

# **Committed Groundwater Resources in Four Nevada Hydrographic Areas: Cave, Dry Lake, Delamar, and Spring Valleys**

**PRESENTATION TO THE OFFICE OF THE NEVADA STATE ENGINEER**

Prepared for



**SOUTHERN NEVADA  
WATER AUTHORITY**

Prepared by

**Stanka Consulting, LTD**

**A Professional Engineering Company**

June 2011

ATTORNEY-CLIENT WORK PRODUCT  
DRAFT

This document's use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the Southern Nevada Water Authority. Although trademarked names are used, a trademark symbol does not appear after every occurrence of a trademarked name. Every attempt has been made to use proprietary trademarks in the capitalization style used by the manufacturer.

Suggested citation:

Stanka, M.A., 2011, Committed groundwater resources in four Nevada hydrographic areas: Cave, Dry Lake, Delamar, and Spring valleys: Presentation to the Office of the Nevada State Engineer: Stanka Consulting, LTD., Carson City, Nevada.

# Committed Groundwater Resources in Four Nevada Hydrographic Areas: Cave, Dry Lake, Delamar, and Spring Valleys

Submitted to:  
Jason King, P.E., State Engineer  
State of Nevada  
Department of Conservation & Natural Resources  
Division of Water Resources  
901 S. Stewart Street, Suite 2002  
Carson City, Nevada 89701

Pertaining to:  
Groundwater Applications 54003 through 54021 in  
Spring Valley  
and  
Groundwater Applications 53987 through 53992 in  
Cave, Dry Lake, and Delamar Valleys

June 2011

Prepared by:  
Stanka Consulting, LTD  
301 West King Street  
Carson City, Nevada 89703



Michael A. Stanka, P.E.



June 17 2011  
Date

## CONTENTS

List of Figures .....	ix
List of Tables .....	xi
List of Acronyms and Abbreviations .....	xiii
Executive Summary .....	ES-1
1.0 Methodology .....	1-1
1.1 Quantify and Classify All “Active” Water Rights .....	1-1
1.2 Quantify Sole Source Versus Supplemental Groundwater Irrigation Water Rights .....	1-2
1.3 Quantify and Adjust for Groundwater Supplemental to Surface Water Irrigation Rights .....	1-3
1.4 Estimated Crop Consumptive Use .....	1-4
1.5 Estimated Domestic Water Use and Secondary Recharge .....	1-5
1.6 Summary .....	1-5
2.0 Cave Valley .....	2-1
2.1 Introduction .....	2-1
2.2 Summary of Water Rights in Cave Valley .....	2-4
2.2.1 Water Rights and Applications per Manner of Use .....	2-5
2.2.1.1 Stockwater Rights .....	2-5
2.2.1.2 Domestic Rights .....	2-7
2.2.1.3 “Other” Rights .....	2-7
2.2.1.4 Municipal/Quasi-Municipal Water Rights .....	2-7
2.2.1.5 Irrigation Water Rights .....	2-7
2.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental) .....	2-8
2.4 Evaluation of NDWR Hydrographic Area Summary .....	2-8
2.5 Supplemental Analysis Groundwater versus Surface Water .....	2-9
2.6 Adjusted Duty for Supplemental Groundwater Rights in Cave Valley .....	2-9
2.7 Estimated Crop Consumptive Use for Cave Valley .....	2-9
2.8 Estimated Domestic Water Use and Secondary Recharge .....	2-9
2.9 Summary .....	2-12
3.0 Dry Lake Valley .....	3-1
3.1 Introduction .....	3-1
3.2 Summary of Water Rights in Dry Lake Valley .....	3-4
3.2.1 Water Rights and Applications per Manner of Use .....	3-5
3.2.1.1 Stockwater Rights .....	3-5
3.2.1.2 Mining and Milling Rights .....	3-7
3.2.1.3 “Other” Rights .....	3-7
3.2.1.4 Municipal/Quasi-Municipal Water Rights .....	3-7
3.2.1.5 Irrigation Water Rights .....	3-7

