

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

JASON KING, P.E.
STATE ENGINEER



LOWER REESE RIVER VALLEY, HYDROGRAPHIC BASIN 4-059

CROP INVENTORY

CALENDAR YEAR 2014

Prepared by: Eric Schadeck
Landon Harris and Kyle Wolf

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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 Lower Reese River Valley, Hydrographic Basin 4-059, 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 **3,820 acres** with a total duty of 15,665 acre-feet within the Lower Reese River Valley. An estimated **3,210 acres** were irrigated and 11,888 acre-feet were pumped during 2014.

HYDROGRAPHIC BASIN SUMMARY

| | |
|---|---|
| HYDROGRAPHIC BASIN NUMBER | 059, REGION 4 |
| HYDROGRAPHIC BASIN NAME | LOWER REESE RIVER VALLEY |
| COUNTIES | LANDER |
| MAJOR COMMUNITIES | BATTLE MOUNTAIN |
| DESIGNATED BASIN | DESIGNATED |
| DENIALS BASED UPON WATER AVAILABILITY | 2528 , IRD DEN, 4/8/1980 2759 , IRR DEN, 4/30/1982 3429 , IRD DEN, 4/8/1987 |
| ESTIMATED IRRIGATION PUMPAGE 2014 (ACRE-FEET) | 11,888* |
| STATE ENGINEER'S ORDERS | |
| NO. 739 – DESIGNATION | MARCH 27, 1980 |
| NO. 839 – PREFERRED USE | MARCH 20, 1984 |

COMMITTED GROUNDWATER RESOURCE FOR IRRIGATION PURPOSES: 15,665 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 Lower Reese River Valley Hydrographic Basin (4-059), for the year 2014.

DESCRIPTION OF THE STUDY AREA

The Lower Reese River Valley Hydrographic Basin is located in north central Nevada (Figure 1). Lower Reese River Valley occupies approximately 588 square miles in Lander County. The adjacent hydrographic basins are Buffalo Valley (10-131) to the west, Clovers Area (4-064) and Bolder Flat (4-061) to the north, Whirlwind Valley (4-060), Crescent Valley (4-054) and Carico Lake Valley (4-055) to the east, and Middle Reese River Valley (4-058) to the south.

Lower Reese River Valley Hydrographic Basin is bounded to the north by the Humboldt River. This basin is also bounded by the Fish Creek Mountains to the southwest and the Shoshone Mountains to the east. The Lower Reese River Valley is approximately 20 miles wide by 30 miles long with basin elevations ranging from approximately 4,500 feet above mean sea level on the valley floor to approximately 9,000 feet above mean sea level in the surrounding mountains. Irrigation occurs primarily in the southwest part of the basin (Figure 2).

GROUNDWATER LEVELS

Depths to groundwater in Lower Reese River Valley are measured by NDWR on a semi-annual basis. Sites at which water level measurements are made:

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| 059 N27 E43 02ADDB1 | 059 N29 E43 17DCCC1 | 059 N30 E44 18ACDD1 |
| 059 N27 E43 02DDDC1 | 059 N29 E43 28ACCC4 | 059 N30 E44 21DDA 1 |
| 059 N29 E43 13AD 1 | 059 N29 E43 28BCCC2 | 059 N31 E46 04ADBB1 |
| 059 N29 E43 14AB 1 | 059 N29 E44 06AADD1 | 059 N31 E46 04DACB1 |
| 059 N29 E43 16CCCC1 | 059 N29 E44 06BADD2 | 059 N31 E46 30CCAA1 |
| 059 N29 E43 17ABCC1 | 059 N29 E44 09CCCC1 | 059 N32 E45 35ABBD1 |

Groundwater level data have also been collected by the U.S. Geological Survey (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 in the Lower Reese River 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 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/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 are irrigated by both surface water and groundwater, the surface water supply for the irrigation season was considered in estimating groundwater pumpage.

TABLES

Table 1. Lower Reese River Valley historical irrigated acreage and pumpage data.

