882.24
2001										1234.25
108 N13 E25 13CCCD1	19841									
1994		315.00	1092.91							
1995				531.67						
1996					473.86					
1997						500.75				
1998							478.87			
1999								513.25		
2000									454.31	
2001										1019.51
108 N13 E25 13DDDD3	18676									
1994		434.00	1196.76							
1995				0.04						
1996					9.98					
1997						42.03				
1998							54.75			
1999								98.26		
2000									393.52	
2001										969.15
108 N13 E25 14CACC1										
1996					0.00					
1997						0.00				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								0.00		
1999									0.00	
2000										0.83
2001										157.01
108 N13 E25 14CADD1										
1994			804.59							
1995				482.90						
1996					916.57					
1997						214.21				
1998							121.24			
1999								271.49		
2000									387.84	
2001										199.77
108 N13 E25 14CC										
108 N13 E25 14DCCD1	24692		0.00							
	19744									
1994		180.00	954.28							
1995				244.21						
1996					261.82					
1997						335.46				
1998							97.09			
1999								91.38		
2000									686.20	
2001										776.47
108 N13 E25 15BBCC1										
108 N13 E25 15CCBD1	26213		0.00							
	18703									
	57526									
1994		46.90	1081.50							
1995				153.74						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
					211.43					
							260.32			
								162.83		
									393.40	
										560.41
										500.11
108 N13 E25 15DA										
108 N13 E25 15DBDD	10592		0.00							
	22788									
1994			263.30							
1995				341.23						
1996					205.98					
1997							396.67			
1998								266.63		
1999									306.31	
2000										430.78
2001										461.49
108 N13 E25 16DDCD1										
108 N13 E25 17AABB1	25399		0.00							
108 N13 E25 21ABAD1	18410		7.67							
108 N13 E25 21AC	14111		482.83							
108 N13 E25 21ADDA1	14110		0.00							
	18704	84.80								
1997							1051.26			
108 N13 E25 21BA								0.00		
108 N13 E25 21D	15424		0.00							
1999										
2000										
2001										
108 N13 E25 21DACD										
	10763									

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								0.00		
108 N13 E25 21DA										
108 N13 E25 21DDBA	45226		0.00							
	16892									
1998								0.00		
108 N13 E25 22CC										
	54473									
1996		24.38			166.41					
1997						7.28				
1998								0.00		
1999									0.00	
2000										58.63
108 N13 E25 22CBBB1										0.00
	30926									
1994		155.00	1520.11							
1995				643.43						
1996					175.45					
1997						900.62				
1998							836.77			
1999								925.79		
2000									222.24	
2001										0.00
108 N13 E25 22CCBB1										
	54473									
1994		38.45	714.02							
1995				123.33						
1996					189.98					
1997						152.07				
1998							97.10			
1999								136.17		
2000									288.76	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										425.31
108 N13 E25 22CDDDD1	45393									
1999								74.76		
2000									75.91	
2001										293.96
108 N13 E25 23DDDC1	19667									
1994		283.00	1284.51							
1995				159.54						
1996					128.19					
1997						72.95				
1998							6.18			
1999								60.02		
2000									555.15	
2001										1513.01
108 N13 E25 24ACBB1	19068									
1994		240.00	991.74							
1995				16.18						
1996					0.00					
1997						50.45				
1998							11.87			
1999								43.37		
2000									164.64	
2001										771.74
108 N13 E25 24BBD1										
1997						0.00				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998										
1999									42.88	
2000										45.84
2001										37.27
108 N13 E25 24BCCC1	19101									
	25633									
1994		312.00	1269.68							
1995				473.15						
1996					582.70					
1997						62.16				
1998							821.395			
1999								760.81		
2000									1104.44	
2001										1551.93
108 N13 E25 24CD										
108 N13 E25 25BACC	53028		0.00							
108 N13 E25 25CC	38153		0.00							
108 N13 E25 25CDDA2	14377		0.00							
	18866									
1999								1.00		
2000									1.00	
2001										1.00
108 N13 E25 25CDCC1	57247									
1994		138.00	622.04							
1995				0.00						
1996					132.79					
1997						8.80				
1998							27.40			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000									599.99	
2001										652.42
108 N13 E25 26BDCC1	30439									
1994		182.30	896.04							
1995				779.51						
1996					588.20					
1997						110.68				
1998							126.27			
1999								101.31		
2000									463.51	
2001										589.99
108 N13 E25 26CBDD1	55676 54860									
1994		191.00	346.27							
1995				0.94						
1996					0.00					
1997						0.00				
108 N13 E25 26CBDD2	59997						0.00			
1994			1.00							
1995				1.00						
1996					1.00					
1997						1.00				
1998							1.00			
1999								1.00		
2000									8.00	
2001										1.47
108 N13 E25 26CBDD3										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1994			4.53							
1995				2.37						
1996					3.88					
1997						11.19				
1998							13.99			
1999								10.74		
2000									4.93	
2001										0.93
108 N13 E25 26DAAA1										
1994			560.55							
1995				96.89						
1996					129.92					
1997						131.37				
1998							72.12			
1999								55.79		
2000									36.90	
2001										483.93
108 N13 E25 26DDCC1										
	30190									
1994		154.00	639.62							
1995				52.52						
1996					146.55					
1997						81.17				
1998							20.69			
1999								247.24		
2000									433.33	
2001										438.71

