

**STATE OF NEVADA**  
**DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES**  
**DIVISION OF WATER RESOURCES**

**JASON KING, P.E.**  
**STATE ENGINEER**



**INDIAN SPRINGS VALLEY**  
**(HYDROGRAPHIC BASIN 10-161)**

**GROUNDWATER PUMPAGE INVENTORY**

**WATER YEAR 2014**

Field Investigated by: John Guillory, P.E. and Christi Cooper  
Report Prepared by: Christi Cooper

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## ABSTRACT

This inventory represents the status and pumpage of all permitted, certificated and claims of vested right groundwater rights located within Indian Springs Valley, Hydrographic Basin 10-161, for water year 2014 (October 1, 2013 through September 30, 2014). Also included is data associated with depth to groundwater.

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

For water year 2014 the permitted, certificated and claims of vested right groundwater rights totaled **1,391 acre-feet**. Estimated pumpage for the water year was **605 acre-feet**. For water year 2014, appropriations for municipal and quasi-municipal (the largest manners of use in the basin) totaled 1,258 acre-feet and pumpage was 446 acre-feet. The second largest manner of use was irrigation with appropriations totaling 124 acre-feet and pumpage of 80 acre-feet for water year 2014. The third largest manner of use was pumping by domestic use and exempt domestic wells, at 76 acre-feet. Exempt domestic wells are defined by Nevada Revised Statutes 534.013 and do not require a permit issued by the State Engineer.

## HYDROGRAPHIC BASIN SUMMARY

HYDROGRAPHIC BASIN NUMBER..... 161, REGION 10  
HYDROGRAPHIC BASIN NAME ..... INDIAN SPRINGS VALLEY  
COUNTIES..... CLARK, LINCOLN, NYE  
COMMUNITIES ..... INDIAN SPRINGS  
DESIGNATED ..... YES  
DENIALS BASED UPON WATER AVAILABILITY ..... IRRIGATION  
GROUNDWATER LEVEL MEASUREMENTS ..... USGS  
ESTIMATED PUMPAGE INVENTORY, ACRE-FEET IN 2014..... 605\*

### STATE ENGINEER'S ORDERS

[728](#) - DESIGNATION ..... AUGUST 1, 1979

COMMITTED GROUNDWATER RESOURCE: 1,391 ACRE-FEET....DATE: JANUARY 2015

MUNICIPAL .....798      QUASI-MUNICIPAL...460      IRRIGATION..... 124

COMMERCIAL .....8      DOMESTIC..... 1

NOTE: Committed groundwater resource data are accurate for January 2015. Manner of use category totals vary over time, as water rights (rights) are not necessarily static. Rights may be subject to change applications, certification, withdrawals, forfeiture and cancellations; each of these circumstances could impact the duty, diversion rate and acreage associated with a given right.

\*Includes pumpage by exempt domestic wells, as defined by NRS 534.013. The domestic use estimate is based upon a count of the total domestic wells in the basin multiplied by 1 acre-foot per annum. The number of domestic wells in the basin, obtained by a query of the [Nevada Division of Water Resources Well Log Database](#), is estimated to be 75.

## **PURPOSE AND SCOPE**

The purpose of this report is to inventory all of 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 within the Indian Springs Valley Hydrographic Basin (10-161), for the time period beginning October 1, 2013 and ending September 30, 2014 (hereafter referred to as water year 2014). This report estimates the amount of groundwater pumped under the permits and certificates issued by the State Engineer, claims of vested right, and the amount pumped by exempt domestic wells within the basin.

## **DESCRIPTION OF THE STUDY AREA**

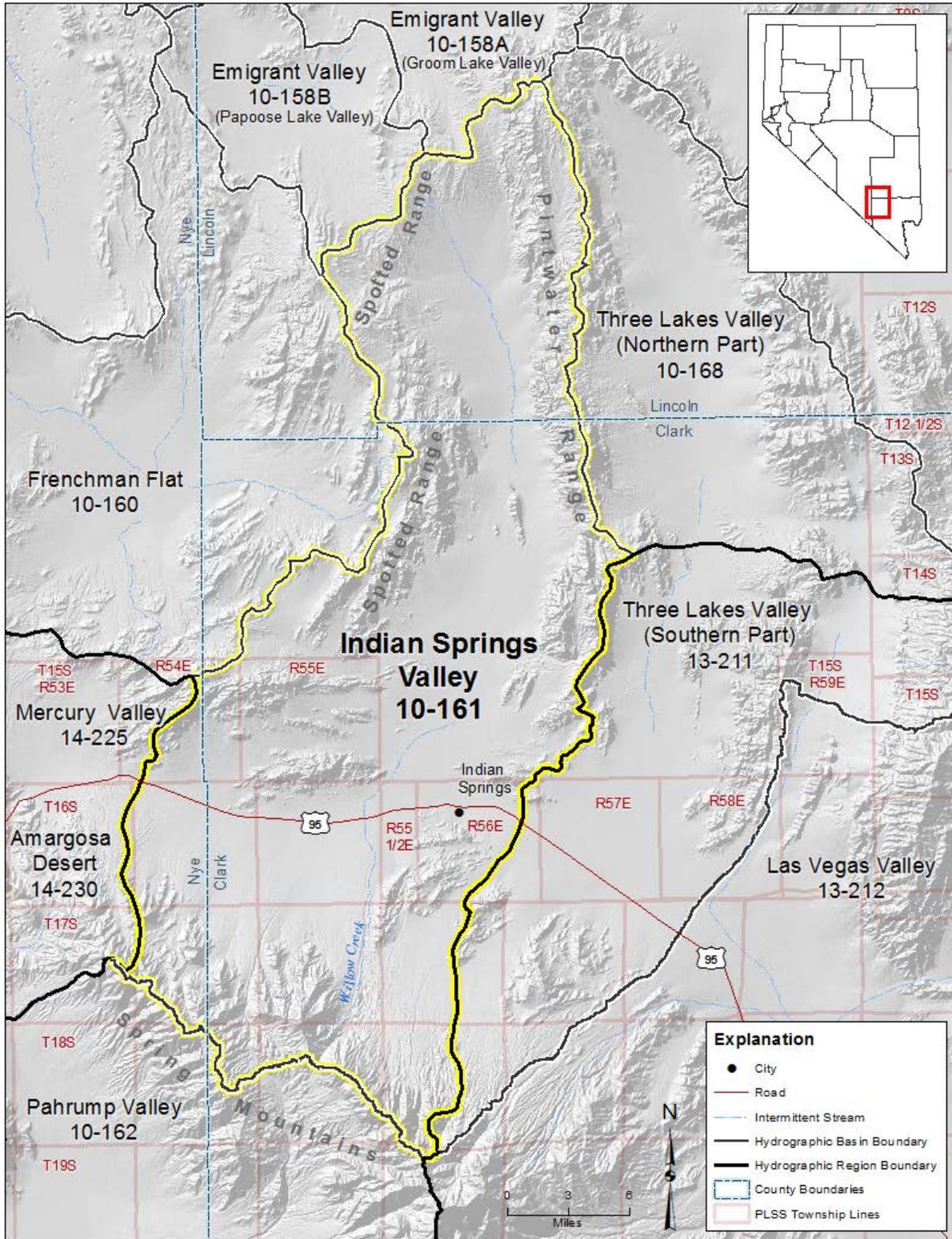
Indian Springs Valley is a basin located in southern Nevada, approximately 49 miles northwest of Las Vegas, Nevada. The basin is located within Clark, Lincoln and Nye Counties (see Figure 1), and is within the Central Hydrographic Region.