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------------|--------|--------|--------|--------|--------|
| Acres Irrigated | 3,037 | 3,218 | 3,359 | 3,360 | 3,210 |
| Acre-Feet Pumped* | 11,076 | 11,910 | 12,303 | 12,266 | 11,888 |

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

FIGURES

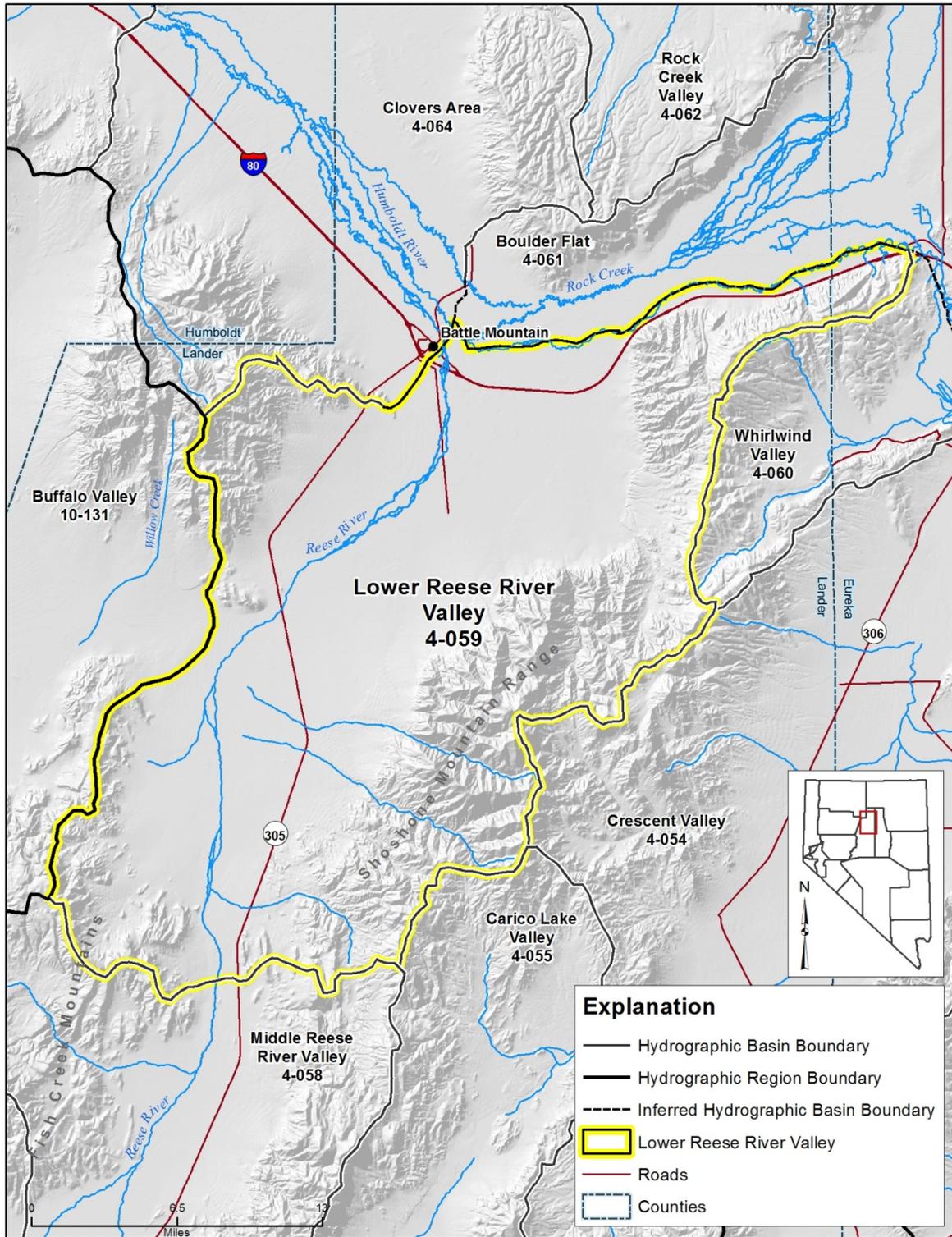


Figure 1. Physiographic map of Lower Reese River Valley (Hydrographic Basin 4-059).

