

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

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STATE ENGINEER



TRACY SEGMENT
HYDROGRAPHIC BASIN 6-083

GROUNDWATER PUMPAGE INVENTORY

WATER YEAR 2018

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ABSTRACT

This inventory presents the status and pumpage of all permitted, certificated, claims of vested right groundwater rights, and exempt domestic wells located within Tracy Segment, Hydrographic Basin 6-083, for water year 2018 (October 1, 2017 through September 30, 2018). 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 2018, the committed groundwater resource totaled 12,713 acre-feet, with estimated pumpage of **4,503 acre-feet**. This includes an estimated 740 acre-feet pumped by exempt domestic wells.

Municipal & quasi-municipal is the largest manner of use within the basin. For water year 2018, pumpage for municipal/quasi-municipal use totaled 2,614 acre-feet, with appropriations totaling 7,812 acre-feet, including an estimated 1,000 acre-feet of non-permitted quasi-municipal rights diverted by the Pyramid Lake Paiute Tribe. The second largest manner of use was industrial, with pumpage of 1,041 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 2018	4,503 ¹

STATE ENGINEER'S ORDERS
[NO. 705 – DESIGNATION](#)

DATE: MARCH 1, 1978

COMMITTED GROUNDWATER RESOURCE ² : 12,713 ACRE-FEET		DATE: SEPTEMBER 2018
COMMERCIAL 405	DOMESTIC..... 1,480	INDUSTRIAL.....1,693
IRRIGATION..... 642	MINING & MILLING...656	QUASI-MUNICIPAL/ MUNICIPAL.....7,812
STOCKWATER 25		

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

² Committed groundwater resource data are accurate for September 2018. 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 740 domestic wells existed in the basin during water year 2018. 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 1,480 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 2018. 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 on 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 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 740 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

FIGURES

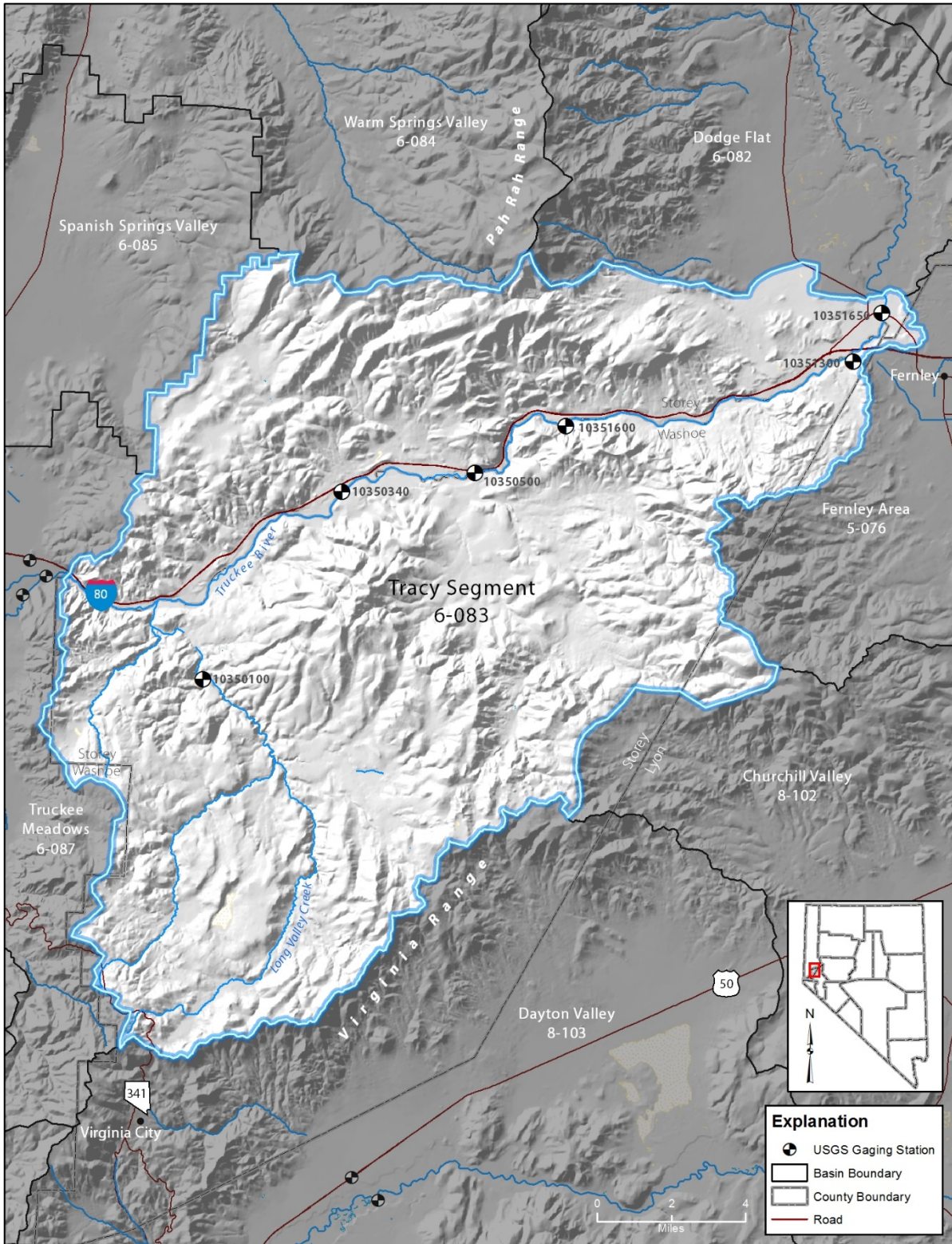


Figure 1. Physiographic map of Tracy Segment (Hydrographic Basin 6-083).



Figure 2. Tracy Segment groundwater level measurement sites.

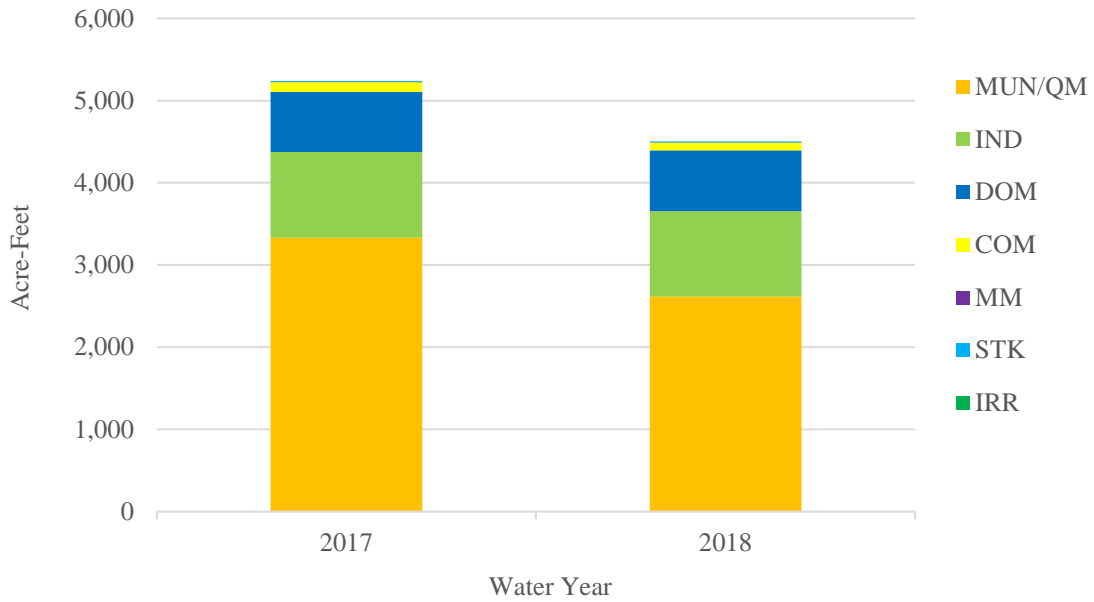


Figure 3. Tracy Segment historical pumpage by manner of use.