Indian Springs Valley is bounded on the east and north by the Pintwater Mountain Range. The Spring Mountain Range forms the south boundary. The Spotted Mountain Range borders the basin to the west and north. The adjacent Nevada hydrographic basins are as follows: Pahrump Valley (10-162), to the southwest; Amargosa Desert (14-230), and Mercury Valley (14-225), to the west; Frenchman Flat, 10-160, to the northwest; Emigrant Valley (Papoose Lake Valley; 10-158B), and Emigrant Valley (Groom Lake Valley; 10-158A), to the north; Three Lakes Valley (Northern Part; 10-168), to the northeast; and Three Lakes Valley (Southern Part; 13-211), to the east. The exterior boundary of the Indian Springs Valley Hydrographic Basin is as described by Designation Order 728, issued by the Nevada State Engineer August 1, 1979. The basin covers approximately 655 square miles, and the approximate elevation of the valley floor is 3,200 feet.

## **GROUNDWATER LEVELS**

Depths to groundwater in Indian Springs Valley were measured by the Nevada Division of Water Resources briefly from 1947 until 1953. There are four (4) inactive sites in the monitoring well network. Water level and site data can be obtained on the NDWR website (<http://water.nv.gov>). Groundwater level data are also collected by the U.S. Geological Survey (USGS) and may be accessed through their website (<http://nevada.usgs.gov/>).

**FIGURE 1. PHYSIOGRAPHIC MAP OF INDIAN SPRINGS VALLEY, HYDROGRAPHIC BASIN 10-161.**



## METHODS TO ESTIMATE PUMPAGE

This report estimates the amount of groundwater pumped under the permits and certificates issued by the Nevada State Engineer as well as claims of vested right and exempt domestic wells in the Dry Valley Hydrographic Basin. The following methods were used to arrive at the estimated use:

- Where totalizing meters are in place, meter readings were taken and compared with previous data (if available).
- 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 there are 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 multiplied by the number of acres irrigated. Irrigation efficiencies associated with three (3) 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 is estimated using the NIWR method above, but is 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/mapping/et/et\\_general.cfm](http://water.nv.gov/mapping/et/et_general.cfm). This approach using the NIWR to estimate pumpage was not used in previous inventories, and pumpage estimates for 2014 may differ significantly from estimates of previous years.
- 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.
- 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 by exempt domestic wells is estimated to be 1 acre-foot per well in Indian Springs Valley.

## **PUMPAGE BY MANNER OF USE**

**Note that all data herein are estimates and are subject to revision.**

The total estimated groundwater pumpage for water year 2014 was **605 acre-feet**. The annual duties of the certificates, permits and claims of vested right within the Indian Springs Valley Hydrographic Basin totaled **1,391 acre-feet**. For water year 2014, the appropriated and actual pumped totals are categorized by manner of use:

**A. Municipal (MUN)**

Appropriations for municipal purposes totaled 798 acre-feet, with estimated groundwater pumpage of 270 acre-feet.

**B. Quasi-Municipal (QM)**

Appropriations for quasi-municipal purposes totaled 460 acre-feet, with estimated groundwater pumpage of 176 acre-feet.

**C. Irrigation (IRR)**

Appropriations for irrigation purposes totaled 124 acre-feet, with estimated pumpage of 80 acre-feet.

**D. Commercial (COM)**

Appropriations for commercial purposes totaled 8 acre-feet, with estimated pumpage of 3 acre-feet.

