STATE OF NEVADA

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

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STATE ENGINEER

PARADISE VALLEY
HYDROGRAPHIC BASIN 4-069

CROP INVENTORY

CALENDAR YEAR 2014

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ABSTRACT

This inventory represents the status and usage of all permitted, certificated, and claims of vested right groundwater rights for irrigation purposes located within Paradise Valley, Hydrographic Basin 4-069, for the year 2014. **Only those groundwater rights associated with irrigation purposes are represented in this report**. For a listing and summary of all other manners of use within the basin please refer to the Nevada Division of Water Resources Hydrographic Basin Summary.

The data presented are valid for the time 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 the year 2014, the permitted and certificated groundwater rights for irrigation purposes totaled **28,273 acres** with a total duty of 115,084 acre-feet within Paradise Valley. An estimated **20,491 acres** were irrigated and 65,813 acre-feet were pumped during 2014.

HYDROGRAPHIC BASIN SUMMARY

HYDROGRAPHIC BASIN NUMBER	069, REGION 4
HYDROGRAPHIC BASIN NAME	PARADISE VALLEY
COUNTIES	HUMBOLDT
MAJOR COMMUNITIES	PARADISE VALLEY
DESIGNATED BASIN	DESIGNATED
DENIALS BASED UPON WATER AVAILABILITY	N/A
ESTIMATED IRRIGATION PUMPAGE 2014 (ACRE-FEET)	65,813*
STATE ENGINEER'S ORDERS	
NO.408 - DESIGNATION OF BASIN (PORTION)	October 22, 1971
NO.832 - NOTICE OF CURTAILMENT	December 1, 1983

COMMITTED GROUNDWATER RESOURCE FOR IRRIGATION PURPOSES: 115,084 ACRE-FEET
DATE: DECEMBER 2014

NOTE: Committed groundwater resource data are accurate for December 2014. 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. Be advised this report acknowledges that other manner of uses may be present in the basin; however, only those groundwater rights associated with irrigation purposes are represented in this report.

* Acreage represented in this report may have surface water rights appurtenant. This report acknowledges those acres with surface water rights but is not intended to quantify, nor present any definitive use of those surface water rights. The data represent only the pumping of groundwater and the acreage to which it is applied.

PURPOSE AND SCOPE

The purpose of this report is to inventory all of the groundwater resources allocated to irrigation and described by the Office of the State Engineer, Nevada Division of Water Resources (NDWR), and to estimate the amount of groundwater pumped for irrigation purposes within the Paradise Valley Hydrographic Basin (4-069), for the year 2014.

DESCRIPTION OF THE STUDY AREA

The Paradise Valley Hydrographic Basin is located in north central Nevada (Figure 1), occupying approximately 600 square miles in Humboldt County. The adjacent hydrographic basins are Silver State Valley (2-032) and Quinn River Valley (2-033) to the west, Hardscrabble Area (4-068) to the north, Little Humboldt Valley (4-067) to the east, and Winnemucca Segment (4-070) and Grass Valley (4-071) to the south.

Paradise Valley Hydrographic Basin is bounded to the west by the Santa Rosa Range and to the east by the Hot Springs Range. The Paradise Valley Hydrographic Basin is north-south trending and the main valley floor is approximately 13 miles wide by 35 miles long. Basin elevations range from approximately 4,300 feet above mean sea level on the valley floor to approximately 7,500 feet in the surrounding mountains. Irrigation occurs primarily in the central part of the basin (Figure 2).

Two stream gaging stations operated by the U.S. Geological Survey (USGS) are present in the basin. Station 10329500 is located on Martin Creek, and station 10329000 is located on the Little Humboldt River. Data for these and other gaging stations can be found on the USGS website at (http://nevada.usgs.gov).

GROUNDWATER LEVELS

Depths to groundwater in Paradise Valley are measured by multiple agencies on a semi-annual basis. Sites at which water level measurements are made or reported to NDWR include:

069 N37 E38 20CBA 2	069 N37 E38 24ACC 1	069 N37 E39 03DC 1
069 N37 E39 12CCCA1	069 N37 E39 12CCCC1	069 N37 E39 12DD 1
069 N37 E39 14ACC 1	069 N37 E39 14CCBB1	069 N37 E39 14CCC 1
069 N37 E39 22ACC 1	069 N37 E39 22BCC 2	069 N37 E39 23BCC 2
069 N37 E39 24BCCD1	069 N38 E38 01BDA 1	069 N38 E38 01CA 1
069 N38 E38 02ADA 1	069 N38 E38 02DA 2	069 N38 E38 11ADA 1
069 N38 E38 12ACB 1	069 N38 E38 12CCBB1	069 N38 E38 12DCBB1
069 N38 E38 13ACBA1	069 N38 E38 13BCBB1	069 N38 E38 13CDA 1
069 N38 E38 23DAD 1	069 N38 E38 24BAD 1	069 N38 E38 24DB 1
069 N38 E38 25ADAA1	069 N38 E38 25BC 2	069 N38 E38 25BDAA1
069 N38 E38 25CDAA1	069 N38 E38 26DDA 1	069 N38 E38 26DDA 2
069 N38 E38 27ABBC1	069 N38 E38 35ADAA1	069 N38 E38 35ADAA2
069 N38 E38 36ADBC1	069 N38 E39 05CDBB1	069 N38 E39 06BAAA1
069 N38 E39 06CDAA1	069 N38 E39 07BAD 1	069 N38 E39 07CADD1

069 N38 E39 17BBBB2	069 N38 E39 17CBCC1	069 N38 E39 18ABCC1
069 N38 E39 18CAD 1	069 N38 E39 18CCB 1	069 N38 E39 19BCBB1
069 N38 E39 21AAA 1	069 N38 E39 22ABAA1	069 N38 E39 28BAAA1
069 N38 E39 35AAAB1	069 N38 E40 18CDCC1	069 N39 E38 01ABCB01-2
069 N39 E38 01CBDA1	069 N39 E38 25AADD1	069 N39 E38 34DDC 1
069 N39 E38 35DBDD1	069 N39 E38 36ADAA1	069 N39 E38 36BDA 1
069 N39 E38 36CADD1	069 N39 E38 36DADC1	069 N39 E39 03DAAB1
069 N39 E39 04BDC 1	069 N39 E39 05BDBB1	069 N39 E39 07CCCA1
069 N39 E39 13CCDC1	069 N39 E39 15DDAB1	069 N39 E39 16DAAA1
069 N39 E39 30AAD 4-2	069 N39 E39 30BAD 1	069 N39 E39 30CDA 1
069 N39 E39 30DDAA1	069 N39 E39 31AADD1	069 N39 E39 31BDA 1
069 N39 E39 31CADB1	069 N39 E39 31CDAA1	069 N39 E39 36CDCD1
069 N39 E40 19BBBB1	069 N40 E38 34BABD1	069 N40 E38 35CDCA1
069 N40 E38 36BCCD1	069 N40 E39 03BBBA1	069 N40 E39 11ADDC1
069 N40 E39 22CBAB1	069 N40 E39 24CBDA1	069 N40 E39 29ABDB1
069 N40 E39 31BBAB1	069 N40 E39 35DADC1	069 N40 E39 36ADDD1
069 N40 E39 36BBBC1	069 N40 E40 16BACA1	069 N41 E39 01DBAB1
069 N41 E39 11ABAC2	069 N41 E39 12CDCC2	069 N41 E39 23DBC 1
069 N41 E39 27ABAC1	069 N41 E39 35AABA1	069 N41 E39 36ACDA1
069 N41 E40 04BABB1	069 N41 E40 06CCDD1	069 N41 E40 20BBA 2-2
069 N41 E40 22DBDB1	069 N41 E40 28ADAD1	069 N41 E40 30BCBB1
069 N42 E39 14AAA 1	069 N42 E39 22CA 2	069 N42 E39 26ADD 1
069 N42 E40 14CBDA1	069 N42 E40 18BDBB1	069 N42 E40 18CDCC1
069 N42 E40 20DBAA1	069 N42 E40 21BAAB1	069 N42 E40 30ABB 1

Groundwater level data have also been collected by the USGS and can be accessed through their website (http://nevada.usgs.gov).

