

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

ADAM SULLIVAN, P.E.
STATE ENGINEER



TRACY SEGMENT
HYDROGRAPHIC BASIN 6-083

GROUNDWATER PUMPAGE INVENTORY

WATER YEAR 2020

Prepared by: Melissa M. Marr

TABLE OF CONTENTS

| | Page |
|---|------|
| ABSTRACT..... | 1 |
| HYDROGRAPHIC BASIN SUMMARY | 2 |
| PURPOSE AND SCOPE..... | 3 |
| DESCRIPTION OF THE STUDY AREA | 3 |
| GROUNDWATER LEVELS | 3 |
| METHODS TO ESTIMATE PUMPAGE | 4 |
| TABLES | 5 |
| FIGURES..... | 6 |
| APPENDIX A. TRACY SEGMENT 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER | 10 |
| APPENDIX B. TRACY SEGMENT HISTORICAL PUMPAGE BY POINT OF DIVERSION | 18 |

LIST OF TABLES

| | Page |
|---|------|
| Table 1. Tracy Segment historical pumpage (acre-feet) by water year. | 5 |

LIST OF FIGURES

| | Page |
|---|------|
| Figure 1. Physiographic map of Tracy Segment (Hydrographic Basin 6-083). | 6 |
| Figure 2. Tracy Segment groundwater level measurement sites. | 7 |
| Figure 3. Tracy Segment historical pumpage by manner of use..... | 8 |
| Figure 4. Percentage of 2020 groundwater pumpage by manner of use..... | 8 |
| Figure 5. Comparison between 2020 groundwater commitments and estimated pumpage | 9 |

ABSTRACT

This inventory presents the status and pumpage of all permitted, certificated, claims of vested groundwater rights, and exempt domestic wells located within Tracy Segment, Hydrographic Basin 6-083, for water year 2020 (October 1, 2019 through September 30, 2020). Also included for summary purposes are graphs and data associated with this use.

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

For water year 2020, the committed groundwater resource totaled 12,759 acre-feet, with estimated pumpage of **4,434 acre-feet**. This includes an estimated 761 acre-feet pumped by exempt domestic wells.

Municipal & quasi-municipal was the largest manner of use within the basin. For water year 2020, pumpage for municipal/quasi-municipal use totaled 2,770 acre-feet, with appropriations totaling 7,813 acre-feet, including (an estimated) 1,000 acre-feet of non-permitted quasi-municipal rights as diverted by the Pyramid Lake Paiute Tribe. The second largest manner of use was industrial, with an estimated total pumpage of 800 acre-feet and appropriations totaling 1,693 acre-feet.

HYDROGRAPHIC BASIN SUMMARY

| | |
|---------------------------------------|-----------------------------|
| HYDROGRAPHIC BASIN NUMBER | 083, REGION 6 |
| HYDROGRAPHIC BASIN NAME | TRACY SEGMENT |
| COUNTIES | STOREY, WASHOE, LYON |
| MAJOR COMMUNITIES | LOCKWOOD, WADSWORTH |
| DESIGNATED | YES |
| DENIALS BASED UPON WATER AVAILABILITY | IRRIGATION, QUASI-MUNICIPAL |
| GROUNDWATER LEVEL MEASUREMENTS | TRI GRID |
| PUMPAGE INVENTORY, ACRE-FEET IN 2020 | 4,434 ¹ |

STATE ENGINEER'S ORDERS
[NO. 705 – DESIGNATION](#) DATE: MARCH 1, 1978

| | | |
|--|----------------------------|-----------------------|
| COMMITTED GROUNDWATER RESOURCE ² : 12,759 ACRE-FEET | | DATE: OCTOBER 2020 |
| COMMERCIAL 405 | DOMESTIC 1,522 | INDUSTRIAL..... 1,693 |
| IRRIGATION..... 642 | MINING & MILLING 656 | MUNICIPAL 2,954 |
| QUASI-MUNICIPAL 4,858 | STOCKWATER..... 29 | |

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

² Committed groundwater resource data are accurate for October 2020. Manner of use category totals vary over time, as rights are not static. Rights may be subject to change applications, certification, relinquishments, withdrawals, forfeiture and cancellations; each of these circumstances could affect the duty, diversion rate and acreage associated with a given right. The value associated with each manner of use category does not include the amount relinquished in support of domestic wells. A query of the NDWR Well Log Database indicates that 761 domestic wells existed in the basin during water year 2020. This query is assumed to represent both appropriations and exempt domestic wells. The committed domestic water resource is considered to be 2 acre-feet per domestic well, or 1,522 acre-feet annually.

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 Tracy Segment during water year 2020. This report estimates the amount of groundwater pumped under the permits and certificates issued by the State Engineer, claims of vested right, as well as the amount pumped by exempt domestic wells within the basin.

DESCRIPTION OF THE STUDY AREA

Tracy Segment is located in northwest Nevada and lies wholly within the state. The basin occupies approximately 285 square miles and covers parts of Storey, Washoe, and Lyon Counties; the majority of the basin lies within Storey County (Figure 1).

Tracy Segment is bounded on the south by the Virginia Range and on the north by the Pah Rah Range. The adjacent hydrographic basins are Warm Springs Valley (6-084) to the north, Dodge Flat (6-082) to the northeast, Fernley Area (5-076) to the east, Churchill Valley (8-102) to the southeast, Dayton Valley (8-103) to the south, Truckee Meadows (6-087) to the west, and Spanish Springs Valley (6-085) to the northwest. The boundary of the Tracy Segment Hydrographic Basin is as described by Designation Order 705, issued by the Nevada State Engineer March 1, 1978.

The dominant hydrologic feature of Tracy Segment is the Truckee River. The Truckee River flows from its headwaters in the Sierra Nevada through the Truckee Canyon Segment, Truckee Meadows, Tracy Segment, and Dodge Flat before discharging to the terminal Pyramid Lake. The river flows from west to east through the Tracy Segment. Tributaries to the Truckee River in this basin are ephemeral and only reach the river in times of high flow.

Streamflow in the Truckee River and tributary streams are measured by the United States Geological Survey (USGS) and various local government entities operating under the Truckee River Operating Agreement (TROA), as managed by the Federal Water Master. USGS operates six streamflow gaging stations in Tracy Segment. Data from these gages can be accessed at <http://nevada.usgs.gov/>.

GROUNDWATER LEVELS

Depths to groundwater in Tracy Segment are not measured by NDWR but are reported by other entities. Data for active monitoring well sites (Figure 2) can be found on NDWR's website at <http://water.nv.gov/WaterLevelData.aspx>, or via the Nevada Hydrology Data Mapping Application, accessible at <http://water.nv.gov/mapping.aspx>. Groundwater level data are also collected by the USGS and may be accessed through their website at <https://waterdata.usgs.gov/nv/nwis/gw>.

METHODS TO ESTIMATE PUMPAGE

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

- Where totalizing meters were in place, meter readings were taken and compared with previous data (if available).
- Where 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/Evapotranspiration.aspx>.
- Where meters were not present, previous data were not available, and the manner of use was not irrigation, pumpage was estimated by applying the annual duty associated with the certificate (if the water right was perfected), permit or claim, if the use was as described in the certificate, permit or claim. If the use was not as described in the certificate, permit or claim, a value was estimated based upon the circumstances of use for the subject year.
- 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 Tracy Segment, or 761 acre-feet.

TABLES

Table 1. Tracy Segment historical pumpage (acre-feet) by water year.

| YEAR | COM | DOM | IND | IRR | MM | MUN/QM | STK | TOTAL |
|-------------|------------|------------|------------|------------|-----------|---------------|------------|--------------|
| 2017 | 117 | 730 | 1,046 | 0 | 5 | 3,331 | 9 | 5,238 |
| 2018 | 93 | 740 | 1,041 | 0 | 6 | 2,614 | 9 | 4,503 |
| 2019 | 44 | 753 | 806 | 0 | 6 | 2,395 | 9 | 4,012 |
| 2020 | 94 | 761 | 800 | 0 | 0 | 2,770 | 9 | 4,434 |