**E. Domestic (DOM)**

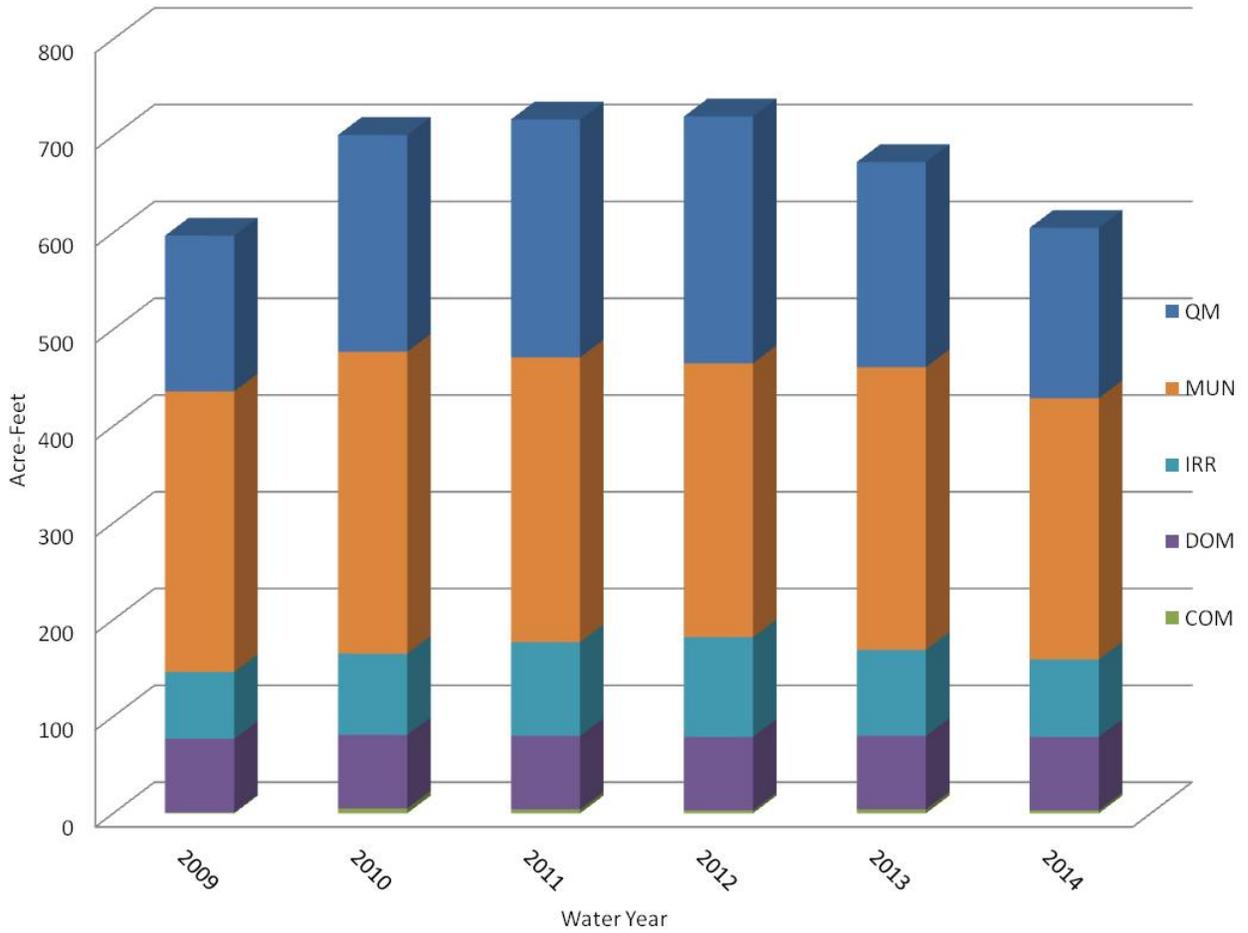
Appropriations for domestic purposes totaled 1 acre-foot in the basin. An estimated 1 acre-foot of groundwater was pumped under this appropriation during water year 2014. However, records of the State Engineer indicate approximately 75 domestic wells existed in the basin during water year 2014. Therefore, the amount of water pumped for domestic use as described under NRS 534.013 is estimated at 75 acre-feet.

**APPENDIX A. INDIAN SPRINGS VALLEY HISTORICAL PUMPAGE.**

### HISTORICAL GROUNDWATER PUMPAGE BY MANNER OF USE

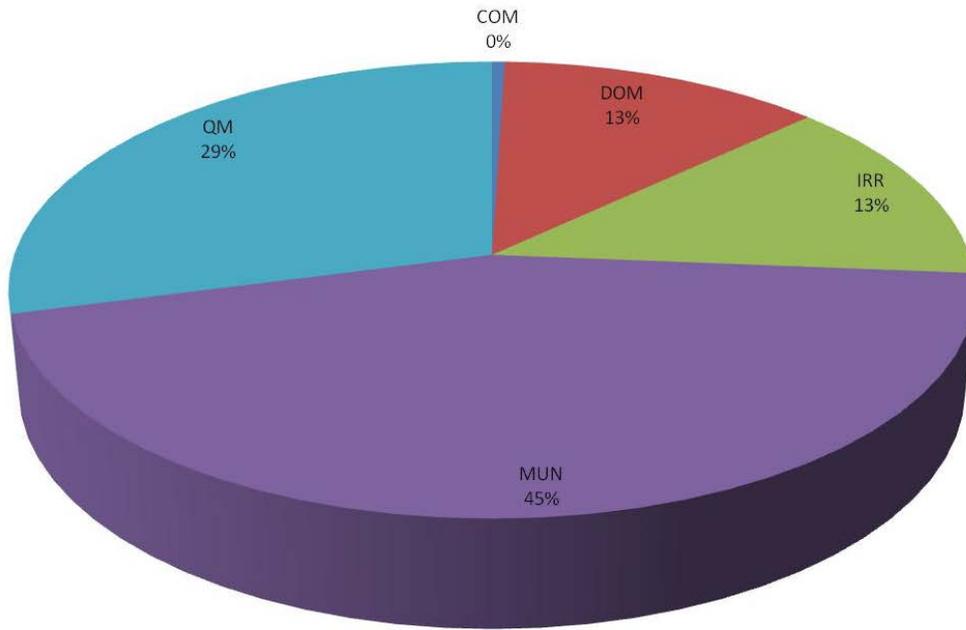
YEAR	COM	DOM	IRR	MUN	QM	TOTAL
2009	1	76	69	290	161	597
2010	5	76	84	312	224	701
2011	4	76	97	294	246	717
2012	3	76	103	283	255	720
2013	4	76	89	292	212	673
2014	3	76	80	270	176	605