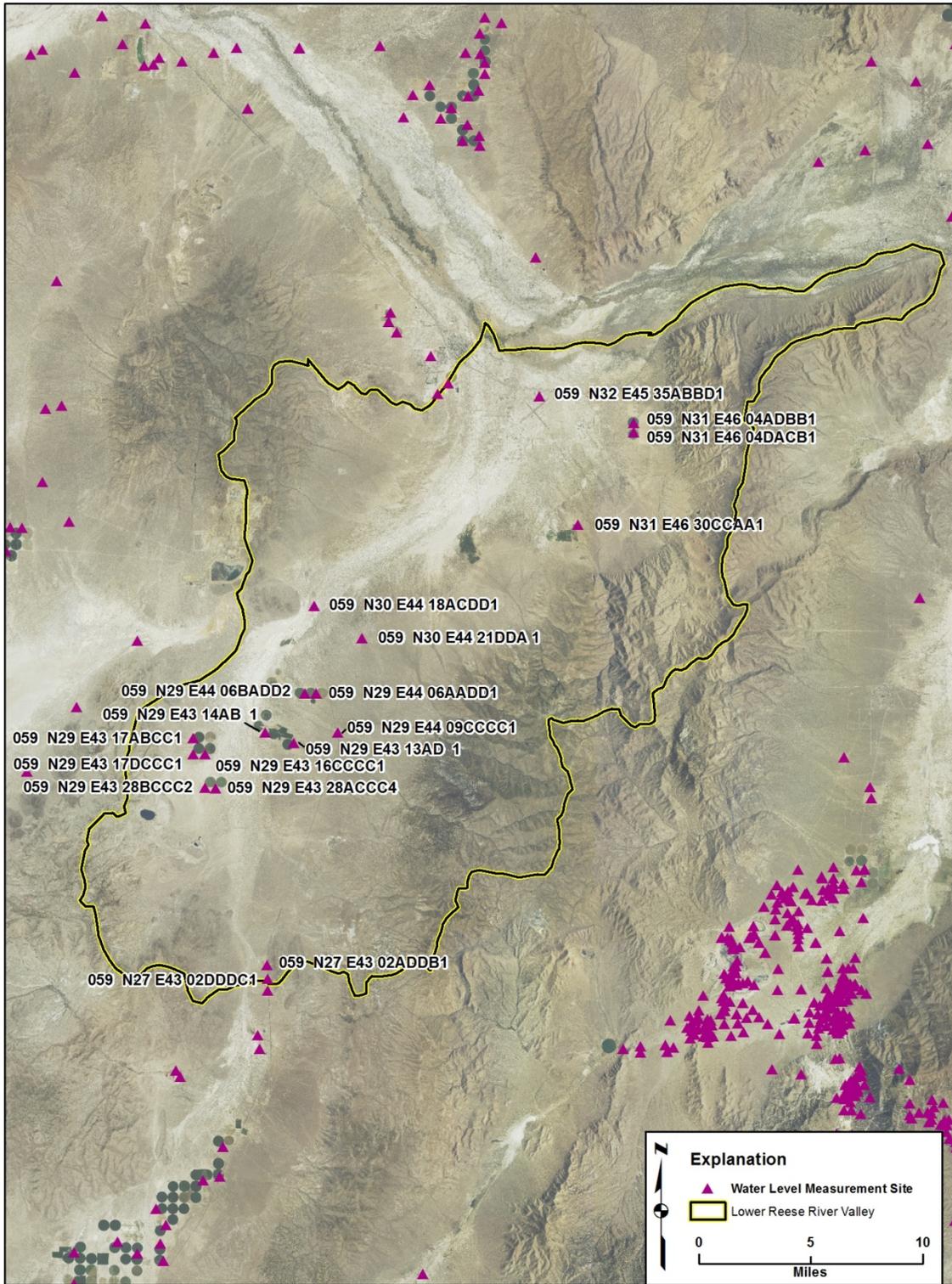


Figure 2. Map showing Lower Reese River Valley irrigated acreage and water level monitoring sites.