FIGURES

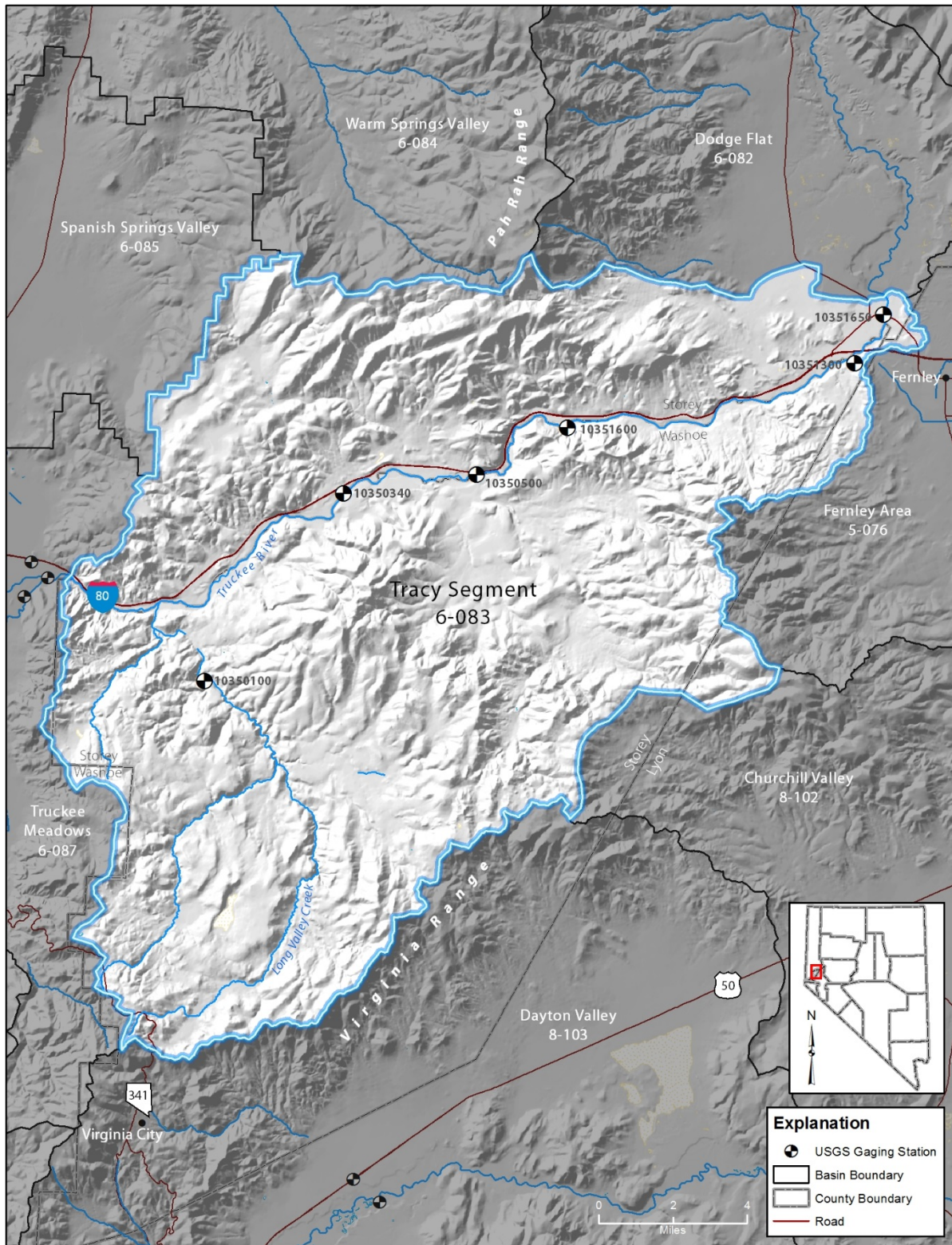


Figure 1. Physiographic map of Tracy Segment (Hydrographic Basin 6-083).



Figure 2. Tracy Segment groundwater level measurement sites.

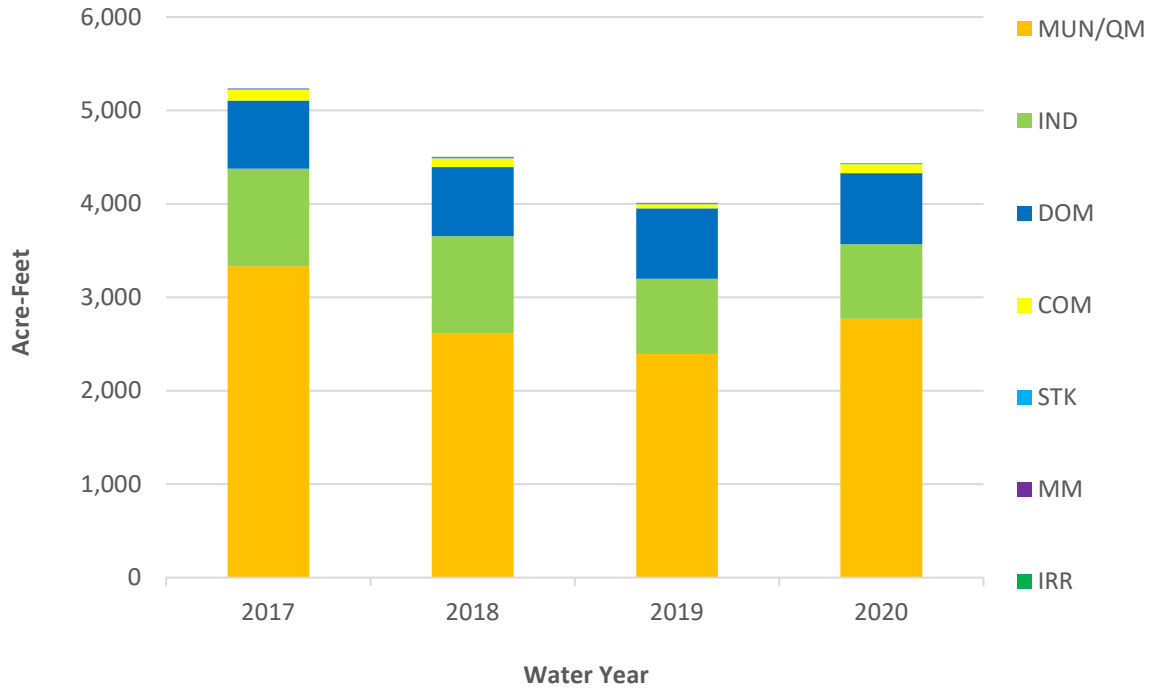


Figure 3. Tracy Segment historical pumpage by manner of use.

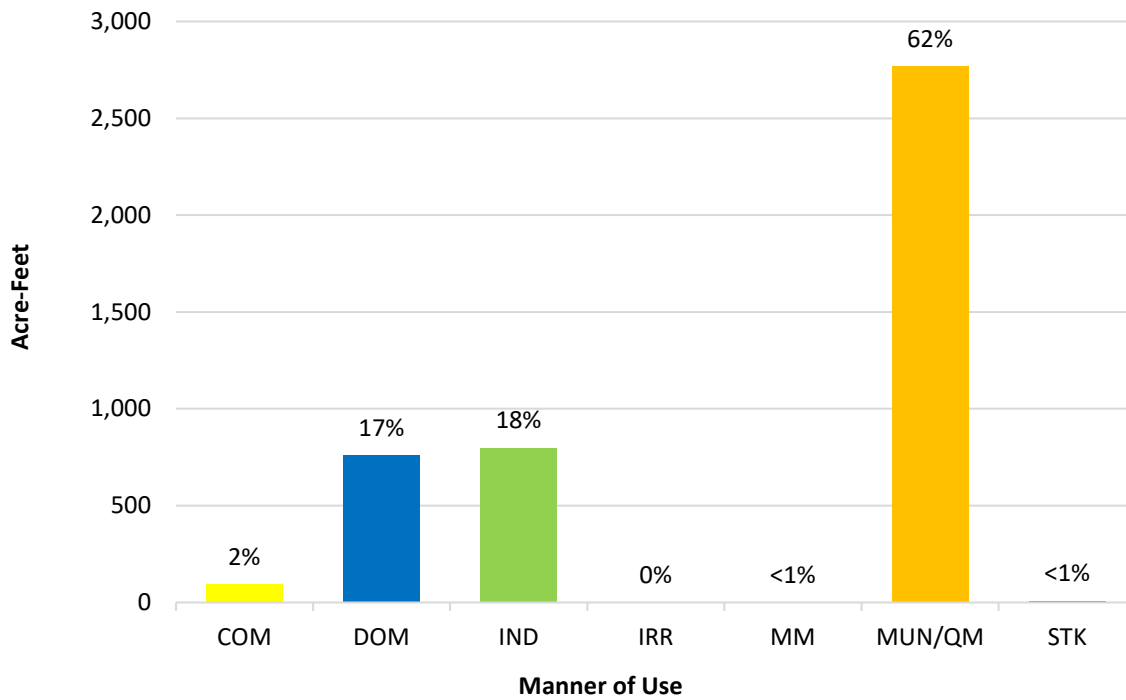


Figure 4. Percentage of 2020 groundwater pumpage by manner of use.