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N13 E25 27ABDB1										
1994			283.02							
1995				276.26						
1996					205.61					
1997						70.56				
1998							202.69			
1999								298.54		
2000									244.85	
2001										336.60
108 N13 E25 27DCCD2	41363									
1994		411.55	1910.22							
1995				380.52						
1996					480.27					
1997						321.78				
1998							196.51			
1999								109.54		
2000									887.53	
2001										1370.37
108 N13 E25 28DB										
108 N13 E25 33ABAB1	57106		0.00							
	45393									
1999								500.66		
2000									272.47	
2001										185.08
108 N13 E25 33BD										
108 N13 E25 33CA			0.00							
108 N13 E25 33CA2	18588	5.00	0.00							
108 N13 E25 34CDAB1	22671		0.00							
	30166									
1994		365.00	1332.12							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				602.70						
					627.19					
						625.17				
							600.13			
								600.00		
									504.16	
										950.38
108 N13 E25 35BDCC1	30193									
		135.10	515.94							
				93.12						
					134.74					
						100.00				
							100.00			
								287.18		
									212.61	
										308.77
108 N13 E25 35CCDD1	19829									
		347.00	1081.51							
				100.56						
					296.02					
						29.92				
							17.16			
								11.53		
									508.29	
										791.57
108 N13 E25 35DBCC1										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	18682									
1994		198.00	1194.14							
1995				24.53						
1996					0.07					
1997						0.01				
1998							0.00			
1999								33.18		
2000									615.66	
2001										1002.21
108 N13 E25 36BDBC1										
	55677									
	54842									
1994		224.08	752.76							
1995				440.20						
1996					307.84					
1997						138.77				
1998							107.05			
1999								135.33		
2000									715.43	
2001										1017.38
108 N13 E25 36CBDD1										
	30362									
1994		188.00	739.73							
1995				40.16						
1996					194.22					
1997						338.53				
1998							38.90			
1999										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000									712.22	
2001										692.75
108 N13 E25 36DCAD1	18736									
1994		114.00	610.82							
1995				5.63						
1996					170.42					
1997						159.44				
1998							165.27			
1999								269.13		
2000									369.71	
2001										783.73
108 N13 E25 36DD										
108 N13 E26 02BBCA1	14379		0.00							
	35325									
1994		41.50	101.63							
1995				113.55						
1996					182.83					
1997						198.24				
1998							178.99			
1999								110.18		
2000									119.42	
2001										104.68
108 N13 E26 02BABB										
108 N13 E26 02BC	47672		0.00							
108 N13 E26 03CDCBN	15975		0.00							
	54391									
	45718									
	31565									
1994			394.93							
1995				277.58						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
					448.09						
							446.27				
								0.84			
									356.96		
											0.00
108 N13 E26 03CDCBS											
							0.00				
								0.00			
108 N13 E26 03DD									0.00		
108 N13 E26 04CADD1			0.00								
	30521										
		396.67	817.58								
					376.63						
						632.66					
							598.54				
								386.86			
									471.17		
										633.54	
											751.24
108 N13 E26 04DDCA1											
108 N13 E26 05DBCD1	48636		0.00								
	24013										
		396.67	856.42								
					500.33						
						343.21					
							412.82				
								383.74			
									756.57		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000										877.86
2001										942.38
108 N13 E26 05DCBC										
1995	30265	20.00		0.00						
1996					0.00					
1997							0.00			
1998								0.00		
1999									0.00	
2000										34.90
2001										57.96
108 N13 E26 06AB										
108 N13 E26 06DDBB1	18819									
	19750									
108 N13 E26 06DBDD2		117.00	0.00							
	19750									
1994		117.00	483.76							
1995				97.72						
1996					75.82					
1997							135.08			
1998								121.99		
1999									828.42	
2000										1377.05
2001										1513.80
108 N13 E26 07ADBC1										
	30263									
1994		144.94	1330.77							
1995				245.44						
1996					310.11					
1997							291.93			
1998								186.16		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999								1168.76		
2000									1068.13	
2001										505.63
108 N13 E26 07BBDD1	30068									
1994		362.20	1463.30							
1995				160.91						
1996					130.89					
1997						214.97				
1998							136.19			
1999								333.65		
2000									1021.61	
2001										1463.60
108 N13 E26 08ABCD	28290	21.50								
2000									220.89	
2001										199.90
108 N13 E26 08CAAB 1	NONE									
1994			0.00							
1995				0.00						
1996					0.00					
1997						0.00				
1998							0.00			
1999								0.00		
2000									0.00	
2001										0.00
108 N13 E26 08CBBB1	NONE									
1995			0.00							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1996					0.00					
1997							0.00			
1998								0.00		
1999									0.00	
2000										0.00
2001										0.00
108 N13 E26 08CC										
108 N13 E26 09AACB1	43168		0.00							
108 N13 E26 09ABBD1	46884		0.00							
108 N13 E26 09ABCC1	14632	82.00	0.00							
108 N13 E26 09BADD1	48283		0.00							
1999	62495								0.00	
2000										1.86
108 N13 E26 09DBC82										0.00
	30383									
1994		199.11	922.52							
1995				469.93						
1996					1042.04					
1997						1867.26				
1998							869.38			
1999								1014.48		
2000									726.60	
2001										1085.47
108 N13 E26 10BABB1										
	41985									
2001										0.00
108 N13 E26 16BA										
108 N13 E26 17CBBC1	44503		0.00							
	50668									
1994			112.75							
1995				8.57						
1996					7.56					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