METHODS TO ESTIMATE IRRIGATED ACREAGE

This report estimates the number of acres irrigated by the groundwater pumped under permits, certificates, and claims of vested right issued by the State Engineer. Table 1 and Figure 3 present the current and historic irrigated acreage and pumpage; Appendix A presents estimates detailed by certificate, permit, or vested claim number. The following methods were used to arrive at the estimated acreage:

- Field inspection of the place of use was conducted to estimate the number of acres under cultivation.
- In cases where field inspection of the place of use was not practical, aerial and/or satellite imagery were analyzed to determine acreages.

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 Paradise Valley Hydrographic Basin. 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 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 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 were 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/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 lands were irrigated by both surface water and groundwater, the surface water supply for the irrigation season was considered in estimating groundwater pumpage.

TABLES

Table 1. Paradise Valley historical irrigated acreage and pumpage data.

Year	2010	2011	2012	2013	2014
Acres Irrigated	19,743	20,102	19,887	19,896	20,491
Acre-Feet Pumped	55,238	47,055	63,711	63,971	65,813

* The NIWR method to estimate pumpage was used starting in 2014; estimates may differ significantly from previous years.

FIGURES

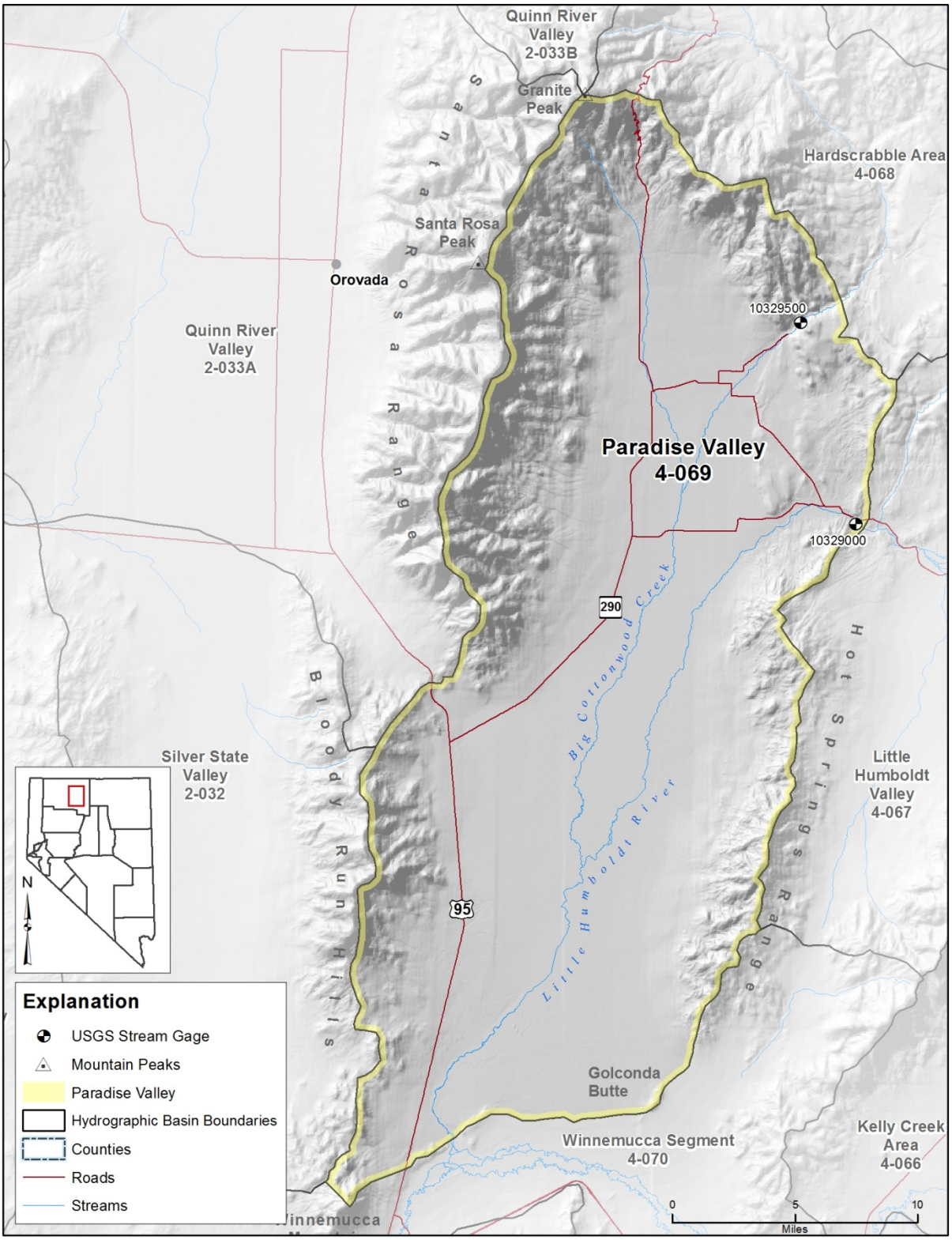

Figure 1. Physiographic map of Paradise Valley (Hydrographic Basin 4-069).

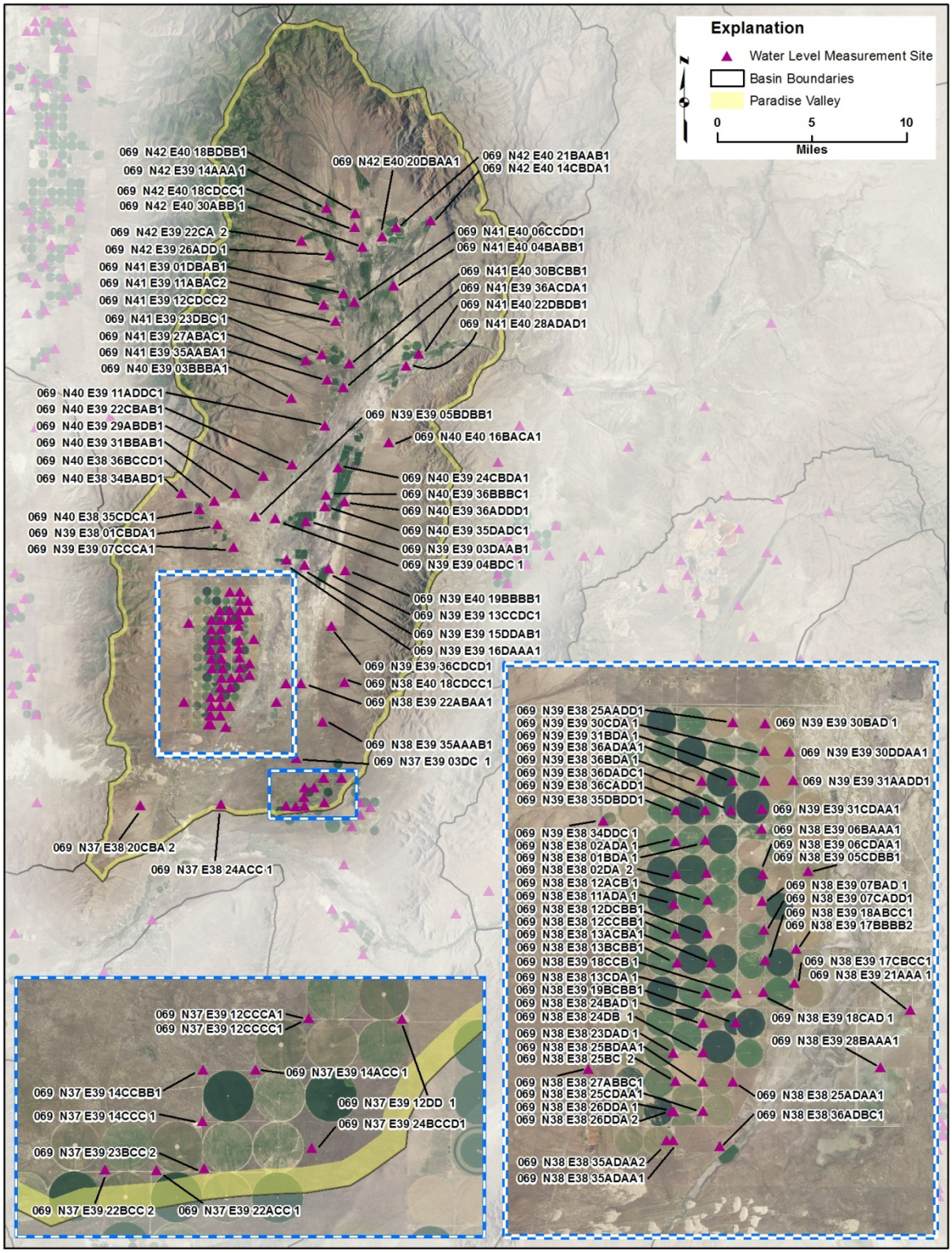

Figure 2. Map showing Paradise Valley farm areas and water level monitoring sites.