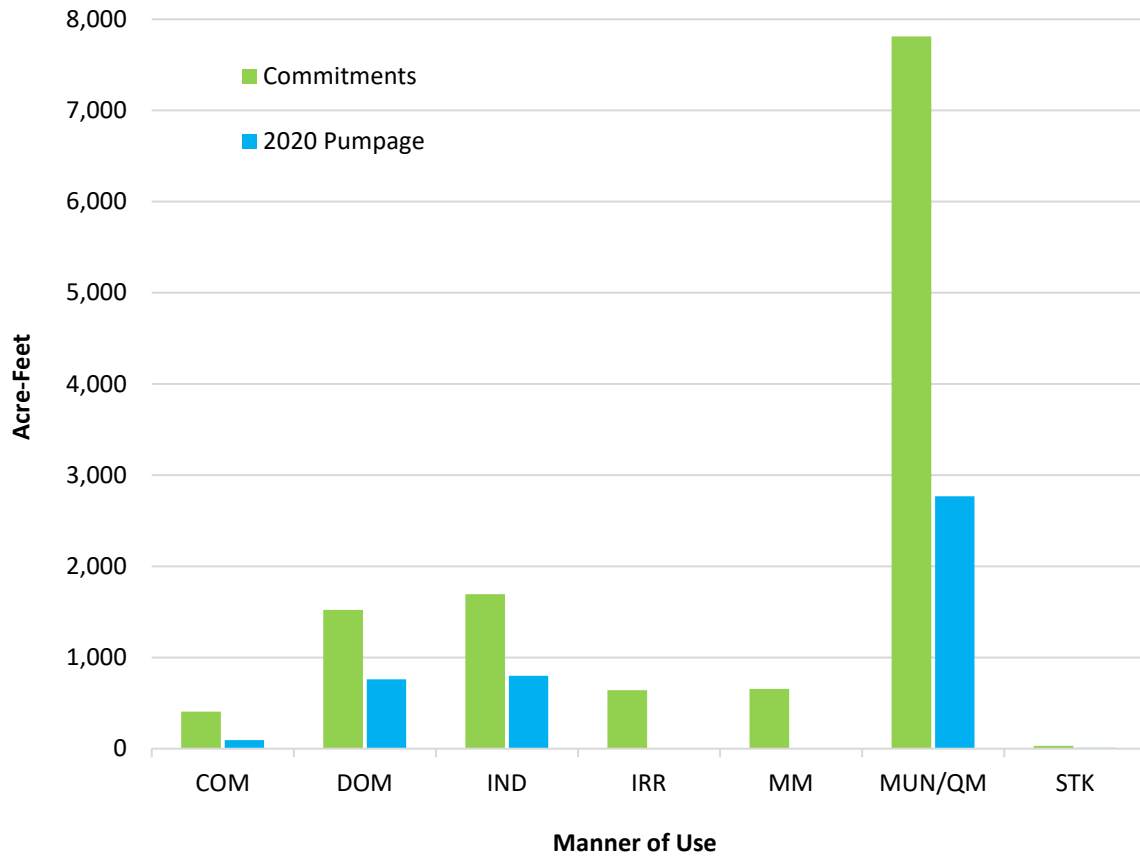


Figure 5. Comparison between 2020 groundwater commitments and estimated pumpage.

**APPENDIX A. TRACY SEGMENT 2020 GROUNDWATER PUMPAGE BY
APPLICATION NUMBER**

EXPLANATION OF COLUMN HEADINGS FOR GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| | |
|-----------------|---|
| APP NO. | The file number of the Application to Appropriate/Change Water. |
| SITE NAME | An ID assigned to each well, based on its geographic location. |
| STATUS | Indicates if the application is a permit (PER), claim of vested right (VST), or if it has been certificated. For certificated applications, the certificate number will be listed in the column. |
| MOU | The manner of use of the appropriated water. MOU's may include: 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 |
| OWNER OF RECORD | The owner of the water right as recorded in the files of the State Engineer. A water right may have more than one owner of record. |
| QQ | The quarter quarter of the Section in which the point of diversion is located. |
| Qtr | The quarter of the Section in which the point of diversion is located. |
| Sec | The Section in which the point of diversion is located. |
| T | The Township in which the point of diversion is located. |
| R | The Range in which the point of diversion is located. |
| PER. ACRES | The number of acres that are permitted to be irrigated. |
| DUTY (AF) | The number of acre-feet of water that the permittee may pump annually. One acre-foot equals 325,851 gallons. |
| SUPP ADJ | The total combined duty of a supplemental group. Where more than one permit is appurtenant to the same place of use, the permits are considered supplemental. Permits may be either completely or partially supplemental. |
| DUTY USED | The amount of water used during the water year, in acre-feet, as determined by review of records and/or field investigation. A "--" in this field indicates that pumpage was attributed to a senior supplemental permit or certificated water right. |
| UNIT | Acre-feet annually (AFA) and acre-feet seasonally (AFS). AFS limits water usage to certain months of the year. |
| SUPP SRC | When more than one source is appurtenant to the same place of use, the sources are considered supplemental. A "Y" in this column signifies the groundwater right is supplemental to other groundwater rights. |
| SUPP GW APP NO. | The file number(s) of any supplemental groundwater appropriations. |

- METHOD The method used to estimate pumpage, or duty used.
- D – Duty.
 - E – Estimated use based on field investigation observations.
 - M – Meter reading on a totalizing meter.
 - N – Acreage multiplied by the Net Irrigation Water Requirement (NIWR) for the crop grown in the basin divided by the efficiency of the irrigation method.
 - P – Water from the point of diversion not delivered to the place of use.
 - R – Reported pumpage.
 - X – Works of diversion are unequipped or non-functioning.
 - Z – Works of diversion not yet constructed.