**CONTENTS (CONTINUED)**

3.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental) . . . . . 3-8

3.4 Evaluation of NDWR Hydrographic Area Summary . . . . . 3-10

3.5 Supplemental Analysis Groundwater versus Surface Water . . . . . 3-10

3.6 Adjusted Duty for Supplemental Groundwater Rights in Dry Lake Valley . . . . 3-12

3.7 Estimated Crop Consumptive Use for Dry Lake Valley . . . . . 3-12

3.8 Estimated Domestic Water Use and Secondary Recharge . . . . . 3-12

3.9 Summary . . . . . 3-14

4.0 Delamar Valley . . . . . 4-1

4.1 Introduction . . . . . 4-1

4.2 Summary of Water Rights in NDWR HA 182, Delamar Valley . . . . . 4-4

4.2.1 Water Rights and Applications per Manner of Use . . . . . 4-5

4.2.1.1 Stockwater Rights . . . . . 4-5

4.2.1.2 Domestic Rights . . . . . 4-7

4.2.1.3 Mining and Milling Rights . . . . . 4-7

4.2.1.4 Industrial Rights . . . . . 4-7

4.2.1.5 “Other” Rights . . . . . 4-7

4.2.1.6 Municipal/Quasi-Municipal Water Rights . . . . . 4-8

4.2.1.7 Irrigation Water Rights . . . . . 4-8

4.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental) . . . . . 4-8

4.4 Evaluation of NDWR Hydrographic Area Summary . . . . . 4-9

4.5 Supplemental Analysis Groundwater versus Surface Water . . . . . 4-9

4.6 Adjusted Duty for Supplemental Groundwater Rights in Delamar Valley . . . . . 4-9

4.7 Estimated Crop Consumptive Use for Delamar Valley . . . . . 4-9

4.8 Estimated Domestic Water Use and Secondary Recharge . . . . . 4-9

4.9 Summary . . . . . 4-11

5.0 Spring Valley . . . . . 5-1

5.1 Introduction . . . . . 5-1

5.2 Summary of Water Rights in NDWR HA 184, Spring Valley . . . . . 5-4

5.2.1 Water Rights and Applications per Manner of Use . . . . . 5-5

5.2.1.1 Stockwater Rights . . . . . 5-6

5.2.1.2 Power Rights . . . . . 5-6

5.2.1.3 Domestic Rights . . . . . 5-8

5.2.1.4 Wildlife Rights . . . . . 5-8

5.2.1.5 Mining and Milling Rights . . . . . 5-8

5.2.1.6 “Other” Rights . . . . . 5-9

5.2.1.7 Municipal/Quasi-Municipal Water Rights . . . . . 5-9

5.2.1.8 Commercial Water Rights . . . . . 5-9

5.2.1.9 Irrigation Water Rights . . . . . 5-10

**CONTENTS (CONTINUED)**

5.3	Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental) . . . . .	5-11
5.3.1	Certificated Water Rights . . . . .	5-12
5.3.2	Permitted Water Rights . . . . .	5-15
5.3.3	Groundwater Supplemental Analysis Summary . . . . .	5-18
5.4	Evaluation of NDWR Hydrographic Area Summary . . . . .	5-18
5.5	Supplemental Analysis Groundwater versus Surface Water . . . . .	5-19
5.6	Adjusted Duty for Supplemental Groundwater Rights in Spring Valley . . . . .	5-25
5.6.1	Spring Valley Hydrograph Analysis . . . . .	5-26
5.6.2	Comparison of Cleve Creek to Daggett Creek . . . . .	5-28
5.6.3	Adjusted Duty Application to Spring Valley Supplemental Groundwater Rights . . . . .	5-30
5.7	Estimated Crop Consumptive Use for Spring Valley . . . . .	5-31
5.8	Estimated Domestic Water Use and Secondary Recharge . . . . .	5-34
5.9	Summary . . . . .	5-35
6.0	Conclusion . . . . .	6-1
7.0	References . . . . .	7-1
Appendix 1 - List of Definitions Nevada Division of Water Planning Water Words Dictionary		
Appendix 2 - Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley		
Appendix 3 - NDWR HA 180, Cave Valley, Spreadsheet of Water Rights		
Appendix 4 - NDWR HA 180 Summary		
Appendix 5 - Hydrographic Abstract for All Active Applications within NDWR Hydrographic Area 180, Cave Valley, with Manner of Use as “Stockwater”		
Appendix 6 - Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Domestic”		
Appendix 7 - Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Other”		
Appendix 8 - Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Municipal/Quasi-Municipal”		
Appendix 9 - Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Irrigation”		