All values are in acre-feet

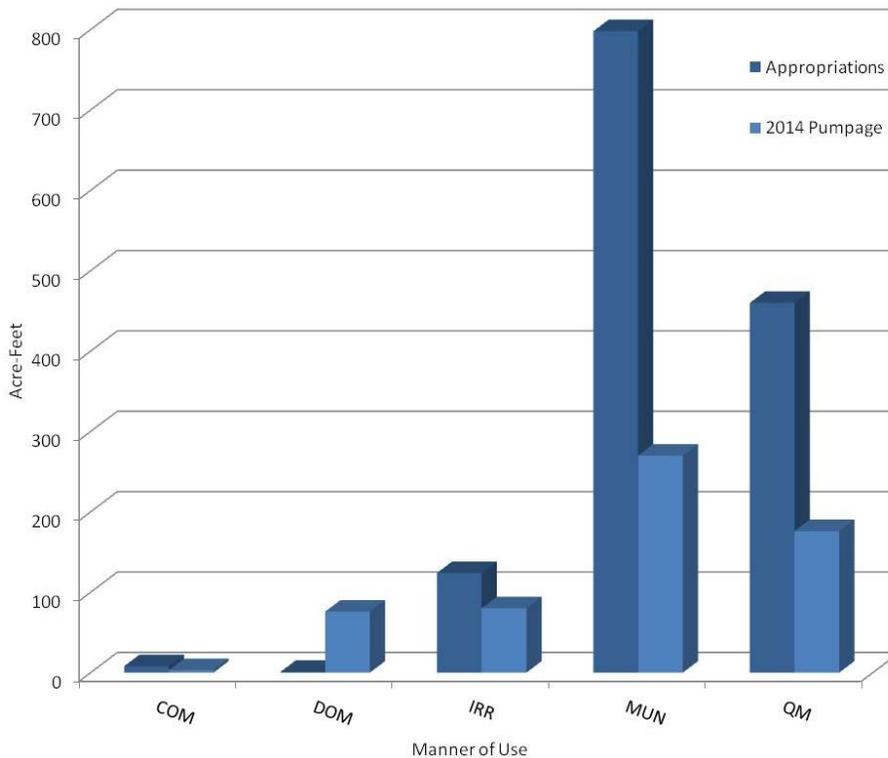


**APPENDIX B. INDIAN SPRINGS VALLEY GROUNDWATER PUMPAGE FOR  
WATER YEAR 2014 BY MANNER OF USE.**

**PERCENTAGE OF GROUNDWATER PUMPAGE FOR WATER YEAR 2014 BY MANNER OF USE**



**GROUNDWATER PUMPAGE FOR WATER YEAR 2014 APPROPRIATIONS vs. ACTUAL PUMPAGE**



**APPENDIX C. INDIAN SPRINGS VALLEY GROUNDWATER PUMPAGE  
INVENTORY FOR WATER YEAR 2014.**

## EXPLANATION OF COLUMN HEADINGS FOR GROUNDWATER PUMPAGE INVENTORY

APP NUMBER	The file number of the Application or the Vested Claim of Right.																
STATUS	Indicates if the application is a Vested Claim of Right (VST), a Permit (Permit), or a Certificate (Cert).																
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.																
PLACE OF USE																	
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.																
ACRES OR DUTY	The number of acres that are permitted to be irrigated or the duty if the manner of use is anything other than irrigation.																
ACRES IRR OR USE	<p>The number of acres irrigated or the manner of use of the appropriated water. The types of manner of use may include:</p> <table border="0" style="width: 100%;"> <tr> <td>COM - Commercial</td> <td>CON - Construction</td> </tr> <tr> <td>DOM - Domestic</td> <td>ENV - Environmental</td> </tr> <tr> <td>IND - Industrial</td> <td>IRR - Irrigation</td> </tr> <tr> <td>MM - Mining &amp; Milling</td> <td>MUN - Municipal</td> </tr> <tr> <td>OTH - Other</td> <td>PWR - Power</td> </tr> <tr> <td>QM - Quasi-Municipal</td> <td>REC - Recreation</td> </tr> <tr> <td>STK - Stockwater</td> <td>STO - Storage</td> </tr> <tr> <td>WLD - Wildlife</td> <td></td> </tr> </table>	COM - Commercial	CON - Construction	DOM - Domestic	ENV - Environmental	IND - Industrial	IRR - Irrigation	MM - Mining & Milling	MUN - Municipal	OTH - Other	PWR - Power	QM - Quasi-Municipal	REC - Recreation	STK - Stockwater	STO - Storage	WLD - Wildlife	
COM - Commercial	CON - Construction																
DOM - Domestic	ENV - Environmental																
IND - Industrial	IRR - Irrigation																
MM - Mining & Milling	MUN - Municipal																
OTH - Other	PWR - Power																
QM - Quasi-Municipal	REC - Recreation																
STK - Stockwater	STO - Storage																
WLD - Wildlife																	
USED (AF)	The amount of water used during the water year, in acre-feet, as determined by review of records and/or field investigation.																
REMARKS	Notes pertaining to field investigation and/or review of records.																

**GROUNDWATER PUMPAGE INVENTORY  
INDIAN SPRINGS VALLEY, NO. 161  
2014**

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
20628	Cert.	Indian Springs Water Co.	NW	9	16	56	798.00	MUN	<b>269.76</b>	POD 20628: S/N 2012110006 (Well 1) installed 10-07-12 RD - 002665000 - 10-07-12 RD - 064764000 - 09-13-13 RD - 150957000 - 09-16-14	
34725	Cert.										
38859	Cert.										
49045	Permit										
63469	Permit									POD 38859: S/N 02066136 (Well 2) RD - (1)53137100 - 08-02-12 RD - (1)82587700 - 09-13-13 RD - (1)85019900 - 09-16-14 POD 63469: WNV	
74693	Permit										
74694	Permit										
74695	Permit										
74696	Permit										
74905	Permit										
77228	Permit										
21767	Cert.	Madeline Gartland	NW SW	9	16	56	7.64	COM	<b>0.00</b>	WV, not in use. 09-13-14 17 Trailers on city water.	
22190	Cert.	Sandstone Land & Cattle	NE NE	11	16	55	4.83	QM	<b>0.00</b>	WNV. 09-13-14	
28412	Cert.	Galen & Judith Albright	SW SW	9	16	56	1.00	1.00	<b>3.19</b>	S/N 63440586 RD - 03279100 - 08-02-12 RD - 04321000 - 09-13-13 RD - 05370100 - 09-16-14	
28656	Cert.	Ellen Sargent	NW SW	9	16	56	5.76	5.76	<b>12.82</b>	Domestic, trees, lawn, garden and Pasture Grass. Hersey Meter S/N unknown RD - 45580800 - 08-02-12 RD - 51411400 - 09-13-13  RD - 53340900 - 06-06-14, mtr brkn RD - 00688900 - 09-16-14, new mtr installed 8/16/14	