083 TRACY SEGMENT

WATER YEAR 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| APP NO. | SITE NAME | STATUS | MOU | OWNER OF RECORD | QQ | QTR | SEC | T | R | ACRES PER | DUTY (AF) | SUPP ADJ | DUTY USED | UNIT | SUPP SRC | SUPP GW APP NO. | METHOD |
|---------|---------------------|--------|-----|--|-----|-----|-----|-----|-----|-----------|-----------|----------|-----------|------|----------|----------------------------|--------|
| 17335 | 083 N19 E21 09DDDB1 | 5378 | MM | EP Minerals, LLC | NW | NE | 35 | 20N | 22E | | 55.02 | 55.02 | 0.36 | AFA | | | R |
| 19042 | 083 N19 E21 09DDDB1 | 5532 | DOM | Grand Slam Enterprises, LLC | SE | SE | 9 | 19N | 21E | | 1.90 | 1.90 | 1.90 | AFA | | | E |
| 19862 | 083 N20 E22 35ABBA1 | 5775 | MM | TRI GID | NW | NE | 9 | 20N | 22E | | 220.80 | 220.80 | 0.00 | AFA | | | R |
| 24642 | 083 N19 E21 09DAAD1 | 8235 | IND | Reno Disposal Company | NE | NE | 9 | 19N | 21E | | 10.74 | 10.74 | 13.95 | AFA | | | R |
| 25354 | 083 N20 E22 33ABCB1 | 8237 | IND | Arcadia Air Products Company, Inc. | NW | NE | 33 | 20E | 22E | | 5.58 | 5.58 | 5.58 | AFA | | | D |
| 26132 | 083 N19 E21 17DDDB1 | 8760 | QM | Fred G. Manha | SE | SE | 17 | 19N | 21E | | 4.02 | 4.02 | 0.00 | AFA | | | E |
| 27087 | 083 N20 E22 35ABCA1 | 8279 | MM | EP Minerals, LLC | NW | NE | 35 | 20N | 22E | | 62.91 | 62.91 | 0.05 | AFA | | | R |
| 27294 | 083 N20 E24 04CDAD1 | 8569 | STK | Depaoli Brothers | SE | SW | 4 | 20N | 24E | | 4.48 | 4.48 | 0.11 | AFA | | | E |
| 28054 | 083 N20 E22 33ABCB1 | 9207 | IND | SPPC | NW | NE | 33 | 20N | 22E | | 310.00 | 422.22 | 285.87 | AFA | Y | 60080 | R |
| 29231 | 083 N19 E21 02CABC1 | 9651 | STK | TRI GID | NE | SW | 2 | 19N | 21E | | 4.48 | 4.48 | 0.00 | AFA | | | R |
| 29866 | 83 N20 E24 04DDDD1 | 9003 | QM | USA In Trust for the Pyramid Lake Paiute Tribe | SE | SE | 4 | 20N | 24E | | 7.06 | 7.06 | 7.06 | AFA | | | D |
| 29867 | 083 N20 E24 03CCBD1 | 10466 | IRR | USA In Trust for the Pyramid Lake Paiute Tribe | SW | SW | 3 | 20N | 24E | | 221.20 | 448.20 | 0.00 | AFA | Y | 45553 | E |
| 30177 | 083 N20 E22 32AABA1 | 10150 | MM | SPPC | NE | NE | 32 | 20N | 22E | | 317.32 | 317.32 | 0.00 | AFA | | | R |
| 31149 | 083 N19 E21 01AABC1 | 9573 | QM | TRI GID | NE | NE | 1 | N19 | E21 | | 3.36 | 3.36 | 0.00 | AFA | | | E |
| 31285 | 083 N19 E22 06BBAC1 | 9655 | QM | TRI G.I.D. | NW | NW | 6 | 19N | 22E | | 2.24 | 2.24 | 0.00 | AFA | | | E |
| 34924 | 083 N20 E24 04CBBB1 | 9863 | IRR | Pyramid Lake Paiute Tribe | NW | SW | 4 | 20N | 24E | | 6.00 | 6.00 | 0.00 | AFA | | | E |
| 35581 | 083 N20 E24 08ACBB1 | PER | QM | TMWA | SW | NE | 8 | 20N | 24E | | 57.50 | 57.50 | 0.03 | AFA | Y | 35582 | R |
| 35582 | 083 N20 E24 08BDAA1 | PER | QM | TMWA | SE | NW | 8 | 20N | 24E | | 57.50 | | 15.73 | AFA | Y | 35581 | R |
| 36918 | 083 N19 E21 16DBDD1 | 12517 | QM | Canyon General Improvement District | NW | SE | 16 | 19N | 21E | | 16.28 | 39.73 | 4.15 | AFA | Y | 50534, 50535, 50538 | M |
| 43626 | 083 N19 E21 17DCCB1 | 13470 | COM | Triple M Cattle Co. | SW | SE | 17 | 19N | 21E | | 55.36 | 55.36 | 6.45 | AFA | | | M |
| 44444 | 083 N20 E24 18BCDD1 | 13804 | COM | Nevada-Department of Transportation | SW | NW | 18 | 20N | 24E | | 7.18 | 7.18 | 7.18 | AFA | | | D |
| 45275 | 083 N20 E24 03DCAC1 | 11904 | IND | Smith, Lee | SW | SE | 3 | 20N | 24E | | 1.18 | 11.37 | 0.00 | AFA | Y | 46536, 53379, 53820, 54195 | E |
| 45313 | 083 N19 E21 16DBDD1 | 19600 | QM | Joseph Peri Family Trust and James L. Peri Trust | NW | SE | 16 | 19N | 21E | | 10.00 | 10.00 | 2.54 | AFA | | | M |
| 45508 | 083 N20 E24 04CBBB1 | 10778 | IRR | Pyramid Lake Tribe of Indians | NW | SW | 4 | 20N | 34E | | 187.60 | 187.60 | 0.00 | AFA | | | E |
| 45553 | 083 N20 E24 03CACD1 | 11062 | IRR | USA In Trust for the Pyramid Lake Paiute | NE | SW | 3 | 20N | 24E | | 227.00 | | 0.00 | AFA | Y | 29867 | E |
| 45988 | 083 N19 E21 16AADC1 | 11641 | COM | Bee Telephone Company of Nevada | NE | NE | 16 | 19N | 21E | | 0.03 | 0.03 | 0.03 | AFA | | | D |
| 46536 | 083 N20 E24 03DBBA1 | 11906 | IND | Smith, Lee | NW | SE | 3 | 20N | 24E | | 0.98 | | 0.00 | AFA | Y | 45275, 53379, 53820, 54195 | E |
| 47361 | 083 N20 E23 04ABCA1 | 11972 | STK | BLM | LT0 | | 4 | 20N | 23E | | 7.18 | 7.18 | 0.00 | AFA | | | E |
| 48984 | 083 N20 E24 08CCCC1 | 12800 | QM | Bouma, Dortha M | SW | SW | 8 | 20N | 24E | | 4.48 | 4.48 | 4.04 | AFA | | | E |
| 50373 | 083 N18 E22 06CDBB1 | 14234 | QM | Virginia Highlands | LT0 | | 6 | 18N | 22E | | 7.15 | 7.15 | 2.00 | AFA | | | E |

083 TRACY SEGMENT

WATER YEAR 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| APP NO. | SITE NAME | STATUS | MOU | OWNER OF RECORD | QQ | QTR | SEC | T | R | ACRES PER | DUTY (AF) | SUPP ADJ | DUTY USED | UNIT | SUPP SRC | SUPP GW APP NO. | METHOD |
|---------|----------------------|--------|-----|--|----|-----|-----|-----|-----|-----------|-----------|----------|-----------|------|----------|----------------------------|--------|
| 50465 | 083 N19 E21 21ACBC1 | 13114 | IND | Refuse, Inc. | SW | NE | 21 | 19N | 21E | | 0.72 | 0.72 | 0.00 | AFA | | | E |
| 50533 | 083 N19 E21 16CDAA1 | 18224 | QM | Storey County | SE | SW | 16 | 19N | 21E | | 14.64 | 14.64 | 7.44 | AFA | | | R |
| 50534 | 083 N19 E21 16CDAA1 | 13476 | QM | Canyon General Improvement District | SE | SW | 16 | 19N | 21E | | 4.30 | | 0.05 | AFA | Y | 36918, 50535, 50538 | R |
| 50535 | 083 N19 E21 16CDAA1 | 15059 | QM | Canyon General Improvement District | SE | SW | 16 | 19N | 21E | | 12.92 | | 0.05 | AFA | Y | 36918, 50534, 50538 | R |
| 50536 | 083 N19 E21 15ABCA1 | 13477 | QM | U.S.A. | NW | NE | 15 | 19N | 21E | | 10.00 | 20.00 | 0.00 | AFA | Y | 50537 | X |
| 50537 | 083 N19 E21 15ABCD1 | 13478 | QM | U.S.A. | NW | NE | 16 | 19N | 21E | | 10.00 | | 0.00 | AFA | | 50536 | X |
| 50538 | 083 N19 E21 16CDAA1 | 13479 | QM | Canyon General Improvement District | SE | SW | 16 | 19N | 21E | | 9.97 | | 0.05 | AFA | Y | 36918, 50534, 50535 | R |
| 50936 | 083 N20 E22 27CDAD1 | 14161 | COM | Robert L. Helms Const. & Devel. Co. (port.), Washoe County (port.) | SE | SW | 27 | 20N | 22E | | 2.03 | 2.03 | 2.03 | AFA | | | D |
| 51172 | 083 N19 E21 17DDAB1 | PER | QM | Canyon General Improvement District | SE | SE | 17 | 19N | 21E | | 141.17 | 285.68 | 30.62 | AFA | Y | 51173, 69184 | R |
| 51173 | 083 N19 E21 17DDAB1 | PER | QM | Canyon General Improvement District | SE | SE | 18 | 19N | 21E | | 141.17 | | 0.05 | AFA | Y | 51172, 69184 | R |
| 53379 | 083 N20 E24 03DBBA1 | 13064 | IND | Smith, Lee | NW | SE | 3 | 20N | 24E | | 3.74 | | 0.00 | AFA | Y | 45275, 46536, 53820, 54195 | E |
| 53820 | 083 N20 E24 03DCAC1 | 13065 | IND | Smith, Lee | SW | SE | 3 | 20N | 24E | | 2.46 | | 0.00 | AFA | Y | 45275, 46536, 53379, 54195 | E |
| 54195 | 083 N20 E24 03DCAB1 | 13066 | IND | Smith, Lee | SW | SE | 3 | 20N | 24E | | 3.01 | | 0.00 | AFA | Y | 45275, 46536, 53379, 53820 | E |
| 54972 | 083 N19 E21 22CDBD1 | 14268 | IND | Refuse, Inc. | SE | SW | 23 | 19N | 21E | | 3.07 | 143.52 | 2.90 | AFA | | | E |
| 55014 | 083 N19 E21 11CCCA1 | 18708 | IND | Nevada Hydrocarbon, Inc. | SW | SW | 11 | 19N | 21E | | 6.18 | 6.18 | 0.00 | AFA | | | R |
| 57826 | 083 N19 E21 15CBBD1 | PER | QM | Hiatt Land and Development Co. | NW | SW | 15 | 19N | 21E | | 65.00 | 65.00 | 0.00 | AFA | Y | 67149, 77614, 87298 | Z |
| 60080 | 083 N20 E22 33BADB1 | 18419 | IND | SPPC | NE | NW | 33 | 20N | 22E | | 112.22 | | 105.50 | AFA | Y | 28054 | R |
| 60770 | 083 N20 E24 04ACDB1 | 18926 | QM | Smith, Brian A. | SW | NE | 4 | 20N | 24E | | 0.44 | 0.44 | 0.44 | AFA | | | D |
| 60982 | 083 N20 E22 32BCCA1 | 15962 | IND | Mars Petcare US, Inc. | SW | NW | 32 | 20N | 22E | | 70.00 | 70.00 | 17.96 | AFA | | | E |
| 61736 | 083 N20 E22 32DADA1 | PER | QM | Waltham Road Industrial, LLC | NE | NE | 32 | 20N | 22E | | 140.00 | 140.00 | 1.51 | AFA | | | R |
| 61778 | 083 N20 E22 32CAAA1 | PER | QM | TRI G.I.D. | NE | SW | 32 | 20N | 22E | | 206.25 | | 253.53 | AFA | Y | Footnote 1 | R |
| 62256 | 083 N20 E22 36CBCB1 | PER | QM | TRI G.I.D. | NW | SW | 36 | 20N | 22E | | 206.25 | | N/A | AFA | Y | Footnote 1 | Z |
| 62257 | 083 N19 E22 01ADAA1 | PER | QM | TRI G.I.D. | SE | NE | 1 | 19N | 22E | | 206.25 | | N/A | AFA | Y | Footnote 1 | Z |
| 62260 | 083 N20 E22 33DBAA1 | PER | QM | TRI G.I.D. | NW | NE | 33 | 20N | 22E | | 542.98 | | 30.64 | AFA | Y | Footnote 1 | R |
| 62261 | 083 N20 E22 36CDAA1 | PER | QM | TRI G.I.D. | SE | SW | 36 | 20N | 22E | | 542.98 | | 542.98 | AFA | Y | Footnote 1 | R |
| 62262 | 083 N19 E22 01AACCC1 | PER | QM | TRI G.I.D. | NE | NE | 1 | 19N | 22E | | 542.98 | | N/A | AFA | Y | Footnote 1 | Z |
| 62274 | 083 N19 E21 35BBCD1 | 18172 | IND | Storey County Properties, LLC | NW | NW | 35 | 19N | 21E | | 8.72 | 187.21 | 8.72 | AFA | Y | 62275, 63865, 64735 | R |
| 62275 | 083 N19 E21 35BBCD1 | 18173 | IND | Storey County Properties, LLC | NW | NW | 35 | 19N | 21E | | 52.11 | | 31.15 | AFA | Y | 62274, 63865, 64735 | R |
| 63547 | 083 N19 E21 10BDDA1 | 16975 | IND | All-Lite Aggregate | SE | NW | 10 | 19N | 21E | | 110.20 | 110.20 | 22.67 | AFA | | | M |
| 63865 | 083 N19 E21 35BBBC1 | 18174 | IND | Storey County Properties, LLC | NW | NW | 35 | 19N | 21E | | 79.79 | | 79.79 | AFA | Y | 62274, 62275, 64735 | R |