							0.73			
								0.47		
									0.80	
										0.66
										1.28
108 N13 E26 18ACCB1	50669	318.50	1301.34							
1994										
1995				1076.43						
1996					1083.55					
1997						0.00				
1998							8.85			
1999								332.08		
2000									541.44	
2001										828.72
108 N13 E26 18DBBC1	36924									
	48616									
1994		318.50	1060.18							
1995				908.23						
1996					1061.47					
1997						899.22				
1998							736.94			
1999								916.12		
2000									1275.55	
2001										1092.61
108 N13 E26 31CABB1										
1995				2.61						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1996					21.30					
1997						15.53				
1998							15.84			
1999								30.18		
2000									37.27	
2001										39.11
108 N13 E26 31CBBD1	56798									
1996		58.00			318.42					
1997						138.64				
1998							54.91			
1999								236.01		
2000									385.23	
2001										315.35
108 N13 E26 31DB	14378									
108 N13 E26 31DCDC1	19114						0.00			
1994			0.00							
1995				2.87						
1996					3.90					
1997						13.88				
1998							25.81			
1999								28.17		
2000									0.00	
2001										0.01
108 N13 E26 31DCDC2										
1995				2.87						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1996					3.90					
1997							13.88			
1998								25.81		
1999									28.17	
2000										30.56
2001										2.00
108 N13 E26 31DDDD1										
2000										0.00
2001										0.00
108 N13 E26 31DDDD2										
	19077									
	36330									
1994		96.00	115.04							
1995				0.00						
1996					791.53					
1997						624.50				
1998							1820.63			
1999								405.98		
2000									0.00	
2001										0.00
108 N13 E26 34BC										
108 N13 E27 08DB	47649		0.00							
108 N13 E27 32DC	47650		0.00							
108 N14 E24 01ADCC1	49836		0.00							
	53315									
1994		520.00	1683.93							
1995				1734.71						
1996					1414.38					
1997						1606.67				
1998							1159.95			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999									1388.94	
2000										1037.39
2001										1873.43
108 N14 E24 12ABAA1	51767									
1994			70.62							
1995				69.31						
1996					61.77					
1997						54.46				
1998							70.76			
1999								63.17		
2000									94.84	
2001										99.72
108 N14 E24 12ACAA1	48628 55408									
1994		111.22	85.46							
1995				105.54						
1996					178.61					
1997						89.79				
1998							104.54			
1999								94.33		
2000									85.96	
2001										1.83
2001										53.15
108 N14 E24 36BC										
108 N14 E25 01ADCC	15475 26312		0.00							
1994			1349.77							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				3574.41						
					2902.91					
						2337.71				
							1687.94			
								1570.16		
									1619.09	
										3265.93
108 N14 E25 02ACDC 1	18931									
		400.74	575.47							
				55.24						
					221.36					
						128.56				
							102.48			
								404.19		
									533.70	
										1342.87
108 N14 E25 03BCDD1	45323									
			0.03							
				0.89						
					2.00					
						1.99				
							2.50			
								1.90		
									2.00	
108 N14 E25 03CCCC										0.00
	58170				0.00					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	22169									
1998								0.00		
1999									8.32	
2000										13.25
2001										23.65
108 N14 E25 03DDDD2										
	50520									
	58165									
1994		937.00	986.92							
1995				365.05						
1996					277.11					
1997						145.91				
1998							409.85			
1999								251.40		
2000									376.39	
2001										211.33
108 N14 E25 04BDCD2										
	18729									
	25201									
1994		424.00	594.78							
1995				81.13						
1996					261.90					
1997						145.47				
1998							0.01			
1999								59.17		
2000									117.34	
2001										733.81
108 N14 E25 04CCCC1										
	30409									
1994		415.00	1675.51							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				466.90						
					952.62					
							295.54			
								550.23		
									740.49	
										1652.15
										1779.47
108 N14 E25 04DCAA1										
			920.45							
				565.62						
					709.19					
							721.27			
								597.89		
									552.82	
										819.65
										1459.52
108 N14 E25 04DDB 1	22091									
			30.27							
				0.00						
					0.00					
							0.00			
								0.00		
									0.00	
										0.00
108 N14 E25 05AADD1										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
	51014									
1994			903.68							
1995				188.92						
1996					335.82					
1997						483.56				
1998							500.08			
1999								652.28		
2000									296.29	
2001										891.49
108 N14 E25 06CCCC1										
	38330									
1994		248.00	738.73							
1995				532.67						
1996					825.82					
1997						260.55				
1998							411.84			
1999								1038.05		
2000									1337.08	
2001										1015.72
108 N14 E25 06DDDD1										
	29291									
	51768									
1994		474.50	1736.64							
1995				692.47						
1996					456.72					
1997						733.54				
1998							167.74			
1999								485.19		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000										1438.04
2001										1379.63
108 N14 E25 07BAAA1	45288									
1994		520.00	690.97							
1995				719.60						
1996					637.71					
1997						623.86				
1998							302.37			
1999								396.90		
2000									637.80	
2001										943.21
108 N14 E25 08ADDC1	18735									
	27943									
1994		336.00	1441.69							
1995				500.76						
1996					938.65					
1997						375.67				
1998							165.27			
1999								430.36		
2000									829.71	
2001										1184.17
108 N14 E25 07DDDD1										
1994		389.00	2092.91							
1995				447.81						
1996					840.07					
1997						562.17				
1998							512.98			