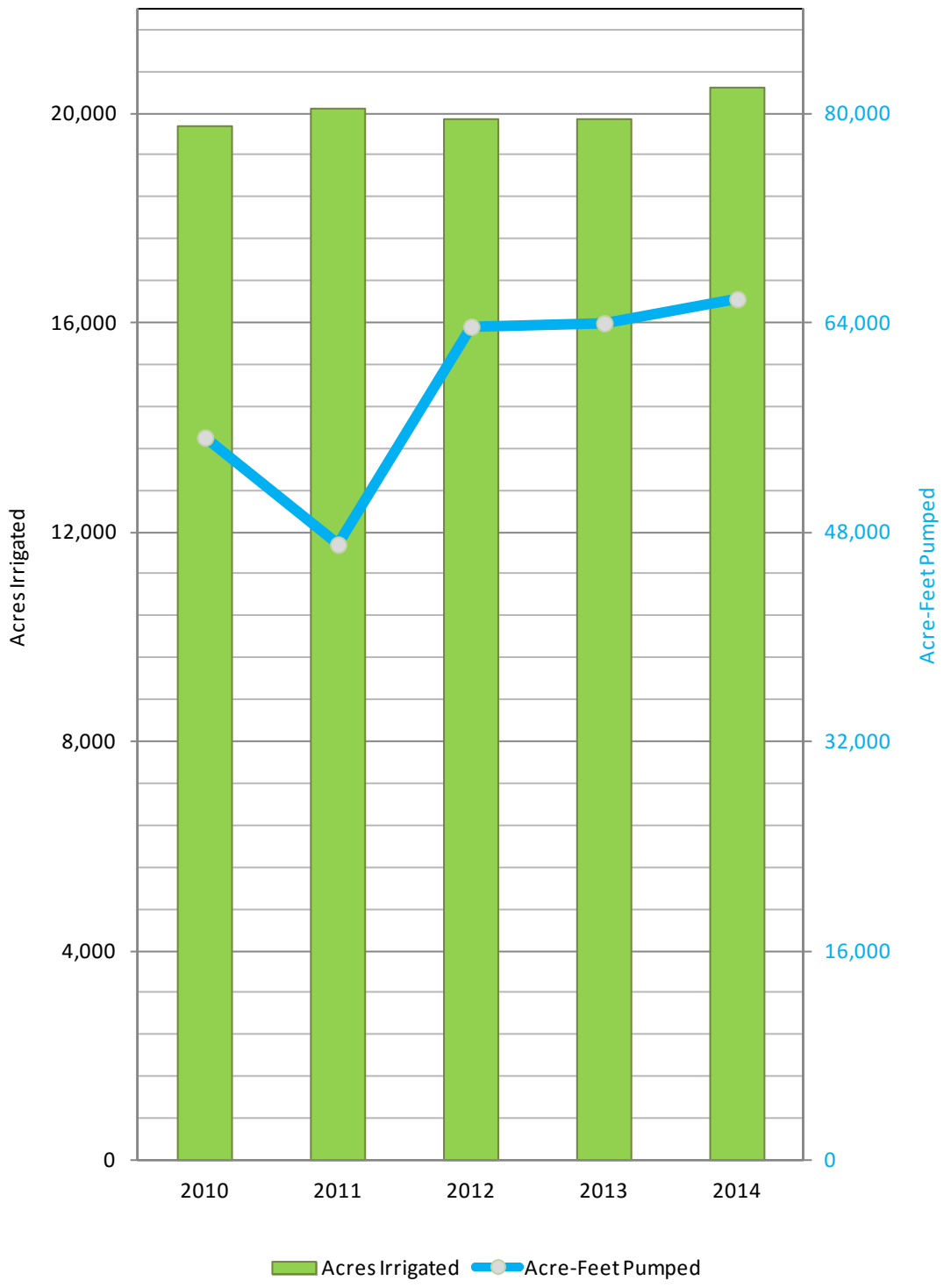

Figure 3. Graph showing Paradise Valley historical irrigated acreage and pumpage. The NIWR method to estimate pumpage was used starting in 2014; estimates may differ significantly from previous years.

APPENDIX A. 2014 PARADISE VALLEY CROP INVENTORY.

EXPLANATION OF COLUMN HEADINGS

App No	The file number of the Application to Appropriate/Change Water or the Claim of Vested Right.
Status	Indicates the status of an application: Permit (PER), Certificated (CER), or a Claim of Vested Right (VST).
QQ	The quarter-quarter of the Section in which the point of diversion is located.
Q	The quarter of the Section in which the point of diversion is located.
Sec	The Section in which the point of diversion is located.
Twn	The Township in which the point of diversion is located.
Rng	The Range in which the point of diversion is located.
Sup	Indicates whether the groundwater right is part of a group of groundwater rights used to irrigate all or a portion of the same acreage (supplemental). A "Y" in this column signifies the groundwater right is supplemental to other groundwater rights.
Supplemental Application Number	The application number(s) of the water right(s) that are supplemental to one another.
Permitted Acres	The number of acres defined by the permit or certificate that is eligible to be irrigated.
Supple-mentally Adjusted Permitted Acres	The supplementally adjusted, total number of acres that is eligible to be irrigated under a supplemental group of water rights.
Permitted Duty Acre-Feet	The amount of water that may be pumped in a given year, or season, as defined by the permit, certificate, or claim of vested right. If there is a supplemental group, the total combined duty is listed as a supplementally adjusted duty.
Supple-mentally Adjusted Duty Acre-Feet	The supplementally adjusted, total combined duty that may be pumped in a given year, or season, for a supplemental group of water rights, expressed in acre-feet. The supplementally adjusted, total combined duty is listed at the end of a supplemental group in **bold**.
Owner of Record	The owner of the water right as recorded in the records of the State Engineer. A water right may have more than one owner of record. Only the first, alphabetically, is listed in this table.
Crop Type	Indicates whether or not a crop was in production during the water year. If a crop was in production, the common name description of the plants under cultivation if given (e.g. alfalfa).

NIWR (ft)	Net Irrigation Water Requirement, defined to be equal to the annual crop evapotranspiration less the effective precipitation entering the root zone that is available for evaporation or transpiration.
Irrigation Method	The method by which the water is applied to the crop and ground (e.g. pivot).
Irrigation Efficiency	The estimated efficiency of the desired irrigation method used.
Irrigated Acreage	The estimate of the number of acres irrigated associated with a particular water right.
Acreage Estimation Method	The method by which the number of acres irrigated was determined. F – Field inspection. I – Aerial or satellite imagery.
Acre-Feet Pumped	The estimate of the amount of water pumped under a particular water right, expressed in acre-feet. One acre-foot equals 325,851 gallons.
Pumpage Estimation	The method used to estimate the amount of water pumped. M – Totalizing meter readings. N – NIWR Method.
Remarks	The numbers in this column correspond to footnotes at the end of the table.