083 TRACY SEGMENT

WATER YEAR 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| APP NO. | SITE NAME | STATUS | MOU | OWNER OF RECORD | QQ | QTR | SEC | T | R | ACRES PER | DUTY (AF) | SUPP ADJ | DUTY USED | UNIT | SUPP SRC | SUPP GW APP NO. | METHOD |
|---------|---------------------|--------|-----|---|-----|-----|-----|-----|-----|-----------|-----------|----------|-----------|------|----------|---------------------|--------|
| 64735 | 083 N19 E21 35BBBC1 | PER | IND | Storey County Properties, LLC | NW | NW | 35 | 19N | 21E | | 61.38 | | 3.98 | AFA | Y | 62274, 62275, 63865 | R |
| 65061 | 083 N19 E22 14ABBA1 | PER | QM | TRI G.I.D. | NW | NE | 14 | 19N | 22E | | 998.80 | 2,740.00 | 184.71 | AFA | Y | Footnote 2 | R |
| 65062 | 083 N19 E22 10DDCB1 | PER | QM | TRI G.I.D. | Se | SE | 10 | 19N | 22E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65063 | 083 N20 E23 32BDBD1 | PER | QM | TRI G.I.D. | SE | NW | 32 | 20N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65064 | 083 N20 E23 31DDDD1 | PER | QM | TRI G.I.D. | SE | SE | 31 | 20N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65065 | 083 N19 E23 05BDBB1 | PER | QM | TRI G.I.D. | LT1 | | 5 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65066 | 083 N19 E23 20DBCB1 | PER | QM | TRI G.I.D. | NW | SE | 20 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65067 | 083 N19 E23 07ABAA1 | PER | QM | TRI G.I.D. | NW | NE | 7 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65068 | 083 N19 E23 20BCAB1 | PER | QM | TRI G.I.D. | SW | NE | 20 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65069 | 083 N19 E23 08BCCC1 | PER | QM | TRI G.I.D. | SW | NW | 8 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65070 | 083 N19 E23 17CAAD1 | PER | QM | TRI G.I.D. | NE | SW | 17 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65071 | 083 N19 E23 17BCCB1 | PER | QM | TRI G.I.D. | SW | NW | 17 | 19N | 23E | | 1,000.00 | | N/A | AFA | Y | Footnote 2 | Z |
| 65603 | 083 N20 E22 33DBAA1 | 19656 | QM | TRI G.I.D. | NW | SE | 33 | 20N | 22E | | 13.44 | | 13.44 | AFA | Y | Footnote 1 | R |
| 66442 | 083 N20 E21 11CACD1 | 16115 | STK | Depaoli, Edwin L. | SE | SW | 11 | 20N | 21E | | 8.96 | 8.96 | 8.96 | AFA | | | D |
| 66729 | 083 N19 E21 10CCBA1 | PER | IND | Grand Slam Enterprises, LLC | SW | SW | 10 | 19N | 21E | | 25.00 | | 3.17 | AFA | Y | 66965, 74927 | R |
| 66825 | 083 N19 E21 09DDDB1 | 16979 | COM | Grand Slam Enterprises, LLC | SE | SE | 9 | 19N | 21E | | 8.05 | 8.05 | 0.00 | AFA | Y | 66827 | R |
| 66827 | 083 N19 E21 09DDCD1 | 16963 | COM | Grand Slam Enterprises, LLC | SE | SE | 9 | 19N | 21E | | 8.05 | | 0.00 | AFA | Y | 66825 | R |
| 66965 | 083 N19 E21 10CCBA1 | 18137 | IND | Grand Slam Enterprises, LLC | SW | SW | 10 | 19N | 21E | | 2.00 | 2.00 | 0.05 | AFA | | 66729, 74927 | R |
| 67149 | 083 N19 E21 15BCAA1 | PER | QM | Hiatt Land and Development Co. | SW | NW | 15 | 19N | 21E | | 2.00 | | N/A | AFA | Y | 57826, 77614, 87298 | Z |
| 67176 | 083 N20 E22 31DDDD1 | PER | MUN | TRI GID | SE | SE | 31 | 20N | 22E | | 240.00 | 2,195.29 | 171.19 | AFA | Y | Footnote 1 | R |
| 67196 | 083 N20 E23 13ABAC1 | 17002 | COM | Operating Engineers and Participating Employers Pre-Apprentice, Apprentices and Journeyman Affirmation Action Training Fund | NW | NE | 13 | 20N | 23E | | 11.50 | 62.00 | 0.00 | AFA | Y | Footnote 4 | R |
| 67198 | 083 N20 E23 13ABAC1 | 17003 | COM | Affirmative Action Training Fund | NW | NE | 13 | 20N | 23E | | 30.03 | | 0.00 | AFA | Y | Footnote 4 | R |
| 67385 | 083 N19 E21 11CDBB1 | 18896 | IND | Mustang Business Park, LLC | SE | SW | 11 | 19N | 21E | | 26.59 | 26.59 | 9.58 | AFA | | | M |
| 67977 | 083 N20 E22 33BADB1 | PER | IND | SPPCo-Tracy Power Station | NE | NW | 33 | 20N | 22E | | 290.00 | 290.00 | 0.05 | AFA | | | R |
| 68663 | 083 N20 E23 13ABCD1 | 17004 | COM | Operating Engineers Training Fund | NW | NE | 13 | 20N | 23E | | 10.00 | | 41.96 | AFA | Y | Footnote 4 | R |
| 69184 | 083 N19 E21 16DBDB1 | PER | QM | Canyon General Improvement District | NW | SE | 16 | 19N | 21E | | 285.68 | | 135.55 | AFA | Y | 51172, 51173 | R |
| 69299 | 083 N20 E22 31DDDD1 | 19574 | MUN | TRI G.I.D. | SE | SE | 31 | 20N | 22E | | 31.85 | | 31.85 | AFA | Y | Footnote 1 | R |
| 69371 | 083 N20 E22 33BADB1 | PER | IND | Sierra Pacific Power Company | NE | NW | 33 | 20N | 22E | | 26.29 | 26.29 | 0.05 | AFA | | | R |
| 69439 | 083 N20 E22 27CAAB1 | PER | IND | Stan Lucas | NE | SW | 27 | 20N | 22E | | 30.00 | 345.55 | 79.16 | AFA | Y | Footnote 5 | R |
| 69440 | 083 N20 E22 27CBDA1 | PER | IND | Stan Lucas | NW | SW | 27 | 20N | 22E | | 30.00 | | 30.00 | AFA | Y | Footnote 5 | R |

