STATE OF NEVADA

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

JASON KING, P.E.
STATE ENGINEER

SMITH VALLEY
HYDROGRAPHIC BASIN 9-107

GROUNDWATER PUMPAGE INVENTORY

CALENDAR YEAR 2017

Groundwater Commissioner: Reed A. Cozens,
P.E. Prepared by: Kerry T. Garcia

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CORRECTION NOTICE

Smith Valley (Hydrographic Basin 9-107)

Nov. 16, 2023

Pumpage amounts for certain permits have been updated for the calendar years 2016 through 2020. The corrected values by site can be found in Appendix B of the 2021 Smith Valley Pumpage Inventory Report. Data in Appendix B of the 2021 report supersede previously published values. The table below reflects the updated pumpage totals by manner of use, with updated values marked in orange. The corrections were made based upon various factors:

- Meter readings reported late
- Meters replaced during the year
- Field inspections identified reporter or staff error
- Adjustments for estimates where wells were pumped with broken meters
- Locked/inaccessible pumphouses prevented collection of meter readings during the inventory period
- Adjustments for wells pumped during November and December (after meter readings had been taken in the field)

Table of updated pumpage values (acre-feet) in Smith Valley.

YEAR	COM	CON	DOM	ENV	IND	IRR	MM	QM	REC	STK	WLD	TOTAL
2016	611	0.16	812	0	37	25,773	0	82	53	140	0	**27,507**
2017	605	0.16	807	0	65	11,817	0	92	57	105	0	**13,548**
2018	874	0.25	812	0	35	21,463	94	83	58	139	0.18	**23,559**
2019	626	0.23	826	0	35	14,846	94	42	55	122	0	**16,645**
2020	704	0.18	842	0	18	33,373	0	27	1	84	0	**35,049**
2021	631	0.15	871	0	16	34,085	0	85	7	68	0	**35,763**

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ABSTRACT

This inventory represents the status and usage of all permitted, certificated and claims of vested right groundwater rights located within Smith Valley, Hydrographic Basin 9-107, for the calendar year 2017. Also included are tables, graphs and data associated with this use.

The data presented are valid for the period of this report and may vary from previously published figures as water rights within the basin are subject to administrative action, such as certification, cancellation, forfeiture or withdrawal on a continuing basis.

For calendar year 2017, the committed resource totaled 57,137 acre-feet, with estimated pumpage of **14,241** acre-feet. This figure includes an estimated 807 acre-feet pumped from exempt domestic wells.

Irrigation is the largest manner of use within the basin. For calendar year 2017, appropriations for irrigation totaled 54,015 acre-feet, with pumpage of approximately 12,482 acre-feet. The second largest manner of use was domestic, with commitments totaling 1,614 acre-feet and pumpage of 807 acre-feet.

HYDROGRAPHIC BASIN SUMMARY

HYDROGRAPHIC BASIN NUMBER	107, REGION 9
HYDROGRAPHIC BASIN NAME	SMITH VALLEY
COUNTIES	LYON, DOUGLAS
MAJOR COMMUNITIES	SMITH, WELLINGTON
DESIGNATED BASIN	YES
DENIALS BASED UPON WATER AVAILABILITY	ALL USES EXCEPT AS LISTED UNDER STATE ENGINEER'S ORDER NO. 1271
GROUNDWATER LEVEL MEASUREMENTS	NDWR & USGS
PUMPAGE ESTIMATED IN 2017 (ACRE-FEET)	14,241[1]

STATE ENGINEER'S ORDERS

NO. 245 – PARTIAL DESIGNATION OF BASIN	DATE: JUNE 27, 1960
NO. 253 – MEASURING DEVICES	DATE: AUGUST 2, 1961
NO. 1126 – CURTAILMENT	DATE: FEBRUARY 4, 1997
NO. 1159 – INSTALLATION OF TOTALIZING METERS	DATE: FEBRUARY 1, 2000
NO. 1177 – EXTENDING DESIGNATION AREA	DATE: JULY 8, 2005
NO. 1250 – CURTAILMENT	DATE: FEBRUARY 3, 2015
NO. 1267 – CURTAILMENT	DATE: OCTOBER 28, 2015
NO. 1271 – CURTAILMENT	DATE: DECEMBER 29, 2015

COMMITTED GROUNDWATER RESOURCE[2]: 57,137 ACRE-FEET DATE: JULY 2018

COMMERCIAL 753	CONSTRUCTION 1	INDUSTRIAL.....60
DOMESTIC..... 1,614	ENVIRONMENTAL.. 109	IRRIGATION 54,015
MINING & MILLING ... 79	STOCKWATER..... 259	RECREATION 67
QUASI-MUNICIPAL 179	WILDLIFE……...1	

[1] Includes pumpage by exempt domestic wells as defined by NRS 534.013.

[2] Committed groundwater resource data are accurate for July 2018. Manner of use category totals vary over time, as rights are not necessarily static. Rights may be subject to change applications, certification, withdrawals, forfeiture and cancellations; each of these circumstances could affect the duty, diversion rate and acreage associated with a given right. The value associated with each manner of use category does not include those portions that have been relinquished in support of domestic wells. A query of the NDWR Well Log Database indicates that 807 domestic wells existed in the basin during calendar year 2017. This query is assumed to represent both appropriations and exempt domestic wells. The committed domestic water resource is considered to be 2 acre-feet per domestic well, or 1,614 acre-feet annually.

PURPOSE AND SCOPE

The purpose of this report is to inventory the groundwater resources allocated and described by the Office of the State Engineer, Nevada Division of Water Resources (NDWR), and to estimate the amount of groundwater pumped in Smith Valley for calendar year 2017. This report estimates the amount of groundwater pumped under the permits and certificates issued by the State Engineer, the vested claims to groundwater, and the amount pumped by exempt domestic wells within the basin.

DESCRIPTION OF THE STUDY AREA

Smith Valley is in west-central Nevada and east-central California. This report deals only with the Nevada portion of this basin. The Nevada portion of Smith Valley occupies approximately 464 square miles within Lyon and Douglas Counties. The adjacent hydrographic basins are Antelope Valley (9-106) and Carson Valley (8-105) to the west, Churchill Valley (8-102) to the north, Mason Valley (9-108) to the east, and the East Walker Area (9-109) to the east and south (Figure 1). The Smith Valley basin boundary is described by State Engineer's Orders 245 and 1177 issued by the Nevada State Engineer dated June 27, 1960 and July 8, 2005, respectively.

Smith Valley is bounded on the north by the Buckskin Range, to the east by the Singatse Range and the Pine Grove Hills, to the south by the Sweetwater Mountains, and to the west by the Wellington Hills and the Pine Nut Range

The dominant hydrologic features of Smith Valley are the West Walker River and Desert Creek. The West Walker River flows northeasterly across the middle of Smith Valley, and continues into Mason Valley where it joins the East Walker River. Desert Creek originates in the Sweetwater Range at Lobdell Lake within the southern portion of Smith Valley in California and flows north toward the West Walker River.

The U.S. Geological Survey (USGS) operates two streamflow gaging stations on the West Walker River near the locations where the river enters and exits Smith Valley, stations #10297500 (West Walker River at Hoye Bridge) and #10300000 (West Walker River at Hudson, NV), respectively. The USGS also operates a streamflow gaging station on Desert Creek #10299100 in the southern part of the basin near where the creek enters the valley.

GROUNDWATER LEVELS

Depths to groundwater are measured by NDWR on a semi-annual basis. The following are the site names and links to the data for active sites (Figure 2):

107_N10 E24 03BBAB1	107_N11 E23 23BCBB1	107_N10 E24 08CBCA1
107_N11 E23 15CBAA1	107_N10 E24 05ACDD1	107_N10 E24 16ACCC1
107_N11 E23 24DDDD1	107_N11 E24 27CDAA1	107_N13 E23 27ADCD1
107_N13 E23 27ADCD2	107_N13 E24 30AACC2	107_N13 E24 21BCCD1
107_N13 E24 30ADDD1	107_N10 E24 17CCAA1	107_N11 E23 01CCCC1
107_N11 E24 30DBCB1	107_N11 E23 36ACBC1	107_N10 E24 18BACD1
107_N11 E23 02ABAA1	107_N11 E23 02ADDD1	107_N11 E23 02BBCC2
107_N11 E23 02CCBB1	107_N11 E23 10ACBB1	107_N11 E23 12CBBB1
107_N11 E23 13BBDD1	107_N11 E24 31CCDB1	107_N11 E24 32BBDD2
107_N11 E24 33BACC2	107_N12 E23 26ADBA1	107_N12 E23 27AADD2
107_N12 E23 34ACCC2	107_N12 E23 34BACB1	107_N12 E23 35AC_2
107_N12 E23 36DCDC1	107_N12 E24 31BACB1	107_N12 E24 31DBBA1
107_N11 E23 03CBBC1		

Additional water level measurements and site data can be obtained from the NDWR website (http://water.nv.gov). The USGS also measures groundwater levels in the basin. These data are available from the USGS website at https://waterdata.usgs.gov.

METHODS TO ESTIMATE PUMPAGE

One of the purposes of this report is to estimate the amount of groundwater pumped under vested claims, permits and certificates issued by the State Engineer, as well as the amount pumped by the exempt domestic wells in the valley. Table 1 and Figure 3 show historical pumpage by manner of use; Figure 4 shows historical pumpage for irrigation compared with West Walker River stream flows; Figure 5 shows the percentage of water pumped by manner of use; and Figure 6 compares groundwater commitments and estimated pumpage by manner of use. The following methods were used to arrive at the estimated use:

- Where totalizing meters were in place, meter readings were taken and compared with previous data (if available).
- Where water rights owners are required to provide the Office of the State Engineer with monthly pumping totals as a condition of their permits, these reports are verified with meter readings taken by NDWR staff and used as the amount pumped.
- Where meters were not in place and the use was irrigation, pumpage was estimated by multiplying the number of hours the well was operated during the past year (determined from an hour meter reading or asking the water user) by the certificated diversion rate.
- Where totalizing meters were present, and irrigation was observed, but readings resulted in inconsistent usage figures, meter readings were interpolated/extrapolated to compute an estimated use. Where there were no flow meters or other reliable options for estimating pumpage and the use was irrigation, pumpage was estimated by dividing the Net Irrigation Water Requirement (NIWR) for the crop grown by the efficiency of the irrigation method used, then multiplying by the number of acres irrigated. Irrigation

efficiencies associated with three types of irrigation methods are pivot at 85%, wheel line or other hand moved sprinklers at 75%, and flood at 60%. The pumpage amount estimated by this method was limited by the duty of the permit. For places where the groundwater rights are supplemental to surface water, groundwater use was estimated using the NIWR method above, but adjusted based on available surface water for the year. Evapotranspiration and NIWR data by basin can be found on the NDWR website at: http://water.nv.gov/Evapotranspiration.aspx.

- Where meters were not present, previous data were not available, and the manner of use was not irrigation, pumpage was estimated by applying the annual duty associated with the certificate (if the water right was perfected), permit or claim, if the use was as described in the certificate, permit or claim. If the use was not as described in the certificate, permit or claim, a value was estimated based upon the circumstances of use for the subject year.
- Pumpage estimates for stockwater wells were derived from information from the Bureau of Land Management's Rangeland Administration System, documentation from the water right files, and the certificated duty for the water right.
- Exempt domestic wells may be drilled and utilized where water service from a purveyor is not available. These types of wells do not require a permit from the State Engineer if they do not pump more than 2 acre-feet per year as provided by Nevada Revised Statutes (NRS) 534.180. NRS 534.013 defines this category of domestic use as follows: *"Domestic use or domestic purposes extends to culinary and household purposes directly related to a single family dwelling, including, without limitation, the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets."* The number of exempt domestic wells in the basin was determined by a query of the NDWR Well Log Database. The amount of water pumped annually by exempt domestic wells is estimated to be 1 acre-foot per well in Smith Valley, or 807 acre-feet.

TABLES

Table 1. Smith Valley historical pumpage (acre-feet) by calendar year.

YEAR	COM	DOM	IRR	MM	QM	ENV	CON	IND	REC	STK	WLD	TOTAL
2008	106	787	34,884	0	71	0	0	51	38	2	0	35,939
2009	114	787	25,214	0	94	0	0	11	46	16	0	26,282
2010	111	786	22,257	0	49	0	1	24	42	18	0	23,288
2011	168	791	11,065	0	125	0	0	26	36	182	0	12,393
2012	219	800	35,505	0	60	0	0	28	70	165	0	36,847
2013	322	799	36,984	50	59	0	0	28	64	293	0	38,598
2014	305	795	40,960	50	61	0	0	22	58	189	0	42,440
2015	516	818	28,653	0	47	0	0	31	54	176	0	30,295
2016	611	812	26,490	0	82	0	0	37	53	163	0	28,248
2017	605	807	12,482	0	92	0	0	65	57	133	0	14,241

FIGURES

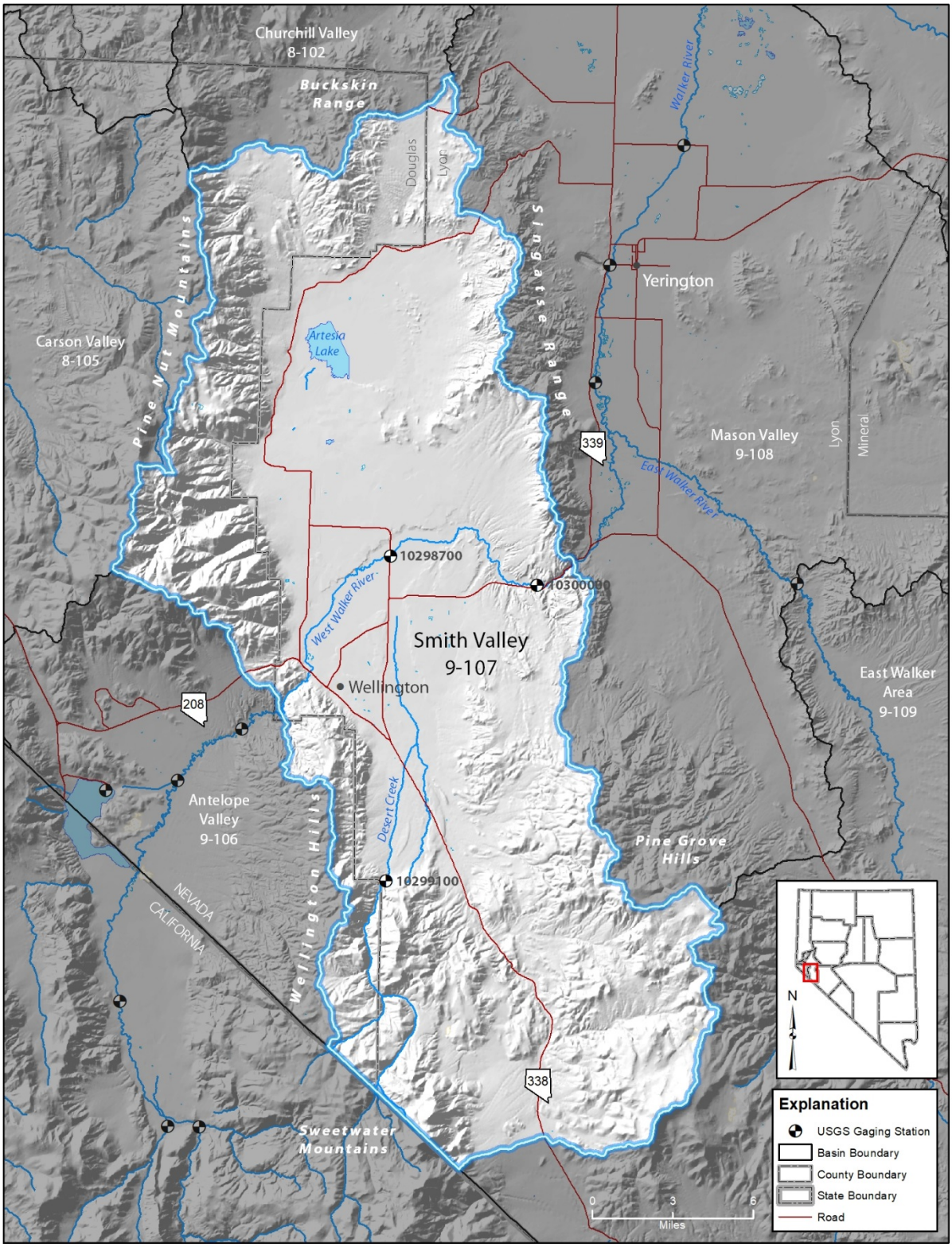

Figure 1. Physiographic map of Smith Valley (Hydrographic Basin 9-107).