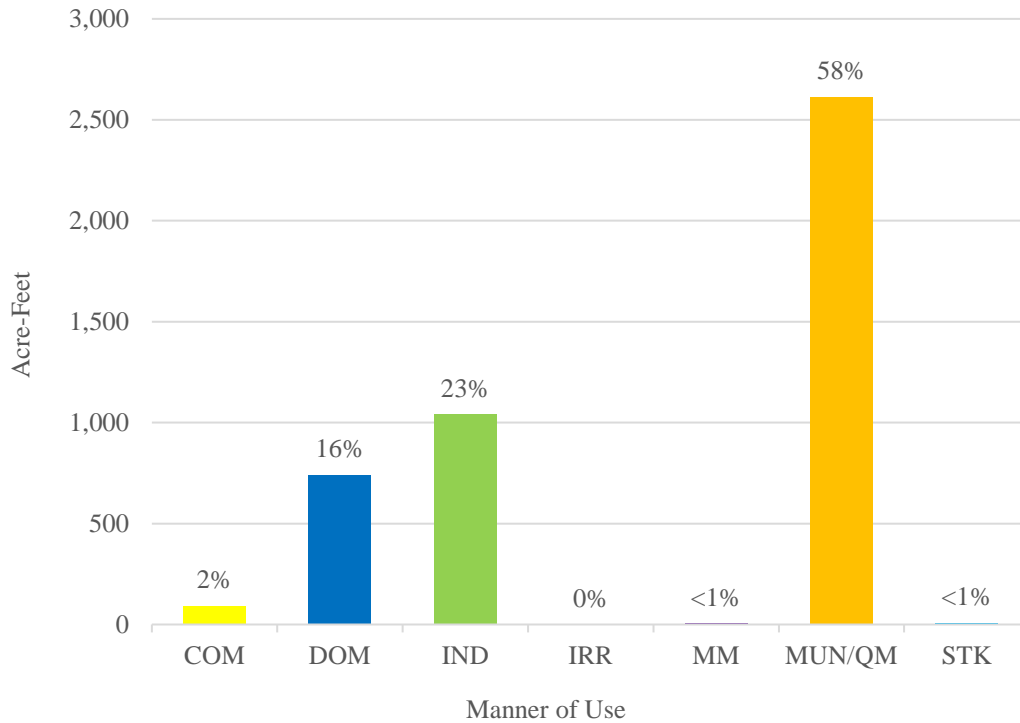


Figure 4. Percentage of 2018 groundwater pumpage by manner of use.

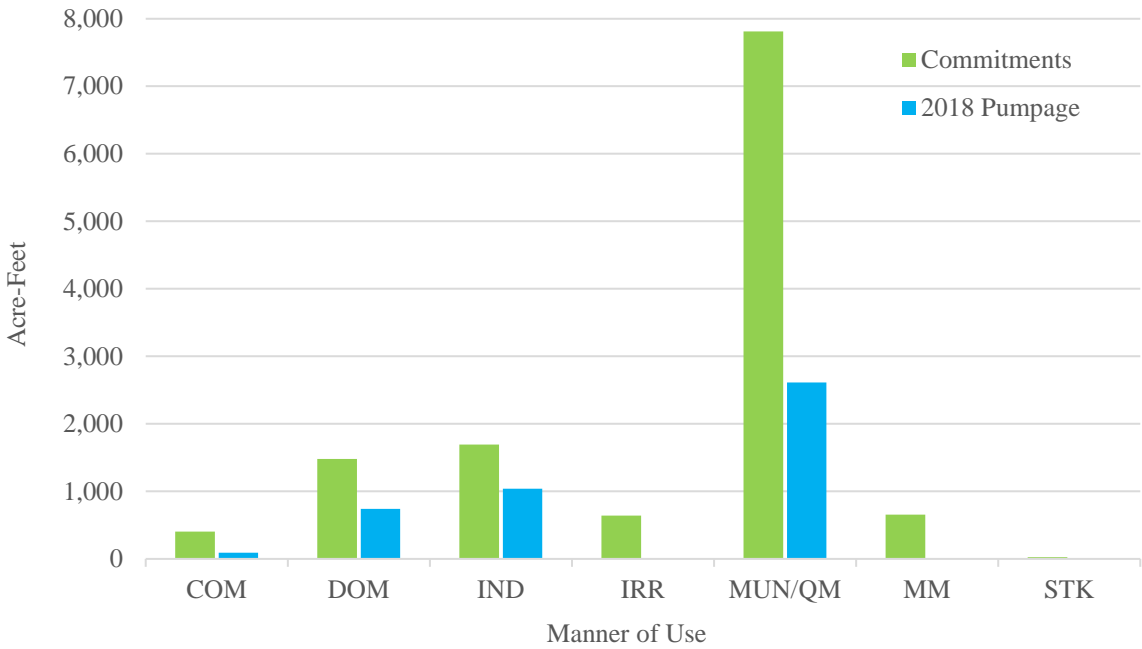


Figure 5. Comparison between 2018 groundwater commitments and estimated pumpage.

**APPENDIX A. TRACY SEGMENT 2018 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) or if it has been certificated. If an application has been certificated, the certificate number will be listed in the column.
MOU	The manner of use of the appropriated water. COM - Commercial 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
COUNTY	Name of the county in which the point of diversion is located.
OWNER OF RECORD	The owner of the water right as recorded in the files of the State Engineer. A water right may have more than one owner of record.
QQ	The quarter quarter of the section in which the point of diversion is located.
QTR	The quarter of the section in which the point of diversion is located.
SEC	The section in which the point of diversion is located.
T	The township in which the point of diversion is located.
R	The range in which the point of diversion is located.
PER. ACRES	The number of acres that are permitted to be irrigated.
DUTY (AF)	The number of acre-feet of water that the permittee may pump. One acre-foot equals 325,851 gallons.
SUPP ADJ	Where more than one permit is appurtenant to the same place of use, the permits are considered supplemental. Permits may be either completely or partially supplemental. In these cases, a total combined duty for the subject permits is employed.
DUTY USED	The amount of water used during the 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	Where more than one source is appurtenant to the same place of use, the sources are considered supplemental.
SUPP GW APP NO.	The file number(s) of any supplemental groundwater appropriations. Supplemental application groups are listed at the end of Appendix A.