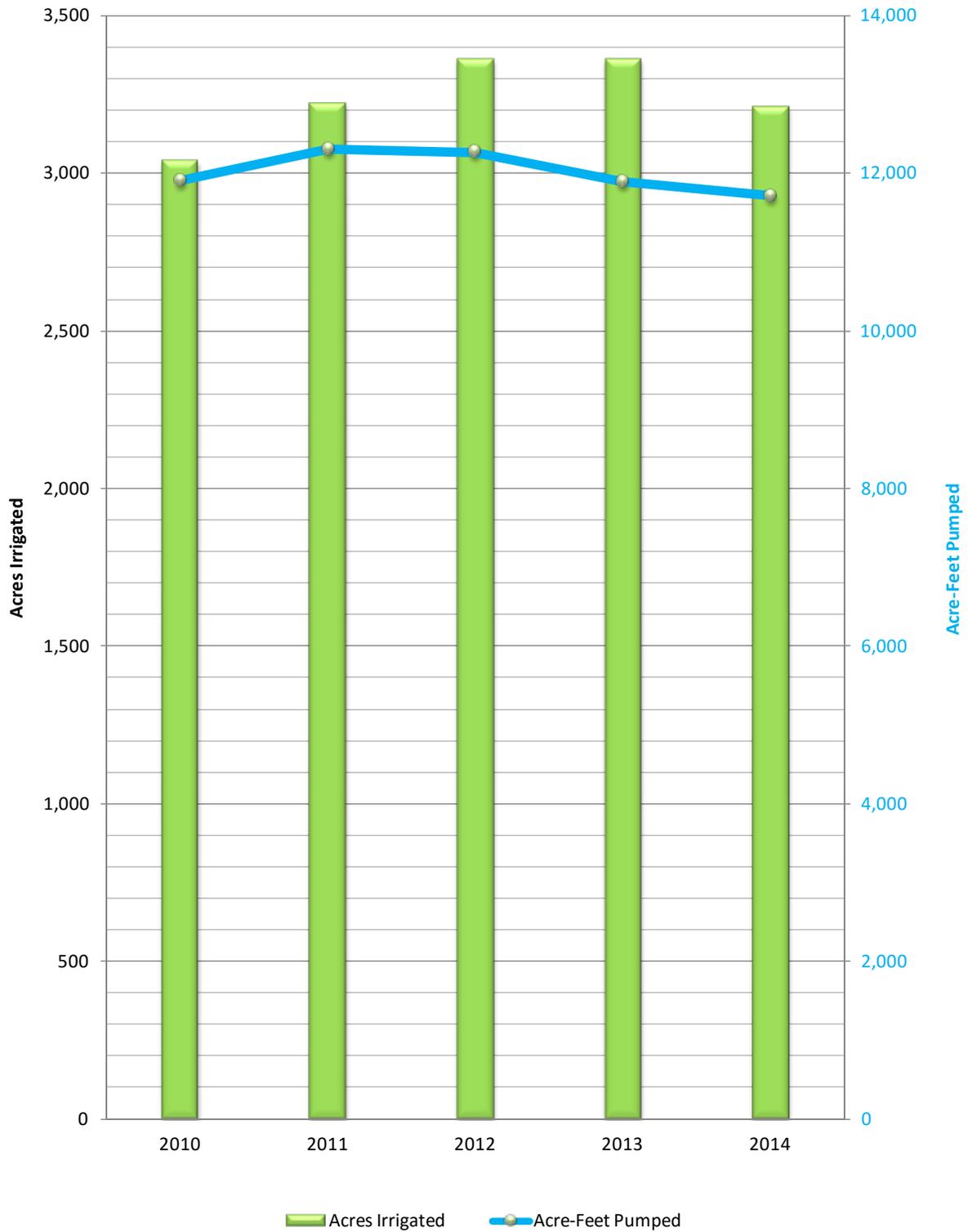


Figure 3. Graph showing Lower Reese River Valley historical irrigated acreage and pumpage. The NIWR method to estimate pumpage was used starting in 2014; estimates may differ significantly from previous years.

APPENDIX A. 2014 LOWER REESE RIVER 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. |
| Supplementally 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. |
| Supplementally 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. A “-“ in this field indicates that pumpage was attributed to a senior supplemental permit or certificated 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. A “-“ in this field indicates that pumpage was attributed to a senior supplemental permit or certificated water right. |
| 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. |

Crop Inventory and Groundwater Pumpage Inventory from Irrigation - Lower Reese River Valley, Basin 059 2014