Figure 2. Smith Valley water level measurement sites.

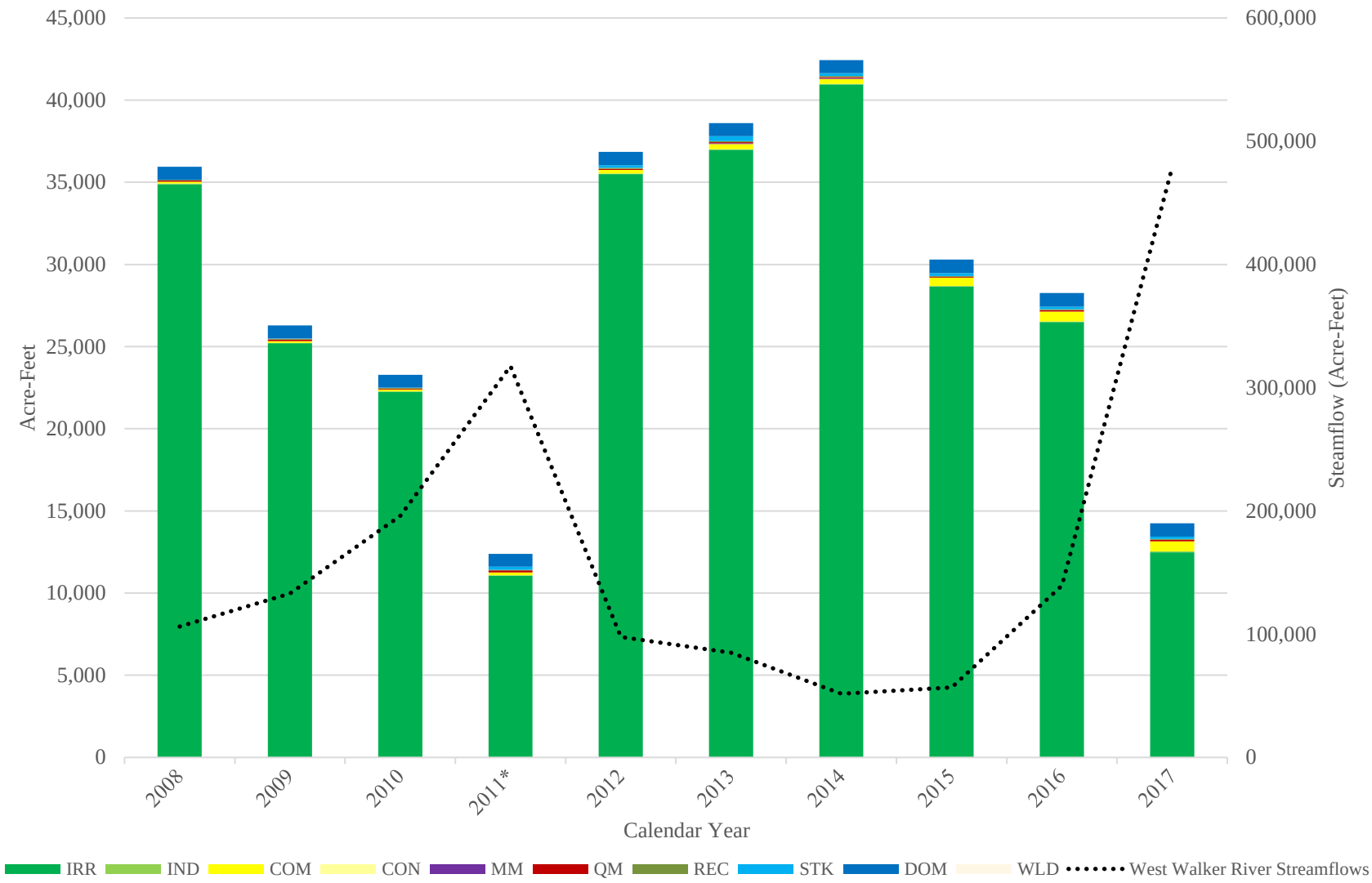

Figure 3. Smith Valley historical pumpage by manner of use as compared with West Walker River streamflows at Hoye Bridge.
*Prior to 2011, pumpage use monitoring was mostly limited to larger users/wells.

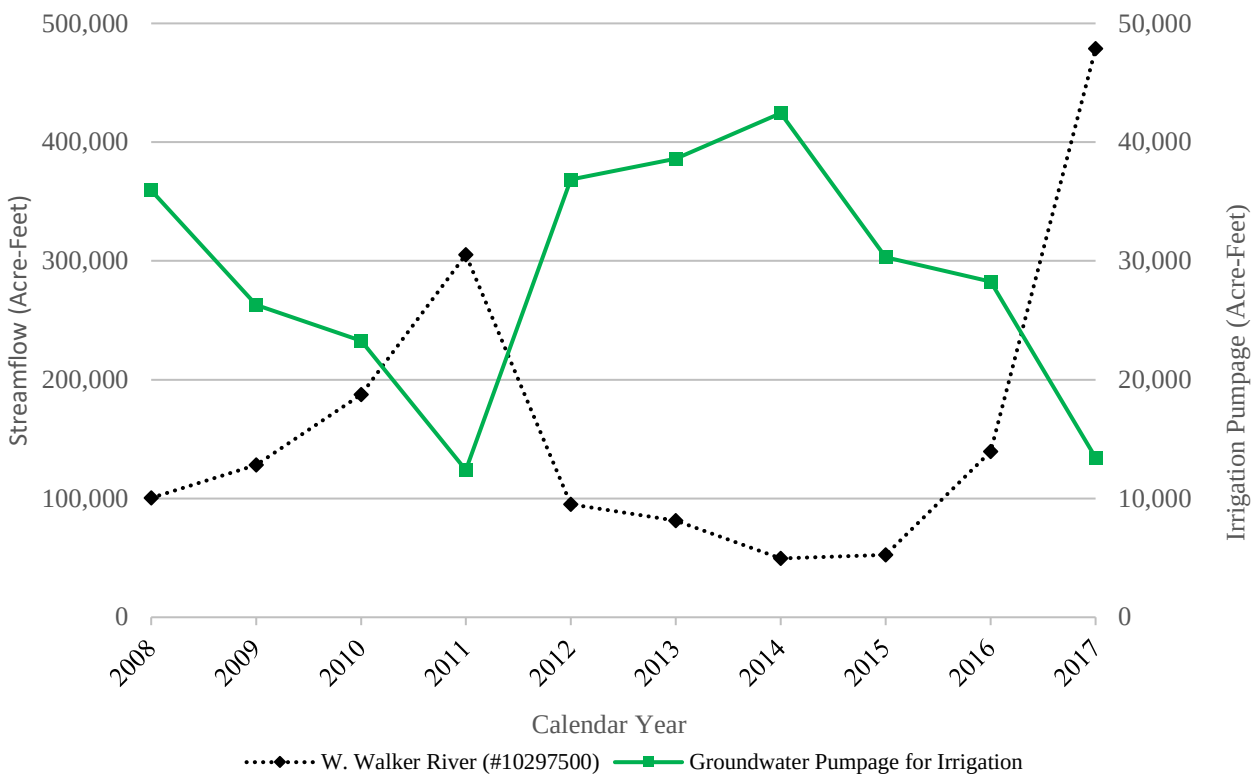

Figure 4. Smith Valley historical pumpage for irrigation as compared with West Walker River stream flows at USGS gaging station #10297500 at Hoye Bridge

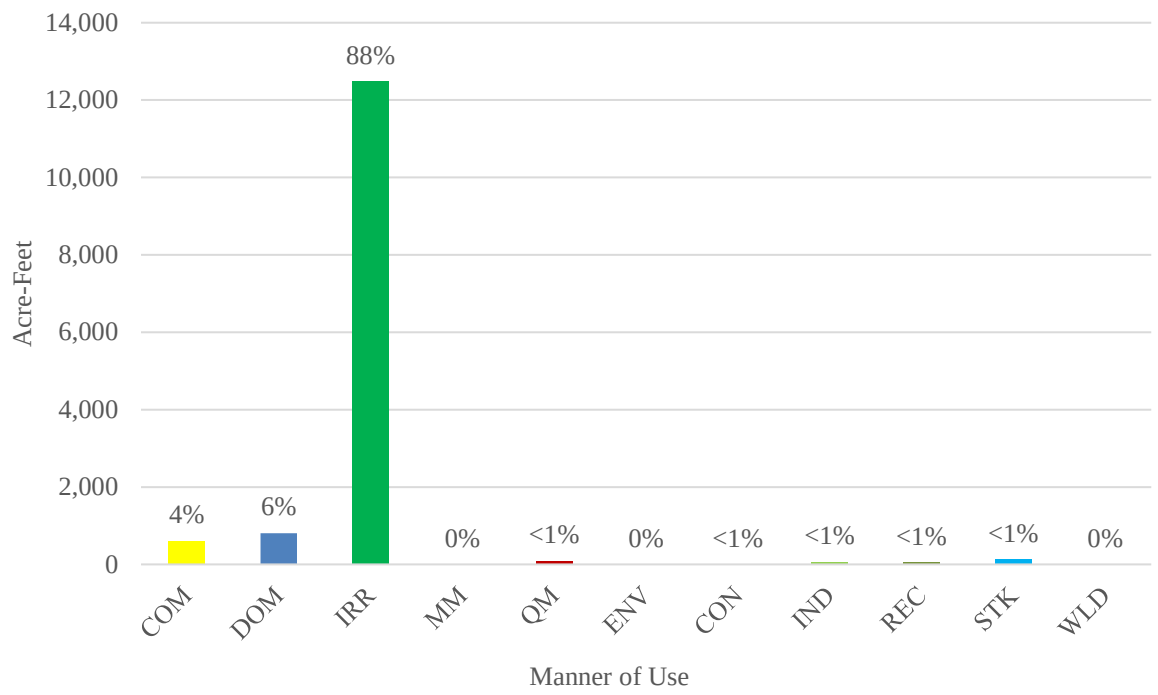

Figure 5. Percentage of total 2017 groundwater pumpage by manner of use.

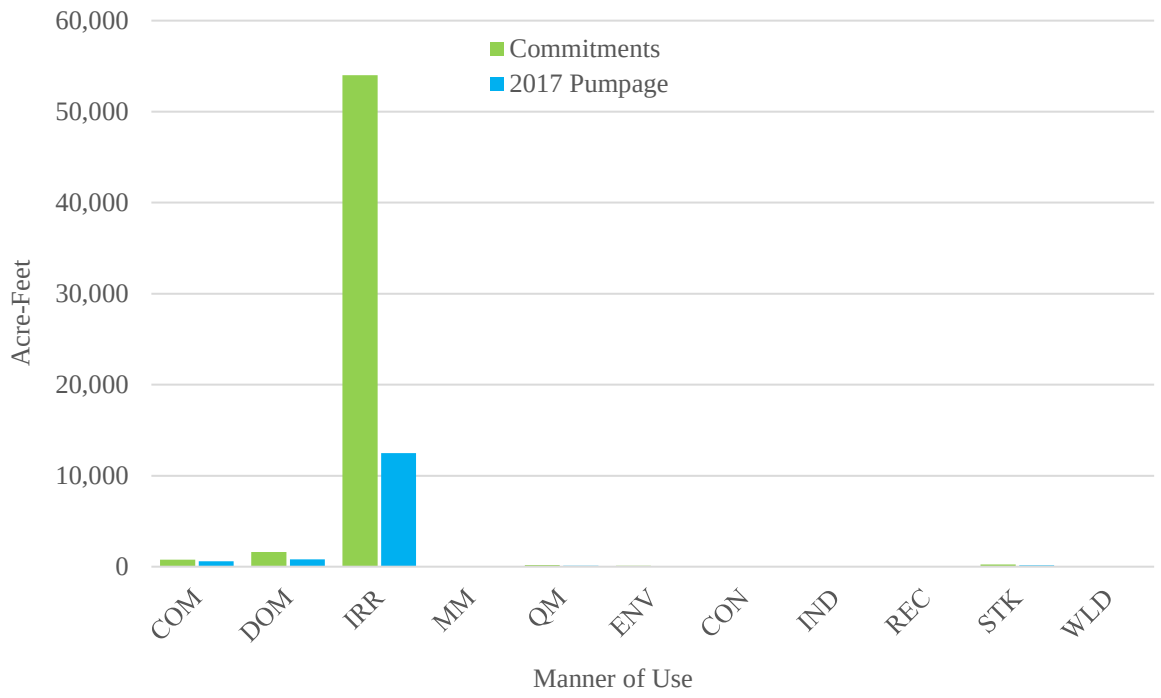

Figure 6. Comparison between 2017 groundwater commitments and estimated pumpage.