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1999								1032.07		
2000									808.58	
2001										1457.19
108 N14 E25 08DCCC1										
	18872									
	28619									
1994		389.00	1504.81							
1995				281.01						
1996					845.93					
1997						586.36				
1998							524.36			
1999								496.83		
2000									736.12	
2001										1498.82
108 N14 E25 09DDDD1										
	19840									
	19839									
	19838									
1994		230.00	863.11							
1995				144.06						
1996					206.18					
1997						101.08				
1998							362.00			
1999								130.23		
2000									824.73	
2001										935.34
108 N14 E25 10ADCC1										
	59760									
	59761									
1994		382.20	1916.61							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				284.73						
					191.47					
							54.69			
								0.00		
									190.13	
										1034.55
										907.70
108 N14 E25 10ADDD1	60550 APPL 60551 T PER									
		71.02	189.85							
									0.00	
										359.34
										832.79
108 N14 E25 10CBBB1	48730									
		557.00	992.90							
				226.60						
					218.07					
						197.98				
							115.76			
								116.52		
									933.71	
										897.50
108 N14 E25 10CCDD1	28066									
		148.00	1375.26							
				370.59						
					325.31					

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1997						58.78				
1998							74.95			
1999								240.43		
2000									1011.95	
2001										2041.81
108 N14 E25 12AABA	26311									
1994			2089.80							
1995				1182.15						
1996					1250.84					
1997						1192.60				
1998							1607.66			
1999								2100.53		
2000									2495.04	
2001										2061.26
108 N14 E25 14DD										
108 N14 E25 15ACBB1	23356	30.00	0.00							
	58758									
	58759									
1994			1566.75							
1995				242.86						
1996					341.32					
1997						163.82				
1998							0.03			
1999								355.58		
2000									804.09	
2001										1589.37
108 N14 E25 15CDCC1	18925									
1994		355.00	885.45							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
				230.09							
						313.15					
							201.25				
								198.17			
									0.01		
										312.22	
											1295.63
108 N14 E25 15DBBB1											
			523.91								
				37.39							
					29.59						
							3.45				
								36.30			
									125.72		
										154.62	
											856.79
108 N14 E25 16CDBB1	27929										
		270.30	1650.11								
				1507.02							
					1457.03						
						338.82					
								527.57			
									332.78		
										412.79	
											631.93
108 N14 E25 16CDBB2											