**GROUNDWATER PUMPAGE INVENTORY  
INDIAN SPRINGS VALLEY, NO. 161  
2014**

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
28657	Cert.	Ann Brauer	NW	SW	9	16	56	7.27	7.27	<b>29.71</b>	Domestic, Trees, Lawn, Horses & Pasture Grass. S.N 60362019 RD - 87085000 - 08-02-12 RD - 98985400 - 09-13-13 RD - (1)08745700 - 09-16-14
28658	Cert.	Cloude Albright	TR	46	9	16	56	0.60	0.00	<b>1.00</b>	credited for domestic use
29731	Cert.	Cold Creek Canyon	NE	SE	1	18	55	227.40	QM	<b>74.27</b>	S/N 95-46-90-3 South well (#1) RD - (5)3449140 - 08-02-12 RD - (7)5417340 - 09-13-13 RD - (9)7726270 - 09-16-14
36526	Permit	Home Owners Assoc.									S/N 95-46-91-3 North well (#2) RD - (6)9161490 - 08-02-12 RD - (8)1224700 - 09-13-13, meter removed, well out of service RD - (8)1222600 - 07-10-14, well in service, using old mtr RD - (8)3315150 - 09-16-14
31126	Cert.	Weisse - Theurer	SW	47B		16	56	0.19	0.00	<b>0.00</b>	S/N 78384518 Locked 09-13-13 RD - 2238690 - 07-28-09 Property vacant 9/16/14
38283	Cert.	James Ray Cozby Trustee of the Cozby Trust	TR	43C		16	56	1.38	DOM	<b>1.38</b>	S/N 673381 1 MH RD - 0522250 - 07-28-09 Locked 09-13-13 RD - 0017500 - 09-16-14, S/N 71036744
39555	Cert.	Galen Albright	SW	SW	9	16	56	0.82	0.82	<b>8.83</b>	S/N 60481840 RD - 16635400 - 08-02-12 RD - 20088400 - 09-13-13 RD - 22990000 - 09-16-14
			SE	SW				<u>1.32</u>	<u>1.32</u>		
			<b>TOTAL</b>					<b>2.14</b>	<b>2.14</b>		
39660	Cert.	George Thomas	NW	NW	16	16	56	1.01	QM	<b>1.01</b>	1 AH, lawn & trees. No meter. 09-16-14

**GROUNDWATER PUMPAGE INVENTORY  
INDIAN SPRINGS VALLEY, NO. 161  
2014**

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
50967	Abr	Flanders	SW	SE	8	16	56	1.20	0.00	<b>0.00</b>	well not in use. Rights moved to Permit 74693
51572 51573 66651 66652	Cert. Cert. Permit Permit	Air Force - US		N2	8	16	56	172.13	QM	<b>100.79</b>	POD 51573 & 66652: Well 1 S/N 20072440-04 RD - 89582800 - 08-02-12 RD - (1)03695100 - 09-13-13 RD - (1)16809200 - 09-16-14 POD 51572 & 66651: Well 2 S/N 20070829-04 RD - 91355300 - 08-02-12 RD - (1)06870300 - 09-13-13 RD - (1)15997300 - 09-16-14 POD 51574 (WDR): Well 3 S/N 20070261-04 RD - 65704400 - 08-02-12 RD - 78831100 - 09-13-13 RD - 89702300 - 09-16-14
54508	Cert.	Jerry & Carrie Weisse	TR	48B	9	16	56	1.00	1.00	<b>1.18</b>	S/N 14013164 RD - 8880320 - 08-02-12 RD - 9713280 - 09-13-13 RD - (1)0101590 - 09-16-14
54509	Cert.	Gene Ray	TR	48B	9	16	56	1.00	1.00	<b>1.46</b>	S/N 37913261 RD - 20721500 - 08-02-12 RD - 21445700 - 09-13-13 RD - 21924700 - 09-16-14
61082	Permit	Cactus Springs 50 LLC	NE	NE	11	16	55	36.20	QM	<b>0.00</b>	Cactus Springs Bar closed S/N 33693205 RD - 9599720 - 08-02-12 RD - 9599720 - 09-13-13 RD - 9599720 - 09-16-14

**GROUNDWATER PUMPAGE INVENTORY  
INDIAN SPRINGS VALLEY, NO. 161  
2014**

APP NUMBER	STATUS	OWNER OF RECORD	PLACE OF USE					ACRES OR DUTY	ACRES IRR OR USE	USED (A/F)	REMARKS
			QQ	Qtr	Sec	T	R				
64603	Permit	Indian Springs Holdings, LLC	NE	43A	9	16	56	14.48	0.00	<b>0.00</b>	Gas Station, RV-Park & Casino S/N 97533632 RD - 21660600 - 08-02-12 RD - 21660600 - 09-13-13 RD - 21660600 - 09-16-14
67458	Cert.	Phillip Benjamin	TR	45	9	16	56	0.70			S/N 57302708 North well RD - 29236500 - 08-02-12 RD - 32373800 - 09-13-13 RD - 35509400 - 09-16-14 S/N 65520802 South well RD - 7262640 - 08-02-12 RD - 8480070 - 09-13-13 RD - 9253430 - 09-16-14
71743	Cert.							1.02			
76875	Cert.							<u>0.70</u>			
<b>TOTAL</b>								2.42	2.42	<b>11.89</b>	
69358	Permit	John H. Koot	SE	SE	36	17	55	4.81	COM	<b>2.85</b>	S/N 05001124 Cold Creek RD - 08627300 - 08-02-12 RD - 09978500 - 09-13-13 RD - 10915000 - 09-16-14
80384	Permit							13.43			
74127	Cert.	James Fisher	TR	48C	16	16	56	1.40	1.40	<b>9.95</b>	S/N 150859 RD - 12903400 - 08-02-12 RD - 16594100 - 09-13-13 RD - 19862300 - 09-16-14
79844	Permit	Clark County	SW	SE	31	17	56	1.00	QM	<b>0.00</b>	Plugged, permit WDR. 09-16-14
									<b>TOTAL:</b>	<b>530.09</b>	