APPENDIX A. SMITH VALLEY 2017 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

EXPLANATION OF COLUMN HEADINGS FOR GROUNDWATER PUMPAGE BY APPLICATION NUMBER

SITE NAME	An ID assigned to each well, based on its geographic location.
APP NO.	The file number of the Application to Appropriate/Change Water.
STATUS	Indicates if the application is a Permit (PER) or if it has been certificated. If an application has been certificated, the Certificate number will be listed in the column.
MOU	The manner of use of the appropriated water. COM- Commercial IRR- Irrigation CON - Contruction MM- Mining & Milling DOM- Domestic QM- Quasi-Municipal ENV- Environmental REC- Recreational IND- Industrial STK- Stockwater
OWNER OF RECORD	The owner of the water right as recorded in the files of the State Engineer. A water right may have more than one owner of record.
QQ	The quarter quarter of the section in which the point of diversion is located.
QTR	The quarter of the section in which the point of diversion is located.
SEC	The section in which the point of diversion is located.
T	The township in which the point of diversion is located.
R	The range in which the point of diversion is located.
PER. ACRES	The number of acres that are permitted to be irrigated.
DUTY (AF)	The number of acre-feet of water that the permittee may pump. One acre-foot equals 325,851 gallons.
SUPP ADJ	Where more than one permit is appurtenant to the same place of use, the permits are considered supplemental. Permits may be either completely or partially supplemental. In these cases, a total combined duty for the subject permits is employed.
DUTY USED	The amount of water used during the calendar year, in acre-feet, as determined by review of records and/or field investigation. A "-" in this field indicates that pumpage was attributed to a senior supplemental permit or certificated water right.
UNITS	AFA stands for acre-feet annually, and AFS stands for acre-feet seasonally. AFS limits water usage to certain months out of the year.
SUPP GW APP NO.	The file number(s) of the supplemental water appropriations. Supplemental application Groups are listed at the end of Appendix A.

SITE NAME	APP NO.	STATUS	MOU	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNITS	SUP GW APP NO.
107 N11 E23 02DCDA1	12262	3219	STK	FLYING A LIMITED PARTNERSHII	SW	SE	2	11N	23E		10.86	10.86	5.43	AFA	
107 N11 E24 17DBDC1	12273	3206	STK	BROWN, NORMAN D.	NW	SE	17	11N	24E		6.05	6.05	6.05	AFA	
107 N11 E24 19DDDD1	12275	3725	IRR	F.M. FULSTONE INC.	SE	SE	19	11N	24E	40.00	160.00	2,110.00	2.00	AFS	1
107 N11 E24 30AAAC1	12276	3726	IRR	F.M. FULSTONE INC.	NE	NE	30	11N	24E	30.00	120.00		0.00	AFS	1
107 N11 E24 30ADDA1	12277	3727	IRR	F.M. FULSTONE, INC.	SE	NE	30	11N	24E	28.00	112.00		0.00	AFS	1
107 N10 E24 05CBAD1	12278	3887	IRR	F. M. FULSTONE INC	NW	SW	5	10N	24E	95.00	144.50	144.50	72.25	AFA	
107 N11 E24 32DAAA1	12281	3296	DOM	SIX-N RANCH, INC.	NE	SE	32	11N	24E		18.11	18.11	4.52	AFA	
107 N11 E23 25AADD1	12301	3247	STK	WRIGHT, NADIA	NE	NE	25	11N	23E		1.90	1.90	1.90	AFA	
107 N11 E23 25CADA1	12303	3246	STK	LEVEILLE, ANITA	NE	SW	25	11N	23E		0.90	0.90	0.00	AFA	
107 N12 E23 35DAAC1	12304	3678	STK	SMITH, G.C.	NE	SE	35	12N	23E		4.36	4.36	4.36	AFA	
107 N11 E24 19DBAA1	12306	3231	IRR	HINDS, BEATRICE E.	NW	SE	19	11N	24E	0.50	25.30	25.30	25.30	AFA	
107 N11 E23 25CCCC1	12308	3420	DOM	GROSO, CHARLES	SW	SW	25	11N	23E		3.22	3.22	3.22	AFA	
107 N11 E24 31BBAB1	12309	3148	STK	MENCARINI, AMOS	NW	NW	31	11N	24E		2.26	2.26	2.26	AFA	
107 N11 E24 19DADA1	12323	3225	DOM	GANSBERG, CHRIS H., JR. & FAYE E	NE	SE	19	11N	24E		3.22	3.22	1.00	AFA	
107 N11 E24 19AADC1	12324	3226	STK	GANSBERG, CHRIS H., JR. & FAYE E	NE	NE	19	11N	24E		3.59	3.59	3.59	AFA	
107 N11 E24 19ADAA1	12325	3227	DOM	GANSBERG, CHRIS H. , JR.& FAYE E	SE	NE	19	11N	24E		3.22	3.22	1.0	AFA	
107 N11 E24 19DADD1	12339	3381	IRR	SCHMID, A.J.	NE	SE	19	11N	24E	3.00	12.00	12.00	6.00	AFS	
107 N11 E24 18ADDA1	12340	3452	IRR	FENILI, PETER A. & VERONICA JEAN	SE	NE	18	11N	24E	10.00	38.87	38.87	19.44	AFS	
107 N11 E24 19DBBA1	12341	3317	STK	LINSCOTT, TIMOTHY	NW	SE	19	11N	24E		0.67	0.67	0.67	AFA	
107 N11 E24 19CBBC1	12342	3230	STK	SETTELMEYER, F.W.	NW	SW	19	11N	24E		2.58	2.58	2.58	AFA	
107 N11 E23 26DAAD1	12343	3428	IRR	CHIDWICK, C.F.	NE	SE	26	11N	23E	20.00	28.01	28.01	28.01	AFS	
107 N12 E23 34ABBA1	12344	3479	STK	FARIAS, LESTER M.	NW	NE	34	12N	23E		14.49	14.49	2.00	AFA	
107 N11 E24 19ACAA1	12345	3442	STK	GANSBERG, CHRIS H., JR. & FAYE E	SW	NE	19	11N	24E		1.44	1.44	0.00	AFA	
107 N11 E24 19ABDD1	12346	3443	STK	MCVICAR, MRS. C. A.	NW	NE	19	11N	24E		1.44	1.44	0.00	AFA	
107 N11 E23 25DAAB1	12347	3613	STK	SEDDON, S.V.	NE	SE	25	11N	23E		6.72	6.72	3.36	AFA	
107 N11 E23 25DBDD1	12348	3614	STK	SEDDON, S.V.	NW	SE	25	11N	23E		6.72	6.72	6.72	AFA	
107 N11 E24 19DAAD1	12352	3444	DOM	WILLIAMS JOHN CAMERON	NE	SE	19	11N	24E		2.00	2.00	0.00	AFA	
107 N11 E24 20CBCB2	12371	3480	COM	CENTRAL MERCANTILE	NW	SW	20	11N	24E		0.71	0.71	0.00	AFA	
107 N11 E24 18DAAA1	12373	3228	STK	MANN, FRANK B.	NE	SE	18	11N	24E		1.66	1.66	0.00	AFA	
107 N11 E24 29ABDC1	12374	3481	IRR	FENILI, BRUNO	NW	NE	29	11N	24E	10.00	32.59	32.59	1.00	AFA	
107 N11 E23 24CADD1	12375	3229	STK	SCHWAKE, WALTER R.	NE	SW	24	11N	23E		11.20	11.20	5.60	AFA	
107 N11 E23 26AAAD1	12376	3248	STK	NATIONAL FISH AND WILDLIFE FOUNDATIO	NE	NE	26	11N	23E		2.24	2.24	2.24	AFA	
107 N11 E23 26ABBB1	12377	3249	STK	NATIONAL FISH AND WILDLIFE FOUNDATIO	NW	NE	26	11N	23E		2.24	2.24	0.00	AFA	
107 N11 E23 36ACCB1	12378	3190	STK	WICHMAN, JOHN H.	SW	NE	36	11N	23E		2.46	2.46	2.46	AFA	
107 N11 E24 20CBCB1	12379	3214	COM	RENNER AND ASSOCIATES	NW	SW	20	11N	24E		6.91	6.91	6.91	AFA	
107 N11 E24 19BCDD1	12398	3202	STK	MCKAY, JAMES T.	SW	NW	19	11N	24E		11.20	11.20	11.20	AFA	
107 N11 E23 25ADDD1	12399	3201	DOM	MCKAY, JAMES T.	SE	NE	25	11N	23E		3.22	3.22	1.61	AFA	
107 N12 E23 22ACAC1	12465	3300	STK	S. H. HUNEWILL & CO.	SW	NE	22	12N	23E		13.45	13.45	13.45	AFA	
107 N12 E23 22DDBB1	12466	3301	STK	S. H. HUNEWILL & CO.	SE	SE	22	12N	23E		22.42	22.42	22.42	AFA	
107 N11 E23 03DCBC1	12575	3920	IRR	MILE HI INVESTMENT COMPANY	SW	SE	3	11N	23E	25.50	102.00	860.40	15.81	AFS	2
107 N12 E23 14DCAB1	12651	4791	IRR	PERRIN, CLARENCE H.	SW	SE	14	12N	23E	141.20	564.80	564.80	0.00	AFA	
107 N11 E23 24DBAB1	12782	3382	IRR	ARMSTRONG FAMILY TRUST DATED AUGUST 24, 199	NW	SE	24	11N	23E	30.00	120.00	120.00	60.00	AFA	
107 N12 E23 13CCCD1	13344	4287	IRR	PETERS, DARLENE F.	SW	SW	13	12N	23E	92.70	9.87	9.87	9.87	AFS	
107 N10 E24 04CDDC1	13494	4644	IRR	F.I.M. CORP.	SE	SW	4	10N	24E	198.00	792.00	1,224.00	0.00	AFS	3
107 N11 E24 20BCBC1	14013	3906	IRR	WICHMAN, JOHN H.	SW	NW	20	11N	24E	2.64	10.60	10.60	10.60	AFA	
107 N11 E24 29DBAB1	14818	4645	IRR	FENILI, BRUNO	NW	SE	29	11N	24E	88.00	352.00	352.00	0.00	AFS	
107 N10 E24 09BCBC1	14987	4705	IRR	F.I.M. CORP.	SW	NW	9	10N	24E	293.00	1,172.00		32.79	AFA	3
107 N11 E24 20DBAC1	15572	4539	DOM	HINDS, BEATRICE E.	NW	SE	20	11N	24E		3.22	3.22	0.00	AFA	
107 N10 E24 03BBDD1	16440	4898	IRR	F.I.M. CORP.	NW	NW	3	10N	24E	165.12	660.48	660.48	102.89	AFS	
107 N10 E23 01ADCA1	16477	4936	IRR	DNB INVESTMENT GROUP, LLC	SE	NE	1	10N	23E	270.40	907.00	907.00	0.00	AFA	
107 N12 E23 36BDBD2	16628	5317	IRR	2008 VLOT REVOCABLE TRUST DATED FEBRUARY 7,	SE	NW	36	12N	23E	278.00	559.92	1,081.87	0.00	AFS	18368
107 N12 E23 35AACD1	16629	5318	IRR	JAMROG TRUST	NE	NE	35	12N	23E	31.92	79.80	127.68	0.00	AFA	25895
107 N12 E23 24CBCC1	16798	5599	IRR	PETERS, DARLENE F.	NW	SW	24	12N	23E	214.72	858.88	858.88	429.44	AFA	
107 N12 E23 23ABDD1	16824	5137	IRR	PERRIN, CLARENCE H.	NW	NE	23	12N	23E	36.00	129.00	144.00	0.00	AFA	16825
107 N12 E23 23ABDB1	16825	5138	IRR	PERRIN, CLARENCE H.	NW	NE	23	12N	23E	36.00	16.13		0.00	AFA	16824