083 TRACY SEGMENT

WATER YEAR 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| APP NO. | SITE NAME | STATUS | MOU | OWNER OF RECORD | QQ | QTR | SEC | T | R | ACRES PER | DUTY (AF) | SUPP ADJ | DUTY USED | UNIT | SUPP SRC | SUPP GW APP NO. | METHOD |
|---------|---------------------|--------|-----|--|----|-----|-----|-----|-----|-----------|-----------|----------|-----------|------|----------|---------------------|--------|
| 70577 | 083 N20 E22 34BCBA1 | PER | IND | Nevada Gold Mines LLC | SW | NW | 34 | 20N | 22E | | 2.00 | 2.00 | N/A | AFA | | | Z |
| 73759 | 083 N20 E24 08ACBB1 | PER | MUN | TMWA | SW | NE | 8 | 20N | 24E | | 19.50 | 19.50 | 0.03 | AFA | | | R |
| 73760 | 083 N20 E24 08ACBB1 | PER | MUN | TMWA | SW | NE | 8 | 20N | 24E | | 73.61 | 73.61 | 0.03 | AFA | | | R |
| 73761 | 083 N20 E24 08BDAA1 | PER | MUN | TMWA | SW | NW | 8 | 20N | 24E | | 56.89 | 56.89 | 0.05 | AFA | Y | 35582 | R |
| 73762 | 083 N20 E24 08ACBB1 | PER | MUN | TMWA | NW | SW | 8 | 20N | 24E | | 75.00 | 75.00 | 0.03 | AFA | | | R |
| 73763 | 083 N20 E24 08CBAC1 | PER | MUN | TMWA | SW | NE | 8 | 20N | 24E | | 50.00 | 50.00 | N/A | AFA | | | Z |
| 73764 | 083 N20 E24 08ACBB1 | PER | MUN | TMWA | SW | SW | 10 | 19N | 21E | | 3.80 | 3.80 | 0.02 | AFA | | | R |
| 74927 | 083 N19 E21 10CCBA1 | 18259 | QM | Grand Slam Enterprises, LLC | SW | SW | 10 | 19N | 21E | | 10.50 | 35.50 | 0.05 | AFA | Y | 66729, 66965 | R |
| 75839 | 083 N20 E22 21CDCD1 | PER | QM | Apple Inc. | SE | SW | 21 | 20N | 22E | | 742.74 | 1,121.60 | 131.89 | AFA | Y | Footnote 3 | R |
| 75840 | 083 N20 E22 21CDDA1 | PER | QM | Apple Inc. | SE | SW | 21 | 20N | 22E | | 742.74 | | 32.97 | AFA | Y | Footnote 3 | R |
| 75841 | 083 N20 E22 21CDDA1 | PER | QM | Apple Inc. | SE | SW | 21 | 20N | 22E | | 285.60 | | 0.05 | AFA | Y | Footnote 3 | R |
| 76754 | 083 N19 E22 12BCDA1 | PER | QM | TRI G.I.D. | SW | NW | 12 | 19N | 22E | | 1,000.00 | | 9.19 | AFA | Y | Footnote 2 | R |
| 77043 | 083 N20 E23 13ACBA1 | 19415 | COM | Operating Engineers and Participating Employers Pre-Apprentice, Apprenticeship and Journeyman Affirmation Action Training Fund | SW | NE | 13 | 20N | 23E | | 5.50 | | 3.22 | AFA | Y | Footnote 4 | R |
| 77044 | 083 N20 E23 13ACBA1 | 19416 | COM | Operating Engineers and Participating Employers Pre-Apprentice, Apprenticeship and Journeyman Affirmation Action Training Fund | SW | NE | 13 | 20N | 23E | | 4.97 | | 0.05 | AFA | Y | Footnote 4 | R |
| 77484 | 083 N19 E21 16BCCC1 | PER | COM | Granite Construction Company | SW | NW | 16 | 19N | 21E | | 8.00 | 8.00 | 4.60 | AFA | | | R |
| 77485 | 083 N19 E21 17CABC1 | PER | COM | Granite Construction Company | NE | SW | 17 | 19N | 21E | | 28.20 | 28.20 | 28.20 | AFA | | | R |
| 77614 | 083 N19 E21 15BBDC1 | PER | QM | Hiatt Land and Development Co. | NW | NW | 15 | 19N | 21E | | 51.00 | | N/A | AFA | Y | 57826, 67149, 87298 | Z |
| 78031 | 083 N19 E21 17CABC1 | PER | IND | Granite Construction Company | NE | SW | 17 | 19N | 21E | | 32.58 | 32.58 | 1.13 | AFA | Y | 78032 | R |
| 78032 | 083 N19 E21 17CABC1 | PER | IND | Granite Construction Company | NE | SW | 17 | 19N | 21E | | 32.58 | | 0.05 | AFA | Y | 78031 | R |
| 79685 | 083 N19 E22 12BCDA1 | 21049 | QM | TRI G.I.D. | SW | NW | 12 | 19N | 22E | | 2.11 | 2.11 | 0.05 | AFA | | | R |
| 80159 | 083 N20 E22 33DBAA1 | PER | QM | TRI G.I.D. | NW | SE | 33 | 20N | 22E | | 55.00 | 55.00 | 0.05 | AFA | | | R |
| 80304 | 083 N19 E22 12BCDA1 | 21050 | QM | TRI G.I.D. | SW | NW | 12 | 19N | 22E | | 2.63 | 2.63 | 0.05 | AFA | | | R |
| 80870 | 083 N19 E21 16DBDB1 | PER | QM | Storey County | NW | SE | 16 | 19N | 21E | | 33.94 | 33.94 | 0.05 | AFA | | | R |
| 81718 | 083 N20 E22 36CDAA1 | PER | MUN | TRI GID | SE | SW | 36 | 20N | 22E | | 180.00 | 180.00 | 111.79 | AFA | | | R |
| 83083 | 083 N20 E22 31DBDC1 | PER | MUN | TRI GID | NW | SE | 31 | 20N | 22E | | 32.58 | 32.58 | N/A | AFA | Y | 83084 | Z |
| 83084 | 083 N20 E22 31DBDC1 | PER | MUN | TRI GID | NW | SE | 31 | 20N | 22E | | 32.58 | | N/A | AFA | Y | 83083 | Z |
| 83085 | 083 N19 E22 12BCDA1 | 21051 | MUN | TRI GID | SW | NW | 12 | 19N | 22E | | 57.16 | 57.16 | 0.05 | AFA | Y | 83086 | R |
| 83086 | 083 N19 E22 12BCDA1 | 21052 | MUN | TRI GID | SW | NW | 12 | 19N | 22E | | 57.16 | | 0.05 | AFA | Y | 83085 | R |
| 83299 | 083 N20 E22 36CDAA1 | PER | MUN | TRI GID | SE | SW | 36 | 20N | 22E | | 9.10 | 9.10 | 0.05 | AFA | | | R |