**CONTENTS (CONTINUED)**

- Appendix 10 - NDWR Well Driller's Log Database–Basin 180
- Appendix 11 - Hydrographic Abstract for All Active Applications within Dry Lake Valley
- Appendix 12 - NDWR HA 181, Dry Lake Valley, Spreadsheet of Water Rights
- Appendix 13 - NDWR HA 181 Summary
- Appendix 14 - Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Stockwater”
- Appendix 15 - Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Mining and Milling”
- Appendix 16 - Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Other”
- Appendix 17 - Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Municipal/Quasi-Municipal”
- Appendix 18 - Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Irrigation”
- Appendix 19 - Map of Groundwater Place of Use Township 1 South, Range 65 East MDBM
- Appendix 20 - NDWR ET Rates for Basin 181, Dry Lake Valley
- Appendix 21 - NDWR Well Driller's Log Database–Basin 181
- Appendix 22 - NDWR Hydrographic Abstract for All Active Applications within NDWR HA 182, Delamar Valley
- Appendix 23 - NDWR HA 182, Delamar Valley, Spreadsheet of Water Rights
- Appendix 24 - NDWR Hydrographic Area Summary for Delamar Valley
- Appendix 25 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Stockwater”
- Appendix 26 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Domestic”

**CONTENTS (CONTINUED)**

Appendix 27 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Mining and Milling”

Appendix 28 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Industrial”

Appendix 29 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Other”

Appendix 30 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Municipal/Quasi-Municipal”

Appendix 31 - Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Irrigation”

Appendix 32 - NDWR Well Driller’s Log Database–Basin 182

Appendix 33 - Hydrographic Abstract for All Active Applications within NDWR 184, Spring Valley

Appendix 34 - NDWR HA 184, Spring Valley, Spreadsheet of Water Rights

Appendix 35 - NDWR HA 184 Summary

Appendix 36 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Stockwater”

Appendix 37 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Power”

Appendix 38 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Domestic”

Appendix 39 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Wildlife”

Appendix 40 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Mining and Milling”

Appendix 41 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Other”

**CONTENTS (CONTINUED)**

Appendix 42 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Municipal/Quasi-Municipal”

Appendix 43 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Commercial”

Appendix 44 - Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Irrigation”

Appendix 45 - Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights (Un-sorted)

Appendix 46 - Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights (Sorted)

Appendix 47 - Groundwater Place of Use Township 16N, Range 67E; Portion of Township 16N, Range 66E, MDBM

Appendix 48 - Groundwater Place of Use Township 18N, Range 67E; Portion of Township 18N, Range 66E, MDBM

Appendix 49 - Groundwater Place of Use Township 19N, Range 66E; Portion of Township 19N, Range 67E, MDBM

Appendix 50 - Groundwater Place of Use Township 20N, Range 66E; Portion of Township 20N, Range 67E, MDBM

Appendix 51 - Groundwater Place of Use Township 12N, Range 67E, MDBM

Appendix 52 - Groundwater Place of Use Township 13N, Range 67E, MDBM

Appendix 53 - Groundwater Place of Use Township 18N, Range 68E, Range 68E, MDBM

Appendix 54 - Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Surface Water Rights (Un-Sorted)

Appendix 55 - Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Groundwater and Surface Water Irrigation

Appendix 56 - Spring Valley: Groundwater to Surface Water Supplemental Analysis

**CONTENTS (CONTINUED)**

Appendix 57 - Surface Water Place of Use Township 16N, Range 66E; Portion of Township 16N, Range 67E, MDBM

Appendix 58 - Surface Water Place of Use Township 18N, Range 66E; Portion of Township 18N, Range 67E, MDBM

Appendix 59 - Surface Water Place of Use Township 19N, Range 66E; Portion of Township 19N, Range 67E, MDBM

Appendix 60 - Surface Water Place of Use Township 20N, Range 66E; Portion of Township 20N, Range 67E, MDBM

Appendix 61 - Surface Water Place of Use Township 12N, Range 67E, MDBM

Appendix 62 - Surface Water Place of Use Township 13N, Range 67E, MDBM

Appendix 63 - Surface Water Place of Use Township 18N, Range 68E, MDBM

Appendix 64 - Surface Water and Groundwater Place of Use Township 16N, Range 67E; Portion of Township 16N, Range 66E, MDBM