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001		270.30								631.93
108 N14 E25 16DDCD1	18672									
1994		147.00	377.00							
1995				22.19						
1996					4.09					
1997						0.00				
1998							10.81			
1999								29.06		
2000									64.31	
2001										480.16
108 N14 E25 16DDCD2										
1994		147.00	220.26							
1995				332.05						
1996					408.59					
1997						400.75				
1998							385.54			
1999									0.00	
2000									614.70	
2001										39.21
108 N14 E25 21DBDD										
108 N14 E25 21DC		119.92	0.00							
108 N14 E25 22A			0.00							
2001										0.00
108 N14 E25 25BDA 1	18934									
1994		295.68	318.56							
1995				32.63						
1996					8.00					
1997						22.88				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								0.00		
1999									56.15	
2000										549.52
2001										110.41
108 N14 E25 25CC										
108 N14 E25 27ACCD1	58105		0.00							
108 N14 E25 27ACDC1	57865		0.00							
	57866									
	57867									
1994		562.00	735.96							
1995				28.99						
1996					51.81					
1997						58.92				
1998							72.29			
1999								193.49		
2000									364.26	
2001										660.47
108 N14 E25 27BAAB1										
	30169									
1994		208.56	1150.84							
1995				35.66						
1996					5.98					
1997						85.69				
1998							101.07			
1999								321.94		
2000									277.90	
2001										479.53
108 N14 E25 27BCDD1										
	60704									
1994		555.69	581.89							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)								
			1994	1995	1996	1997	1998	1999	2000	2001	
1995				71.25							
1996					42.04						
1997						106.04					
1998							34.59				
1999								34.15			
2000									0.00		
2000									810.32		
2001											1381.93
108 N14 E25 27CCDC											
108 N14 E25 29ACAC	60013T										
108 N14 E25 29DCBB	23913	5.00									
	20698										
2000		6.80								3.77	
2001		6.80									6.11
108 N14 E25 31DB											
108 N14 E25 33AACA	49425										
	36632										
108 N14 E25 33ADDD1	23832										
	36633										
	23833										
1996		377.50			0.00						
1997						0.00					
1998							0.00				
1999								0.00			
2000									0.00		
2001											0.00
108 N14 E25 33ADDD2											
1998							217.12				
1999								91.49			
2000									86.75		
2001											1413.42
108 N14 E25 33BA											