METHOD The method used to estimate pumpage, or duty used.
D - Duty
E - The observed use during field investigation
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
R - Reported pumpage

APP NO.	SITE NAME	STATUS	MOU	COUNTY	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER. ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNIT	SUPP SRC	SUPP GW APP NO.	METHOD
17335	083 N19 E21 09DDDB1	5378	MM	STOREY	EP Minerals, LLC	NW	NE	35	20N	22E		55.02	55.02	0.00	AFA			D
19042	083 N19 E21 09DDDB1	5532	DOM	WASHOE	Grand Slam Enterprises, LLC	SE	SE	9	19N	21E		1.90	1.90	1.90	AFA			D
19862	083 N20 E22 35ABBA1	5775	MM	STOREY	EP Minerals, LLC	NW	NE	9	20N	22E		220.80	220.80	6.00	AFA			D
24642	83 N19 E21 09D	8235	IND	WASHOE	Reno Disposal Company	NE	NE	9	19N	21E		10.74	10.74	15.56	AFA			D
25354	083 N20 E22 33ABCB1	8237	IND	STOREY	Arcadia Air Products Company, Inc.	NW	NE	33	20E	22E		5.59	5.59	5.59	AFA			D
26132	083 N19 E21 17DDDB1	8760	QM	WASHOE	Fred G. Manha	SE	SE	17	19N	21E		4.02	4.02	0.00	AFA			D
27087	083 N20 E22 35ABCA1	8279	MM	STOREY	EP Minerals, LLC	NW	NE	35	20N	22E		62.91	62.91	0.00	AFA			D
27294	083 N20 E24 04CDAD1	8569	STK	WASHOE	Depaoli Brothers	SE	SW	4	20N	24E		4.48	4.48	0.09	AFA			D
28054	083 N20 E22 33ABCB1	9207	IND	STOREY	SPPC	NW	NE	33	20N	22E		310.00	422.22	294.53	AFA			D
29231	083 N19 E21 02CABC1	9651	STK	WASHOE	TRI, GID	NE	SW	2	19N	21E		4.48	4.48	0.00	AFA			D
29866	83 N20 E24 04DDDD1	9003	QM	WASHOE	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	LYON	USA In Trust for the Pyramid Lake Paiute Tribe	SW	SW	3	20N	24E		221.20	448.20	0.00	AFA			D
30177	083 N20 E22 32AABA1	10150	MM	STOREY	SPPC	NE	NE	32	20N	22E		317.32	317.32	0.00	AFA			D
31149	083 N19 E21 01AABC1	9573	QM	WASHOE	TRI, GID	NE	NE	1	N19	E21		3.36	3.36	0.00	AFA			D
31285	083 N19 E22 06BBAC1	9655	QM	WASHOE	TRI, GID	NW	NW	6	19N	22E		2.24	2.24	0.00	AFA			R
34924	083 N20 E24 04CBBB1	9863	IRR	WASHOE	Pyramid Lake Paiute Tribe	NW	SW	4	20N	24E		6.00	6.00	0.00	AFA			D
35581	083 N20 E24 08ACBB1		QM	WASHOE	TMWA	SW	NE	8	20N	24E		57.50	57.50	5.30	AFA	Y	35582	R
35582	083 N20 E24 08BDAA1		QM	WASHOE	TMWA	SE	NW	8	20N	24E		57.50		9.76	AFA	Y	35581	R
36918	083 N19 E21 16DBDD1	12517	QM	STOREY	Canyon General Improvement District	NW	SE	16	19N	21E		16.28	29.21	16.28	AFA	Y	50534, 50535, 50538	R
43626	083 N19 E21 17DCCB1	13425	COM	STOREY	Triple M Cattle Co.	SW	SE	17	19N	21E		55.36	55.36	5.72	AFA			D
44444	083 N20 E24 18BCDD1	13804	COM	WASHOE	Nevada-Department of Transportation	SW	NW	18	20N	24E		7.18	7.18	7.18	AFA			D
45275	083 N20 E24 03DCAC1	11904	IND	WASHOE	Smith, Lee	SW	SE	3	20N	24E		1.18	11.40	0.00	AFA	Y	46536, 53379, 53820, 54195	D
45313	083 N19 E21 16DBDD1	19600	QM	STOREY	Joseph Peri Family Trust and James L. Peri Trust	NW	SE	16	19N	21E		10.00	10.00	1.82	AFA			D
45508	083 N20 E24 04CBBB1	10778	IRR	WASHOE	Pyramid Lake Tribe of Indians	NW	SW	4	20N	34E		187.60	187.60	0.00	AFA			D
45553	083 N20 E24 03CACD1	11062	IRR	WASHOE	USA In Trust for the Pyramid Lake Paiute	NE	SW	3	20N	24E		227.00		0.00	AFA	Y	29867	D
45988	083 N19 E21 16AADC1	11641	COM	WASHOE	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	WASHOE	Smith, Lee	NW	SE	3	20N	24E		0.98		0.00	AFA	Y	45275, 53379, 53820, 54195	D
47361	083 N20 E23 04ABCA1	11972	STK	WASHOE	BLM	LT0		4	20N	23E		7.18	7.18	0.00	AFA			D
48984	083 N20 E24 08CCCC1	12800	QM	WASHOE	Bouma, Dortha M	SW	SW	8	20N	24E		4.48	4.48	4.48	AFA			D
50373	083 N18 E22 06CDBB1	14234	QM	STOREY	Virginia Highlands	LT0		6	18N	22E		7.15	7.15	2.00	AFA			E
50465	083 N19 E21 21ACBC1	13114	IND	STOREY	Refuse, Inc.	SW	NE	21	19N	21E		0.71	0.71	0.00	AFA			R
50533	083 N19 E21 16CDAA1	18224	QM	STOREY	Storey County	SE	SW	16	19N	21E		14.64	14.64	10.56	AFA			D
50534	083 N19 E21 16CDAA1	13476	QM	STOREY	Canyon General Improvement District	SE	SW	16	19N	21E		4.30		0.00	AFA	Y	36918, 50535, 50538	R
50535	083 N19 E21 16CDAA1	15059	QM	STOREY	Canyon General Improvement District	SE	SW	16	19N	21E		12.92		0.00	AFA	Y	36918, 50534, 50538	R