Appendix 65 - Surface Water and Groundwater Place of Use Township 18N, Range 67E; Portion of Township 18N, Range 66E, MDBM

Appendix 66 - Surface Water and Groundwater Place of Use Township 19N, Range 66E; Portion of Township 19N, Range 67E, MDBM

Appendix 67 - Surface Water and Groundwater Place of Use Township 20N, Range 66E; Portion of Township 20N, Range 67E, MDBM

Appendix 68 - Surface Water and Groundwater Place of Use Township 12N, Range 67E, MDBM

Appendix 69 - Surface Water and Groundwater Place of Use Township 13N, Range 67E, MDBM

Appendix 70 - Surface Water and Groundwater Place of Use Township 18N, Range 68E, MDBM

Appendix 71 - USGS Surface-Water Monthly Statistics - USGS 10243700 CLEVE CK NR ELY, NV

Appendix 72 - Supplemental Data

Appendix 73 - USGS Surface-Water Monthly Statistics - USGS 10310400 DAGGETT CK NR  
GENOA, NV

Appendix 74 - NDWR ET Rates for Basin 184, Spring Valley

Appendix 75 - NDWR Well Driller's Log-Basin 184

**FIGURES**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
ES-1	Location Map .....	ES-2
1-1	Total Groundwater Rights per Analyzed Category .....	1-6
1-2	Process and Steps to Analyze and Quantify Existing Groundwater Rights within Selected Basins in Nevada .....	1-7
2-1	Cave Valley .....	2-2
2-2	Township/Ranges within NDWR HA 180, Cave Valley .....	2-3
2-3	Points of Diversion for all Active Water Rights and Active Applications for Water Rights within NDWR HA 180, Cave Valley .....	2-6
2-4	Township/Range of Surface Water Irrigation Rights (Cave Valley) .....	2-10
3-1	Dry Lake Valley .....	3-2
3-2	Township/Ranges within NDWR HA 181, Dry Lake Valley .....	3-3
3-3	Points of Diversion for all Active Water Rights and Active Applications for Water Rights within Dry Lake Valley .....	3-6
3-4	Township/Range of Groundwater Irrigation Rights (Dry Lake Valley) .....	3-9
3-5	Township/Range of Surface Water and Groundwater Irrigation Rights (Dry Lake Valley) .....	3-11
4-1	Delamar Valley .....	4-2
4-2	Township/Ranges within NDWR HA 182, Delamar Valley .....	4-3
4-3	Points of Diversion for all Active Water Rights and Active Applications for Water Rights within Delamar Valley .....	4-6
4-4	Township/Range of Surface Water Irrigation Rights (Delamar Valley) .....	4-10
5-1	Spring Valley .....	5-2
5-2	Townships/Ranges within NDWR HA 184, Spring Valley .....	5-3
5-3	Points of Diversion for all Active Water Rights and Active Applications for Water Rights within Spring Valley .....	5-7

---

**FIGURES (CONTINUED)**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
5-4	Township/Range of Groundwater Irrigation Rights within Spring Valley . . . . .	5-13
5-5	Township/Range of Surface Water Irrigation Rights (Spring Valley). . . . .	5-21
5-6	Township/Range of Surface Water and Groundwater Irrigation Rights (Spring Valley). . . . .	5-23
5-7	Mean Flow per Month - Cleve Creek. . . . .	5-26
5-8	Cleve Creek Hydrograph with Supplemental Groundwater. . . . .	5-27
5-9	Mean Flow per Month - Daggett Creek . . . . .	5-29