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N14 E25 33CDCD1	57079									
	48958									
	56856									
1994		670.50	935.12							
1995				201.23						
1996					393.61					
1997						438.64				
1998							166.06			
1999								352.72		
2000									869.59	
2001										114.12
108 N14 E25 33CDCD2										
2001		670.50								1513.39
108 N14 E25 34CBCA2	18986									
1994		231.00	1020.75							
1995				501.25						
1996					680.55					
1997						670.50				
1998							615.33			
1999								699.79		
2000									573.84	
2001										782.92
108 N14 E26 03ACAA1	56279									
1994		60.00	25.05							
1995				26.81						
1996					10.30					
1997						0.00				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								0.00		
1999									0.00	
2000										0.00
2001										0.00
108 N14 E26 03ACDB1	56281									
1994		80.00	232.58							
1995				175.65						
1996					80.19					
1997						0.00				
1998								0.00		
1999									0.00	
2000										0.00
2001										0.00
108 N14 E26 03DBDD1	17660									
1994		80.00	143.89							
1995				125.01						
1996					172.41					
1997						100.87				
1998								0.01		
1999									0.00	
2000										0.00
2001										0.00
108 N14 E26 13CC										
108 N14 E26 14BCAA2	46709		0.00							
	56280									
1994		40.00	786.17							
1995				728.00						

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1996					552.03					
1997							539.66			
1998								280.75		
1999									0.00	
2000										0.00
2001										0.00
108 N14 E26 15AACC1	17364									
1994		98.00	99.89							
1995				132.34						
1996						69.96				
1997							75.72			
1998								17.37		
1999									0.00	
2000										0.00
2001										0.00
108 N14 E26 17CD										
108 N14 E26 18BACA1	33521									
	20821									
	33521									
	50706									
	50707									
1994			536.60							
1995				0.00						
1996					0.00					
1997							0.20			
1998								23.95		
1999									0.07	
2000										38.86

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										30.44
108 N14 E26 18BACA2	50707									
1994			601.25							
1995				547.10						
1996					464.02					
1997						426.89				
1998							424.61			
1999								496.37		
2000									563.15	563.15
2001										
108 N14 E26 18BACD1	50706									
1994			452.63							
1995				628.06						
1996					454.91					
1997						424.18				
1998							0.00			
1999								450.85		
2000									377.31	
2001										306.90
108 N14 E26 18BDCB1	50704									
1994			1302.35							
1995				861.05						
1996					609.94					
1997						689.40				
1998							536.01			
1999								643.15		

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2000									621.47	621.47
2001										783.55
108 N14 E26 18BDCB2	NONE									
1994			19.13							
1995				13.51						
1996					11.51					
1997						14.60				
1998							11.68			
1999								11.97		
2000									10.79	
2001										11.78
108 N14 E26 18CABC1	50703									
1994			178.47							
1995				26.92						
1996					217.30					
1997						252.78				
1998							244.86			
1999								288.97		
2000									0.00	
2001										399.85
108 N14 E26 18CACB1	50702									
1994			2091.44							
1995				571.87						
1996					641.94					
1997						620.14				

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1998								654.72		
1999									502.58	
2000										673.64
2001										645.78
108 N14 E26 19DD										
108 N14 E26 20BAA 1	31286		0.00							
	33521									
1994			928.26							
1995				0.00						
1996					387.62					
1997						852.73				
1998							776.55			
1999								4.33		
2000									1690.74	
2001										326.87
108 N14 E26 22AAAD1										
	16034									
	30447									
1994		238.81	475.57							
1995				351.59						
1996					431.93					
1997						380.86				
1998							342.25			
1999								375.78		
2000									531.32	
2001										474.17
108 N14 E26 22BDCC1										
	29299									
1994		238.81	557.54							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				473.95						
					511.45					
						433.00				
							387.50			
108 N14 E26 22BDCC2								0.00		
		238.80						463.65		
									916.98	
										771.72
108 N14 E26 23BCCC										
108 N14 E26 23CCAB		22.00	0.00							
108 N14 E26 23CDAB	17065	39.00	0.00							
	28547	9.00								
							0.00			
								0.00		
									0.00	
108 N14 E26 23CDCC									0.00	0.00
108 N14 E26 26ADCC1	47116		0.00							
	21496									
		79.74	624.31							
				687.19						
					723.79					
						414.42				
							395.09			
								403.36		
									321.08	
										0.00
108 N14 E26 26BDDD										
	15946	30.00								
									0.00	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										33.04
108 N14 E26 26CCDD1	25916									
1994		158.00	640.44							
1995				720.43						
1996					716.37					
1997						702.52				
1998							727.37			
1999								728.41		
2000									457.34	
2001										809.25
108 N14 E26 29DCAA1	27839									
1994		175.00	915.01							
1995				373.02						
1996					835.56					
1997						586.34				
1998							650.82			
1999								792.03		
2000									16.33	
2001										192.91
108 N14 E26 30ACAA1										
1999								0.00		
108 N14 E26 30BCDD1									0.00	
2001										258.83
108 N14 E26 31CA										
108 N14 E26 31CDBC2	18820		0.00							
	19599									
1994		367.00	1625.91							
1995										