APP NO.	SITE NAME	STATUS	MOU	COUNTY	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER. ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNIT	SUPP SRC	SUPP GW APP NO.	METHOD
50536	083 N19 E21 15ABCA1	13477	QM	STOREY	U.S.A.	NW	NE	15	19N	21E		10.00	20.00	0.00	AFA	Y	50537	D
50537	083 N19 E21 15ABCD1	13478	QM	STOREY	U.S.A.	NW	NE	16	19N	21E		10.00		0.00	AFA	Y	50536	D
50538	083 N19 E21 16CDA1	13479	QM	STOREY	Canyon General Improvement District	SE	SW	16	19N	21E		9.97		0.00	AFA	Y	36918, 50534, 50535	R
50936	083 N20 E22 27CDAD1	14161	COM	WASHOE	Robert L. Helms Const. & Devel. Co.	SE	SW	27	20N	22E		2.03	2.03	2.03	AFA			D
51172	083 N19 E21 17DDAB1		QM	STOREY	Canyon General Improvement District	SE	SE	17	19N	21E		141.17	285.68	23.39	AFA	Y	51173, 69184	R
51173	083 N19 E21 17DDAB1		QM	STOREY	Canyon General Improvement District	SE	SE	18	19N	21E		142.17		0.00	AFA	Y	51172, 69184	R
53379	083 N20 E24 03DBBA1	13064	IND	WASHOE	Smith, Lee	NW	SE	3	20N	24E		374.00		0.00	AFA	Y	45275, 46536, 53820, 54195	D
53820	083 N20 E24 03DCAC1	13065	IND	WASHOE	Smith, Lee	SW	SE	3	20N	24E		2.46		0.00	AFA	Y	45275, 46536, 53379, 54195	D
54195	083 N20 E24 03DCAB1	13066	IND	WASHOE	Smith, Lee	SW	SE	3	20N	24E		3.01		0.00	AFA	Y	45275, 46536, 53379, 53820,	D
54972	083 N19 E21 22CDBD1	14268	IND	STOREY	Refuse, Inc.	SE	SW	23	19N	21E		3.07	143.52	3.07	AFA			R
55014	083 N19 E21 11CCCA1	18708	IND	STOREY	Nevada Hydrocarbon, Inc.	SW	SW	11	19N	21E		6.18	6.18	0.00	AFA			D
57826	083 N19 E21 15CBBD1		QM	WASHOE	Hiatt Land and Development Co.	NW	SW	15	19N	21E		65.00	65.00	0.00	AFA	Y	67149, 77614, 87298	D
60080	083 N20 E22 33BADB1	18419	IND	STOREY	SPPC	NE	NW	33	20N	22E		112.22		37.62	AFA			R
60770	083 N20 E24 04ACDB1	18926	QM	WASHOE	Smith, Brian A.	SW	NE	4	20N	24E		0.44	0.44	0.44	AFA			D
60877	083 N20 E22 27CAAB1		IND	WASHOE	SPPC	NE	SW	27	20N	22E		96.00		48.00	AFA	Y	60878, 69439, 69440	D
60878	083 N20 E22 27CBDA1		IND	WASHOE	SPPC	NW	SW	27	20N	22E		96.00		48.00	AFA	Y	60877, 69439, 69440	D
60982	083 N20 E22 32BCCA1	15962	IND	STOREY	Mars Petcare US, Inc.	SW	NW	32	20N	22E		70.00	70.00	10.34	AFA			M
61736	083 N20 E22 32DADA1		QM	STOREY	Waltham Road Industrial, LLC	NE	NE	32	20N	22E		140.00	140.00	3.50	AFA			D
61778	083 N20 E22 32CAAA1		QM	STOREY	TRI, G.I.D.	NE	SW	32	20N	22E		206.25		265.45	AFA	Y	Footnote 1	R
61891	083 N19 E21 15BBBC1		COM	WASHOE	TMWA	NW	NW	15	19N	21E		190.00		ABR	AFA	Y	87133	R
62256	083 N20 E22 36CBCB1		QM	STOREY	TRI, G.I.D.	NW	SW	36	20N	22E		206.25		0.00	AFA	Y	Footnote 1	R
62257	083 N19 E22 01ADAA1		QM	WASHOE	TRI, G.I.D.	SE	NE	1	19N	22E		206.25		0.00	AFA	Y	Footnote 1	R
62260	083 N20 E22 33DBAA1		QM	STOREY	TRI, G.I.D.	NW	NE	33	20N	22E		542.98		3.81	AFA	Y	Footnote 1	R
62261	083 N20 E22 36CDA1		QM	STOREY	TRI, G.I.D.	SE	SW	36	20N	22E		542.98		412.31	AFA	Y	Footnote 1	R
62262	083 N19 E22 01AACC1		QM	STOREY	TRI, G.I.D.	NE	NE	1	19N	22E		542.98		0.00	AFA	Y	Footnote 1	R
62274	083 N19 E21 35BBBD1	18172	IND	STOREY	Storey County Properties, LLC	NW	NW	35	19N	21E		8.72	187.20	0.00	AFA	Y	62275, 63865, 64735	R
62275	083 N19 E21 35BBBD1	18173	IND	STOREY	Storey County Properties, LLC	NW	NW	35	19N	21E		52.11		0.00	AFA	Y	62274, 63865, 64735	R
63547	083 N19 E21 10BDDA1	16975	IND	WASHOE	All-Lite Aggregate	SE	NW	10	19N	21E		110.20	110.20	42.78	AFA			D
63865	083 N19 E21 35BBBC1	18174	IND	STOREY	Storey County Properties, LLC	NW	NW	35	19N	21E		79.79		79.79	AFA	Y	62274, 62275, 64735	D
64735	083 N19 E21 35BBBC1	18174	IND	STOREY	Storey County Properties, LLC	NW	NW	35	19N	21E		61.38		61.38	AFA	Y	62274, 62275, 63865	D
65061	083 N19 E22 14ABBA1		QM	STOREY	TRI, G.I.D.	NW	NE	14	19N	22E		1000.00	2740.00	0.00	AFA	Y	Footnote 2	R
65062	083 N19 E22 10DDCB1		QM	STOREY	TRI, G.I.D.	Se	SE	10	19N	22E		1000.00		0.00	AFA	Y	Footnote 2	R
65063	083 N20 E23 32BDBD1		QM	STOREY	TRI, G.I.D.	SE	NW	32	20N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65064	083 N20 E23 31DDDD1		QM	STOREY	TRI, G.I.D.	SE	SE	31	20N	23E		1000.00		0.00	AFA	Y	Footnote 2	R