| App | Status | QQ | Q | Sec | Twn | Rng | Sup | Supplemental Application Number | Permitted Acres | Supplementally Adjusted Permitted Acres | Permitted Duty Acre-Feet | Units | Supplementally Adjusted Duty Acre-Feet | Owner of Record | Crop Type | Crop NIWR (ft) | Irrigation Method | Irrigation Efficiency (%) | Irrigated Acres | Acre-Feet Pumped | Remarks |
|--------|--------|----|------|-----|-----|-----|-----|---------------------------------|-----------------|---|--------------------------|-------|--|--------------------------------------|----------------|----------------|-------------------|---------------------------|-----------------|------------------|------------|
| 82099 | PER | NE | NW | 13 | 29N | 43E | Y | 20146 20147 33139 80507 | 129.12 | 971.75 | 516.48 | AFA | 3887.04 | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFA |
| 20146 | CER | NW | NE | 14 | 29N | 43E | Y | 20147 33139 35215 80507 | 398.00 | | 655.47 | AFS | | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | 7/8 pivot | 85% | 110.00 | 388.24 | AFS |
| 20147 | CER | NE | NE | 13 | 29N | 43E | Y | 20146 33139 35215 80507 | 492.50 | | 1545.79 | AFS | | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | flood | 60% | 173.00 | 865.00 | AFS |
| 33139 | CER | SE | NE | 13 | 29N | 43E | Y | 20146 20147 35215 80507 | 398.10 | | 1592.40 | AFS | | FILIPPINI, HENRY JR. | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFS |
| 80507 | PER | SE | SW | 12 | 29N | 43E | Y | 20146 20147 35215 33139 | 222.42 | | 830.34 | | | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFS |
| | | | | | | | | | | | | | | | | | Total | | 661.00 | 2587.35 | AFS |
| 25039 | CER | SW | SW | 16 | 29N | 43E | | | 153.40 | 153.40 | 613.60 | AFA | 613.60 | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | 1 pivot | 85% | 126.00 | 444.71 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 444.71 | AFA |
| 77789 | PER | NW | NW | 16 | 29N | 43E | Y | 74392 74393 74924 77790 | 46.69 | 127.64 | 186.70 | | 510.56 | HANK & MARIAN FILIPPINI FAMILY TRUST | grass hay | 2.9 | pivot | 85% | -- | -- | AFA |
| 77790 | PER | SW | SW | 16 | 29N | 43E | Y | 74392 74393 77789 74924 | 32.66 | | 77.40 | | | HANK & MARIAN FILIPPINI FAMILY TRUST | grass hay | 2.9 | pivot | 85% | -- | -- | AFA |
| 74924 | PER | NW | NW | 16 | 29N | 43E | Y | 74392 74393 77789 77790 | 66.04 | | 264.14 | | | HANK & MARIAN FILIPPINI FAMILY TRUST | grass hay | 2.9 | pivot | 85% | 0.00 | 0.00 | AFA |
| 74392 | PER | NW | NW | 16 | 29N | 43E | Y | 74393 74924 77789 77790 | 68.96 | | 137.93 | AFA | | HANK & MARIAN FILIPPINI FAMILY TRUST | grass hay | 2.9 | pivot | 85% | 0.00 | 0.00 | AFA |
| 74393 | PER | NW | NW | 16 | 29N | 43E | Y | 74392 74924 77789 77790 | 68.96 | | 137.93 | AFA | | HANK & MARIAN FILIPPINI FAMILY TRUST | grass hay | 2.9 | pivot ne4 sec | 85% | 126.00 | 429.88 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 429.88 | AFA |
| 48899 | CER | NW | NW | 16 | 29N | 43E | | | 127.08 | 127.08 | 508.32 | AFA | 508.32 | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 444.71 | AFA |