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107 N12 E23 26DACB1	16826	5139	IRR	PERRIN, CLARENCE H.	NE	SE	26	12N	23E	14.54	48.36	48.36	0.00	AFA	
107 N12 E23 25CDAB1	16827	4793	STK	THE FLYING "A" RANCH	SE	SW	25	12N	23E		0.74	0.74	1.16	AFA	
107 N11 E24 18BBDA1	17756	5714	IRR	SIGLER, CHERYL L. & RALPH M	NW	NW	18	11N	24E	4.11	16.44	16.44	0.00	AFA	
107 N12 E23 35DCDC1	18313	6048	IRR	STANLEY L. HUNEWILL AND JANET BLISS HUNEWILL	SW	SE	35	12N	23E	133.38	533.64	533.64	533.64	AFA	
107 N11 E23 13CAAA1	18327	6401	IRR	JOE ROBINSON MATHIS AND ELEANOR MARGHERITE MATHIS TRUST, DATED 1/5/1984, RICHARD MORGAN MATHIS, SUCCESSOR TRUSTEE	NE	SW	13	11N	23E	46.50	186.00	186.00	2.50	AFA	
107 N12 E23 36DCDC1	18368	5689	IRR	2008 VLOT REVOCABLE TRUST DATED FEBRUARY 7,	SW	SE	36	12N	23E	329.00	1,081.87		32.17	AFS	16628
107 N10 E24 20ABAA1	18435	5844	IRR	FELTHOVEN, LEE AND EILEEN	NW	NE	20	10N	24E	583.50	1,286.55	2,745.18	82.04	AFA	4
107 N10 E24 07DDBB1	18680	6050	IRR	DREYER, ROLAND AND JOAN	SE	SE	7	10N	24E	300.00	1,200.00	1,200.00	0.00	AFS	
107 N12 E23 34ACCC2	18689	6072	IRR	FARIAS WHEEL RANCH, INC	SW	NE	34	12N	23E	160.00	640.00	640.00	1.25	AFA	
107 N12 E23 27AADD2	18804	5967	IRR	HUNEWILL LAND & LIVESTOCK CO. INC	NE	NE	27	12N	23E	400.00	1,600.00	1,600.00	0.00	AFA	
107 N10 E24 09BACD2	18879	6052	IRR	F.I.M. CORP.	NE	NW	9	10N	24E	287.00	1,148.00		71.90	AFA	3
107 N11 E24 30BCDD1	18938	5688	IRR	F.M. FULSTONE, INC.	SW	NW	30	11N	24E	513.00	2,052.00		43.79	AFA	1
107 N12 E23 28DCBD1	18953	6445	IRR	DREYER, ROLAND AND JOAN	SW	SE	28	12N	23E	200.00	800.00	800.00	180.96	AFA	
107 N11 E23 23BCBB1	18990	6269	IRR	SOILFUME, INC. A CALIFORINIA CORP	NW	NW	23	11N	23E	73.00	292.00	292.00	4.40	AFA	
107 N11 E24 18ADAD1	19102	6053	IND	LYON COUNTY	SE	NE	18	11N	24E		14.48	14.48	14.48	AFA	
107 N11 E23 11BBBC1	19600	6029	IRR	POPE VALLEY RANCHING NEVADA, LLC	NW	NW	11	11N	23E	275.35	1,101.40	1,101.40	301.83	AFA	
107 N11 E24 31CDCB1	19602	6009	IRR	URREA, JOHN	SW	SW	31	11N	24E	190.09	760.36	760.36	0.00	AFA	
107 N10 E23 02ACCB1	19734	6434	IRR	F.M. FULSTONE INC.	SW	NE	2	10N	23E	603.40	2,413.60	2,413.60	0.00	AFA	70927
107 N11 E24 32BBDD2	19983	6731	IRR	C.E.A.S. COMPANY	NW	NW	32	11N	24E	316.00	1,264.00	1,264.00	4.59	AFA	
107 N10 E24 20BDDD1	20014	7460	IRR	AIAZZI, GARY R AND CYNTHIA .	SE	NW	20	10N	24E	244.51	978.04		8.54	AFA	4
107 N11 E23 10ACBB1	20351	5474	IRR	1990 SPENCE FAMILY TRUST	SW	NE	10	11N	23E	258.59	954.44	954.44	443.22	AFA	
107 N11 E23 03DCBC1	20491	6464	IRR	BRYAN, VERNON F. & RUTH A.	SW	SE	3	11N	23E	162.50	650.00			AFA	2
107 N10 E24 16ACCC1	22904	8495	IRD	NORTH VALLEY HOLDINGS, LLC	SW	NE	16	10N	24E	5.56	22.22	22.22	0.01	AFA	
107 N11 E24 32ACAB1	22913	8208	IRR	SIX-N RANCH, INC.	SW	NE	32	11N	24E	41.10	134.83	224.37	134.83	AFA	
107 N12 E23 34BACB1	22936	6855	IRR	FARIAS WHEEL RANCH, INC	NE	NW	34	12N	23E	325.15	1,002.95	1,002.95	0.00	AFS	
107 N11 E23 13BBDD1	23191	8483	IRR	JOE ROBINSON MATHIS AND ELEANOR MARGHERITE MATHIS TRUST DATED 1/5/1984, RICHARD MORGAN MATHIS, SUCCESSOR TRUSTEE	NW	NW	13	11N	23E	41.40	165.60	165.60	30.69	AFA	
107 N11 E23 10ACBB1	23521	7482	IRR	BAUHOFER, WILLIAM L	SW	NE	10	11N	23E	51.48	205.90	205.90	0.00	AFA	
107 N10 E24 21BABA1	23627	8205	IRR	F.I.M. CORP.	NE	NW	21	10N	24E	156.00	624.00	624.00	340.00	AFA	
107 N11 E23 02DDDB1	23800	8046	IRR	MANN, LUETTA A. AND STURTEVANT, HELEN M	SE	SE	2	11N	23E	6.00	24.00	24.00	12.00	AFA	
107 N11 E23 15CCDC1	24347	7021	COM	O'BANION, CAROL R	SW	SW	15	11N	23E		24.00	24.00	24.00	AFA	82800
107 N11 E23 12BCAA1	25347	7556	IRR	JOHNSON, RICHARD & SHARLENE	SW	NW	12	11N	23E	54.66	218.64	267.60	218.64	AFA	5
107 N10 E24 09CDCC1	25374	8673	IRR	S.V. DEVELOPMENT, LLC	SE	SW	9	10N	24E	113.53	454.12	454.12	0.00	AFA	
107 N11 E23 02CCBB1	25441	8676	IRR	FLYING A LIMITED PARTNERSHIP	SW	SW	2	11N	23E	180.00	720.00	758.50	0.00	AFA	6
107 N10 E24 07CDBA1	25506	8424	IRR	GROSVENOR, ELAINE L.	SE	SW	7	10N	24E	162.50	650.00	650.00	0.00	AFA	
107 N11 E23 12BCAA1	25543	7557	IRR	JOHNSON, RICHARD & SHARLENE	SW	NW	12	11N	23E	64.18	256.72		17.82	AFA	5
107 N11 E23 12CBBB1	25690	9215	IRR	CASEBOLT, INC. & J. CASEBOLT	NW	SW	12	11N	23E	105.08	396.60	426.08	340.53	AFA	7
107 N12 E23 35AACD1	25895	8090	IRR	JAMROG TRUST	NE	NE	35	12N	23E	31.92	127.68		0.00	AFA	16629
107 N11 E23 23BDDA1	26360	12646	IRR	HUNEWILL, FRANK E. AND RANDI J	SE	NW	23	11N	23E	1.40	5.60	5.60	2.00	AFA	
107 N10 E24 08CBCA1	26730	9762	IRR	F.I.M. CORP.	NW	SW	8	10N	24E	448.00	1,792.00	1,808.00	355.71	AFA	41361
107 N11 E23 15CBAA1	26804	9353	IRR	RUPE FAMILY TRUST AGREEMENT	NE	SW	15	11N	23E	267.00	1,068.00	1,068.00	0.00	AFA	
107 N10 E24 17CCAA1	26883	9280	IRR	FELTHOVEN, LEE AND EILEEN	SW	SW	17	10N	24E	22.23	88.92		123.84	AFA	4
107 N11 E24 30DBCB1	26937	9166	IRR	LYON COUNTY	NW	SE	30	11N	24E	9.16	36.64	36.64	6.48	AFA	
107 N11 E23 13DBDB1	27298	9176	IRR	BUTLER, GARY R. & THERESA A.	NW	SE	13	11N	23E	0.38	1.50	1.50	1.50	AFA	
107 N11 E23 03CBBC1	27317	10104	IRR	GEORGE C. HELMUTH AND PAMELA D. HELMUTH FAMILY TRUST AGREEMENT DATED 11/15/2010	NW	SW	3	11N	23E	276.50	1,106.00	1,106.00	647.27	AFA	
107 N10 E24 20DCDC1	27704	9363	IND	L. S. DAY, INC	SW	SE	20	10N	24E		43.36	43.36	50.10	AFA	
107 N10 E24 18BACD1	28293	12869	IRR	F.I.M. CORP.	NE	NW	18	10N	24E	75.30	301.20	301.20	301.20	AFA	
107 N10 E24 08CBCA1	33232	9841	IRR	F.I.M. CORP.	NW	SW	8	10N	24E	308.00	1,232.00	1,232.00	0.00	AFA	
107 N12 E24 31DBBA1	36824	12458	IRR	PINION RANCH ESTATES, LLC	NW	SE	31	12N	24E	2.07	8.28	8.28	8.28	AFA	
107 N11 E23 12CBBB1	40400	12349	IRR	GREGORIS, OTTAVIO & YVETTE	NW	SW	12	11N	23E	5.43	21.72		0.00	AFA	7
107 N10 E24 18BACD1	41361	14386	IRR	F.I.M. CORP.	NE	NW	18	10N	24E	75.00	340.00		161.67	AFA	26730

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107 N13 E24 21BCCD1	43578	11183	STK	F.I.M., CORP.	SW	NW	21	13N	24E		18.11	18.11	18.11	AFA	
107 N11 E23 12BCAA1	46606	11205	IRR	JOHNSON, RICHARD & SHARLENE	SW	NW	12	11N	23E	2.62	10.48		0.00	AFA	5
107 N11 E23 12BCAA1	46607	11206	IRR	JOHNSON, RICHARD & SHARLENE	SW	NW	12	11N	23E	64.18	256.72		0.00	AFA	5
107 N11 E23 12CBBB1	46608	12352	IRR	CASEBOLT, INC. & JOSEPHINE	NW	SW	12	11N	23E	21.04	84.14		0.00	AFA	7
107 N11 E24 10AAAA1	46622	17147	QM	SIMMONS, LEIA H.	NE	NE	10	11N	24E		44.81	104.81	44.81	AFA	75697
107 N14 E24 31CACA1	50311	12678	STK	F.M. FULSTONE, INC.	NE	SW	31	14N	24E		26.79	26.79	0.00	AFA	
107 N11 E23 13ABAC1	50926	13053	IRR	OXSEN, NANCY A.	NW	NE	13	11N	23E	3.20	12.80	12.80	6.40	AFA	
107 N10 E23 01CBCA1	51546	PER	QM	LYON COUNTY	NW	SW	1	10N	23E		133.93	66.97	4.48	AFA	74589
107 N11 E24 20CBAC1	53075	PER	COM	HUNEWILL ENTERPRISES	NW	SW	20	11N	24E		2.88	2.88	0.00	AFA	
107 N11 E24 09AACB1	53835	PER	COM	SMITH VALLEY CATTLE FEEDERS	NE	NE	9	11N	24E		115.70	462.62	115.70	AFA	9
107 N11 E24 09ADBD1	53836	PER	COM	SMITH VALLEY CATTLE FEEDERS	SE	NE	9	11N	24E		115.70		1.62	AFA	9
107 N11 E24 09ADBC1	53837	PER	COM	SMITH VALLEY CATTLE FEEDERS	SE	NE	9	11N	24E		115.70		0.00	AFA	9
107 N10 E24 07DCCB1	53907	PER	IRR	HULSTROM, GENE E. & DONNA	SW	SE	7	10N	24E	4.40	10.60	10.60	1.92	AFA	
107 N13 E23 22DABA1	54441	13898	STK	F.I.M., INC.	NE	SE	22	13N	23E		8.96	8.96	0.00	AFA	
107 N10 E24 03BBAB1	54655	15410	IRR	CEFALU, JOHN N.	NW	NW	3	10N	24E	37.90	151.60	151.60	62.63	AFA	
107 N12 E24 31BADA1	55027	PER	IRR	GAGNE, J. & M., MOREHOUSE, W. & L.	NE	NW	31	12N	24E	6.00	13.47	24.00	0.00	AFA	55028
107 N12 E24 31BADA1	55028	PER	IRR	2008 VLOT REVOCABLE TRUST	NE	NW	31	12N	24E	6.00	10.53		0.00	AFA	55027
107 N11 E24 33DADA1	55085	15263	IRR	WIPFLI, CANDACE	NE	SE	33	11N	24E	17.00	65.29	65.29	0.00	AFA	
107 N10 E23 02BCBD1	55254	15459	COM	BERGSTROM, CYNTHIA K.	SW	NW	2	10N	23E		0.55	0.55	3.86	AFA	
107 N11 E24 20CCBB1	56746	13961	COM	LEINASSAR, MARIANNE F	SW	SW	20	11N	24E		3.22	3.22	0.73	AFA	
107 N10 E24 20ABDC1	57236	PER	IRR	DANA STUART-MOORE TRUST DATED APRIL 2, 201(	NW	NE	20	10N	24E	20.00	48.00	80.00	22.86	AFA	57237
107 N10 E24 20ABDC1	57237	PER	IRR	DANA STUART-MOORE TRUST DATED APRIL 2, 201(	NW	NE	20	10N	24E	20.00	80.00		0.00	AFA	57236
107 N11 E24 09ACCB1	57362	PER	COM	SMITH VALLEY CATTLE FEEDERS	SW	NE	9	11N	24E		115.70		82.43	AFA	9
107 N11 E23 03ABCC1	57495	14431	IRR	BRYAN, VERNON F. & RUTH A.	NW	NE	3	11N	23E	52.60	210.40		1.97	AFA	2
107 N12 E23 25DCCB1	57771	16103	STK	FLYING "A" RANCE	SW	SE	25	12N	23E		11.20	11.20	8.25	AFA	
107 N13 E24 18BCDD1	57921E	PER	ENV	SONORA MINING CORPORATION	SW	NW	18	13N	24E		36.21	36.21	0.00	AFA	8
107 N13 E24 18CB 1	58091E	PER	ENV	SONORA MINING CORPORATION	NW	SW	18	13N	24E		72.43	72.43	0.00	AFA	8
107 N11 E24 32DCCD1	58873	18578	IRR	SIX-N RANCH, INC.	SW	SE	32	11N	24E	546.01	467.64	2,184.04	0.00	AFA	10
107 N11 E24 32DCCD1	58874	18579	IRR	SIX-N RANCH, INC.	SW	SE	32	11N	24E	546.01	1,043.47		0.00	AFA	10
107 N10 E24 04ABCA1	58875	18580	IRR	SIX-N RANCH, INC.	NW	NE	4	10N	24E	546.01	627.64		2.16	AFA	10
107 N11 E24 32ACAB2	58876	18581	IRR	SIX-N RANCH, INC.	SW	NE	32	11N	24E	546.01	2,106.04		41.29	AFA	10
107 N11 E24 32ACAB1	58878	18582	IRR	SIX-N RANCH, INC.	SW	NE	32	11N	24E	546.01	1,808.04		253.98	AFA	10
107 N11 E23 12CBBB1	58994	14432	IRR	GREGORIS, OTTAVIO A.	NW	SW	12	11N	23E	4.20	16.80	16.80	0.00	AFA	
107 N10 E23 02DADA1	59173	17872	COM	HOYE PLAZA LLC	NE	SW	2	10N	23E		0.22	0.22	0.00	AFA	
107 N10 E23 02CABD2	60037	15010	COM	WELLINGTON STATION, LLC	NE	SW	2	10N	23E		8.59	15.07	6.29	AFA	11
107 N12 E23 35AC 2	60725	16234	IRR	RUF, ROSS C. & KYLE A.	SW	NE	35	12N	23E	5.00	12.50	20.00	12.50	AFS	60726
107 N12 E23 35AC 2	60726	16235	IRR	RUF, ROSS C. & KYLE A.	SW	NE	35	12N	23E	5.00	20.00		5.34	AFS	60725
107 N11 E24 28DDCD1	60814	14794	IRR	BACKTRACK, LLC	SE	SE	28	11N	24E	137.00	489.01	489.01	489.01	AFA	
107 N11 E24 33BACC2	60816	14795	IRR	STRAGGLER, LLC	NE	NW	33	11N	24E	1.00	3.98	3.98	3.98	AFA	
107 N11 E24 33BACC2	60817	14796	IRR	GARMS, GARY AND TONI	NE	NW	33	11N	24E	159.00	636.00	636.00	544.48	AFA	
107 N11 E24 27CDAA1	60818	14982	IRR	HELLER FAMILY TRUST	SE	SW	27	11N	24E	112.00	448.00	448.00	40.46	AFA	
107 N11 E24 32ACAB1	61183	14721	IRR	SIX-N RANCH, INC.	SW	SE	32	11N	24E	27.30	89.54		0.00	AFA	
107 N10 E23 11AABA1	61721	16662	COM	OXSEN, PETER & NANCY	NE	NE	11	10N	23E		1.57	1.57	0.04	AFA	
107 N10 E24 18DACB1	61987	16015	IRR	ROYCE W. ANDERSON, TRUSTEE	NE	SE	18	10N	24E	5.00	20.00	20.00	18.77	AFA	
107 N12 E24 27DABC1	62002	15095	STK	F.I.M. CORP.	NE	SE	27	12N	24E		8.96	8.96	0.00	AFA	
107 N10 E23 02CABD2	62128	19025	COM	WELLINGTON STATION, LLC	NE	SW	2	10N	23E		1.48		1.48	AFA	11
107 N11 E24 30CBBB1	62213	16371	QM	METHODIST EPISCOPAL CHURCH	NW	SW	30	11N	24E		3.06	3.06	2.00	AFA	
107 N10 E24 17CBDB1	62992	16767	QM	SOUTH LYON COUNTY HOSPITAL DISTRICT	NW	SW	17	10N	24E		0.13	0.13	0.39	AFA	
107 N11 E24 27CCCA1	63302	16113	IRR	HARTWICK, REX A.	SW	SW	27	11N	24E	3.00	12.00	12.00	14.16	AFA	
107 N11 E24 28DDCD1	63460	15344	IRR	BACKTRACK, LLC	SE	SE	28	11N	24E	146.25	4.74	96.00	4.74	AFA	12
107 N11 E24 28DDCD1	63461	15345	IRR	BACKTRACK, LLC	SE	SE	28	11N	24E	146.25	5.26		5.26	AFA	12
107 N11 E24 28DDCD1	63462	15346	IRR	BACKTRACK, LLC	SE	SE	28	11N	24E	146.25	40.76		40.76	AFA	12
107 N11 E24 28DDCD1	63463	15347	IRR	BACKTRACK, LLC	SE	SE	28	11N	24E	146.25	45.24		44.44	AFA	12
107 N12 E23 34ACCC2	63521	15379	IRR	DINSMORE FAMILY TRUST	SW	NE	34	12N	23E	19.40	48.50	77.60	0.00	AFS	63522
107 N12 E23 34ACCC2	63522	15380	IRR	DINSMORE FAMILY TRUST	SW	NE	34	12N	23E	19.40	77.60		0.00	AFA	63521