APP NO.	SITE NAME	STATUS	MOU	COUNTY	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER. ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNIT	SUPP SRC	SUPP GW APP NO.	METHOD
65065	083 N19 E23 05BDBB1		QM	STOREY	TRI, G.I.D.	LT1		5	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65066	083 N19 E23 20DBCBC1		QM	STOREY	TRI, G.I.D.	NW	SE	20	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65067	083 N19 E23 07ABAA1		QM	STOREY	TRI, G.I.D.	NW	NE	7	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65068	083 N19 E23 20BCAB1		QM	STOREY	TRI, G.I.D.	SW	NE	20	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65069	083 N19 E23 08BCCC1		QM	STOREY	TRI, G.I.D.	SW	NW	8	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65070	083 N19 E23 17CAAD1		QM	STOREY	TRI, G.I.D.	NE	SW	17	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65071	083 N19 E23 17BCCB1		QM	STOREY	TRI, G.I.D.	SW	NW	17	19N	23E		1000.00		0.00	AFA	Y	Footnote 2	R
65603	083 N20 E22 33DBAA1	19656	QM	STOREY	TRI, G.I.D.	NW	SE	33	20N	22E		13.44		0.00	AFA	Y	Footnote 1	R
66442	083 N20 E21 11CACD1	16115	STK	WASHOE	Depaoli, Edwin L.	SE	SW	11	20N	21E		8.96	8.96	8.96	AFA			D
66729	083 N19 E21 10CCBA1		IND	WASHOE	Grand Slam Enterprises, LLC	SW	SW	10	19N	21E		25.00		7.96	AFA	Y	74374, 74375, 74927	D
66825	083 N19 E21 09DDDB1	16979	COM	WASHOE	Grand Slam Enterprises, LLC	SE	SE	9	19N	21E		8.05	8.05	0.00	AFA	Y	66827	D
66827	083 N19 E21 09DDCD1	16963	COM	WASHOE	Grand Slam Enterprises, LLC	SE	SE	9	19N	21E		8.05		0.00	AFA	Y	66825	D
66965	083 N19 E21 10CCBA1	18137	IND	WASHOE	Washoe County	SW	SW	10	19N	21E		2.00	2.00	0.00	AFA			D
67149	083 N19 E21 15BCAA1		QM	STOREY	Hiatt Land and Development Co.	SW	NW	15	19N	21E		8.00		0.00	AFA	Y	57826, 77614, 87298	D
67176	083 N20 E22 31DDDD1		MUN	STOREY	TRI, G.I.D.	SE	SE	31	20N	22E		240.00	2195.29	240.00	AFA	Y	Footnote 1	R
67196	083 N20 E23 13ABAC1	17002	COM	WASHOE	Affirmative Action Training Fund	NW	NE	13	20N	23E		11.50	62.00	0.00	AFA	Y	Footnote 4	D
67198	083 N20 E23 13ABAC1	17003	COM	WASHOE	Affirmative Action Training Fund	NW	NE	13	20N	23E		30.03	0.00	28.42	AFA	Y	Footnote 4	D
67385	083 N19 E21 11CDBB1	18896	IND	STOREY	Nevada Hydracarbon, Inc.	SE	SW	11	19N	21E		26.59	26.59	14.74	AFA			D
67977	083 N20 E22 33BADB1		IND	STOREY	SPPC-Tracy Power Station	NE	NW	33	20N	22E		290.00	290.00	0.00	AFA			R
68663	083 N20 E23 13ABCD1	17004	COM	WASHOE	Operation Engineers Training Fund	NW	NE	13	20N	23E		10.00		10.00	AFA	Y	Footnote 4	D
69184	083 N19 E21 16DBDB1		QM	STOREY	Canyon General Improvement District	NW	SE	16	19N	21E		285.68		158.30	AFA	Y	51172, 51173	R
69299	083 N20 E22 31D	19574	MUN	STOREY	TRI, G.I.D.	SE	SE	31	20N	22E		31.85		7.22	AFA	Y	Footnote 1	R
69371	083 N20 E22 33BADB1		IND	STOREY	SPPC	NE	NW	33	20N	22E		26.29	26.29	0.00	AFA			R
69439	083 N20 E22 27CAAB1		IND	WASHOE	Stan Lucas	NE	SW	27	20N	22E		249.55	345.55	124.78	AFA	Y	60877, 60878, 69440	D
69440	083 N20 E22 27CBDA1		IND	WASHOE	Stan Lucas	NW	SW	27	20N	22E		249.55		124.78	AFA	Y	60877, 60878, 69439	D
70577	083 N20 E22 34BCBA1		IND	STOREY	Barrick Goldstrike Mines, Inc.	SW	NW	34	20N	22E		2.00	2.00	0.00	AFA			D
73759	083 N20 E24 08ACBB1		MUN	WASHOE	TMWA	SW	NE	8	20N	24E		19.50	19.50	0.00	AFA			R
73760	083 N20 E24 08ACBB1		MUN	WASHOE	TMWA	SW	NE	8	20N	24E		73.61	73.61	0.00	AFA			R
73761	083 N20 E24 08BDAA1		MUN	WASHOE	TMWA	SW	NW	8	20N	24E		56.89	56.89	0.00	AFA			R
73762	083 N20 E24 08ACBB1		MUN	WASHOE	TMWA	NW	SW	8	20N	24E		75.00	75.00	0.00	AFA			R
73763	083 N20 E24 08CBAC1		MUN	WASHOE	TMWA	SW	NE	8	20N	24E		50.00	50.00	0.00	AFA			R
73764	083 N20 E24 08ACBB1		MUN	WASHOE	TMWA	SW	SW	10	19N	21E		3.80	3.80	0.00	AFA			R
74374	083 N19 E21 10CCBA1		IND	WASHOE	Washoe County	SW	SW	10	19N	21E		10.00		0.00	AFA	Y	66729, 74375, 74927	D
74375	083 N19 E21 10CCBA1		IND	WASHOE	Washoe County	SW	SW	10	19N	21E		10.00		0.00	AFA	Y	66729, 74374, 72927	D