083 TRACY SEGMENT

WATER YEAR 2020 GROUNDWATER PUMPAGE BY APPLICATION NUMBER

| APP NO. | SITE NAME | STATUS | MOU | OWNER OF RECORD | QQ | QTR | SEC | T | R | ACRES PER | DUTY (AF) | SUPP ADJ | DUTY USED | UNIT | SUPP SRC | SUPP GW APP NO. | METHOD |
|---------|---------------------|--------|-----|--|----|-----|-----|-----|-----|-----------|-----------|----------|-----------|------|----------|---------------------|--------|
| 83300 | 083 N20 E22 36CDA1 | PER | MUN | TRI GID | SE | SW | 36 | 20N | 22E | | 11.30 | 11.30 | 0.05 | AFA | | | R |
| 84172 | 083 N19 E21 14BBAC1 | 21336 | IND | Refuse, Inc. | NW | NW | 14 | 19N | 21E | | 20.76 | | 20.76 | AFA | | | E |
| 84173 | 083 N19 E21 14BBAC1 | 21337 | IND | Refuse, Inc. | NW | NW | 14 | 19N | 21E | | 12.28 | | 12.28 | AFA | | | E |
| 84174 | 083 N19 E21 14BBAC1 | 21338 | IND | Refuse, Inc. | NW | NW | 14 | 19N | 21E | | 107.41 | | 63.56 | AFA | | | E |
| 85222 | 083 N20 E22 31AAAA1 | PER | QM | Apple Inc. | NE | NE | 31 | 20N | 22E | | 285.60 | | N/A | AFA | Y | Footnote 3 | Z |
| 85223 | 083 N20 E22 31AADA1 | PER | QM | Apple Inc. | NE | NE | 31 | 20N | 22E | | 93.26 | | N/A | AFA | Y | Footnote 3 | Z |
| 85224 | 083 N20 E22 21CDCD1 | PER | QM | Apple Inc. | SE | SW | 21 | 20N | 22E | | 93.26 | | 0.05 | AFA | Y | Footnote 3 | R |
| 85706 | 083 N20 E24 18AAAC1 | PER | COM | Therrien, Henry A. and Diana L. | NE | NE | 18 | 20N | 24E | | 2.02 | 2.02 | 0.00 | AFA | | | E |
| 86490 | 083 N19 E21 16BBBA1 | PER | COM | Martin Marietta Minerals, Inc. | NW | NW | 16 | 19N | 21E | | 232.19 | 232.19 | 0.00 | AFA | | | R |
| 86556 | 083 N19 E22 02ACDA1 | PER | QM | TRI G.I.D. | SW | NE | 2 | 19N | 22E | | 542.98 | | N/A | AFA | Y | Footnote 1 | Z |
| 87133 | 083 N19 E21 15BBDA1 | PER | MUN | TMWA | NW | NW | 15 | 19N | 21E | | 190.00 | 190.00 | 43.68 | AFA | Y | 87870 | R |
| 87183 | 083 N20 E22 33DBAA1 | PER | QM | TRI G.I.D. | NW | SE | 22 | 20N | 22E | | 206.25 | 206.25 | 0.05 | AFA | | | R |
| 87298 | 083 N19 E21 15BBDC1 | PER | QM | Hiatt Land and Development Company, Ltd. | NW | NW | 15 | 19N | 21E | | 6.00 | | N/A | AFA | Y | 57826, 67149, 77614 | Z |
| 87870 | 083 N19 E21 15BBDC1 | PER | MUN | Andersen Family 1992 Trust (port.), TMWA (port.) | NW | NW | 15 | 19N | 21E | | 190.00 | | N/A | AFA | Y | 87133 | Z |
| 88281 | 083 N20 E22 27BCAB1 | PER | IND | Lucas, Stan | SW | NW | 27 | 20N | 22E | | 96.00 | | 0.05 | AFA | Y | Footnote 5 | R |
| 88282 | 083 N20 E22 27BCBD1 | PER | IND | Lucas, Stan | SW | NW | 27 | 20N | 22E | | 96.00 | | 1.44 | AFA | Y | Footnote 5 | R |
| 88283 | 083 N20 E22 27BCAB1 | PER | IND | Lucas, Stan | SW | NW | 27 | 20N | 22E | | 219.55 | | 0.05 | AFA | Y | Footnote 5 | R |
| 88284 | 083 N20 E22 27BCBD1 | PER | IND | Lucas, Stan | SW | NW | 27 | 20N | 22E | | 219.55 | | 0.05 | AFA | Y | Footnote 5 | R |
| 88934 | 083 N20 E22 21CBCC1 | PER | STK | Depaoli, Edwin L. | NW | SW | 21 | 20N | 22E | | 4.00 | 4.00 | N/A | AFA | | | Z |
| | 083 N20 E24 04CBBB1 | | QM | Pyramid Lake Paiute Tribe | NW | SW | 4 | 20N | 24E | | | | 1,000.00 | AFA | | | E |

Footnotes

1. The total combined duty of water under Permits 61778, 62256, 62257, 62258, 62260, 62261, 62262, 65603, 67176, 69299 and 86566 shall not exceed 2,195.29 acre-feet annually.
2. The total combined duty of water under Permits 65061, 65062, 65063, 65064, 65065, 65066, 65067, 65068, 65069, 65070, 65071, and 76754 shall not exceed 2,740 acre-feet annually.
3. The total combined duty of water under Permits 75839, 75840, 75841, 85222, 85223 and 85224 shall not exceed a total of 1,121.60 acre-feet annually.
4. The total combined duty of water under Permits 67196, 67198, 68663, 77043 and 77044 shall not exceed 62 acre-feet annually.
5. The total combined duty of water under Permits 69439, 69440, 88281, 88282, 88283, and 88284 shall not exceed 345.55 acre-feet annually.

**APPENDIX B. TRACY SEGMENT HISTORICAL PUMPAGE BY POINT OF
DIVERSION**

| SITE NAME | APP NO. | MOU | OWNER OF RECORD | DUTY (AF) 2020 | DUTY USED 2017 | DUTY USED 2018 | DUTY USED 2019 | DUTY USED 2020 |
|---------------------|-----------------------------------|--------------|--|----------------|----------------|----------------|----------------|----------------|
| 083 N18 E22 06CDBB1 | 50373 | QM | Virginia Highlands | 7.15 | 2.00 | 2.00 | 2.00 | 2.00 |
| 083 N19 E21 01AABC1 | 31149 | QM | TRI GID | 3.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 02CABC1 | 29231 | STK | TRI GID | 4.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 09DAAD1 | 24642 | IND | Reno Disposal Company | 10.74 | 10.74 | 15.56 | 15.56 | 13.95 |
| 083 N19 E21 09DDCD1 | 66827 | COM | Grand Slam Enterprises, LLC | 8.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 09DDDB1 | 17335, 19042, 66825 | MM, DOM, COM | EP Minerals, LLC; Grand Slam Enterprises, LLC | 64.97 | 1.90 | 1.90 | 1.90 | 2.26 |
| 083 N19 E21 10BDDA1 | 63547 | IND | All-Lite Aggregate | 110.20 | 110.20 | 42.78 | 26.59 | 22.67 |
| 083 N19 E21 10CCBA1 | 66729, 66965, 74927 | IND, QM | Grand Slam Enterprises, LLC | 37.50 | 45.50 | 7.96 | 7.53 | 3.27 |
| 083 N19 E21 11CCCA1 | 55014 | IND | Nevada Hydrocarbon, Inc. | 6.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 11CDBB1 | 67385 | IND | Mustang Business Park, LLC | 26.59 | 14.74 | 14.74 | 14.74 | 9.58 |
| 083 N19 E21 14BBAC1 | 84172, 84173, 84174 | IND | Refuse, Inc. | 140.45 | 106.29 | 110.96 | 72.56 | 96.60 |
| 083 N19 E21 15ABCA1 | 50536 | QM | U.S.A. | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 15ABCD1 | 50537 | QM | U.S.A. | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 15BDDA1 | 87133 | MUN | TMWA | 190.00 | 0.00 | 0.00 | 0.00 | 43.68 |
| 083 N19 E21 15BDDC1 | 77614, 87298, 87870 | QM, MUN | Hiatt Land and Development Co.; Hiatt Land and Development Company, Ltd.; Andersen Family 1992 Trust (port.); TMWA (port.) | 247.00 | N/A | N/A | N/A | N/A |
| 083 N19 E21 15BCAA1 | 67149 | QM | Hiatt Land and Development Co. | 2.00 | N/A | N/A | N/A | N/A |
| 083 N19 E21 15CBBD1 | 57826 | QM | Hiatt Land and Development Co. | 65.00 | N/A | N/A | N/A | N/A |
| 083 N19 E21 16AADC1 | 45988 | COM | Bee Telephone Company of Nevada | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 083 N19 E21 16BBBA1 | 86490 | COM | Martin Marietta Minerals, Inc. | 232.19 | 0.01 | 5.82 | 0.00 | 0.00 |
| 083 N19 E21 16BCCC1 | 77484 | COM | Granite Construction Company | 8.00 | 0.05 | 3.46 | 3.17 | 4.60 |
| 083 N19 E21 16CDA1 | 50533, 50534, 50535, 50538 | QM | Storey County; Canyon General Improvement District | 41.83 | 9.82 | 10.56 | 7.21 | 7.59 |
| 083 N19 E21 16DBDB1 | 69184, 80870 | QM | Canyon General Improvement District; Storey County | 319.62 | 84.27 | 158.30 | 134.49 | 135.60 |
| 083 N19 E21 16DBDD1 | 36918, 45313 | QM | Canyon General Improvement District; Joseph Peri Family Trust and James L. Peri Trust | 26.28 | 26.28 | 18.10 | 10.04 | 6.69 |
| 083 N19 E21 17CABC1 | 77485, 78031, 78032 | COM, IND | Granite Construction Company | 93.36 | 43.49 | 39.45 | 9.36 | 29.38 |
| 083 N19 E21 17DCCB1 | 43626 | COM | Triple M Cattle Co. | 55.36 | 6.00 | 5.72 | 6.20 | 6.45 |
| 083 N19 E21 17DDAB1 | 51172, 51173 | QM | Canyon General Improvement District | 282.34 | 78.77 | 23.39 | 22.96 | 30.67 |
| 083 N19 E21 17DDDB1 | 26132 | QM | Fred G. Manha | 4.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 21ACBC1 | 50465 | IND | Refuse, Inc. | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E21 22CDBD1 | 54972 | IND | Refuse, Inc. | 3.07 | 2.73 | 3.07 | 2.90 | 2.90 |
| 083 N19 E21 35BBBC1 | 63865, 64735 | IND | Storey County Properties, LLC | 141.17 | 141.17 | 141.17 | 80.60 | 83.77 |
| 083 N19 E21 35BBBD1 | 62274, 62275 | IND | Storey County Properties, LLC | 60.83 | 0.00 | 0.00 | 55.47 | 39.87 |
| 083 N19 E22 01AACC1 | 62262 | QM | TRI G.I.D. | 542.98 | N/A | N/A | N/A | N/A |
| 083 N19 E22 01ADAA1 | 62257 | QM | TRI G.I.D. | 206.25 | N/A | N/A | N/A | N/A |
| 083 N19 E22 02ACDA1 | 86556 | QM | TRI G.I.D. | 542.98 | N/A | N/A | N/A | N/A |
| 083 N19 E22 06BBAC1 | 31285 | QM | TRI G.I.D. | 2.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N19 E22 10DDCB1 | 65062 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E22 12BCDA1 | 76754, 79685, 80304, 83085, 83086 | QM, MUN | TRI G.I.D.; TRI GID | 1,119.06 | 497.37 | 275.70 | 430.18 | 9.39 |
| 083 N19 E22 14ABBA1 | 65061 | QM | TRI G.I.D. | 998.80 | N/A | N/A | N/A | 184.71 |
| 083 N19 E23 05BDBB1 | 65065 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 07ABAA1 | 65067 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 08BCCC1 | 65069 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 17BCCB1 | 65071 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 17CAAD1 | 65070 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 20BCAB1 | 65068 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N19 E23 20DBCB1 | 65066 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N20 E21 11CACD1 | 66442 | STK | Depaoli, Edwin L. | 8.96 | 8.96 | 8.96 | 8.96 | 8.96 |
| 083 N20 E22 21CBCC1 | 88934 | STK | Depaoli, Edwin L. | 4.00 | N/A | N/A | N/A | N/A |
| 083 N20 E22 21CDD1 | 75839, 85224 | QM | Apple Inc. | 836.00 | 14.82 | 75.01 | 91.86 | 131.94 |
| 083 N20 E22 21CDDA1 | 75840, 75841 | QM | Apple Inc. | 1,028.34 | 32.01 | 91.50 | 10.00 | 33.02 |
| 083 N20 E22 27BCAB1 | 88281, 88283 | IND | Lucas, Stan | 315.55 | N/A | N/A | 50.48 | 0.10 |
| 083 N20 E22 27BCBD1 | 88282, 88284 | IND | Lucas, Stan | 315.55 | N/A | N/A | 19.41 | 1.49 |
| 083 N20 E22 27CAAB1 | 69439 | IND | Stan Lucas | 30.00 | 172.78 | 172.78 | 30.00 | 79.16 |
| 083 N20 E22 27CBDA1 | 69440 | IND | Stan Lucas | 30.00 | 172.78 | 172.78 | 30.00 | 30.00 |
| 083 N20 E22 27CDAD1 | 50936 | COM | Robert L. Helms Const. & Devel. Co. (port.), Washoe County (port.) | 2.03 | 2.03 | 2.03 | 2.03 | 2.03 |
| 083 N20 E22 31AAAA1 | 85222 | QM | Apple Inc. | 285.60 | N/A | N/A | N/A | N/A |
| 083 N20 E22 31AADA1 | 85223 | QM | Apple Inc. | 93.26 | N/A | N/A | N/A | N/A |
| 083 N20 E22 31DBDC1 | 83083, 83084 | MUN | TRI GID | 65.16 | N/A | N/A | N/A | N/A |
| 083 N20 E22 31DDDD1 | 67176, 69299 | MUN | TRI GID; TRI G.I.D. | 271.85 | 211.70 | 247.22 | 211.52 | 203.04 |
| 083 N20 E22 32AABA1 | 30177 | MM | SPPC | 317.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E22 32BCCA1 | 60982 | IND | Mars Petcare US, Inc. | 70.00 | 15.01 | 10.34 | 19.67 | 17.96 |
| 083 N20 E22 32CAAA1 | 61778 | QM | TRI G.I.D. | 206.25 | 205.57 | 265.45 | 225.13 | 253.53 |
| 083 N20 E22 32DADA1 | 61736 | QM | Waltham Road Industrial, LLC | 140.00 | 3.44 | 3.50 | 2.88 | 1.51 |
| 083 N20 E22 33ABC1 | 25354, 28054 | IND | Arcadia Air Products Company, Inc.; SPPC | 315.58 | 152.04 | 300.11 | 299.49 | 291.45 |