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107 N11 E24 31ABDC1	63716	16320	COM	S V DEVELOPMENT, L.L.C.	NW	NE	31	11N	24E		10.92	10.92	8.74	AFA	
107 N10 E23 02DBCB1	63781	16300	COM	IRVING MAXON CHASE LIVING TRUST	NW	SE	2	10N	23E		0.71	0.71	0.02	AFA	
107 N11 E23 24DDDD1	64013	15639	IRR	GANSBERG, CHRIS H., JR. & FAYE E	SE	SE	24	11N	23E	80.00	254.74	320.00	0.00	AFA	64014
107 N11 E23 24DDDD1	64014	15640	IRR	GANSBERG, CHRIS H., JR. & FAYE E	SE	SE	24	11N	23E	80.00	65.26		0.00	AFA	64013
107 N10 E23 02DDDD1	64015	16284	COM	WALKER RIVER CONSTRUCTION	SE	SE	2	10N	23E		1.31	1.31	0.66	AFA	
107 N10 E23 02DBBC1	64393	16052	COM	SMITH, DANIEL G.	NW	SE	2	10N	23E		0.87	0.87	0.19	AFA	
107 N10 E23 02DBCB2	64394	16302	COM	THE RENEGADE CORP.	NW	SE	2	10N	23E		1.58	1.58	1.58	AFA	
107 N11 E24 22BCBC1	64437	16089	COM	SMITH VALLEY BAPTIST CHURCH	SW	NW	22	11N	24E		0.44	1.52	0.44	AFA	71338
107 N11 E24 28ADCA1	64509	16361	IRR	GREGORY & DEBORAH LONG FAMILY TRUST	SE	NE	28	11N	24E	2.00	8.00	8.00	5.34	AFA	
107 N10 E23 11AAAD1	65172	15843	CON	TRANSPORTATION DEPARTMENT-NEVADA	NE	NE	11	10N	23E		1.45	1.45	0.25	AFA	
107 N10 E24 04AADD1	65468	19111	IRR	RENNER LASHELE M.	NE	NE	4	10N	24E	5.00	20.00	20.00	21.21	AFA	
107 N10 E24 05ACDD1	66253	16321	IRR	JOHN AND LURA WEAVER FAMILY TRUST	SW	NE	5	10N	24E	93.00	40.00	372.00	0.00	AFA	14
107 N10 E24 05ACDD1	66254	16322	IRR	JOHN AND LURA WEAVER FAMILY TRUST	SW	NE	5	10N	24E	93.00	332.00		0.00	AFA	14
107 N10 E24 05ACDD1	66255	16323	IRR	JOHN AND LURA WEAVER FAMILY TRUST	SW	NE	5	10N	24E	93.00	40.00		0.00	AFA	14
107 N12 E23 35ABBC1	66737	PER	COM	LAFLEUR, DEBRA C	NW	NE	35	12N	23E		20.00	20.00	3.90	AFA	
107 N11 E24 21DAAD1	66917	18453	COM	GREGORY O GARMONG	NE	SE	21	11N	24E		2.02	2.02	0.00	AFA	
107 N11 E24 21BCDA1	66918	16390	COM	BYBEE REVOCABLE LIVING TRUST 2000	SW	NW	21	11N	24E		2.02	2.02	0.18	AFA	
107 N11 E24 21DABA1	66919	16363	COM	OXSEN ENTERPRISES LLC	NE	SE	21	11N	24E		0.39	0.39	0.13	AFA	
107 N11 E24 08BBBB1	67889	18073	COM	SMITH TRANSFER STATION	NW	NW	8	11N	24E		2.02	2.02	0.11	AFA	
107 N11 E23 03DCDC1	68457	PER	COM	SMITH VALLEY FIRE PROTECTION DISTR	SW	SE	3	11N	23E		2.02	2.02	0.06	AFA	
107 N11 E24 21CBAA1	68458	PER	COM	SMITH VALLEY FIRE PROTECTION DISTR	NW	SW	21	11N	24E		2.02	2.02	0.36	AFA	
107 N12 E23 04DAAD1	68767	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NE	SE	4	12N	23E	39.90	193.85	7,801.67	0.00	AFA	15
107 N12 E23 04DAAD1	68768	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NE	SE	4	12N	23E	18.70	90.71		0.00	AFA	15
107 N13 E23 34CDBB1	68770	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	SW	34	13N	23E	78.36	380.00		0.00	AFA	15
107 N13 E23 34CDBB1	68771	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	SW	34	13N	23E	3.86	18.70		0.00	AFA	15
107 N13 E23 27ADCD2	68773	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NE	SE	27	13N	23E	329.00	1,316.00		368.69	AFA	15
107 N13 E23 34BDBB1	68774	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	NW	34	13N	23E	239.40	723.97		192.05	AFA	15
107 N13 E23 34BDBB1	68776	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	NW	34	13N	23E	239.40	957.60		0.00	AFA	15
107 N13 E23 34BDBB1	68777	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	NW	34	13N	23E	239.40	957.60		0.00	AFA	15
107 N10 E23 02DDBC1	68963	20129	COM	JACKAROO, LLC	SE	SE	2	10N	23E		0.30	0.30	0.00	AFA	
107 N13 E24 30AACC2	69415	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NE	NE	30	13N	24E	163.43	616.88		616.88	AFA	15
107 N13 E24 30ADDD1	69416	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	NE	30	13N	24E	163.43	653.72		142.03	AFA	15
107 N13 E24 19DBBC1	69417	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	SE	19	13N	24E	154.22	616.88		0.00	AFA	15
107 N13 E24 30ACBC1	69418	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SW	NE	30	13N	24E	152.04	608.16		0.00	AFA	15
107 N10 E24 09CDCC1	69528	20238	IRR	S.V.DEVELOPMENT, LTD	SE	SW	9	10N	24E	14.41	57.64	57.64	0.00	AFA	
107 N12 E23 26ADBA1	69712	20151	IRR	SALONY FAMILY TRUST	SE	NE	26	12N	23E	1.25	5.00	15.00	5.00	AFA	76823
107 N11 E24 07CDDC1	69801	16784	STK	GANSBERG, CHRIS H., JR. & FAYE E	SE	SW	7	11N	24E		21.72	21.72	0.00	AFA	
107 N11 E23 24DDDD1	70044	20153	IRR	GANSBERG, CHRIS H., JR. & FAYE E	SE	SE	24	11N	23E	33.00	119.57	173.92	0.00	AFA	70045
107 N11 E23 24DDDD1	70045	20154	IRR	GANSBERG, CHRIS H., JR. & FAYE E	SE	SE	24	11N	23E	15.00	54.35		0.00	AFA	70044
107 N12 E23 27CCDC1	70115	20298	IRR	STEWART, KIM K. & KATHLEEN L	SW	SW	27	12N	23E	86.80	267.76	267.76	0.00	AFA	
107 N10 E23 02ACCB1	70927	20507	IRR	F. M. FULSTONE INC.	SW	NE	2	10N	23E	169.00	100.80		0.00	AFA	19734
107 N13 E23 25BACD1	71052	PER	IRR	CHILTON, MICHAEL J	NE	NW	25	13N	23E	35.00	140.00		0.00	AFA	15
107 N11 E24 22BCBC1	71338	19027	COM	SMITH VALLEY BAPTIST CHURCH	SW	NW	22	11N	24E		1.08		0.67	AFA	64437
107 N11 E23 01DCDB1	71361	PER	IRR	HALLEY, DAN	SW	SE	1	11N	23E	13.33	4.00	4.00	2.82	AFA	
107 N10 E24 04ABCA1	71384	18583	IRR	SIX-N-RANCH, INC.	NW	NE	4	10N	24E	31.49	125.96	125.96	0.00	AFA	
107 N10 E24 18ACCB1	71558	17988	IRR	SAVIDGE, DALE A. & MAUREEN P	SW	NE	18	10N	24E	1.52	6.06	6.06	0.00	AFA	
107 N10 E24 08CCBA1	71673	PER	IRR	ROSACHI FAMILY TRUST	SW	SW	8	10N	24E	7.50	30.00	30.00	0.00	AFA	
107 N10 E24 09CDCC1	71714	20386	IRR	F.M. FULSTONE, INC.	SE	SW	9	10N	24E	19.60	78.39	78.39	0.00	AFA	
107 N11 E23 36ACBC1	71864	PER	IRR	FULSTONE 1989 TRUST/RN FULSTONE CC	SW	NE	36	11N	23E	195.04	601.70	601.70	10.38	AFA	
107 N11 E23 13DBBC1	72663	20244	IRR	HELM, DANIEL B. & CONNIE L	NW	SE	13	11N	23E	0.25	1.00	1.00	0.60	AFA	
107 N13 E23 26CDCC1	72979	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY LLC	SE	SE	26	13N	23E	29.92	145.14		145.14	AFA	15
107 N11 E23 34DDCC1	73714	PER	IRR	MURPHY, PATRICK & DANA	SE	SE	34	11N	23E	2.81	11.23	11.23	11.90	AFA	
107 N11 E23 12DDAA1	74580	PER	IRR	MAYO, JIM & VALERIE	SE	SE	12	11N	23E	1.25	5.00	5.00	0.21	AFA	
107 N11 E23 12DDAC1	74581	PER	IRR	GANGWISH, KAREN	SE	SE	12	11N	23E	0.50	2.00	2.00	3.58	AFA	
107 N10 E23 01CBAB1	74589	PER	REC	LYON COUNTY	NW	SW	1	10N	23E		133.93	66.97	56.54	AFA	51546

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107 N13 E23 26CDCC1	74804	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	SW	26	13N	23E	80.10	320.40		320.40	AFA	15
107 N13 E24 30BBBB1	74805	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	NW	30	13N	24E	80.10	320.40		320.40	AFA	15
107 N13 E24 30BBBB1	74806	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	NW	30	13N	24E	53.29	213.16		108.22	AFA	15
107 N13 E24 30BBBB1	74807	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	NW	30	13N	24E	53.29	213.16		0.00	AFA	15
107 N13 E23 26CDCC1	74808	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	SE	SW	26	13N	23E	90.60	362.40		83.75	AFA	15
107 N13 E24 30BBBB1	74809	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	NW	30	13N	24E	23.40	93.60		0.00	AFA	15
107 N12 E24 31ADBB1	74982	PER	IRR	2008 VLOT REVOCABLE TRUST	SE	NE	31	12N	24E	18.68	41.95	112.22	0.00	AFA	16
107 N12 E24 31ADBB1	74983	PER	IRR	2008 VLOT REVOCABLE TRUST	SE	NE	31	12N	24E	18.68	32.77		0.00	AFA	16
107 N12 E24 31ADBB1	74984	PER	IRR	2008 VLOT REVOCABLE TRUST	SE	NE	31	12N	24E	9.38	37.50		0.00	AFA	16
107 N12 E24 31DBBA1	75185	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NW	SE	31	12N	24E	91.50	366.02	875.00	154.45	AFA	17
107 N12 E24 31BACB1	75186	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	NE	NW	31	12N	24E	91.50	506.52		479.50	AFA	17
107 N12 E23 35ACBA1	75234	PER	IRR	RUF, KYLE	SW	NE	35	12N	23E	3.00	12.00	12.00	2.00	AFA	
107 N11 E23 13ADDC1	75236	PER	IRR	SEUBERT FAMILY TRUST	SE	NE	13	11N	23E	1.50	6.00	66.00	16.50	AFA	78622
107 N11 E23 02CCBB1	75237	PER	IRR	COMPSTON FAMILY 1982 TRUST	SW	SW	2	11N	23E	4.13	16.50		0.00	AFA	6
107 N11 E23 02CCBB1	75238	PER	IRR	FLYING A LIMITED PARTNERSHIP	SW	SW	2	11N	23E	5.50	21.60		0.00	AFA	6
107 N11 E23 02CCBB1	75239	PER	IRR	FLYING A LIMITED PARTNERSHIP	SW	SW	2	11N	23E	0.10	0.40		0.00	AFA	6
107 N11 E23 12DBCC1	75512	PER	IRR	ADAMS, LISA ANN	NW	SE	12	11N	23E	0.75	3.00	3.00	1.52	AFA	
107 N11 E24 10AAAA1	75697	PER	QM	SIMMONS, LEIA H.	NE	NE	10	11N	24E		60.00		12.26	AFA	46622
107 N11 E24 31CCDB1	75830	PER	STK	R.N. FULSTONE CO.	SW	SW	31	11N	24E		5.60	5.60	5.60	AFA	
107 N10 E23 02DCBA1	75884	20483	COM	GARMSLAND LIMITED LLC	SW	SE	2	10N	23E		1.12	1.12	0.21	AFA	
107 N10 E23 02DDBA1	75955	PER	IRR	NAT & KAREN LOMMORI	SE	SE	2	10N	23E	1.25	5.00	5.00	0.00	AFA	
107 N10 E23 02CABD1	76039	20301	COM	WELLINGTON STATION LLC	NE	SW	2	10N	23E		5.00		3.52	AFA	11
107 N12 E23 35ADDB1	76219	18798	IRR	PETER AND NANCY RAISBECK	SE	NE	35	12N	23E	10.50	42.00	42.00	33.48	AFA	
107 N11 E24 19DA 1	76336	17881	QM	LYON COUNTY	NE	SE	19	11N	24E		3.84	3.84	3.68	AFA	
107 N11 E23 22DBAA1	76749	20485	IRR	JOHN W. BLUFF AND MARGARET A. BLUFI	NW	SE	22	11N	23E	1.05	2.20	2.20	2.20	AFA	
107 N11 E23 22DBAA1	76750	20497	IRR	LARRY W. ROBERTS & MARY A. ROBERTS	NW	SE	22	11N	23E	0.45	1.80	1.80	1.80	AFA	
107 N12 E23 26ADBA1	76823	PER	IRR	SALONY FAMILY TRUST	SE	NE	26	12N	23E	2.50	10.00		10.00	AFA	69712
107 N11 E23 02ABAA1	77013	PER	IRR	J&S BLISS / HUNEWILL 2004 TRUST	NW	NE	2	11N	23E	157.00	628.00	628.00	52.65	AFA	
107 N13 E24 30ACBB1	77138	PER	STK	RIGHTWAY INVESTMENTS SMITH VALLEY LLC	SW	NE	30	13N	24E		2.02	2.02	2.02	AFA	
107 N13 E24 30AACC2	77139	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY LLC	NE	NE	30	13N	24E	80.00	320.00		326.21	AFA	15
107 N11 E24 30DAAA1	77232	18667	COM	ST. JOHN THE BAPTIST CATHOLIC CHURCH	NE	SE	30	11N	24E		0.73	0.73	0.42	AFA	
107 N10 E24 20ABAA1	77430	PER	IRR	PREPPY VISION LLC	NW	NE	20	10N	24E	31.19	124.76		0.00	AFA	4
107 N10 E24 17CCAA1	77431	PER	IRR	PREPPY VISION LLC	SW	SW	17	10N	24E	46.20	184.80		88.15	AFA	4
107 N10 E24 20ABAA1	77432	PER	IRR	PREPPY VISION LLC	NW	NE	20	10N	24E	137.44	549.76		0.00	AFA	4
107 N10 E24 17CCAA1	77433	PER	IRR	PREPPY VISION LLC	SW	SW	17	10N	24E	174.95	699.80		0.00	AFA	4
107 N12 E24 31ABCC1	77528	PER	IRR	JEFFREY & PEGGY CAIN	NW	NE	31	12N	24E	2.50	10.00	10.00	0.00	AFA	
107 N11 E23 23CBAB1	77676	20520	IRR	ZWART, JOHN J	NW	SW	23	11N	23E	5.00	20.00	20.00	0.00	AFA	
107 N11 E23 36ACBC1	78080	PER	IRR	FULSTONE, STEVEN A., TRUSTEE OF THE STEVEN FULSTONE 1989 TRUST	SW	NE	36	11N	23E	19.92	79.66	79.66	0.00	AFA	
107 N11 E23 02ABAA1	78098	PER	IRR	J & S BLISS/HUNEWILL 2004 TRUST	NW	NE	2	11N	23E	80.00	320.00	320.00	0.00	AFA	
107 N11 E23 13ADDC1	78622	PER	IRR	SEUBERT FAMILY TRUST	SE	NE	13	11N	23E	15.00	60.00		0.00	AFA	75236
107 N12 E24 31DBBA1	78886	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	NW	SE	31	12N	24E	0.62	2.46		0.00	AFA	17
107 N10 E24 21DDAD1	79967	PER	IRR	TODD JAMES OBANION	SE	SE	21	10N	24E	2.98	11.92	62.03	4.67	AFA	19
107 N11 E23 36ACBC1	81191	PER	IRR	F M FULSTONE INC	SW	NE	36	11N	23E	3.13	12.54	12.54	0.00	AFA	
107 N11 E23 36ACBC1	81192	PER	IRR	F M FULSTONE INC	SW	NE	36	11N	23E	12.90	51.61	51.61	0.00	AFA	
107 N10 E23 02BDDC1	82386	PER	COM	SMITH VALLEY HISTORICAL SOCIETY	SE	NW	2	10N	23E		2.00		0.00	AFA	
107 N10 E24 09BACD1	82479	PER	STK	F.I.M. CORP.	NE	NW	9	10N	24E		2.00	2.00	0.00	AFA	
107 N11 E23 22BBCA1	82800	PER	IRR	O'BANION, CAROL R	NW	NW	22	11N	23E	179.30	717.20	717.20	561.41	AFA	24347
107 N12 E23 14ADAA1	82940	PER	STK	PETERS, DARLENE AND GLEN	SE	NE	14	12N	23E		1.57	1.57	1.57	AFA	
107 N12 E23 26DCCB1	82941	PER	IRR	PETERS, DARLENE AND GLEN	SW	SE	26	12N	23E	92.70	123.50	345.60	5.25	AFS	13
107 N12 E23 26DCCB1	82942	PER	IRR	PETERS, DARLENE AND GLEN	SW	SE	26	12N	23E	92.70	98.60		0.00	AFS	13
107 N12 E23 26DCCB1	82943	PER	IRR	PETERS, DARLENE AND GLEN	SW	SE	26	12N	23E	92.70	123.50		0.00	AFS	13
107 N12 E23 26BCAA1	83121	PER	COM	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		135.08	178.55	135.08	AFA	18
107 N12 E23 26BCAA1	83122	PER	COM	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		224.13		152.35	AFA	18
107 N12 E23 26BCAA1	83123	PER	COM	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		4.85		0.00	AFA	18