APP NO.	SITE NAME	STATUS	MOU	COUNTY	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER. ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNIT	SUPP SRC	SUPP GW APP NO.	METHOD
74927	083 N19 E21 10CCBA1	18259	QM	WASHOE	Grand Slam Enterprises, LLC	SW	SW	10	19N	21E		10.50	45.50	0.00	AFA	Y	66729, 74374, 74375	D
75839	083 N20 E22 21CDCD1		QM	WASHOE	Reno Technology Park Water Company	SE	SW	21	20N	22E		742.74	1121.60	75.01	AFA	Y	Footnote 3	D
75840	083 N20 E22 21CDDA1		QM	WASHOE	Reno Technology Park Water Company	SE	SW	21	20N	22E		742.74		91.50	AFA	Y	Footnote 3	D
75841	083 N20 E22 21CDDA1		QM	WASHOE	Reno Technology Park Water Company	SE	SW	21	20N	22E		285.60		0.00	AFA	Y	Footnote 3	D
76754	083 N19 E22 12BCDA1		QM	STOREY	TRI, G.I.D.	SW	NW	12	19N	22E		1000.00		275.70	AFA	Y	Footnote 2	R
77043	083 N20 E23 13ACBA1	19415	COM	WASHOE	Operation Engineers Training Fund	SW	NE	13	20N	23E		5.50		2.29	AFA	Y	Footnote 4	D
77044	083 N20 E23 13ACBA1	19416	COM	WASHOE	Operation Engineers Training Fund	SW	NE	13	20N	23E		4.97		0.00	AFA	Y	Footnote 4	D
77484	083 N19 E21 16BCCC1		COM	WASHOE	Granite Construction Company	SW	NW	16	19N	21E		8.00	8.00	3.46	AFA			R
77485	083 N19 E21 17CABC1		COM	WASHOE	Granite Construction Company	NE	SW	17	19N	21E		28.20	28.20	28.20	AFA			R
77614	083 N19 E21 15BBD1		QM	WASHOE	Hiatt Land and Development Co.	NW	NW	15	19N	21E		51.00		0.00	AFA	Y	57826, 67149, 87298	D
78031	083 N19 E21 17CABC1		IND	WASHOE	Granite Construction Company	NE	SW	17	19N	21E		32.58	32.58	11.25	AFA	Y	78032	R
78032	083 N19 E21 17CABC1		IND	WASHOE	Granite Construction Company	NE	SW	17	19N	21E		32.58		0.00	AFA	Y	78031	R
79685	083 N19 E22 12BCDA1		QM	STOREY	TRI, G.I.D.	SW	NW	12	19N	22E		2.11	2.11	0.00	AFA			R
80159	083 N20 E22 33DBAA1		QM	STOREY	TRI, G.I.D.	NW	SE	33	20N	22E		55.00	55.00	0.00	AFA			R
80304	083 N19 E22 12BCDA1		QM	STOREY	TRI, G.I.D.	SW	NW	12	19N	22E		2.63	2.63	0.00	AFA			R
80870	083 N19 E21 16DBDB1		QM	STOREY	Storey County	NW	SE	16	19N	21E		33.94	33.94	0.00	AFA			D
81718	083 N20 E22 36CDAA1		MUN	STOREY	TRI, G.I.D.	SE	SW	36	20N	22E		180.00	180.00	0.00	AFA			R
83083	083 N20 E22 31DBDC1		MUN	WASHOE	TRI, G.I.D.	NW	SE	31	20N	22E		32.58	32.58	0.00	AFA	Y	83084	R
83084	083 N20 E22 31DBDC1		MUN	WASHOE	TRI, G.I.D.	NW	SE	31	20N	22E		32.58		0.00	AFA	Y	83083	R
83085	083 N19 E22 12BCDA1		MUN	STOREY	TRI, G.I.D.	SW	NW	12	19N	22E		57.16	57.16	0.00	AFA	Y	83086	R
83086	083 N19 E22 12BCDA1		MUN	STOREY	TRI, G.I.D.	SW	NW	12	19N	22E		57.16		0.00	AFA	Y	83085	R
83299	083 N20 E22 36CDAA1		MUN	STOREY	TRI, G.I.D.	SE	SW	36	20N	22E		9.10	9.10	0.00	AFA			R
83300	083 N20 E22 36CDAA1		MUN	STOREY	TRI, G.I.D.	SE	SW	36	20N	22E		11.30	11.30	0.00	AFA			R
84172	083 N19 E21 14BBAC1		IND	STOREY	Refuse, Inc.	NW	NW	14	19N	21E		20.76		20.76	AFA			R
84173	083 N19 E21 14BBAC1		IND	STOREY	Refuse, Inc.	NW	NW	14	19N	21E		12.28		12.28	AFA			R
84174	083 N19 E21 14BBAC1		IND	STOREY	Refuse, Inc.	NW	NW	14	19N	21E		107.41		77.92	AFA			R
85222	083 N20 E22 31AAAA1		QM	WASHOE	Reno Technology Park Water Company	NE	NE	31	20N	22E		285.60		0.00	AFA	Y	Footnote 3	D
85223	083 N20 E22 31AADA1		QM	WASHOE	Reno Technology Park Water Company	NE	NE	31	20N	22E		97.26		0.00	AFA	Y	Footnote 3	D
85224	083 N20 E22 21CDCD1		QM	WASHOE	Reno Technology Park Water Company	SE	SW	21	20N	22E		97.26		0.00	AFA	Y	Footnote 3	D
85706	083 N20 E24 18AAAC1		COM	WASHOE	Evans, Donald L.	NE	NE	18	20N	24E		2.02	2.02	0.00	AFA			D
86490	083 N19 E21 16BBBA1		COM	WASHOE	Martin Marietta Minerals, Inc.	NW	NW	16	19N	21E		232.19	232.19	5.82	AFA			D
86556	083 N19 E22 02ACDA1		QM	STOREY	TRI G.I.D.	SW	NE	2	19N	22E		542.98		0.00	AFA	Y	Footnote 1	R
87133	083 N19 E21 15BBD1		MUN	WASHOE	TMWA	NW	NW	15	19N	21E		190.00	190.00	0.00	AFA	Y	87870	R
87183	083 N20 E22 33DBAA1		QM	STOREY	TRI G.I.D.	NW	SE	22	20N	22E		206.25	206.25	0.00	AFA			R

APP NO.	SITE NAME	STATUS	MOU	COUNTY	OWNER OF RECORD	QQ	QTR	SEC	T	R	PER. ACRES	DUTY (AF)	SUPP ADJ	DUTY USED	UNIT	SUPP SRC	SUPP GW APP NO.	METHOD
87298	083 N19 E21 15BBDC1		QM	WASHOE	Hiatt Land and Development Co.	NW	NW	15	19N	21E		6.00		0.00	AFA	Y	57826, 67149, 77614	D
87870	083 N19 E21 15BBDC1		MUN		TMWA	NW	NW	15	19N	21E		190.00		0.00	AFA			D
	083 N20 E24 04CBBB1		QM	WASHOE	Pyramid Lake Paiute Tribe									1000.00	AFA			D

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 1,125.60 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.