Verified with field notes: Christie Cooper

**APPENDIX D. INDIAN SPRINGS VALLEY GROUNDWATER PUMPAGE  
INVENTORY FIELD NOTES FOR WATER YEAR 2014.**

2014

Indian Springs Valley  
**No. 161**

Inventory Field Notes

compiled by  
John Guillory, P.E. and Christi Cooper

State of Nevada  
Division of Water Resources  
Southern Nevada Branch Office

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 28412

WELL: YES  NO

METER SER NO: 63440586

PUMP: YES  NO

PUMP TYPE: Submersible

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: 05370100

PHOTO: YES  NO

ACRES IRR: 1.0

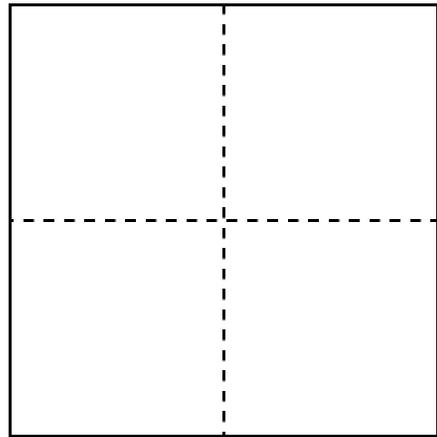
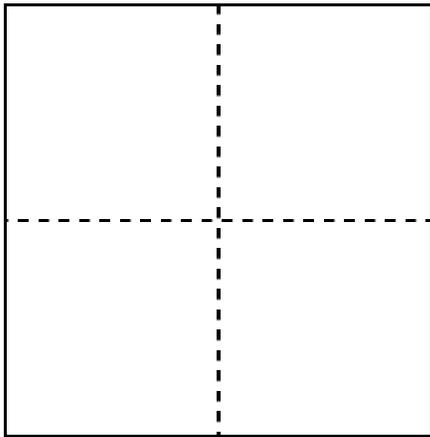
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 28656

WELL: YES  NO

METER SER NO: Hersey Meter

PUMP: YES  NO

PUMP TYPE: \_\_\_\_\_

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: 00688900

PHOTO: YES  NO

ACRES IRR: 5.76

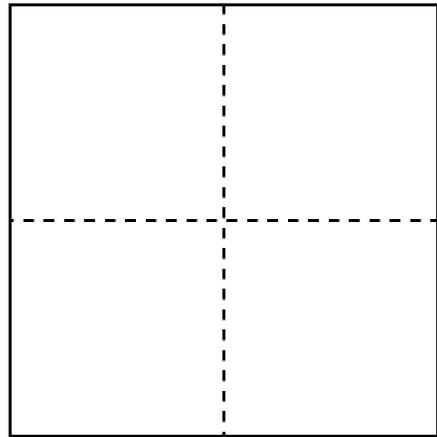
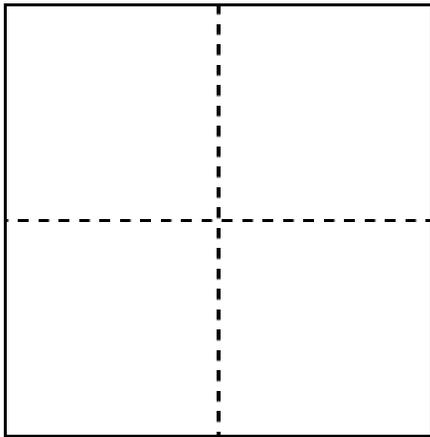
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 28657

WELL: YES  NO

METER SER NO: 60362019

PUMP: YES  NO

PUMP TYPE: Submersible

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: (1)08745700

PHOTO: YES  NO

ACRES IRR: 7.27

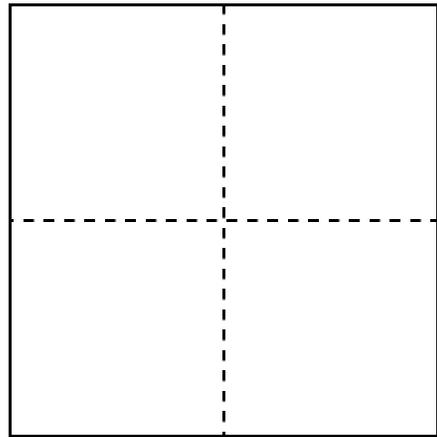
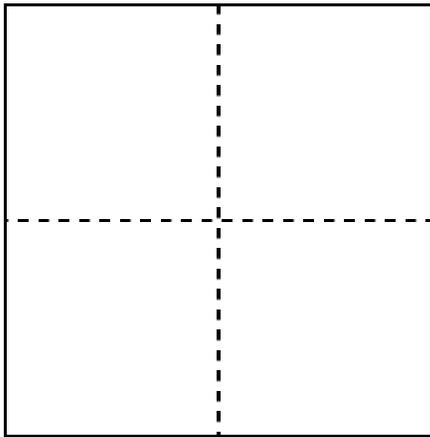
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: Domestic Use, Trees, Horses & Pasture Grass

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 28658

WELL: YES  NO

METER SER NO: \_\_\_\_\_

PUMP: YES  NO

PUMP TYPE: Submersible

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: \_\_\_\_\_

PHOTO: YES  NO

ACRES IRR: 0

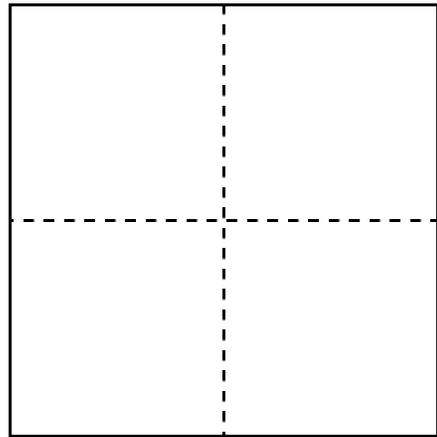
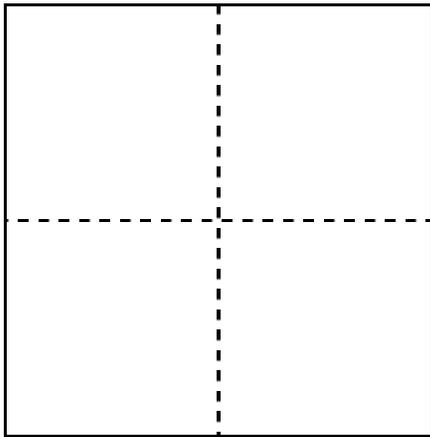
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE \_\_\_\_\_

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: 1 Home, Lawn and Trees

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 31126

WELL: YES X NO       

METER SER NO: 78384518

PUMP: YES X NO       

PUMP TYPE: Submersible

MOTOR: YES        NO X

MOTOR TYPE:       