2014 PARADISE VALLEY CROP INVENTORY

App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acres	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
83264	PER	SW	NW	23	37N	39E	Y		3,300	14,486.35	723.97	36,261.22	WINNEMUCCA FARMS, INC.							0.00	M	No Well
83265	PER	SW	NW	23	37N	39E	Y		3,300	--	1,621.69	--	WINNEMUCCA FARMS, INC.							--		
65825	PER	SW	SW	12	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							1,759.54	M	Well #2
65826	PER	SW	SW	12	37N	39E	Y		3,300	--	806.50	--	WINNEMUCCA FARMS, INC.							--		
65827	PER	SW	SW	12	37N	39E	Y		3,300	--	723.97	--	WINNEMUCCA FARMS, INC.							--		
65828	PER	SE	SE	12	37N	39E	Y		3,300	--	890.48	--	WINNEMUCCA FARMS, INC.							558.17	M	Well #3
65829	PER	SE	SE	12	37N	39E	Y		3,300	--	1,954.72	--	WINNEMUCCA FARMS, INC.							--		
65830	PER	SE	SE	12	37N	39E	Y		3,300	--	54.56	--	WINNEMUCCA FARMS, INC.							--		
65831	PER	SW	NE	14	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							1,681.22	M	Well #4
65832	PER	SW	NE	14	37N	39E	Y		3,300	--	1,520.34	--	WINNEMUCCA FARMS, INC.							--		
83266	PER	SW	NW	23	37N	39E	Y		3,300	--	1,017.90	--	WINNEMUCCA FARMS, INC.							0.00	M	No Well
83267	PER	SW	NW	23	37N	39E	Y		3,300	--	525.60	--	WINNEMUCCA FARMS, INC.							--		
83268	PER	SE	SE	12	37N	39E	Y		3,300	--	429.31	--	WINNEMUCCA FARMS, INC.							0.00	M	No Well
83269	PER	SE	SE	12	37N	39E	Y		3,300	--	1,085.96	--	WINNEMUCCA FARMS, INC.							--		
83270	PER	SW	SW	12	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							0.00	M	Well #102
83271	PER	SW	SSW	12	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							--		
83272	PER	SE	SE	12	37N	39E	Y		3,300	--	25.76	--	WINNEMUCCA FARMS, INC.							--		
65842	PER	SW	NW	22	37N	39E	Y		3,300	--	2,171.91	--	WINNEMUCCA FARMS, INC.							408.46	M	Well #9
65843	PER	SW	NW	22	37N	39E	Y		3,300	--	232.16	--	WINNEMUCCA FARMS, INC.							--		
65844	PER	SW	NE	22	37N	39E	Y		3,300	--	1,809.93	--	WINNEMUCCA FARMS, INC.							1,117.09	M	Well #10
65845	PER	SW	NE	22	37N	39E	Y		3,300	--	723.97	--	WINNEMUCCA FARMS, INC.							--		
65846	PER	SW	NE	22	37N	39E	Y		3,300	--	472.75	--	WINNEMUCCA FARMS, INC.							--		
65847	PER	SW	NW	23	37N	39E	Y		3,300	--	637.09	--	WINNEMUCCA FARMS, INC.							1,976.27	M	Well #11
65848	PER	SW	NW	23	37N	39E	Y		3,300	--	60.00	--	WINNEMUCCA FARMS, INC.							--		
83273	PER	SW	NE	14	37N	39E	Y		3,300	--	1,809.93	--	WINNEMUCCA FARMS, INC.							0.00	M	Well #4
83274	PER	SW	NE	14	37N	39E	Y		3,300	--	723.97	--	WINNEMUCCA FARMS, INC.							--		
83275	PER	SW	NE	14	37N	39E	Y		3,300	--	477.82	--	WINNEMUCCA FARMS, INC.							--		
83276	PER	SW	NE	22	37N	39E	Y		3,300	--	723.97	--	WINNEMUCCA FARMS, INC.							0.00	M	No Well
83277	PER	SW	NE	22	37N	39E	Y		3,300	--	781.89	--	WINNEMUCCA FARMS, INC.							--		
83278	PER	SW	SW	14	37N	39E	Y		3,300	--	246.15	--	WINNEMUCCA FARMS, INC.							0.00	M	Well #5
83279	PER	SW	SW	14	37N	39E	Y		3,300	--	80.88	--	WINNEMUCCA FARMS, INC.							--		
83280	PER	SW	SW	14	37N	39E	Y		3,300	--	343.89	--	WINNEMUCCA FARMS, INC.							--		
83281	PER	SW	SW	14	37N	39E	Y		3,300	--	2,171.91	--	WINNEMUCCA FARMS, INC.							--		
65859	PER	SE	SW	22	37N	39E	Y		3,300	--	666.05	--	WINNEMUCCA FARMS, INC.							0.00	M	Well # 15
65860	PER	SE	SW	22	37N	39E	Y		3,300	--	1,809.93	--	WINNEMUCCA FARMS, INC.							--		
65861	PER	SE	SW	22	37N	39E	Y		3,300	--	535.74	--	WINNEMUCCA FARMS, INC.							--		
65862	PER	SE	SE	22	37N	39E	Y		3,300	--	188.23	--	WINNEMUCCA FARMS, INC.							0.00	M	Well #16
65863	PER	SE	SE	22	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							--		
65864	PER	SE	SE	22	37N	39E	Y		3,300	--	1,447.94	--	WINNEMUCCA FARMS, INC.							--		
69422	PER	SW	SW	14	37N	39E	Y		3,300	--	723.97	--	WINNEMUCCA FARMS, INC.							1,193.91	M	Well #5
69423	PER	SW	SW	14	37N	39E	Y		3,300	--	794.92	--	WINNEMUCCA FARMS, INC.							--		
														Potatoes		**Pivots**		**861**	**F- I**			
														Grain		**Pivots**		**1845**	**F- I**			
									Total	**14,486.35**	Acres	**36,261.22**	**Acre-Feet**				**Total**	**2,706.00**	**Acres**	**8,694.66**	**Acre-Feet**	