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107 N13 E24 28DDCA1	83545	PER	IND	ART WILSON COMPANY	SE	SE	28	13N	24E		2.00	2.00	0.00	AFA	
107 N13 E24 27CCBC1	83546	PER	MM	ART WILSON COMPANY	SW	SW	27	13N	24E		187.82	79.18	0.00	AFA	[8]
107 N10 E23 02DDCB1	83741	PER	COM	SMITH VALLEY HALL INC	SE	SE	2	10N	23E		2.00	2.00	10.28	AFA	
107 N10 E24 29ABBA1	83742	PER	COM	GERALD GREGORY ENSEN AND MONICA STAGEN JENSEN REVOCABLE LIVING TRUST	NW	NE	29	10N	24E		2.00	2.00	1.90	AFA	
107 N11 E23 02BBCC1	83867	PER	IRR	2008 VLOT REVOCABLE TRUST	NW	NW	2	11N	23E	385.50	1,542.00	1,542.00	77.13	AFA	
107 N10 E24 21DDAD1	84239	PER	IRR	ROSSE, DEBRA DEAN	SE	SE	21	10N	24E	5.00	20.00		0.00	AFA	[19]
107 N10 E24 21DDAD1	84407	PER	IRR	SEWARD, JOHN & JOYCE	SE	SE	21	10N	24E	6.28	25.11		0.00	AFA	[19]
107 N10 E24 21DDAD1	84408	PER	IRR	SEWARD, JOHN & JOYCE	SE	SE	21	10N	24E	1.25	5.00		0.00	AFA	[19]
107 N13 E23 26DCBA1	84485	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY LLC	SW	SE	26	13N	23E	146.30	619.90		812.60	AFA	[15]
107 N11 E24 29DDBC1	84597	20152	COM	NUTI, RALPH C. AND MARY R	SE	SE	29	11N	24E		2.02	2.02	1.13	AFA	
107 N10 E23 12BCAC1	84619	PER	IRR	TRAN, THOMAS AND LAURILI	SW	NW	12	10N	23E	2.86	10.11	10.11	2.53	AFA	
107 N13 E23 25BDCD1	85206	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	SE	NW	25	13N	23E	479.50	93.60		93.60	AFA	[15]
107 N13 E23 25BDCD1	85207	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	SE	NW	25	13N	23E	479.50	552.80		349.94	AFA	[15]
107 N13 E23 25AABB1	85208	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	NE	NE	25	13N	23E	479.50	451.20		198.52	AFA	[15]
107 N13 E23 25AABB1	85209	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	NE	NE	25	13N	23E	479.50	110.00		0.00	AFA	[15]
107 N13 E23 25AABB1	85210	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	NE	NE	25	13N	23E	479.50	110.00		0.00	AFA	[15]
107 N13 E23 25AABB1	85211	PER	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	NE	NE	25	13N	23E	479.50	208.00		0.00	AFA	[15]
107 N10 E24 20ABAA1	85399	PER	IRR	PREPPY VISION LLC	NW	NE	20	10N	24E	179.46	43.32		0.00	AFA	[4]
107 N11 E23 36ACBC1	85782	PER	IRR	SOVEREIGN ENTERPRISES, LLC	SW	NE	36	11N	23E	24.88	99.52	99.52	0.00	AFA	
107 N12 E23 26BCAA1	86145	PER	STK	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		4.34	18.82	0.00	AFA	86146
107 N12 E23 26BCAA1	86146	PER	STK	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		14.48		0.00	AFA	86145
107 N11 E24 34DBAB1	86258	PER	IRR	HUSTACE, THOMAS E. AND DONNA K	NW	SE	34	11N	24E	0.90	3.60	3.60	3.60	AFA	
107 N10 E24 22CBBB1	86288	PER	WLD	U.S.-FOREST SERVICE	NW	SW	22	10N	24E		0.74	0.74	0.00	AFS	
107 N12 E23 27CCDC1	86473	PER	IRR	2008 VLOT REVOCABLE TRUST	SW	SW	27	12N	23E	10.50	42.00	484.02	0.00	AFA	86475
107 N12 E23 27CCDC1	86475	PER	IRR	2008 VLOT REVOCABLE TRUST	SW	SW	27	12N	23E	110.51	442.02			AFA	86473
107 N12 E23 26BCAA1	86481	PER	COM	ELLIS & DIANNE FARIAS	NE	SW	10	11N	23E		2.00	1.55	0.00	AFA	86482
107 N12 E23 26BCAA1	86482	PER	COM	ELLIS & DIANNE FARIAS	NE	SW	10	11N	23E		2.00		0.00	AFA	86481
107 N12 E23 26BCAA1	86483	PER	STK	2008 VLOT REVOCABLE TRUST	SW	NW	26	12N	23E		22.40		0.00	AFA	
107 N10 E24 20ABAA1	86612	PER	IRR	PREPPY VISION LLC	NW	NE	20	10N	24E	33.02	114.85			AFA	[4]
108 N10 E24 20ABAA1	86613	PER	IRR	PREPPY VISION LLC	NW	NE	21	10N	24E	10.04	34.92				[4]
107 N12 E23 35BAAB1	V02951	VST	STK	NEILL, JOHN H. & CAROLYN E	NE	NW	35	12N	23E		1.23	1.23	0.00	AFA	
107 N10 E23 11AA 1	V09342	VST	COM	ITHURBURU, JOHN & CARLSON, BILI	NE	NE	11	10N	23E				40.36	AFA	

Footnotes

[1] PERMITS 12275, 12276, 12277 & 18938 HAVE A TOTAL COMBINED DUTY OF 2,110 ACRE-FEET
[2] PERMITS 12575, 20491 & 57495 HAVE A TOTAL COMBINED DUTY OF 860.4 ACRE-FEET
[3] PERMITS 13494, 14987 & 18879 HAVE A TOTAL COMBINED DUTY OF 1,224 ACRE-FEET
[4] PERMITS 18435, 20014, 26883, 77430, 77431, 77432, 77433, 85399, 86612, & 86613 HAVE A TOTAL COMBINED DUTY OF 2,745.18 ACRE-FEET
[5] PERMITS 25347, 25543, 46606 & 46607 HAVE A TOTAL COMBINED DUTY OF 267.6 ACRE-FEET
[6] PERMITS 25441, 75237, 75238 & 75239 HAVE A TOTAL COMBINED DUTY OF 758.5 ACRE-FEET
[7] PERMITS 25690, 40400 & 46608 HAVE A TOTAL COMBINED DUTY OF 426.08 ACRE-FEET
[8] PERMITS 57921E, 58091E, & 83546 HAVE A TOTAL COMBINED DUTY OF 187.82 ACRE-FEET
[9] PERMITS 53835, 53836, 53837 & 57362 HAVE A TOTAL COMBINED DUTY OF 462.62 ACRE-FEET
[10] PERMITS 58873, 58874, 58875, 58876, & 58878 HAVE A TOTAL COMBINED DUTY OF 2,184.04 ACRE-FEET
[11] PERMITS 60037, 62128 & 76039 HAVE A TOTAL COMBINED DUTY OF 15.07 ACRE-FEET
[12] PERMITS 63460, 63461, 63462 & 63463 HAVE A TOTAL COMBINED DUTY OF 96 ACRE-FEET
[13] PERMITS 82941, 82942, & 82943 HAVE A TOTAL COMBINED DUTY OF 345.6 ACRE-FEET
[14] PERMITS 66253, 66254 & 66255 HAVE A TOTAL COMBINED DUTY OF 372 ACRE-FEET
[15] PERMITS 68767, 68768, 68770, 68771, 68773, 68774, 68776, 68777, 69415, 69416, 69417, 69418, 71052, 72979, 74804, 74805, 74806, 74807, 74808, 74809, 77139, 84485, 85206, 85207, 85208, 85209, 85210, & 85211 HAVE A TOTAL COMBINED DUTY OF 7,801.67 ACRE-FEET
[16] PERMITS 74982, 74983 & 74984 HAVE A TOTAL COMBINED DUTY OF 112.22 ACRE-FEET
[17] PERMITS 75185, 75186, &78886 HAVE A TOTAL COMBINED DUTE OF 875.0 ACRE-FEET
[18] PERMITS 83121, 83122, & 83123 HAVE A TOTAL COMBINED DUTY OF 178.55 ACRE-FEET
[19] PERMITS 79967, 84239, 84407, & 84408 HAVE A TOTAL COMBINED DUTY OF 62.03 ACRE-FEET