| 77970 | PER | SW | SW | 16 | 29N | 43E | Y | 77971 77972 | 53.32 | 135.00 | 213.26 | | 540.00 | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | -- | -- | AFA |
| 77971 | PER | SW | SW | 16 | 29N | 43E | Y | 77970 77972 | 53.32 | | 213.26 | | | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | -- | -- | AFA |
| 77972 | PER | SW | SW | 16 | 29N | 43E | Y | 77970 77971 | 81.68 | | 326.74 | | | HANK & MARIAN FILIPPINI FAMILY TRUST | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 444.71 | AFA |
| 57580 | CER | SW | NW | 28 | 29N | 43E | Y | 57581 | 251.04 | 251.04 | 502.07 | AFA | 1004.14 | HANK & MARIAN FILIPPINI FAMILY TRUST | past grass | 3.1 | pivot | 85% | 125.50 | 457.71 | AFA |
| 57581 | CER | SW | NW | 28 | 29N | 43E | Y | 57580 | 251.04 | | 502.07 | AFA | | HANK & MARIAN FILIPPINI FAMILY TRUST | past grass | 3.1 | pivot | 85% | 125.50 | 457.71 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 251.00 | 915.41 | AFA |
| 78616 | PER | NW | SW | 36 | 30N | 43E | Y | 78614 78615 V01563 | 0.00 | 510.50 | 451.00 | AFA | 1891.00 | FILIPPINI, DANIEL E. & EDDYANN U. | corn + alf | 3 | full pivot + 1/4 | 85% | 164.20 | 579.53 | AFA |
| 78614 | PER | | LT2 | 6 | 29N | 44E | Y | 78615 78616 V01563 | 0.00 | | 1220.80 | AFA | | FILIPPINI, DANIEL E. & EDDYANN U. | grass | 2.9 | 2 pivots | 85% | 236.30 | 806.20 | AFA |
| 78615 | PER | | LT01 | 6 | 29N | 44E | Y | 78614 78616 V01563 | 0.00 | | 1440.00 | AFA | | FILIPPINI, DANIEL E. & EDDYANN U. | alfalfa | 3 | 1 full piv+1 3- | 85% | 170.00 | 600.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 570.50 | 1891.00 | AFA |
| 23448 | CER | SE | SE | 24 | 30N | 43E | | | 89.37 | 89.37 | 357.48 | AFA | 357.48 | FILIPPINI, DANIEL AND EDDYANN | alfalfa & past | 3 | flood | 60% | 89.37 | 446.85 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 89.37 | 446.85 | AFA |
| 19091 | CER | SW | NW | 4 | 30N | 45E | | 19091 25834 78213 V01252 | 265.50 | 285.32 | 425.72 | AFA | 1141.28 | JULIAN TOMERA RANCHES, INC. | alfalfa & hay | 3 | flood | 60% | 120.00 | 600.00 | AFA |
| 25834 | CER | SE | NE | 5 | 30N | 45E | | 1380 and 6977 partially | 240.00 | | 508.00 | AFA | | JULIAN TOMERA RANCHES, INC. | alfalfa & hay | 3 | wheel line | 75% | 40.00 | 160.00 | AFA |
| 78213 | PER | SW | NW | 4 | 30N | 45E | | supplemental to each other | 265.50 | | 636.28 | | | JULIAN TOMERA RANCHES, INC. | alfalfa & hay | 3 | flood | 60% | 125.00 | 625.00 | AFA |
| 80889 | PER | SE | NE | 5 | 30N | 45E | | 19091 25834 78213 | 240.00 | | 452.00 | | | JULIAN TOMERA RANCHES, INC. | alfalfa & hay | 3 | n/a | n/a | -- | -- | AFA |
| | | | | | | | | | | | | | | | | | Total | | 285.00 | 1141.28 | AFA |
| V05817 | VST | NE | SW | 18 | 30N | 45E | | | 0.00 | 0.00 | 400.00 | AFA | 400.00 | JULIAN TOMERA RANCHES, INC. | pasture | 3.1 | pivot | 85% | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 0.00 | 0.00 | AFA |
| V05818 | VST | SE | SW | 18 | 30N | 45E | | | 0.00 | 0.00 | 400.00 | AFA | 400.00 | JULIAN TOMERA RANCHES, INC. | pasture | N/A | not pumped, | N/a | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 0.00 | 0.00 | AFA |