2014 PARADISE VALLEY CROP INVENTORY

App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acres	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
24434	CER	NW	NE	13	38N	38E	Y		316.00	14,486.35	1,137.60	36,261.22	WINNEMUCCA FARMS, INC.							727.77	M	#30
25652	CER	SE	NE	2	38N	38E	Y		4,072.11	--	2,533.89	--	WINNEMUCCA FARMS, INC.							936.07	M	#17
25653	CER	SE	NW	1	38N	38E	Y		4,072.11	--	4,191.79	--	WINNEMUCCA FARMS, INC.							449.59	M	#18
25654	CER	SE	SE	2	38N	38E	Y		4,072.11	--	2,171.91	--	WINNEMUCCA FARMS, INC.							876.14	M	#20
25655	CER	SE	SW	1	38N	38E	Y		4,072.11	--	2,895.88	--	WINNEMUCCA FARMS, INC.							341.51	M	#21
25656	CER	SE	NE	11	38N	38E	Y		4,072.11	--	2,751.08	--	WINNEMUCCA FARMS, INC.							553.89	M	#23
25657	CER	SE	SE	11	38N	38E	Y		4,072.11	--	2,533.89	--	WINNEMUCCA FARMS, INC.							486.14	M	#26
25658	CER	SE	NW	12	38N	38E	Y		4,072.11	--	2,895.88	--	WINNEMUCCA FARMS, INC.							520.50	M	#24
25659	CER	SE	SW	12	38N	38E	Y		4,072.11	--	3,467.82	--	WINNEMUCCA FARMS, INC.							527.07	M	#27
25926	CER	NE	SW	18	38N	39E	Y		629.84	--	709.43	--	WINNEMUCCA FARMS, INC.							657.92	M	#34
25927	CER	NE	NW	18	38N	39E	Y		629.84	--	1,071.42	--	WINNEMUCCA FARMS, INC.							506.82	M	#31
25941	CER	SW	NE	25	39N	38E	Y		3,161.26	--	1,451.56	--	WINNEMUCCA FARMS, INC.							224.50	M	#01
25944	CER	SE	NW	30	39N	39E	Y		3,161.26	--	3,742.20	--	WINNEMUCCA FARMS, INC.							1,071.53	M	#03
25945	CER	SE	SW	30	39N	39E	Y		3,161.26	--	3,709.62	--	WINNEMUCCA FARMS, INC.							--		No Well
29003	CER	SW	SE	36	39N	38E	Y		158.34	--	633.36	--	WINNEMUCCA FARMS, INC.							189.26	M	#14
25947	CER	SE	NW	31	39N	39E	Y		3,161.26	--	3,613.33	--	WINNEMUCCA FARMS, INC.							410.54	M	#12
25948	CER		LT03	6	38N	39E	Y		1,264.46	--	3,548.90	--	WINNEMUCCA FARMS, INC.							746.02	M	#19
25949	CER	NE	SW	6	38N	39E	Y		1,264.46	--	3,871.07	--	WINNEMUCCA FARMS, INC.							103.65	M	#22
25950	CER	NE	SW	7	38N	39E	Y		1,264.46	--	3,147.10	--	WINNEMUCCA FARMS, INC.							559.92	M	#28
25951	CER	NE	NW	7	38N	39E	Y		1,264.46	--	3,226.01	--	WINNEMUCCA FARMS, INC.							186.66	M	#25
83282	PER	NW	SW	17	38N	39E	Y		318.56	--	2,171.90	--	WINNEMUCCA FARMS, INC.							515.12	M	#37
27447	CER	SE	SW	13	38N	38E	Y		1,889.07	--	3,779.93	--	WINNEMUCCA FARMS, INC.							647.24	M	#33
27448	CER	SE	NW	36	39N	38E	Y		1,890.90	--	1,613.01	--	WINNEMUCCA FARMS, INC.							102.54	M	#10
28024	CER	NE	NE	25	39N	38E	Y		3,161.26	--	2,895.88	--	WINNEMUCCA FARMS, INC.							315.59	M	#02
28025	CER	SE	SE	25	39N	38E	Y		3,161.26	--	637.10	--	WINNEMUCCA FARMS, INC.							--		No Well
28526	CER	SE	SW	5	38N	39E	Y		1,739.78	--	4,069.44	--	WINNEMUCCA FARMS, INC.							842.77	M	#37
78055	PER	NE	SW	31	39N	39E	Y		629.84	--	3,999.93	--	WINNEMUCCA FARMS, INC.							824.51	M	#16
29257	CER	NE	NE	30	39N	39E	Y		3,161.26	--	2,578.06	--	WINNEMUCCA FARMS, INC.							775.68	M	#04
29258	CER	NE	NE	30	39N	39E	Y		3,161.26	--	723.97	--	WINNEMUCCA FARMS, INC.							--		Same POD as 29257
29663	CER	SE	NE	14	38N	38E	Y		4,072.10	--	2,533.89	--	WINNEMUCCA FARMS, INC.							464.57	M	#29
30343	CER	SE	NE	36	39N	38E	Y		3,152.78	--	2,895.88	--	WINNEMUCCA FARMS, INC.							628.80	M	#11
30344	CER	SE	SE	36	39N	38E	Y		3,152.78	--	2,171.91	--	WINNEMUCCA FARMS, INC.							528.92	M	#15
30597	CER	NW	NW	17	38N	39E	Y		6,448.17	--	930.24	--	WINNEMUCCA FARMS, INC.							2,343.95	M	#36
31080	CER	SE	SE	30	39N	39E	Y		3,786.26	--	1,447.94	--	WINNEMUCCA FARMS, INC.							603.49	M	#08
31081	CER	SE	SE	30	39N	39E	Y		3,786.26	--	1,447.94	--	WINNEMUCCA FARMS, INC.							--		Same POD as 31080
34000	CER	SE	SW	25	38N	38E	Y		3,109.70	--	4,343.82	--	WINNEMUCCA FARMS, INC.							934.44	M	#47
34001	CER	SE	NW	25	38N	38E	Y		3,109.70	--	2,455.71	--	WINNEMUCCA FARMS, INC.							487.63	M	#45
34006	CER	NE	NE	26	38N	38E	Y		3,109.70	--	2,171.91	--	WINNEMUCCA FARMS, INC.							518.33	M	#44
34002	CER	SE	SW	24	38N	38E	Y		3,109.70	--	2,664.21	--	WINNEMUCCA FARMS, INC.							810.66	M	#42
34003	CER	NE	NW	24	38N	38E	Y		3,109.70	--	4,193.96	--	WINNEMUCCA FARMS, INC.							713.34	M	#39
34005	CER	SE	NE	35	38N	38E	Y		3,109.70	--	1,903.32	--	WINNEMUCCA FARMS, INC.							434.37	M	#49
34007	CER	NE	SE	26	38N	38E	Y		3,109.70	--	1,520.34	--	WINNEMUCCA FARMS, INC.							500.92	M	#46
80107	PER	SE	SE	26	38N	38E	Y		651.57	--	651.57	--	WINNEMUCCA FARMS, INC.							317.47	M	#46A
34008	CER	NE	NE	35	38N	38E	Y		3,109.70	--	1,447.94	--	WINNEMUCCA FARMS, INC.							373.54	M	#48
36319	CER	SW	SE	23	38N	38E	Y		3,109.70	--	3,258.59	--	WINNEMUCCA FARMS, INC.							913.90	M	#41A
39590	CER	SW	SW	18	38N	39E	Y		6,448.17	--	2,895.88	--	WINNEMUCCA FARMS, INC.							45.23	M	#32A
42596	CER	SE	NE	24	38N	38E	Y		3,109.70	--	730.49	--	WINNEMUCCA FARMS, INC.							566.61	M	#38
42597	CER	SE	NE	24	38N	38E	Y		3,109.70	--	3,370.80	--	WINNEMUCCA FARMS, INC.							--		#38A No Pump or Motor
45712	CER	SE	SE	35	39N	38E	Y		3,786.26	--	1,447.94	--	WINNEMUCCA FARMS, INC.							295.64	M	#13
49321	CER	SE	NE	25	38N	38E	Y		3,109.70	--	2,032.18	--	WINNEMUCCA FARMS, INC.							534.54	M	#43
55111	CER	SW	SE	30	39N	39E	Y		3,161.26	--	1,464.59	--	WINNEMUCCA FARMS, INC.							682.34	M	#07