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

SITE NAME	APP NO.	MOU	OWNER OF RECORD	DUTY (AF) 2018	DUTY USED 2017	DUTY USED 2018
083 N18 E22 06CDBB1	50373	QM	VIRGINIA HIGHLANDS	7.15	2.00	2.00
083 N19 E21 01AABC1	31149	QM	TRI G.I.D.	3.36	0.00	0.00
083 N19 E21 02CABC1	29231	STK	TRI G.I.D.	4.48	0.00	0.00
083 N19 E21 09DAAD1	24642	IND	RENO DISPOSAL COMPANY	10.74	10.74	15.56
083 N19 E21 09DDCD1	66827	COM	GRAND SLAM ENTERPRISES LLC	8.05	0.00	0.00
083 N19 E21 09DDDB1	17335	MM	EP MINERALS LLC	55.02	0.00	0.00
083 N19 E21 09DDDB1	19042	DOM	GRAND SLAM ENTERPRISES LLC	1.90	1.90	1.90
083 N19 E21 09DDDB1	66825	COM	GRAND SLAM ENTERPRISES LLC	8.05	0.00	0.00
083 N19 E21 10BDDA1	63547	IND	ALL-LITE AGGREGATE (DBA)	110.20	110.20	42.78
083 N19 E21 10CCBA1	66729	IND	GRAND SLAM ENTERPRISES, LLC.	25.00	25.00	7.96
083 N19 E21 10CCBA1	66965	IND	WASHOE COUNTY	2.00	0.00	0.00
083 N19 E21 10CCBA1	74374	IND	WASHOE COUNTY	10.00	10.00	0.00
083 N19 E21 10CCBA1	74375	IND	WASHOE COUNTY	10.00	0.00	0.00
083 N19 E21 10CCBA1	74927	QM	GRAND SLAM ENTERPRISES, LLC	10.50	10.50	0.00
083 N19 E21 11CCCA1	55014	IND	NEVADA HYDROCARBON, INC.	6.18	0.00	0.00
083 N19 E21 11CDBB1	67385	IND	NEVADA HYDROCARBON, INC.	26.59	14.74	14.74
083 N19 E21 14BBAC1	84172	IND	REFUSE, INC.	20.76	20.76	20.76
083 N19 E21 14BBAC1	84173	IND	REFUSE, INC.	12.28	12.28	12.28
083 N19 E21 14BBAC1	84174	IND	REFUSE, INC.	107.41	73.25	77.92
083 N19 E21 15ABCA1	50536	QM	U. S. A.	10.00	0.00	0.00
083 N19 E21 15ABCD1	50537	QM	U. S. A.	10.00	0.00	0.00
083 N19 E21 15BBBC1	61891	COM	TMWA	190.00	0.00	ABR
083 N19 E21 15BBDA1	87133	MUN	TMWA	190.00	0.00	0.00
083 N19 E21 15BBDC1	77614	QM	HIATT LAND AND DEVELOPMENT CO	51.00	0.00	0.00
083 N19 E21 15BBDC1	87298	QM	HIATT LAND AND DEVELOPMENT CO	6.00	0.00	0.00
083 N19 E21 15BBDC1	87870	MUN	TMWA	190.00	0.00	0.00
083 N19 E21 15BCAA1	67149	QM	HIATT LAND AND DEVELOPMENT CO	8.00	0.00	0.00
083 N19 E21 15CBBD1	57826	QM	HIATT LAND AND DEVELOPMENT CO	65.00	0.00	0.00
083 N19 E21 16AAD1	45988	COM	BELL TELEPHONE COMPANY OF NEVADA	0.03	0.03	0.03
083 N19 E21 16BBBA1	86490	COM	MARTIN MARIETTA MATERIALS, INC.	232.19	0.01	5.82
083 N19 E21 16BCCC1	77484	COM	GRANITE CONSTRUCTION COMPANY	8.00	0.05	3.46
083 N19 E21 16CDAA1	50533	QM	STOREY COUNTY	14.64	9.82	10.56
083 N19 E21 16CDAA1	50534	QM	CANYON GENERAL IMPROVEMENT DISTRICT	4.30	0.00	0.00
083 N19 E21 16CDAA1	50535	QM	CANYON GENERAL IMPROVEMENT DISTRICT	12.92	0.00	0.00
083 N19 E21 16CDAA1	50538	QM	CANYON GENERAL IMPROVEMENT DISTRICT	9.97	0.00	0.00
083 N19 E21 16DBDB1	69184	QM	CANYON GENERAL IMPROVEMENT DISTRICT	285.68	84.27	158.30
083 N19 E21 16DBDB1	80870	QM	STOREY COUNTY	33.94	0.00	0.00
083 N19 E21 16DBDD1	36918	QM	CANYON GENERAL IMPROVEMENT DISTRICT	16.28	16.28	16.28
083 N19 E21 16DBDD1	45313	QM	JOSEPH F PERI FAMILY TRUST AND JAMES L PERI TRUST	10.00	10.00	1.82
083 N19 E21 17CABC1	77485	COM	GRANITE CONSTRUCTION COMPANY	28.20	28.20	28.20
083 N19 E21 17CABC1	78031	IND	GRANITE CONSTRUCTION COMPANY	32.58	15.29	11.25
083 N19 E21 17CABC1	78032	IND	GRANITE CONSTRUCTION COMPANY	32.58	0.00	0.00
083 N19 E21 17DCCB1	43626	COM	TRIPLE M CATTLE CO.	55.36	6.00	5.72
083 N19 E21 17DDAB1	51172	QM	CANYON GENERAL IMPROVEMENT DISTRICT	141.17	78.77	23.39
083 N19 E21 17DDAB1	51173	QM	CANYON GENERAL IMPROVEMENT DISTRICT	142.17	0.00	0.00
083 N19 E21 17DDDB1	26132	QM	MANHA, FRED G.	4.02	0.00	0.00
083 N19 E21 21ACBC1	50465	IND	REFUSE, INC.	0.71	0.00	0.00
083 N19 E21 22CDBD1	54972	IND	REFUSE, INC.	3.07	2.73	3.07
083 N19 E21 35BBBC1	63865	IND	STOREY COUNTY PROPERTIES LLC	79.79	79.79	79.79

SITE NAME	APP NO.	MOU	OWNER OF RECORD	DUTY (AF) 2018	DUTY USED 2017	DUTY USED 2018
083 N19 E21 35BBBC1	64735	IND	STOREY COUNTY PROPERTIES, LLC	61.38	61.38	61.38
083 N19 E21 35BBCD1	62274	IND	STOREY COUNTY PROPERTIES LLC	8.72	0.00	0.00
083 N19 E21 35BBCD1	62275	IND	STOREY COUNTY PROPERTIES LLC	52.11	0.00	0.00
083 N19 E22 01AACCC1	62262	QM	TRI G.I.D.	542.98	0.00	0.00
083 N19 E22 01ADAA1	62257	QM	TRI G.I.D.	206.25	0.00	0.00
083 N19 E22 02ACDA1	86556	QM	TRI G.I.D.	542.98	0.00	0.00
083 N19 E22 06BBAC1	31285	QM	TRI G.I.D.	2.24	0.00	0.00
083 N19 E22 10DDCB1	65062	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E22 12BCDA1	76754	QM	TRI G.I.D.	1000.00	497.37	275.70
083 N19 E22 12BCDA1	79685	QM	TRI G.I.D.	2.11	0.00	0.00
083 N19 E22 12BCDA1	80304	QM	TRI G.I.D.	2.63	0.00	0.00
083 N19 E22 12BCDA1	83085	MUN	TRI G.I.D.	57.16	0.00	0.00
083 N19 E22 12BCDA1	83086	MUN	TRI G.I.D.	57.16	0.00	0.00
083 N19 E22 14ABBA1	65061	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 05BDBB1	65065	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 07ABAA1	65067	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 08BCCC1	65069	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 17BCCB1	65071	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 17CAAD1	65070	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 20BCAB1	65068	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N19 E23 20BCB1	65066	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N20 E21 11CACD1	66442	STK	DEPAOLI, EDWIN L.	8.96	8.96	8.96
083 N20 E22 21CDCD1	75839	QM	RENO TECHNOLOGY PARK WATER COMPANY	742.74	14.82	75.01
083 N20 E22 21CDCD1	85224	QM	RENO TECHNOLOGY PARK WATER COMPANY	97.26	0.00	0.00
083 N20 E22 21CDDA1	75840	QM	RENO TECHNOLOGY PARK WATER COMPANY	742.74	32.01	91.50
083 N20 E22 21CDDA1	75841	QM	RENO TECHNOLOGY PARK WATER COMPANY	285.60	0.00	0.00
083 N20 E22 27CAAB1	60877	IND	SIERRA PACIFIC POWER COMPANY	96.00	48.00	48.00
083 N20 E22 27CAAB1	69439	IND	STAN LUCAS	249.55	124.78	124.78
083 N20 E22 27CBDA1	60878	IND	SIERRA PACIFIC POWER COMPANY	96.00	48.00	48.00
083 N20 E22 27CBDA1	69440	IND	STAN LUCAS	249.55	124.78	124.78
083 N20 E22 27CDAD1	50936	COM	ROBERT L. HELMS CONST. & DEVEL. CO.	2.03	2.03	2.03
083 N20 E22 31AAAA1	85222	QM	RENO TECHNOLOGY PARK WATER COMPANY	285.60	0.00	0.00
083 N20 E22 31AADA1	85223	QM	RENO TECHNOLOGY PARK WATER COMPANY	97.26	0.00	0.00
083 N20 E22 31DBDC1	83083	MUN	TRI G.I.D.	32.58	0.00	0.00
083 N20 E22 31DBDC1	83084	MUN	TRI G.I.D.	32.58	0.00	0.00
083 N20 E22 31DDDD1	67176	MUN	TRI G.I.D.	240.00	211.70	240.00
083 N20 E22 31DDDD1	69299	MUN	TRI G.I.D.	31.85	0.00	7.22
083 N20 E22 32AABA1	30177	MM	SPPC	317.32	0.00	0.00
083 N20 E22 32BCCA1	60982	IND	MARS PETCARE US INC	70.00	15.01	10.34
083 N20 E22 32CAAA1	61778	QM	TRI G.I.D.	206.25	205.57	265.45
083 N20 E22 32DADA1	61736	QM	WALTHAM ROAD INDUSTRIAL LLC	140.00	3.44	3.50
083 N20 E22 33ABCB1	25354	IND	ARCADIA AIR PRODUCTS COMPANY, INC.	5.59	5.59	5.59
083 N20 E22 33ABCB1	28054	IND	SPPC	310.00	146.45	294.53
083 N20 E22 33BADB1	60080	IND	SPPC	112.22	96.85	37.62
083 N20 E22 33BADB1	67977	IND	S. P. P. CO. TRACY POWER STATION	290.00	0.00	0.00
083 N20 E22 33BADB1	69371	IND	SIERRA PACIFIC POWER COMPANY	26.29	0.00	0.00
083 N20 E22 33DBAA1	62260	QM	TRI G.I.D.	542.98	0.00	3.81
083 N20 E22 33DBAA1	65603	QM	TRI G.I.D.	13.44	0.00	0.00