| SITE NAME | APP NO. | MOU | OWNER OF RECORD | DUTY (AF) 2020 | DUTY USED 2017 | DUTY USED 2018 | DUTY USED 2019 | DUTY USED 2020 |
|---------------------|-----------------------------------|---------|--|----------------|----------------|----------------|----------------|----------------|
| 083 N20 E22 33BADB1 | 60080, 67977, 69371 | IND | SPPC; SPPCo-Tracy Power Station; Sierra Pacific Power Compnay | 428.51 | 96.85 | 37.62 | 81.60 | 105.60 |
| 083 N20 E22 33DBAA1 | 62260, 65603, 80159, 87183 | QM | TRI G.I.D. | 817.67 | 5.99 | 3.81 | 0.00 | 44.18 |
| 083 N20 E22 34BCBA1 | 70577 | IND | Nevada Gold Mines LLC | 2.00 | N/A | N/A | N/A | N/A |
| 083 N20 E22 35ABBA1 | 19862 | MM | TRI GID | 220.80 | 4.58 | 6.00 | 5.57 | 0.00 |
| 083 N20 E22 35ABCA1 | 27087 | MM | EP Minerals, LLC | 62.91 | 0.00 | 0.00 | 0.00 | 0.05 |
| 083 N20 E22 36CBCB1 | 62256 | QM | TRI G.I.D. | 206.25 | N/A | N/A | N/A | N/A |
| 083 N20 E22 36CDAA1 | 62261, 81718, 83299, 83300 | QM, MUN | TRI G.I.D.; TRI GID | 743.38 | 1,122.11 | 412.31 | 219.64 | 654.87 |
| 083 N20 E23 04ABCA1 | 47361 | STK | BLM | 7.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E23 13ABAC1 | 67196, 67198 | COM | Operating Engineers and Participating Employers Pre-Apprentice, Apprentice and Journeyman Affirmation Action Training Fund; Affirmative Action Training Fund | 41.53 | 53.00 | 28.42 | 3.58 | 0.00 |
| 083 N20 E23 13ABCD1 | 68663 | COM | Operating Engineers Training Fund | 10.00 | 10.00 | 10.00 | 10.00 | 41.96 |
| 083 N20 E23 13ACBA1 | 77043, 77044 | COM | Operating Engineers and Participating Employers Pre-Apprentice, Apprentice and Journeyman Affirmation Action Training Fund | 10.47 | 10.47 | 2.29 | 2.29 | 3.27 |
| 083 N20 E23 31DDDD1 | 65064 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N20 E23 32BDBD1 | 65063 | QM | TRI G.I.D. | 1,000.00 | N/A | N/A | N/A | N/A |
| 083 N20 E24 03CACD1 | 45553 | IRR | USA In Trust for the Pyramid Lake Paiute | 227.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 03CCBD1 | 29867 | IRR | USA In Trust for the Pyramid Lake Paiute Tribe | 221.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 03DBBA1 | 46536, 53379 | IND | Smith, Lee | 4.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 03DCAB1 | 54195 | IND | Smith, Lee | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 03DCAC1 | 45275, 53820 | IND | Smith, Lee | 3.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 04ACDB1 | 60770 | QM | Smith, Brian A. | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| 083 N20 E24 04CBBB1 | 34924, 45508, No Permit Issued | IRR, QM | Pyramid Lake Paiute Tribe; Pyramid Lake Tribe of Indians | 193.60 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 |
| 083 N20 E24 04CDAD1 | 27294 | STK | Depaoli Brothers | 4.48 | 0.11 | 0.09 | 0.09 | 0.11 |
| 083 N20 E24 04DDDD1 | 29866 | QM | USA In Trust for the Pyramid Lake Paiute Tribe | 7.06 | 7.06 | 7.06 | 7.06 | 7.06 |
| 083 N20 E24 08ACBB1 | 35581, 73759, 73760, 73762, 73764 | QM, MUN | TMWA | 229.41 | 5.46 | 5.30 | 3.18 | 0.14 |
| 083 N20 E24 08BDAA1 | 35582, 73761 | QM, MUN | TMWA | 114.39 | 9.22 | 9.76 | 11.85 | 15.78 |
| 083 N20 E24 08CBAC1 | 73763 | MUN | TMWA | 50.00 | N/A | N/A | N/A | N/A |
| 083 N20 E24 08CCCC1 | 48984 | QM | Bouma, Dortha M | 4.48 | 4.48 | 4.48 | 4.48 | 4.04 |
| 083 N20 E24 18AAAC1 | 85706 | COM | Therrien, Henry A. and Diana L. | 2.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 083 N20 E24 18BCDD1 | 44444 | COM | Nevada-Department of Transportation | 7.18 | 7.18 | 7.18 | 7.18 | 7.18 |