APPENDIX B. 2017 SMITH VALLEY GROUNDWATER PUMPAGE BY APPLICATION NUMBER

SITE NAME	PERMITS	MOU	OWNER OF RECORD	DUTY USED 2013	DUTY USED 2014	DUTY USED 2015	DUTY USED 2016	DUTY USED 2017
107 N10 E23 01ADCA1	16477	IRR	DNB INVESTMENT GROUP, LLC	254.04	300.30	510.05	532.59	0.00
107 N10 E23 01CBAB1	74589	REC	LYON COUNTY	63.62	57.85	54.00	52.60	56.54
107 N10 E23 01CBCA1	51546	QM	LYON COUNTY	1.91	0.00	0.00	0.01	4.48
107 N10 E23 02ACCB1	19734, 70927	IRR	F.M. FULSTONE INC.	1,997.66	2,346.29	1,688.97	1,191.03	0.00
107 N10 E23 02BCBD1	55254	COM	BERGSTROM, CYNTHIA K.	0.38	0.41	1.21	2.70	3.86
107 N10 E23 02BDDC1	82386	COM	SMITH VALLEY HISTORICAL SOCIETY		0.00	0.00	0.00	0.00
107 N10 E23 02CABD1	60037, 62128, 76039	COM	WELLINGTON STATION, LLC	8.59	15.92	12.51	13.74	11.29
107 N10 E23 02DADA1	59173	COM	HOYE PLAZA LLC	0.22	0.22	0.22	0.04	0.00
107 N10 E23 02DBBC1	64393	COM	SMITH, DANIEL G.	0.11	0.14	0.11	0.17	0.19
107 N10 E23 02DBCB1	63781	COM	IRVING MAXON CHASE LIVING TRUST	0.71	0.71	0.71	0.03	0.02
107 N10 E23 02DBCB2	64394	COM	THE RENEGADE CORP.	1.58	1.58	1.58	1.58	1.58
107 N10 E23 02DCBA1	75884	COM	GARMSLAND LIMITED LLC	1.09	1.09	0.21	0.24	0.21
107 N10 E23 02DDBA1	75955	IRR	NAT AND KAREN LOMMORI	0.00	0.00	0.00	0.00	0.00
107 N10 E23 02DDBC1	68963	COM	JACKAROO, LLC	0.00	0.04	0.00	0.00	0.00
107 N10 E23 02DDCB1	83741	COM	SMITH VALLEY HALL INC			2.00	6.77	10.28
107 N10 E23 02DDDD1	64015	COM	WALKER RIVER CONSTRUCTION	1.31	1.31	0.00	0.66	0.66
107 N10 E23 11AA 1	V09342	COM	ITHURBURU, JOHN & CARLSON, BILL	40.36	40.36	40.36	40.36	40.36
107 N10 E23 11AAAD1	65172	CON	TRANSPORTATION DEPARTMENT-NEVADA	0.19	0.19	0.20	0.16	0.25
107 N10 E23 11AABA1	61721	COM	OXSEN, PETER & NANCY	0.00	0.00	0.18	0.04	0.04
107 N10 E23 12BCAC1	84619	IRR	TRAN, THOMAS AND LAURILL					2.53
107 N10 E24 03BBAB1	54655	IRR	CEFALU, JOHN N.	151.60	138.61	26.09	26.36	62.63
107 N10 E24 03BBDD1	16440	IRR	F.I.M. CORP.	423.01	442.93	270.37	251.32	102.89
107 N10 E24 04AADD1	65468	IRR	RENNER LASHELE M.	20.00	22.26	16.84	17.74	21.21
107 N10 E24 04ABCA1	58875, 71384	IRR	SIX-N RANCH, INC.	873.78	954.36	828.42	614.99	2.16
107 N10 E24 04CDDC1	13494	IRR	F.I.M. CORP.	0.00	0.00	0.00	0.00	0.00
107 N10 E24 05ACDD1	66253, 66254, 66255	IRR	JOHN AND LURA WEAVER FAMILY TRUST	600.23	544.14	287.21	74.40	0.00
107 N10 E24 05CBAD1	12278	IRR	F. M. FULSTONE INC	144.50	144.50	0.00	144.50	72.25
107 N10 E24 07CDBA1	25506	IRR	GROSVENOR, ELAINE L.	620.08	346.09	325.91	345.73	0.00
107 N10 E24 07DCCB1	53907	IRR	HULSTROM, GENE E. & DONNA	2.21	2.18	1.65	1.97	1.92
107 N10 E24 07DDBB1	18680	IRR	DREYER, ROLAND AND JOAN	815.50	13.09	5.67	2.04	0.00
107 N10 E24 08CBCA1	26730, 33232	IRR	F.I.M. CORP.	1,630.04	1426.40	1067.85	719.44	355.71
107 N10 E24 08CCBA1	71673	IRR	ROSACHI FAMILY TRUST	0.00	0.00	0.00	0.00	0.00
107 N10 E24 09BACD1	82479	IRR	F.I.M. CORP.				0.00	0.00
107 N10 E24 09BACD2	18879	IRR	F.I.M. CORP.	481.65	933.87	547.51	429.11	71.90
107 N10 E24 09BCBC1	14987	IRR	F.I.M. CORP.	1,172.00	1,172.00	764.68	205.56	32.79
107 N10 E24 09CDCC1	25374, 69528, 71714	IRR	S.V. DEVELOPMENT, LTD. & F. M. FULSTONE INC.	0.00	0.00	0.00	0.00	0.00
107 N10 E24 16ACCC1	22904	IRD	NORTH VALLEY HOLDINGS, LLC	0.00	414.64	0.00	0.00	0.01
107 N10 E24 17CBDB1	62992	QM	SOUTH LYON COUNTY HOSPITAL DISTRICT	0.11	0.13	0.52	0.81	0.39
107 N10 E24 17CCAA1	26883, 77431, 77433	IRR	PREPPY VISION LLC	565.18	678.71	398.21	447.14	211.99
107 N10 E24 18ACCB1	71558	IRR	SAVIDGE, DALE A. & MAUREEN P.	6.06	3.37	0.00	0.00	0.00
107 N10 E24 18BACD1	28293, 41361	IRR	F.I.M. CORP.	495.16	39.54	436.53	641.20	462.87
107 N10 E24 18DACB1	61987	IRR	ROYCE W. ANDERSON, TRUSTEE	20.00	8.64	13.30	17.71	18.77
107 N10 E24 20ABAA1	18435, 77430, 77432, 85399, 86612, 86613	IRR	PREPPY VISION LLC	937.22	681.27	440.14	288.95	82.04
107 N10 E24 20ABDC1	57236, 57237	IRR	DANA STUART-MOORE TRUST DATED APRIL 2, 2010	42.68	42.03	34.17	18.16	22.86
107 N10 E24 20BDDD1	20014	IRR	AIAZZI, GARY R AND CYNTHIA J	191.87	433.63	371.79	378.51	8.54
107 N10 E24 20DCDC1	27704	IND	L. S. DAY, INC	13.03	7.76	16.73	22.14	50.10
107 N10 E24 21BABA1	23627	IRR	F.I.M. CORP.	294.53	374.20	185.58	303.02	340.00
107 N10 E24 21DDAD1	79967, 84239, 84407, 84408	IRR	TODD JAMES OBANION; ROSSE, DEBRA DEAN; SEWARD, JOHN AND JOYCE	5.38	62.03	8.00	12.52	4.67
107 N10 E24 22CBBB1	86288	WLD	U.S. FOREST SERVICE	0.00	0.00	0.00	0.00	0.00
107 N10 E24 29ABBA1	83742	COM	GERALD GREGORY ENSEN AND MONICA STAGEN JENSEN REVOCABLE LIVING TRUST				2.00	1.90
107 N11 E23 01DCDB1	71361	IRR	HALLEY, DAN	2.42	2.10	1.98	4.77	2.82

SITE NAME	PERMITS	MOU	OWNER OF RECORD	DUTY USED 2013	DUTY USED 2014	DUTY USED 2015	DUTY USED 2016	DUTY USED 2017
107 N11 E23 02ABAA1	77013, 78098	IRR	J&S BLISS / HUNEWILL 2004 TRUST	745.14	1,162.15	625.97	1,001.59	52.65
107 N11 E23 02BBCC1	83867	IRR	2008 VLOT REVOCABLE TRUST	1,001.22	700.23	797.15	561.01	77.13
107 N11 E23 02CCBB1	25441, 75237, 75238, 75239	IRR	FLYING A LIMITED PARTNERSHIP; COMPSTON FAMILY 1982 TRUST	596.80	802.33	607.03	637.77	0.00
107 N11 E23 02DCDA1	12262	STK	FLYING A LIMITED PARTNERSHIP	0.00	0.00	0.00	0.00	5.43
107 N11 E23 02DDDB1	23800	IRR	MANN, LUETTA A. AND STURTEVANT, HELEN M					12.00
107 N11 E23 03ABCC1	57495	IRR	BRYAN, VERNON F. & RUTH A.	11.92	102.96	145.66	140.52	1.97
107 N11 E23 03CBBC1	27317	IRR	COSTA RANCH, L.P.	1,113.41	1,258.48	936.98	480.24	647.27
107 N11 E23 03DCBC1	12575, 20491	IRR	MILE HI INVESTMENT COMPANY; BRYAN, VERNON F. & RUTH A	860.40	959.67	503.49	480.00	15.81
107 N11 E23 03DCDC1	68457	COM	SMITH VALLEY FIRE PROTECTION DISTR.	0.00	0.00	0.00	0.00	0.06
107 N11 E23 10ACBB1	20351, 23521	IRR	1990 SPENCE FAMILY TRUST; BAUHOFER, WILLIAM L	651.51	658.84	565.11	586.32	443.22
107 N11 E23 11BBBC1	19600	IRR	POPE VALLEY RANCHING NEVADA, LLC	1101.40	907.33	617.70	423.59	301.83
107 N11 E23 12BCAA1	25347, 25543, 46606, 46607	IRR	JOHNSON, RICHARD & SHARLENE; FLYING A LTD PARTNERSHIP	304.00	597.87	231.03	150.55	236.46
107 N11 E23 12CBBB1	25690, 40400, 46608, 58994	IRR	CASEBOLT, INC. & J. CASEBOLT; GREGORIS, OTTAVIO & YVETTE	385.36	404.48	359.82	337.52	340.53
107 N11 E23 12DBCC1	75512	IRR	ADAMS, LISA ANN	1.03	1.26	0.80	0.86	1.52
107 N11 E23 12DDAA1	74580	IRR	MAYO, JIM & VALERIE	5.00	7.07	1.21	1.63	0.21
107 N11 E23 12DDAC1	74581	IRR	GANGWISH, KAREN	6.15	3.69	1.59	1.41	3.58
107 N11 E23 13ABAC1	50926	IRR	OXSEN, NANCY A.	8.38	12.80	3.80	3.55	6.40
107 N11 E23 13ADDC1	75236, 78622	IRR	SEUBERT FAMILY TRUST	0.00	66.00	66.00	0.00	16.50
107 N11 E23 13BBDD1	23191	IRR	JOE ROBINSON MATHIS AND ELEANOR MARGHERITE MATHIS TRUST DATED	44.98	56.47	37.25	44.24	30.69
107 N11 E23 13CAAA1	18327	IRR	JOE ROBINSON MATHIS AND ELEANOR MARGHERITE MATHIS TRUST, DATED	6.60	6.76	4.82	3.55	2.50
107 N11 E23 13DBBC1	72663	IRR	HELM, DANIEL B. & CONNIE L.	1.00	1.00	1.00	0.48	0.60
107 N11 E23 13DBDB1	27298	IRR	BUTLER, GARY R. & THERESA A.	1.00	1.50	1.50	1.50	1.50
107 N11 E23 15CBAA1	26804	IRR	RUPE FAMILY TRUST AGREEMENT	1,068.00	1,068.00	586.09	589.65	0.00
107 N11 E23 15CCDC1	24347	COM	O'BANION, CAROL R.	469.13	484.55	565.66	24.00	24.00
107 N11 E23 22BBCA1	82800	IRR	O'BANION, CAROL R.				462.74	561.41
107 N11 E23 22DBAA1	76749, 76750	IRR	LARRY W. ROBERTS & MARY A. ROBERTS	4.00	2.20	4.00	4.00	4.00
107 N11 E23 23BCBB1	18990	IRR	SOILFUME, INC. A CALIFORINIA CORP.	246.65	83.40	292.00	211.04	4.40
107 N11 E23 23BDDA1	26360	IRR	HUNEWILL, FRANK E. AND RANDI J.	1.00	1.00	1.00	2.00	2.00
107 N11 E23 23CBAB1	77676	IRR	ZWART, JOHN J	20.00	20.00	4.73	0.00	0.00
107 N11 E23 24CADD1	12375	STK	SCHWAKE, WALTER R.	11.20	11.20	11.20	5.60	5.60
107 N11 E23 24DBAB1	12782	IRR	NESMITH, JENNIE E.	120.00	120.00	0.00	60.00	60.00
107 N11 E23 24DDDD1	64013, 64014, 70044, 70045	IRR	GANSBERG, CHRIS H., JR. & FAYE E.	379.25	437.97	285.88	35.39	0.00
107 N11 E23 25AADD1	12301	STK	WRIGHT, NADIA	1.90	1.90	1.90	0.00	1.90
107 N11 E23 25ADDD1	12399	DOM	MCKAY, JAMES T.	3.22	3.22	3.22	3.22	1.61
107 N11 E23 25CADA1	12303	STK	LEVEILLE, ANITA	0.90	0.90	0.90	0.00	0.00
107 N11 E23 25CCCC1	12308	DOM	GROSO, CHARLES	3.22	3.22	3.22	3.22	3.22
107 N11 E23 25DAAB1	12347	STK	SEDDON, S.V.	3.36	3.36	3.36	3.36	3.36
107 N11 E23 25DBDD1	12348	STK	SEDDON, S.V.	3.36	3.36	3.36	3.36	6.72
107 N11 E23 26AAAD1	12376	STK	PINENUT RANCH CORPORATION	1.12	1.12	1.12	1.12	2.24
107 N11 E23 26ABBB1	12377	STK	PINENUT RANCH CORPORATION	1.12	1.12	1.12	1.12	0.00
107 N11 E23 26DAAD1	12343	IRR	CHIDWICK, C.F.	0.00	0.00	28.01	28.01	28.01
107 N11 E23 34DDCC1	73714	IRR	MURPHY, PATRICK & DANA			12.56	10.98	11.90
107 N11 E23 36ACBC1	71864, 78080, 81191, 81192, 85782	IRR	FULSTONE 1989 TRUST/RN FULSTON CO; FULSTONE, STEVEN A., TRUSTEEOF THE STEVEN A.FULSTONE 1989 TRUST; F.M. FULSTONE INC; SOVEREIGN		451.50	530.60	696.03	10.38
107 N11 E23 36ACCB1	12378	STK	WICHMAN, JOHN H.	1.25	1.25	1.25	1.25	2.46
107 N11 E24 07CDDC1	69801	STK	GANSBERG, CHRIS H., JR. & FAYE E.	21.72	21.72	21.72	0.00	0.00
107 N11 E24 08BBBB1	67889	COM	SMITH TRANSFER STATION	0.06	0.05	0.04	0.43	0.11
107 N11 E24 09AACB1	53835	COM	SMITH VALLEY CATTLE FEEDERS	115.70	115.70	115.70	115.70	115.70
107 N11 E24 09ACCB1	57362	COM	SMITH VALLEY CATTLE FEEDERS	107.46	59.76	119.24	107.64	82.43
107 N11 E24 09ADBC1	53837	COM	SMITH VALLEY CATTLE FEEDERS	0.00	0.00	0.00	0.00	0.00
107 N11 E24 09ADBD1	53836	COM	SMITH VALLEY CATTLE FEEDERS	6.27	0.42	0.77	0.69	1.62