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App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acres	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
55112	CER	SE	NE	31	39N	39E	Y		3,161.26	--	1,447.94	--	WINNEMUCCA FARMS, INC.							765.96	M	#12A
														Potatoes		**Pivots**		**1849**	**F- I**			
														Grain		**Pivots**		**4189**	**F- I**			
														Peas		**Pivots**		**1073**	**F- I**			
														Alfalfa		**Pivots**		**3410**	**F- I**			
									Total	**14,486.35**	**Acres**	**36,261.22**	**Acre-Feet**				**Total**	**10,521.00**	**Acres**	**27,563.63**	**Acre-Feet**	
30865	CER	NW	NE	27	38N	38E			76.93	76.93	307.22	307.22	SAVAGE, ROBERTA HALEY					0		0.00		
22830	CER	SE	NE	36	38N	38E	Y		88.33	198.29	353.32	793.16	WOOLFOLK, DAVID L.	Alfalfa	3.2	Flood	60%	40	F- I	213.33	N	
27890	CER	SE	NE	36	38N	38E	Y		198.29	--	793.16	--	ROWE, DAVID AND CARELON							--		
									Total	**198.29**	**Acres**	**793.16**	**Acre-Feet**				**Total**	**40.00**	**Acres**	**213.00**	**Acre-Feet**	
22617	CER	SE	SE	34	39N	38E	Y	Cottonwood Creek	25.45	40.19	101.80	160.76	LOVELAND, ANN	Grain	3.2	Pivot	85%	24	F- I	64.94	N	
24728	CER	NE	SE	34	39N	38E	Y		25.45	--	101.80	--	LOVELAND, ANN							--		
30151	CER	SE	SE	34	39N	38E	Y		40.19	--	160.76	--	LOVELAND, ANN							--		
									Total	**40.19**	**Acres**	**160.76**	**Acre-Feet**				**Total**	**24.00**	**Acres**	**64.94**	**Acre-Feet**	
20747	CER	NW	NW	2	39N	38E			24.77	24.77	99.10	99.10	CANNON, DAVID & PATRICIA	Alfalfa	3.2	Sprinklers	75%	30	F- I	128.00	N	
30995	CER	SE	NW	2	39N	38E			35.99	35.99	143.96	143.96	CANNON, BERNARD S.	Alfalfa	3.2	Sprinklers	75%	32	F- I	136.53	N	
41970	CER	NE	NW	11	39N	38E			8.6	8.6	34.40	34.40	BRAUN, RICHARD J.	Pasture	2.5	Sprinklers	75%	8.6	F- I	36.69	N	
38374	CER	SE	SE	11	39N	38E			19.6	19.6	78.40	78.40	MAHER, AMORITA M.	Pasture	2.5	Flood	60%	19.6	F- I	104.53	N	
36138	CER	SW	SW	12	39N	38E			9.6	9.6	38.40	38.40	KARAN MORI LIVING TRUST	Alfalfa	3.2	Sprinklers	75%	16	F- I	68.27	N	
42194	CER	SW	SW	12	39N	38E			7.92	7.92	31.68	31.68	CHAPIN, HAROLD & RITA	Alfalfa	3.2	Flood	60%	35	F- I	186.67	N	
28885	CER	SW	SW	12	39N	38E			36.1	36.1	144.40	144.40	KARAN MORI LIVING TRUST							--		
30697	CER	SW	NE	12	39N	38E			95.4	95.4	81.58	377.56	ASTRID INGA SCHWEIGERT TRUST	Alfalfa	3.2	Sprinklers	75%	28	F- I	119.47	N	
81677	RFA	SW	NE	12	39N	38E			18.62	18.62	74.78	74.78	ASTRID WHITE MAHANEY	Alfalfa	3.2	Pivot	85%	50	F- I	188.24	N	
31011	CER	NE	NW	12	39N	38E			71.98	71.98	287.92	287.92	VETTER, WALTER J. & TAMI RENE					0	F- I	0.00		
35264	CER	NW	NW	12	39N	38E			16.88	16.88	67.52	67.52	TAKAS, GARY R. & BARBRA F.	Alfalfa	3.2	Pivot	85%	28	F- I	105.41	N	
35802	CER	NW	NW	12	39N	38E			8.42	8.42	33.68	33.68	MARVEL, JOSEPH					0	F- I	0.00		
21761	CER	SW	NW	12	39N	38E			43.64	43.64	183.28	183.28	ENOCHSON, DALE & MARYANNA					0	F- I	0.00		
26402	CER	NE	NE	13	39N	38E			8.93	8.93	35.72	35.72	BECK, KENNETH AND MARY					0	F- I	0.00		
26158	CER	NE	SE	23	39N	38E			9.6	9.6	38.40	38.40	KELTON, VICTOR & ILA					0	F- I	0.00		
45155	CER	SE	SW	35	40N	38E	Y		113.9	118.32	455.60	455.6	CANNON, BERNARD S.	Alfalfa	3.2	Pivot	85%	115	F- I	432.94	N	
47276	CER	SE	SW	35	40N	38E	Y		20	--	80.00	--	CANNON, BERNARD S.							--		
									Total	**118.32**	**Acres**	**455.60**	**Acre-Feet**				**Total**	**115.00**	**Acres**	**432.92**	**Acre-Feet**	
39386	CER	SE	NW	5	39N	39E			39.08	39.08	156.32	156.32	SMITH, WILLIAM V.					0	F- I	0.00		
27548	CER	SW	NW	5	39N	39E			37.8	37.8	151.20	151.20	BRETT PAGE INTERVIVOS					0	F- I	0.00		
													TRUST, 25%UDI							--		
26506	CER	SW	SW	7	39N	39E			31.7	31.7	126.80	126.80	ALBERT, JOHN H. & SANDRA L.	Alfalfa	3.2	Sprinklers	75%	16	F- I	68.27	N	
20640	CER	NW	NE	3	39N	39E	Y	Little Humboldt	169.4	822.2	609.84	2,637.72	MARVEL, JOSEPH F.	Alfalfa	3.2	Flood	60%	41	F- I	218.67	N	
														Grain	3.2	Flood	60%	36	F- I	138.00	N	
														Pasture	2.5	Flood	60%	14	F- I	74.67	N	
26948	CER	NE	NE	3	39N	39E	Y	Cottonwood & Martin	738.8	822.2	1,652.40	--	LUCAS, NORMAN E., FREDA H., & STEVEN E.	Alfalfa	3.2	Flood	60%	220	F- I	1,173.33	N	
35666	CER	NE	SE	3	39N	39E	Y	Little Humboldt	279.8	--	1,007.28	--	SMITH, ROY & CHARLOTTE REV. TRUST	Alfalfa	3.2	Flood	60%	175	F- I	933.33	N	
								Cottonwood & Martin												--		
									Total	**822.20**	**Acres**	**2,637.72**	**Acre-Feet**				**Total**	**486.00**	**Acres**	**2,538.00**	**Acre-Feet**	
16763	CER	NW	SW	3	39N	39E		Little Humboldt	90.75	90.75	326.70	326.70	SMITH, ROY & CHARLOTTE REV. TRUST	Pasture	2.5	Flood	60%	37	F- I	197.33	N	
								Cottonwood & Martin						Grain	3.2	Flood	60%	25	F- I	95.83	N	
12473	CER	NE	NW	10	39N	39E		Cottonwood Creek	720	720	1,440.00	1,440.00	JDK 1991 TRUST							--		
70385	PER	SW	SW	13	39N	39E	Y	Little Humboldt	440	440	1,584.00	1,584	KENNITH R. BUCKINGHAM	Alfalfa	3.2	Flood	60%	200	F- I	1,066.67	N	
70386	PER	SW	SW	13	39N	39E		Little Humboldt	358	--	1,288.80	--	KENNITH R. BUCKINGHAM	Alfalfa	3.2	Flood	60%	115	F- I	442.26	M	
70384	PER	SW	SW	13	39N	39E		Little Humboldt	350	--	1,260.00	--	KENNITH R. BUCKINGHAM							--		
									Total	**440.00**	**Acres**	**1,584.00**	**Acre-Feet**				**Total**	**315.00**	**Acres**	**1,508.93**	**Acre-Feet**	
15743	CER	NE	NE	15	39N	39E	Y	Little Humboldt	295.3	381.24	1,063.08	1,351.08	JDK 1991 TRUST	Alfalfa	3.2	Flood	60%	190	F- I	1,013.33	N	
15744	CER	NE	SE	16	39N	39E	Y	Little Humboldt	375.3	--	1,351.08	--	JDK 1991 TRUST	Alfalfa	3.2	Flood	60%	87	F- I	464.00	N	
									Total	**381.24**	**Acres**	**1,351.08**	**Acre-Feet**				**Total**	**277.00**	**Acres**	**1,477.33**	**Acre-Feet**	