METER: YES X NO       

METER READ:       

PHOTO: YES        NO X

ACRES IRR: 0

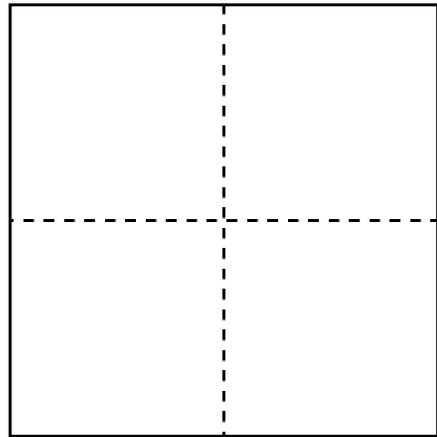
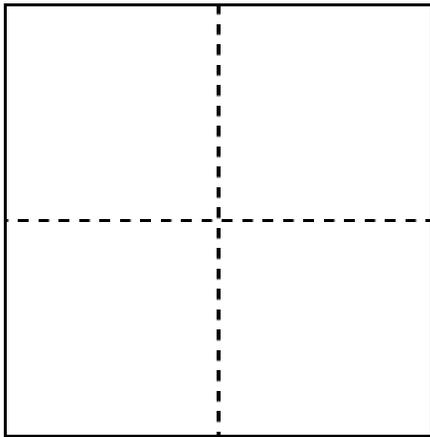
BENEFICIAL USE: YES        NO X

PORTION        ALL        TYPE       

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

       1/4        1/4 SEC       

       1/4        1/4 SEC       



REMARKS: Trailer abandoned. Locked

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 39555

WELL: YES X NO       

METER SER NO: 60481840

PUMP: YES X NO       

PUMP TYPE: Submersible

MOTOR: YES        NO X

MOTOR TYPE:       

METER: YES X NO       

METER READ: 22990000

PHOTO: YES        NO X

ACRES IRR: 2.14

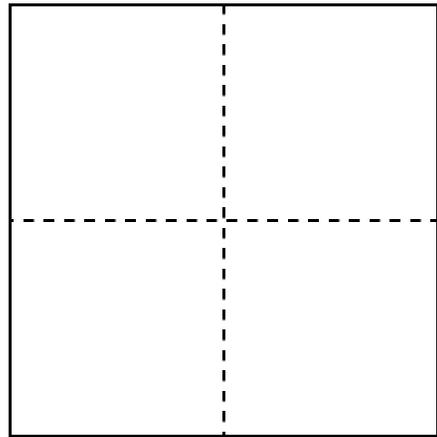
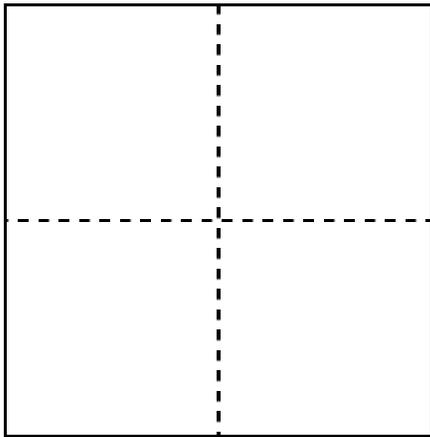
BENEFICIAL USE: YES X NO       

PORTION        ALL X TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

       1/4        1/4 SEC       

       1/4        1/4 SEC       



REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 54508

WELL: YES  NO

METER SER NO: 14013164

PUMP: YES  NO

PUMP TYPE: \_\_\_\_\_

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: (1)0101590

PHOTO: YES  NO

ACRES IRR: 1.0

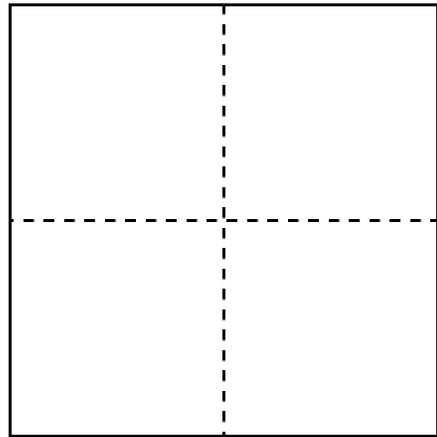
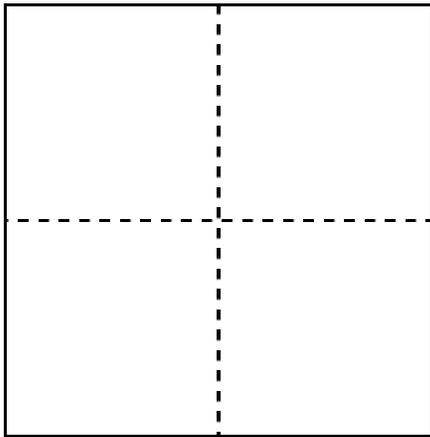
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: Well in small shed

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 54509

WELL: YES  NO

METER SER NO: 379113261

PUMP: YES  NO

PUMP TYPE: Submersible

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: 21924700

PHOTO: YES  NO

ACRES IRR: 1.0

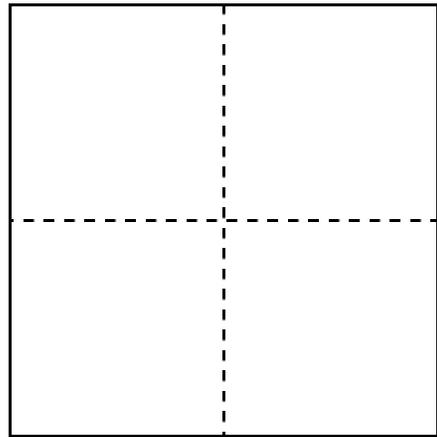
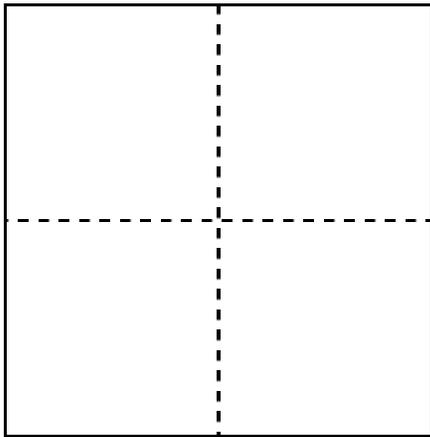
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: Dogs. Irrigation of trees.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 64603