SITE NAME	PERMITS	MOU	OWNER OF RECORD	DUTY USED 2013	DUTY USED 2014	DUTY USED 2015	DUTY USED 2016	DUTY USED 2017
107 N11 E24 10AAAA1	46622, 75697	QM	SIMMONS, LEIA H.	48.66	52.80	40.69	49.67	57.07
107 N11 E24 17DBDC1	12273	STK	BROWN, NORMAN D.	6.05	6.05	6.05	6.05	6.05
107 N11 E24 18ADAD1	19102	IND	LYON COUNTY	14.48	14.48	14.48	14.48	14.48
107 N11 E24 18ADDA1	12340	IRR	FENILI, PETER A. & VERONICA JEAN	0.00	0.00	0.00	0.00	19.44
107 N11 E24 18BBDA1	17756	IRR	SIGLER, CHERYL L. & RALPH M	0.00	10.44	16.44	0.00	0.00
107 N11 E24 18DAAA1	12373	STK	MANN, FRANK B.	0.00	0.00	0.00	0.00	0.00
107 N11 E24 19AADC1	12324	STK	GANSBERG, CHRIS H., JR. & FAYE E.	3.59	3.59	3.59	3.59	3.59
107 N11 E24 19ABDD1	12346	STK	MCVICAR, MRS. C. A.	0.00	0.00	0.00	0.00	0.00
107 N11 E24 19ACAA1	12345	STK	GANSBERG, CHRIS H., JR. & FAYE E.	0.00	0.00	0.00	0.00	0.00
107 N11 E24 19ADAA1	12325	DOM	GANSBERG, CHRIS H. , JR.& FAYE E.	1.00	1.00	1.00	1.00	1.00
107 N11 E24 19BCDD1	12398	STK	MCKAY, JAMES T.	11.20	11.20	11.20	11.20	11.20
107 N11 E24 19CBBC1	12342	STK	SETTELMEYER, F.W.	0.00	0.00	0.00	2.58	2.58
107 N11 E24 19DA 1	76336	QM	LYON COUNTY	5.58	4.52	2.24	2.89	3.68
107 N11 E24 19DAAD1	12352	DOM	WILLIAMS JOHN CAMERON	1.00	1.00	1.00	1.00	0.00
107 N11 E24 19DADA1	12323	DOM	GANSBERG, CHRIS H., JR. & FAYE E.	1.00	1.00	1.00	1.00	1.00
107 N11 E24 19DADD1	12339	IRR	SCHMID, A.J.	2.00	2.00	2.00	6.00	6.00
107 N11 E24 19DBAA1	12306	IRR	HINDS, BEATRICE E.	25.30	25.30	25.30	25.30	25.30
107 N11 E24 19DBBA1	12341	STK	LINSCOTT, TIMOTHY	0.69	0.67	0.67	0.67	0.67
107 N11 E24 19DDDD1	12275	IRR	F.M. FULSTONE INC.	2.00	2.00	2.00	2.00	2.00
107 N11 E24 20BCBC1	14013	IRR	WICHMAN, JOHN H.	10.60	10.60	23.29	10.60	10.60
107 N11 E24 20CBAC1	53075	COM	HUNEWILL ENTERPRISES	0.00	0.00	0.00	0.00	0.00
107 N11 E24 20CBBB1	No active rights	QM	LYON COUNTY				25.64	24.47
107 N11 E24 20CBCB1	12379	COM	RENNER AND ASSOCIATES	6.91	6.91	6.91	6.91	6.91
107 N11 E24 20CBCB2	12371	COM	CENTRAL MERCANTILE	0.71	0.71	0.71	0.00	0.00
107 N11 E24 20CCBB1	56746	COM	LEINASSAR, MARIANNE F.	0.88	1.09	0.73	0.84	0.73
107 N11 E24 20DBAC1	15572	DOM	HINDS, BEATRICE E.	1.00	1.00	0.00	0.00	0.00
107 N11 E24 21BCDA1	66918	COM	BYBEE REVOCABLE LIVING TRUST 2000	0.31	0.65	0.18	0.22	0.18
107 N11 E24 21CBAA1	68458	COM	SMITH VALLEY FIRE PROTECTION DISTR.	0.25	0.39	0.16	0.32	0.36
107 N11 E24 21DAAD1	66917	COM	GREGORY O GARMONG	0.00	0.01	2.34	0.16	0.00
107 N11 E24 21DABA1	66919	COM	OXSEN ENTERPRISES LLC	0.14	0.23	0.12	0.10	0.13
107 N11 E24 22BCBC1	64437, 71338	COM	SMITH VALLEY BAPTIST CHURCH	0.44	1.05	0.97	1.54	1.11
107 N11 E24 27CCCA1	63302	IRR	HARTWICK, REX A.	12.00	12.00	12.00	12.00	14.16
107 N11 E24 27CDAA1	60818	IRR	HELLER FAMILY TRUST	332.81	403.09	398.35	380.04	40.46
107 N11 E24 27CDAD1	No active rights	IRR	MARTIN, CHERYL LYNNE	9.06	6.12	3.29	0.00	0.00
107 N11 E24 28ADCA1	64509	IRR	GREGORY & DEBORAH LONG FAMILY TRUST	4.90	7.10	5.62	5.72	5.34
107 N11 E24 28DDCD1	60814, 63460, 63461, 63462, 63463	IRR	BACKTRACK, LLC	237.44	657.99	463.81	430.86	584.21
107 N11 E24 29ABDC1	12374	IRR	FENILI, BRUNO	1.00	1.00	1.00	1.00	1.00
107 N11 E24 29DBAB1	14818	IRR	FENILI, BRUNO				352.00	0.00
107 N11 E24 29DDBC1	84597	COM	NUTI RALPH C. AND MARY R.	2.63	2.14	1.58	0.21	1.13
107 N11 E24 30AAAC1	12276	IRR	F.M. FULSTONE INC.	0.00	0.00	0.00	0.00	0.00
107 N11 E24 30ADDA1	12277	IRR	F.M. FULSTONE, INC.	0.00	0.00	0.00	0.00	0.00
107 N11 E24 30BCDD1	18938	IRR	F.M. FULSTONE, INC.	1,568.10	1,750.49	1391.53	1,086.59	43.79
107 N11 E24 30CBBB1	62213	QM	METHODIST EPISCOPAL CHURCH	3.06	3.06	3.06	3.06	2.00
107 N11 E24 30DAAA1	77232	COM	ST. JOHN THE BAPTIST CATHOLIC CHURCH	0.63	0.94	1.11	1.50	0.42
107 N11 E24 30DBCB1	26937	IRR	LYON COUNTY	53.70	4.40	7.69	6.22	6.48
107 N11 E24 31ABDC1	63716	COM	S V DEVELOPMENT, L.L.C.	12.17	11.72	11.63	11.61	8.74
107 N11 E24 31BBAB1	12309	STK	MENCARINI, AMOS	0.00	0.00	0.00	2.26	2.26
107 N11 E24 31CCDB1	75830	STK	R.N. FULSTONE CO.	5.60	5.60	5.60	5.60	5.60
107 N11 E24 31CDCB1	19602	IRR	URREA, JOHN	312.05	257.61	158.61	476.45	0.00
107 N11 E24 32ACAB1	22913, 58878, 61183	IRR	SIX-N RANCH, INC.				0.00	388.81
107 N11 E24 32ACAB2	58876	IRR	SIX-N RANCH, INC.	1,466.70	1,059.21	452.20	334.56	41.29

SITE NAME	PERMITS	MOU	OWNER OF RECORD	DUTY USED 2013	DUTY USED 2014	DUTY USED 2015	DUTY USED 2016	DUTY USED 2017
107 N11 E24 32BBDD2	19983	IRR	C.E.A.S. COMPANY	1,246.04	1,378.41	817.30	741.54	4.59
107 N11 E24 32DAAA1	12281	DOM	SIX-N RANCH, INC.	1.00	1.00	1.00	0.00	4.52
107 N11 E24 32DCCD1	58873, 58874	IRR	SIX-N RANCH, INC.	1,110.70	1,174.49	597.18	777.63	0.00
107 N11 E24 33BACC2	60816, 60817	IRR	STRAGGLER, LLC; GARMS, GARY AND TONI	552.46	572.17	381.24	416.92	548.46
107 N11 E24 33DADA1	55085	IRR	WIPFLI, CANDACE	23.70	20.96	26.92	1.33	0.00
107 N11 E24 34DBAB1	86258	IRR	HUSTACE, THOMAS E. AND DONNA K					3.60
107 N12 E23 04DAAD1	68767, 68768	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	0.00	0.00	0.00	0.00	0.00
107 N12 E23 13CCCD1	13344	IRR	PETERS, DARLENE F.	9.87	9.87	9.87	9.87	9.87
107 N12 E23 14ADAA1	82940	STK	PETERS, DARLENE AND GLEN				1.57	1.57
107 N12 E23 14DCAB1	12651	IRR	PERRIN, CLARENCE H.				0.00	0.00
107 N12 E23 22ACAC1	12465	STK	S. H. HUNEWILL & CO.	13.45	13.45	13.45	13.45	13.45
107 N12 E23 22DDBB1	12466	STK	S. H. HUNEWILL & CO.	22.42	22.42	22.42	22.42	22.42
107 N12 E23 23ABDB1	16825	IRR	PERRIN, CLARENCE H.	0.00	0.00	0.00	0.00	0.00
107 N12 E23 23ABDD1	16824	IRR	PERRIN, CLARENCE H.	0.00	0.00	0.00	0.00	0.00
107 N12 E23 24CBCC1	16798	IRR	PETERS, DARLENE F.	0.00	41.34	858.88	128.12	429.44
107 N12 E23 25CDAB1	16827	STK	THE FLYING "A" RANCH	1.16	1.16	1.16	0.74	1.16
107 N12 E23 25DCCB1	57771	STK	FLYING "A" RANCH	129.88	10.32	10.78	10.86	8.25
107 N12 E23 26ADBA1	69712, 76823	IRR	SALONY FAMILY TRUST	5.00	5.00	5.00	29.26	15.00
107 N12 E23 26BCAA1	83121, 83122, 83123, 86145, 86146,	COM	2008 VLOT REVOCABLE TRUST			162.75	262.54	287.43
107 N12 E23 26DACB1	16826	IRR	PERRIN, CLARENCE H.	0.00	0.00	0.00	0.00	0.00
107 N12 E23 26DCCB1	82941, 82942, 82943	IRR	PETERS, DARLENE AND GLEN					5.25
107 N12 E23 27AADD2	18804	IRR	HUNEWILL LAND AND LIVESTOCK CO. INC.	748.81	756.49	632.61	657.10	0.00
107 N12 E23 27CCDC1	70115, 86473, 86475	IRR	STEWART, KIM K. & KATHLEEN L.	0.00	39.46	285.96	0.00	0.00
107 N12 E23 28DCBD1	18953	IRR	DREYER, ROLAND AND JOAN	2008.28	1114.35	589.38	60.73	180.96
107 N12 E23 34ABBA1	12344	STK	FARIAS, LESTER M.	0.00	0.00	0.00	2.00	2.00
107 N12 E23 34ACCC2	18689, 63521, 63522	IRR	FARIAS WHEEL RANCH, INC.; DINSMORE FAMILY TRUST	409.83	259.54	440.48	651.15	1.25
107 N12 E23 34BACB1	22936	IRR	FARIAS WHEEL RANCH, INC.	653.55	688.24	554.04	361.84	0.00
107 N12 E23 35AACD1	16629, 25895	IRR	JAMROG TRUST	0.01	0.00	0.00	0.00	0.00
107 N12 E23 35ABBC1	66737	COM	LAFLEUR, DEBRA C.	7.40	8.35	6.68	6.50	3.90
107 N12 E23 35AC 2	60725, 60726	IRR	RUF, ROSS C. & KYLE A.	18.60	16.97	13.93	17.80	17.84
107 N12 E23 35ACBA1	75234	IRR	RUF, KYLE			12.00	2.00	2.00
107 N12 E23 35ADDB1	76219	IRR	PETER AND NANCY RAISBECK	33.17	30.70	30.09	30.65	33.48
107 N12 E23 35BAAB1	V02951	STK	NEILL, JOHN H. & CAROLYN E.	0.00	0.00	0.00	0.00	0.00
107 N12 E23 35DAAC1	12304	STK	SMITH, G.C.	0.00	0.00	0.00	4.85	4.36
107 N12 E23 35DCDC1	18313	IRR	STANLEY L. HUNEWILL AND JANET BLISS HUNEWILL, TRUSTEES OF THE J. & S.	533.64	533.64	0.00	533.64	533.64
107 N12 E23 36BDBD2	16628	IRR	2008 VLOT REVOCABLE TRUST DATED FEBRUARY 7, 2008	259.72	195.70	173.37	255.37	0.00
107 N12 E23 36DCDC1	18368	IRR	2009 VLOT REVOCABLE TRUST DATED FEBRUARY 7, 2008	175.67	479.86	377.25	450.50	32.17
107 N12 E24 27DABC1	62002	STK	F.I.M. CORP.	8.96	8.96	8.96	0.00	0.00
107 N12 E24 31ABCC1	77528	IRR	JEFFREY & PEGGY CAIN			0.00	0.00	0.00
107 N12 E24 31ADBB1	74982, 74983, 74984	IRR	2008 VLOT REVOCABLE TRUST					0.00
107 N12 E24 31BACB1	75186	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY	479.52	576.64	505.21	572.38	479.50
107 N12 E24 31BADA1	55027, 55028	IRR	GAGNE, J. & M., MOREHOUSE, W. & L.; 2008 VLOT REVOCABLE TRUST	0.00	0.00	0.00	0.00	0.00
107 N12 E24 31DBBA1	36824, 75185, 78886	IRR	PINION RANCH ESTATES, LLC; RIGHTWAY INVESTMENTS SMITH VALLEY	110.33	203.38	122.88	155.03	162.73
107 N13 E23 22DABA1	54441	STK	F.I.M., INC.	0.00	0.00	0.00	0.00	0.00
107 N13 E23 25AABB1	85208, 85209, 85210, 85211	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	223.40	734.32	176.38	119.58	198.52
107 N13 E23 25BACD1	71052	IRR	CHILTON, MICHAEL J.	0.00	0.00	0.00	0.00	0.00
107 N13 E23 25BDCD1	85206, 85207	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	699.19	688.28	276.50	427.16	443.54
107 N13 E23 26CDCC1	72979, 74804, 74808	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	613.97	1,169.45	433.39	600.79	549.29
107 N13 E23 26DCBA1	84485	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC			812.30	812.90	812.60
107 N13 E23 27ADCD2	68773	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	417.06	413.32	323.99	375.89	368.69
107 N13 E23 34BDBB1	68774, 68776, 68777	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	168.53	711.89	128.73	167.08	192.05

SITE NAME	PERMITS	MOU	OWNER OF RECORD	DUTY USED 2013	DUTY USED 2014	DUTY USED 2015	DUTY USED 2016	DUTY USED 2017
107 N13 E23 34CDBB1	68770, 68771	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC					0.00
107 N13 E24 18BCDD1	57921E	ENV	SONORA MINING CORPORATION	0.00	0.00	0.00	0.00	0.00
107 N13 E24 18CB 1	58091E	ENV	SONORA MINING CORPORATION	0.00	0.00	0.00	0.00	0.00
107 N13 E24 19DBBC1	69417	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC					0.00
107 N13 E24 21BCCD1	43578	STK	F.I.M., CORP.	2.62	18.11	5.36	18.11	18.11
107 N13 E24 27CCBC1	83546	MM	ART WILSON COMPANY				0.00	0.00
107 N13 E24 28DDCA1	83545	IND	ART WILSON COMPANY				0.00	0.00
107 N13 E24 30AACC2	69415, 77139	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	616.88	1,413.43	611.18	871.53	943.09
107 N13 E24 30ACBB1	77138	STK	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC					2.02
107 N13 E24 30ACBC1	69418	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	3.63	0.00	0.00	0.00	0.00
107 N13 E24 30ADDD1	69416	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	264.86	653.72	28.02	93.35	142.03
107 N13 E24 30BBBB1	74805, 74806, 74807, 74809	IRR	RIGHTWAY INVESTMENTS SMITH VALLEY, LLC	525.14	983.05	392.79	415.00	428.62
107 N14 E24 31CACA1	50311	STK	F.M. FULSTONE, INC.	26.79	26.79	26.79	26.79	0.00