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App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acres	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
21410	CER	NE	SE	13	40N	39E	Y	Little Humboldt	192.56	2,545.46	693.22	41,605.54	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	142	F-1	643.73	N	
36795	CER	NE	SE	13	40N	39E	Y	Little Humboldt	125.2	--	450.72	--	NEVADA FIRST CORPORATION							--		
36803	CER	NE	SE	13	40N	39E	Y	Little Humboldt	125.8	--	448.20	--	NEVADA FIRST CORPORATION							--		
36796	CER	NW	NE	13	40N	39E	Y	Little Humboldt	69	--	248.40	--	NEVADA FIRST CORPORATION					0	F-1	0.00		
36804	CER	NE	SW	13	40N	39E	Y	Little Humboldt	108.1	--	389.16	--	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	202	F-1	915.73	N	
36805	CER	NE	SW	13	40N	39E	Y	Little Humboldt	108.1	--	389.16	--	NEVADA FIRST CORPORATION							--		
36806	CER	NE	SW	13	40N	39E	Y	Little Humboldt	108.1	--	389.16	--	NEVADA FIRST CORPORATION							--		
36800	CER	NW	SE	24	40N	39E	Y	Little Humboldt	129.1	--	464.76	--	NEVADA FIRST CORPORATION							--		
36801	CER	NW	SE	24	40N	39E	Y	Little Humboldt	128.5	--	462.60	--	NEVADA FIRST CORPORATION							--		
36799	CER	SW	NE	25	40N	39E	Y	Little Humboldt	68.3	--	245.88	--	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	196	F-1	888.53	N	
28047	CER	SW	NE	25	40N	39E	Y	Little Humboldt	269.2	--	828.10	--	NEVADA FIRST CORPORATION							--		
23569	CER	SW	NW	25	40N	39E	Y	Little Humboldt	25.13	--	90.47	--	NEVADA FIRST CORPORATION					0	F-1	0.00		
36694	CER	NE	SE	35	40N	39E	Y	Little Humboldt	211	--	759.60	--	NEVADA FIRST CORPORATION					0	F-1	0.00		
36695	CER	SE	NE	36	40N	39E	Y	Little Humboldt	249.6	--	898.56	--	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	115	F-1	521.33	N	
21411	CER	SE	NE	36	40N	39E	Y	Little Humboldt	307.3	--	1,106.28	--	NEVADA FIRST CORPORATION							--		
36696	CER	NW	NW	36	40N	39E	Y	Little Humboldt	236.6	--	851.76	--	NEVADA FIRST CORPORATION					0	F-1	0.00		
26067	CER	NE	SW	7	40N	40E	Y	Little Humboldt	125.8	--	452.88	--	NEVADA FIRST CORPORATION					0	F-1	0.00		
21672	CER	NE	SE	7	40N	40E	Y	Little Humboldt	226.65	--	815.94	--	NEVADA FIRST CORPORATION	Grain	3.2	Pivot	85%	125	F-1	338.24	N	
21412	CER	SE	SE	18	40N	40E	Y	Little Humboldt	194.12	--	699.16	--	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	158	F-1	716.27	N	
36802	CER	NW	SW	19	40N	40E	Y	Little Humboldt	127	--	457.20	--	NEVADA FIRST CORPORATION							--		
22262	CER	NW	SW	19	40N	40E	Y	Little Humboldt	269.17	--	969.01	--	NEVADA FIRST CORPORATION							--		
21670	CER	NW	SW	30	40N	40E	Y	Little Humboldt	328.93	--	1,184.15	--	NEVADA FIRST CORPORATION	Grain	3.2	Flood	60%	139	F-1	452.91	N	
21671	CER	NW	SW	30	40N	40E	Y	Little Humboldt	407.61	--	1,539.40	--	NEVADA FIRST CORPORATION							--		
24685	CER	NW	SW	30	40N	40E	Y	Little Humboldt	149.5	--	538.20	--	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	248	F-1	1,124.27	N	
									Total	**2,545.46**	**Acres**	**41,605.54**	**Acre-Feet**				**Total**	**1,325.00**	**Acres**	**5,601.01**	**Acre-Feet**	
26066	CAN	SE	SW	19	40N	40E		Little Humboldt	0	0	0.00	0.00	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	118	F-1	534.93	N	
21409	CER	NE	NE	35	41N	39E	Y	Stone House Creek	338.7	338.7	1,219.32	1,219.32	NEVADA FIRST CORPORATION	Alfalfa	3.2	Flood	60%	131	F-1	698.67	N	
18172	CER	NW	NE	33	41N	40E	Y	Little Humboldt	267.8	549.63	1,071.20	1,851.84	ROBERT F. THOMAS FAMILY TRUST	Alfalfa	3.2	Flood	60%	160	F-1	853.33	N	
28949	CER	SE	NE	28	41N	40E	Y	Little Humboldt	514.4	--	1,851.84	--	ROBERT F. THOMAS FAMILY TRUST	Alfalfa	3.2	Flood	60%	140	F-1	746.67	N	
									Total	**549.63**	**Acres**	**1,851.84**	**Acre-Feet**				**Total**	**300.00**	**Acres**	**1,600.00**	**Acre-Feet**	
24921	CER	NE	SE	22	41N	40E	Y	Little Humboldt	575.5	1,325.58	2,071.80	3,400	MARVEL, PETER J. AND KATHI F.	Grain	3.2	Pivots	85%	260	F-1	703.53	N	
35308	CER	NE	SE	22	41N	40E	Y	Little Humboldt	817.4(A),508.2(C)	--	2,171.39	--	MARVEL, PETER J. AND KATHI F.	Alfalfa	3.2	Flood	60%	17.5	F-1	93.33	N	
24922	CER	NW	SE	22	41N	40E	Y	Little Humboldt	682.6	--	2,457.36	--	MARVEL, PETER J. AND KATHI F.	Alfalfa	3.2	Flood	60%	62	F-1	330.67	N	
34371	CER	NW	SE	22	41N	40E	Y	Little Humboldt	817.4(A),508.2(C)	--	2,171.39	--	MARVEL, KATHI F.	Grain	3.2	Flood	60%	121	F-1	463.83	N	
									Total	**1,325.58**	**Acres**	**3,400.00**	**Acre-Feet**				**Total**	**460.50**	**Acres**	**1,591.36**	**Acre-Feet**	
27274	CER	NW	NW	24	41N	39E	Y	Stone House Creek	358.6	634.93	1,290.96	2,154.96	MILLER, ELIZABETH H. TRUSTEE	Alfalfa	3.2	sprinklers	75%	30	F-1	128.00	N	
														Alfalfa	3.2	Pivots	85%	188	F-1	636.99	N	
27275	CER	NW	SE	23	41N	39E	Y		638.3	--	65.00	--	MILLER, ELIZABETH	Grain	3.2	Pivot	85%	113	F-1	305.76	N	
43158	CER	NE	SE	23	41N	39E	Y	Stone House Creek	638.3	--	1,290.96	--	MILLER, ELIZABETH H. TRUSTEE	Alfalfa	3.2	Pivot	85%	112	F-1	121.31	N	
43159	CER	NE	SE	23	41N	39E	Y	Stone House Creek	638.3	--	799.00	--	MILLER, ELIZABETH	Alfalfa	3.2	Pivot	85%	124	F-1	420.14	N	
														Alfalfa	3.2	Flood	60%	6	F-1	32.00	N	
									Total	**634.93**	**Acres**	**2,154.96**	**Acre-Feet**				**Total**	**573.00**	**Acres**	**1,644.20**	**Acre-Feet**	
18048	CER	NW	SE	11	41N	39E	Y	Beef Creek	382.6	382.6	725.78	725.78	FERRARO CATTLE COMPANY	Grain	3.2	Pivot	85%	130	F-1	351.76	N	
35915	CER	NW	NE	11	41N	39E	N		39.36	39.36	157.44	157.44	GAVICA, RICHARD F.	Pasture	2.5	Sprinklers	75%	39.36	F-1	167.94	N	
29165	CER	NE	NW	6	41N	40E	Y	Cottonwood	280.69	371.5	485.09	1,611.16	BOGGIO, DUANE E.					0	F-1	0.00		
34702	CER	NE	NE	6	41N	40E	Y	Cottonwood	290	--	1,044.00	--	BOGGIO, DUANE E.	Pasture	2.5	Flood	60%	152	F-1	729.60	N	
34703	CER	NE	NE	6	41N	40E	Y	Cottonwood	290	--	201.04	--	BOGGIO, DUANE E.							--		
50622	CER	NE	NE	6	41N	40E	Y	Cottonwood	348.1	--	1,093.41	--	BOGGIO, DUANE E.							--		
									Total	**371.50**	**Acres**	**1,611.16**	**Acre-Feet**				**Total**	**152.00**	**Acres**	**729.60**	**Acre-Feet**	
29166	CER	SW	SW	6	41N	40E	Y	Cottonwood	272.22	272.22	979.99	979.99	BOGGIO, DUANE E.	Grain	3.2	Pivot	85%	120	F-1	199.72	M	
29813	CER	SE	SW	1	41N	39E	Y	Singas Creek	323.33	323.33	1,163.99	1,163.99	T 5 RANCH LLC	Alfalfa	3.2	Flood	60%	197.6	F-1	948.48	N	
19623	CER	SE	NW	2	41N	39E	Y	Singas Creek	111.6	112.19	280.44	401.76	CASSINELLI, DAVID J. & THOMAS C.	Alfalfa	3.2	Flood	60%	74.2	F-1	356.16	N	
53854	CER	SE	NW	2	41N	39E	Y	Singas Creek	33.7	--	121.32	--	T 5 RANCH LLC							--		
									Total	**112.19**	**Acres**	**401.76**	**Acre-Feet**				**Total**	**74.20**	**Acres**	**356.16**	**Acre-Feet**	