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
1996					0.00					
1997							0.00			
1998								0.00		
1999									0.00	
2000										365.03
2001										1042.17
108 N14 E26 31DCCC2	18806									
1994		280.00	1239.19							
1995				0.00						
1996					0.00					
1997							340.03			
1998								2239.11		
1999									164.50	
2000										522.48
2001										1077.36
108 N14 E26 32ADCD2	19661									
	27123									
1994		436.00	1278.19							
1995				52.36						
1996					94.34					
1997							219.01			
1998								173.66		
1999									586.57	
2000										869.72
2001										1501.16
108 N14 E26 32BCCC3	18712									
1994		155.00	847.82							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
				0.02						
					0.00					
							0.00			
								0.00		
									0.00	
										470.46
										1400.75
108 N14 E26 32BDDD1	19062									
1994		116.00	425.96							
1995				0.00						
1996					36.87					
1997						18.79				
1998							0.00			
1999								0.00		
2000									57.95	
2001										253.45
108 N14 E26 32DCCB1	30990									
1994		332.10	931.01							
1995				0.00						
1996					17.87					
1997						0.93				
1998							1.33			
1999								0.15		
2000									171.70	
2001										698.45

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N14 E26 34ADAA1										
	18444									
	57254									
1994		70.00	506.42							
1995				180.97						
1996					412.61					
1997						224.73				
1998							161.03			
1999								201.78		
2000									175.90	
2001										120.91
108 N14 E26 34CADD										
	15950	9.00								
1997						0.00				
1998							0.00			
1999								0.00		
2000									0.00	
108 N14 E26 34CDA A									0.00	0.00
108 N14 E26 34DBDC1	20369	61.80							0.00	
	30218									
1994		65.00	280.42							
1995				219.59						
1996					231.14					
1997						0.00				
1998							221.56			
1999								0.00		
2000									38.20	
2001										1.07
108 N14 E26 34DDCA										
108 N14 E26 35AD	21582	14.30	0.00							

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
108 N14 E26 35BCAA1	17386		0.00							
	45784	9.00								
	48290	11.00								
1998								21.20		
1999									0.00	
2000										157.53
2001		11.00								87.36
108 N14 E26 35CBD 1	28743									
1994		20.60	138.38							
1995				159.67						
1996					194.60					
1997						193.01				
1998							147.28			
1999								0.00		
2000									0.00	
2001										0.00
108 N15 E25 15CBCC	30866									
	51547									
108 N15 E25 16DADA	56007		0.00							
108 N15 E25 16DADC	30867		0.00							
	30868									
108 N15 E25 21CAAD1	45184		0.00							
1995				0.01						
1996					31.86					
1997						6.24				
1998							11.12			
1999								10.10		
2000									0.00	

TABLE 6 - ESTIMATED ANNUAL GROUND WATER PUMPAGE (acre-feet), 1994 - 2001, MASON VALLEY, NEVADA

WELL LOCATION	PERMIT NUMBER	PERMIT ACREAGE	CALENDAR YEAR PUMPAGE (ACRE-FEET)							
			1994	1995	1996	1997	1998	1999	2000	2001
2001										0.00
108 N15 E25 21CAAD2										
1996				0.00						
1997							0.00			
1998								0.00		
1999									0.00	
108 N15 E25 21CAAD4										0.00
108 N15 E25 21DDDD1				0.00						
108 N15 E25 22CCBC1				0.00						
	61208									
1996					0.00					
1997							0.02			
1998								0.01		
1999									0.00	
2000										0.00
2001										0.00
108 N15 E25 22CCDC1										
	61207									
1994			0.00							
1995				0.00						
1996					13.67					
1997							12.06			
1998								17.58		
1999									13.58	
2000										11.08
2001										11.19
108 N15 E25 28AD										
108 N15 E25 31AA	16546		0.00							
108 N15 E25 31BA	52506		0.00							
108 N15 E25 32AADD1	43320		0.00							
	19516									
1994		423.50	1655.90							

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 titled 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.