WELL: YES X NO       

METER SER NO: 97533632

PUMP: YES X NO       

PUMP TYPE: Submersible

MOTOR: YES        NO X

MOTOR TYPE:       

METER: YES X NO       

METER READ: 21660600

PHOTO: YES        NO X

ACRES IRR: 0.0

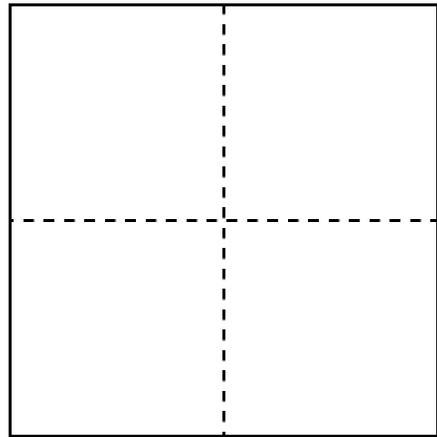
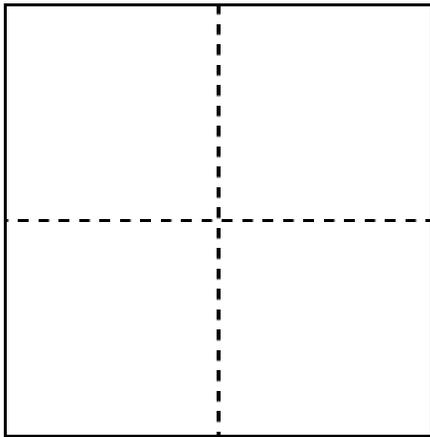
BENEFICIAL USE: YES        NO X

PORTION        ALL        TYPE       

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

       1/4        1/4 SEC       

       1/4        1/4 SEC       



REMARKS: Indian Springs RV Park & Casino. Park grass not irrigated.

Property now owned by Air Force Base, 2014.

SIGNATURE: Christi Cooper

DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161 PERMIT NO: 67458, 71743, & 76875

WELL: YES  NO  METER SER NO: \_\_\_\_\_

PUMP: YES  NO  PUMP TYPE: Submersible

MOTOR: YES  NO  MOTOR TYPE: \_\_\_\_\_

METER: YES  NO  METER READ: \_\_\_\_\_

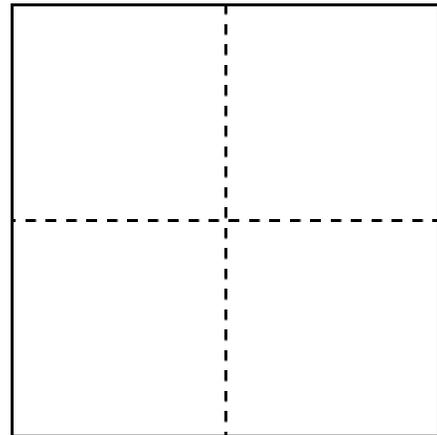
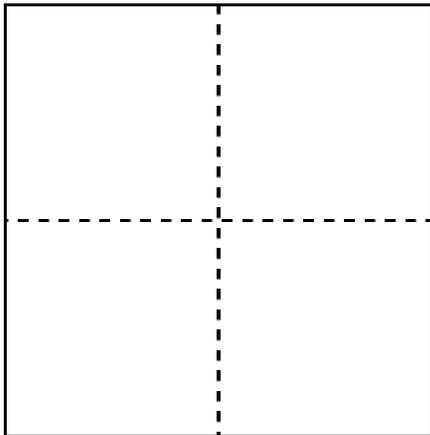
PHOTO: YES  NO  ACRES IRR: 2.42

BENEFICIAL USE: YES  NO  PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: POD 67458 (South well): S/N 65520802; Reading - 9253430

POD 71743 & 76875 (North well): S/N 57302708; Reading - 35509400

SIGNATURE: Christi Cooper DATE: 9/16/2014

# PUMPAGE INVENTORY FIELD REPORT

BASIN NO: 161

PERMIT NO: 74127

WELL: YES  NO

METER SER NO: 150859

PUMP: YES  NO

PUMP TYPE: \_\_\_\_\_

MOTOR: YES  NO

MOTOR TYPE: \_\_\_\_\_

METER: YES  NO

METER READ: 19862300

PHOTO: YES  NO

ACRES IRR: 1.4

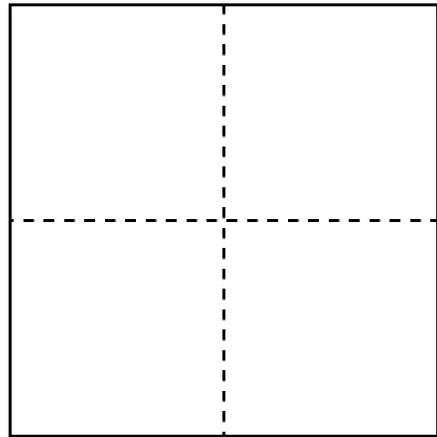
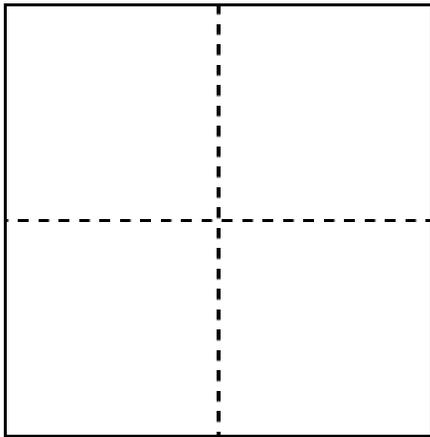
BENEFICIAL USE: YES  NO

PORTION  ALL  TYPE Irrigation

IF PARTIAL USE, SKETCH OF LAND IRRIGATED.

     1/4      1/4 SEC     

     1/4      1/4 SEC     



REMARKS: \_\_\_\_\_

\_\_\_\_\_

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SIGNATURE: Christi Cooper

DATE: 9/16/2014