2014 PARADISE VALLEY CROP INVENTORY

App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acres	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
30935	CER	NE	SE	3	41N	39E	Y	Singas Creek	141	141	507.60	507.60	CASSINELLI, DAVID J. & THOMAS C.	Pasture	2.5	Sprinklers	75%	62	F-I	238.08	N	
44147	CER	NE	SE	3	41N	39E	Y	Singas Creek	118.75	118.75	427.50	427.50	T 5 RANCH LLC	Pasture	2.5	Pivot	85%	126	F-I	474.35	N	
82706	PER	SW	SE	29	41N	39E		Wash O'Neal Creek	0.73	0.73	2.36	2.36	HOGAN, DONNA	Pasture	2.5	Sprinklers	75%	0.73	I	2.28	N	
53853	CER	NW	SE	35	42N	39E	Y	Singas Creek	69	69	248.40	248.40	T 5 RANCH LLC	Alfalfa	3.2	Flood	60%	48.4	F-I	232.32	N	
68331	PER	SW	SW	36	42N	39E	Y	Singas Creek	137.87	137.87	496.33	496.33	T 5 RANCH LLC	Alfalfa	3.2	Flood	60%	100	F-I	480.00	N	
24976	CER	SW	NW	25	42N	39E	N		3.005	3.005	12.02	12.02	MILLER, EMILY	Pasture	2.5	Sprinkler	75%	0.5	F-I	2.13	N	
64698	PER	NW	SW	25	42N	39E	Y	Cottonwood Creek	126.19	242.45	454.28	726.2	BELL, JOHN R. & JHONA L.	Pasture	2.5	Flood	60%	29	F-I	104.17	M	
														Alfalfa	3.2	Sprinklers	75%	33	F-I	--	M	
64699	PER	SW	SW	25	42N	39E	Y	Cottonwood Creek	201.72	--	421.71	--	BELL, JOHN R. & JHONA L.	Pasture	2.5	Flood	60%	102	F-I	289.64	M	
														Alfalfa	3.2	Flood	60%	18	F-I	--	N	
64700	PER	SE	NE	26	42N	39E	Y	Cottonwood Creek	201.72	--	304.49	--	BELL, JOHN R. & JHONA L.					0	F-I	0.00		
									Total	**242.45**	**Acres**	**726.20**	**Acre-Feet**				**Total**	**182.00**	**Acres**	**393.81**	**Acre-Feet**	
23496	CER	NE	NE	14	42N	39E	Y	Mullenax Creek	427.8	427.8	989.80	989.80	BELL, FORREST FRANCIS	Pasture	2.5	Flood	60%	110	F-I	276.67	M	
36797	CER	NW	NE	30	42N	40E	Y	Martin Creek	115.8	115.8	416.88	416.88	ECHEVARRIA, JOSEPH PATRICK	Pasture	2.5	Flood	60%	28	F-I	116.67	N	
30502	CER	SE	NW	18	42N	40E	Y	Indian creek	305.24	305.24	1,013.56	1,098.86	NEVADA FIRST CORPORATION					0	F-I	0.00		
30503	CER	SE	NW	18	42N	40E	Y	Indian creek	305.24	--	1,098.86	--	NEVADA FIRST CORPORATION					0	F-I	0.00		
30504	CER	SE	NW	18	42N	40E	Y	Indian creek	305.24	--	1,098.86	--	NEVADA FIRST CORPORATION					0	F-I	0.00		
30506	CER	SE	NW	18	42N	40E	Y	Indian creek	305.24	--	1,098.86	--	NEVADA FIRST CORPORATION					0	F-I	0.00		
30505	CER	SE	SW	18	42N	40E	Y	Indian creek	305.24	--	1,098.86	--	NEVADA FIRST CORPORATION					0	F-I	0.00		
30507	CER	SE	SW	18	42N	40E	Y	Indian creek	305.24	--	1,013.56	--	NEVADA FIRST CORPORATION					0	F-I	0.00		
									Total	**305.24**	**Acres**	**1,098.86**	**Acre-Feet**				**Total**	**0.00**	**Acres**	**0.00**	**Acre-Feet**	
46369	CER	NW	SE	17	42N	40E		Martin Creek	309.1	309.1	1,112.76	1,112.76	BUCKINGHAM, KENNETH R.	Pasture	2.5	Flood	60%	190	F-I	791.67	N	
44281	CER	SE	NE	19	42N	40E		Martin Creek	110.08	110.08	396.29	396.29	BUCKINGHAM, KENNETH R.	Alfalfa	3.2	Pivot	85%	100	F-I	376.47	N	
23417	CER	NW	SE	20	42N	40E		Martin Creek	202.76	202.76	729.94	729.94	BUCKINGHAM, KENNETH R.	Alfalfa	3.2	Flood	60%	78	F-I	416.00	N	
31027	CER	NE	NW	4	41N	40E		Martin Creek			759.56	759.56	STEWART, FRED WILLIAM					0	F-I	0.00		
30980	CER	NE	SE	17	42N	40E	Y	Martin Creek	414.19	414.19	1,455.85	1,491.08	BAR X RANCH, A PARTNERSHIP	Alfalfa	3.2	Pivot	85%	130	F-I	440.47	N	
39155	CER	NW	SW	16	42N	40E	Y	Martin Creek	414.19	--	1,491.08	--	BAR X RANCH, A PARTNERSHIP	Alfalfa	3.2	Pivot	85%	140	F-I	474.35	N	
														Grain	3.2	Pivot	85%	140	F-I	378.82		
									Total	**414.19**	**Acres**	**1,491.08**	**Acre-Feet**				**Total**	**410.00**	**Acres**	**1,293.65**	**Acre-Feet**	
45649	CER	NE	NW	21	42N	40E	Y	Martin Creek	302.1	302.1	1,087.56	1,293.80	SICKING, JOE F. & NANCY N.	Alfalfa	3.2	Pivot	85%	132	F-I	447.25	N	
51792	CER	NE	NW	21	42N	40E	Y	Martin Creek	302.1	--	1,087.56	--	SICKING, JOE F. & NANCY N.	Alfalfa	3.2	Pivot	85%	130	F-I	440.47	N	
51793	CER	NE	NW	21	42N	40E	Y	Martin Creek	302.1	--	940.90	--	SICKING, JOE F. & NANCY N.							--		
									Total	**302.10**	**Acres**	**1,293.80**	**Acre-Feet**				**Total**	**262.00**	**Acres**	**887.72**	**Acre-Feet**	
45982	CER	SE	NE	21	42N	40E		Martin Creek	253.48	253.48	912.52	912.52	SICKING, JOE F. & NANCY N.	Alfalfa	3.2	Pivot	85%	130	F-I	440.47	N	
														Grain	3.2	Flood	60%	91	F-I	313.95	N	
22816	CER	NW	NE	14	42N	40E	Y	Martin Creek	181.87	324.97	654.73	769.07	ROBERT A. CASSINELLI AND GEORGENE F.	Alfalfa	3.2	Flood	60%	143	F-I	724.53	N	
41950	CER	NW	SW	14	42N	40E	Y	Martin Creek	143.1	--	515.16	--	ROBERT A. CASSINELLI AND GEORGENE F. CASSINELLI CO-TRUSTEES UNDER THE ROBERT A. CASSINELLI AND GEORGENE F. CASSINELLI TRUST DATED 11/3/99					0	F-I	0.00		
									Total	**324.97**	**Acres**	**769.07**	**Acre-Feet**				**Total**	**143.00**	**Acres**	**724.53**	**Acre-Feet**	
									Total	**28,272.73**	**Acres**	**115,083.73**	**Acre-Feet**			**Total**		**20,491.49**	**Acres**	**65,813.26**	**Acre Feet**	