SITE NAME	APP NO.	MOU	OWNER OF RECORD	DUTY (AF) 2018	DUTY USED 2017	DUTY USED 2018
083 N20 E22 33DBAA1	80159	QM	TRI G.I.D.	55.00	0.00	0.00
083 N20 E22 33DBAA1	87183	QM	TRI G.I.D.	206.25	5.99	0.00
083 N20 E22 34CBBA1	70577	IND	BARRICK GOLDSTRIKE MINES INC	2.00	0.00	0.00
083 N20 E22 35ABBA1	19862	MM	EP MINERALS LLC	220.80	4.58	6.00
083 N20 E22 35ABCA1	27087	MM	EP MINERALS LLC	62.91	0.00	0.00
083 N20 E22 36CBCB1	62256	QM	TRI G.I.D.	206.25	0.00	0.00
083 N20 E22 36CDAA1	62261	QM	TRI G.I.D.	542.98	542.98	412.31
083 N20 E22 36CDAA1	81718	MUN	TRI G.I.D.	180.00	180.00	0.00
083 N20 E22 36CDAA1	83299	MUN	TRI G.I.D.	9.10	9.10	0.00
083 N20 E22 36CDAA1	83300	MUN	TRI G.I.D.	11.30	390.03	0.00
083 N20 E23 04ABCA1	47361	STK	BLM	7.18	0.00	0.00
083 N20 E23 13ABAC1	67196	COM	AFFIRMATIVE ACTION TRAINING FUND	11.50	11.50	0.00
083 N20 E23 13ABAC1	67198	COM	AFFIRMATIVE ACTION TRAINING FUND	30.03	41.50	28.42
083 N20 E23 13ABCD1	68663	COM	OPERATING ENGINEERS TRAINING FUND	10.00	10.00	10.00
083 N20 E23 13ACBA1	77043	COM	OPERATING ENGINEERS AND PARTICIPATING EMPLOYERS PR	5.50	5.50	2.29
083 N20 E23 13ACBA1	77044	COM	OPERATING ENGINEERS AND PARTICIPATING EMPLOYERS PR	4.97	4.97	0.00
083 N20 E23 31DDDD1	65064	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N20 E23 32DBDB1	65063	QM	TRI G.I.D.	1000.00	0.00	0.00
083 N20 E24 03CCBD1	29867	IRR	USA IN TRUST FOR THE PYRAMID LAKE PAIUTE TRIBE	448.20	0.00	0.00
083 N20 E24 03DBBA1	46536	IND	SMITH, LEE	0.98	0.00	0.00
083 N20 E24 03DBBA1	53379	IND	SMITH, LEE	3.74	0.00	0.00
083 N20 E24 03DCAB1	54195	IND	SMITH, LEE	3.01	0.00	0.00
083 N20 E24 03DCAC1	45275	IND	SMITH, LEE	11.40	0.00	0.00
083 N20 E24 03DCAC1	53820	IND	SMITH, LEE	2.46	0.00	0.00
083 N20 E24 04ACDB1	60770	QM	SMITH, BRIAN A.	0.44	0.44	0.44
083 N20 E24 04CBBB1	34924	IRR	PYRAMID LAKE PAIUTE TRIBE	6.00	0.00	0.00
083 N20 E24 04CBBB1	45508	IRR	PYRAMID LAKE TRIBE OF INDIANS	187.60	0.00	0.00
083 N20 E24 04CBBB1	No Permit Issued	QM	PYRAMID LAKE PAIUTE TRIBE		1000.00	1000.00
083 N20 E24 04CDAD1	27294	STK	DEPAOLI BROTHERS	4.48	0.11	0.09
083 N20 E24 04DDDD1	29866	QM	USA IN TRUST FOR THE PYRAMID LAKE PAIUTE TRIBE	7.06	7.06	7.06
083 N20 E24 08ACBB1	35581	QM	TMWA	57.50	5.46	5.30
083 N20 E24 08ACBB1	73759	MUN	TMWA	19.50	0.00	0.00
083 N20 E24 08ACBB1	73760	MUN	TMWA	73.61	0.00	0.00
083 N20 E24 08ACBB1	73762	MUN	TMWA	75.00	0.00	0.00
083 N20 E24 08ACBB1	73764	MUN	TMWA	3.80	0.00	0.00
083 N20 E24 08BDAA1	35582	QM	TMWA	57.50	9.22	9.76
083 N20 E24 08BDAA1	73761	MUN	TMWA	56.89	0.00	0.00
083 N20 E24 08CBAC1	73763	MUN	TMWA	50.00	0.00	0.00
083 N20 E24 08CCCC1	48984	QM	BOUMA, DORTHA M	4.48	4.48	4.48
083 N20 E24 18AAAC1	85706	COM	EVANS, DONALD L.	2.02	0.00	0.00
083 N20 E24 18BCDD1	44444	COM	NEVADA-DEPARTMENT OF TRANSPORTATION	7.18	7.18	7.18
83 N20 E24 03CACD1	45553	IRR	USA IN TRUST FOR THE PYRAMID LAKE PAIUTE TRIBE	227.00	0.00	0.00

ABR: Abrogated