Crop Inventory and Groundwater Pumpage Inventory from Irrigation - Lower Reese River Valley, Basin 059 2014

| App | Status | QQ | Q | Sec | Twn | Rng | Sup | Supplemental Application Number | Permitted Acres | Supplementally Adjusted Permitted Acres | Permitted Duty Acre-Feet | Units | Supplementally Adjusted Duty Acre-Feet | Owner of Record | Crop Type | Crop NIWR (ft) | Irrigation Method | Irrigation Efficiency (%) | Irrigated Acres | Acre-Feet Pumped | Remarks |
|--------|--------|-----|------|-----|-----|-----|-----|---------------------------------|---------------------|---|--------------------------|-------|--|-----------------------------|-------------|----------------|---------------------|---------------------------|-----------------|------------------|------------|
| 28668 | CER | SW | SW | 9 | 31N | 45E | | | 18.02 | 18.02 | 72.08 | AFA | 72.08 | BEEBE, THOMAS R. | pasture+dom | 3 | x set sprinkler | 75% | 4.00 | 16.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 4.00 | 16.00 | AFA |
| 78249 | PER | LOT | 0 | 6 | 31N | 45E | | | 420.00 | 420.00 | 533.56 | | 1517.50 | DIV | alfalfa | 3 | | | -- | -- | AFA |
| 78252 | PER | NE | SE | 36 | 31N | 45E | | | 420.00 | | 184.04 | | | DIV | alfalfa | 3 | w. line | 75% | 183.00 | 732.00 | AFA |
| 78253 | PER | SW | NW | 31 | 31N | 45E | | | 420.00 | | 239.88 | | | DIV | alfalfa | 3 | pivot | 85% | 167.00 | 589.41 | AFA |
| 78254 | PER | SW | NE | 36 | 31N | 45E | | | 420.00 | | 560.00 | AFA | | DIV | alfalfa | 3 | flood | 60% | 70.00 | 350.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 420.00 | 1517.50 | AFA |
| 45558 | CER | NE | SE | 4 | 31N | 46E | Y | 45560 | 126.66 | 126.66 | 506.64 | AFA | 506.64 | BENGOA, SONNY C. & MARY C. | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFA |
| 45560 | CER | NE | SE | 4 | 31N | 46E | Y | 45558 | 126.66 | | 506.64 | AFA | | BENGOA, SONNY C. & MARY C. | alfalfa | 3 | pivot | 85% | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 444.71 | AFA |
| 45559 | CER | SE | NE | 4 | 31N | 46E | Y | 45561 | 126.66 | 126.66 | 506.64 | AFA | 506.64 | BENGOA, SONNY C. & MARY C. | alfalfa | 3 | pivot | 85% | 126.00 | 444.71 | AFA |
| 45561 | CER | SE | NE | 4 | 31N | 46E | Y | 45559 | 126.66 | | 506.64 | AFA | | BENGOA, SONNY C. & MARY C. | alfalfa | 3 | pivot | 85% | -- | -- | AFA |
| | | | | | | | | | | | | | | | | | Total | | 126.00 | 444.71 | AFA |
| 45092 | CER | | LT04 | 30 | 31N | 46E | | | 74.50 | 74.50 | 298.00 | AFA | 298.00 | MITCHEL, MICHAEL C. | alfalfa | 3 | w. lines | 75% | 42.90 | 171.60 | AFA |
| | | | | | | | | | | | | | | | alfalfa | 3 | 3T pivot | 85% | 23.10 | 81.53 | |
| | | | | | | | | | | | | | | | | | Total | | 42.90 | 253.13 | AFA |
| 25246 | CER | | LT02 | 31 | 31N | 46E | | | 3.03 | 3.03 | 12.12 | AFA | 12.12 | JULIAN TOMERA RANCHES, INC. | alfalfa | 3 | w.lines | 75% | 1.50 | 6.00 | AFA |
| | | | | | | | | | | | | | | | alfalfa | 3 | flood | 60% | 1.50 | 7.50 | |
| | | | | | | | | | | | | | | | | | Total | | 1.50 | 12.12 | AFA |
| 26483 | CER | NE | SE | 17 | 32N | 45E | Y | Humboldt Proof 00173 | 33.94 | 33.94 | 135.76 | AFS | 135.76 | WELCH, ADAM W & GENEVA | meadow hay | 2.3 | | N/A | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | | N/A | 0.00 | 0.00 | AFA |
| 30633 | CER | NW | SE | 30 | 32N | 45E | | | 137.20 | 137.20 | 548.80 | AFA | 548.80 | NEGRO, BART E., DONALD R. | no crop | N/A | pivot | 85% | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 0.00 | 0.00 | AFA |
| 30634 | CER | SW | SW | 30 | 32N | 45E | | | 128.50 | 128.50 | 514.00 | AFA | 514.00 | NEGRO, BART E., DONALD R. | alfalfa | 3 | pivot | 85% | 128.50 | 453.53 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 128.50 | 453.53 | AFA |
| V05778 | VST | SW | NW | 16 | 32N | 45E | | Proofs 164,165,164 | 100.00 | 100.00 | 300.00 | | 300.00 | JULIAN TOMERA RANCHES, INC. | pasture | N/A | not pumped, | N/A | 0.00 | 0.00 | AFA |
| | | | | | | | | | | | | | | | | | Total | | 0.00 | 0.00 | AFA |
| | | | | | | | | | GRAND TOTAL: | 3819.61 | | | 15664.96 | | | | GRAND TOTAL: | | 3209.77 | 11887.59 | AFA |