**TABLES**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
ES-1	Estimated Committed Groundwater Resources .....	ES-3
1-1	Hydrographic Areas .....	1-1
2-1	Number of Active Records Listed per Manner of Use and Status (Cave Valley) .....	2-4
2-2	Number of Active Records Listed per Manner of Use and Source (Cave Valley).....	2-4
2-3	Cave Valley Existing Groundwater Rights, Supplementally Adjusted .....	2-9
2-4	Cave Valley Committed Groundwater Rights Adjusted for Consumptive Use .....	2-12
3-1	Number of Active Records Listed per Manner of Use and Status (Dry Lake Valley)....	3-4
3-2	Number of Active Records Listed per Manner of Use and Source (Dry Lake Valley) ...	3-4
3-3	Dry Lake Valley Existing Groundwater Rights, Supplementally Adjusted .....	3-10
3-4	Consumptive Use of Groundwater Rights within Dry Lake Valley.....	3-12
3-5	Committed Groundwater Rights Adjusted for Supplemental and Consumptive Use ...	3-14
4-1	Number of Active Records Listed per Manner of Use and Status (Delamar Valley)....	4-4
4-2	Number of Active Records Listed per Manner of Use and Source (Delamar Valley)....	4-5
4-3	Delamar Valley Existing Groundwater Rights, Supplementally Adjusted.....	4-9
4-4	Committed Groundwater Rights Adjusted for Supplemental and Consumptive Use ...	4-12
5-1	Number of Active Records Listed per Manner of Use and Status (Spring Valley) .....	5-4
5-2	Number of Active Records Listed per Manner of Use and Source (Spring Valley) .....	5-5
5-3	Total Groundwater Rights–Not Supplementally Adjusted.....	5-6
5-4	Township/Range of Groundwater Irrigation Rights within Spring Valley.....	5-12
5-5	Spring Valley Underground Irrigation Rights per Analysis Category .....	5-14
5-6	Certificated Groundwater Rights with Manner of Use as Irrigation.....	5-16
5-7	Analysis by Subdivision of Selected Permits .....	5-17

**TABLES (CONTINUED)**

<b>NUMBER</b>	<b>TITLE</b>	<b>PAGE</b>
5-8	Permitted Groundwater Rights with Manner of Use as Irrigation . . . . .	5-18
5-9	Non-Supplemental Groundwater Irrigation Rights in Spring Valley . . . . .	5-19
5-10	Spring Valley Existing Groundwater Rights, Supplementally Adjusted . . . . .	5-19
5-11	Township/Range of Surface Water Irrigation Rights within Spring Valley. . . . .	5-22
5-12	Summary of Groundwater to Surface Water Supplemental Analysis . . . . .	5-24
5-13	Spring Valley Analysis of Supplemental Groundwater to Surface Water Rights . . . . .	5-25
5-14	Surface Water and Groundwater Percentage Used during an Average Year . . . . .	5-27
5-15	Spring Valley Adjusted Duty for Supplemental Groundwater to Surface Water Rights . . . . .	5-31
5-16	Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley . . . . .	5-31
5-17	Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley with Priority Dates after October 17, 1989 . . . . .	5-32
5-18	Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley with Priority Dates before October 17, 1989 . . . . .	5-32
5-19	Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley . . . . .	5-33
5-20	Consumptive Use with Varying Duties of Sole Source (Non-Supplemental) Groundwater Rights within Spring Valley with Priority Dates after October 17, 1989. . . . .	5-33
5-21	Consumptive Use with Varying Duties of Sole Source (Non-Supplemental) Groundwater Rights within Spring Valley with Priority Dates before October 17, 1989. . . . .	5-33
5-22	Committed Groundwater Rights, Adjusted for Supplemental and Consumptive use . . .	5-35
6-1	Estimated Committed Groundwater Resources . . . . .	6-2

## **ACRONYMS**

APP	Application
BM	Baseline Meridian
DLE	Desert Land Entry
ET	evapotranspiration
HA	hydrographic area
MDBM	Mt. Diablo Baseline and Meridian
NDWR	Nevada Division of Water Resources
NIWR	Net Irrigation Water Requirements
NRS	Nevada Revised Statutes
NSE	Nevada State Engineer
OSW	Other Surface Water
PBU	Proof of Beneficial Use
PER	Permit
PLSS	Public Land Survey System
POD	point of diversion
POU	Place of Use
Q	Quarter
QM	Quasi-Municipal
QQ	Quarter-Quarter
RFA	Ready for Action
RFP	Ready for Action (Protested)
Rng	Range
Sec	Section
SNWA	Southern Nevada Water Authority
SPR	Spring
STR	Stream
TwN	Township
UG	Underground
USGS	U.S. Geological Survey

## **ABBREVIATIONS**

af	acre-feet
afa	acre-feet annually
c.f.s.	cubic feet per second

***ABBREVIATIONS (CONTINUED)***

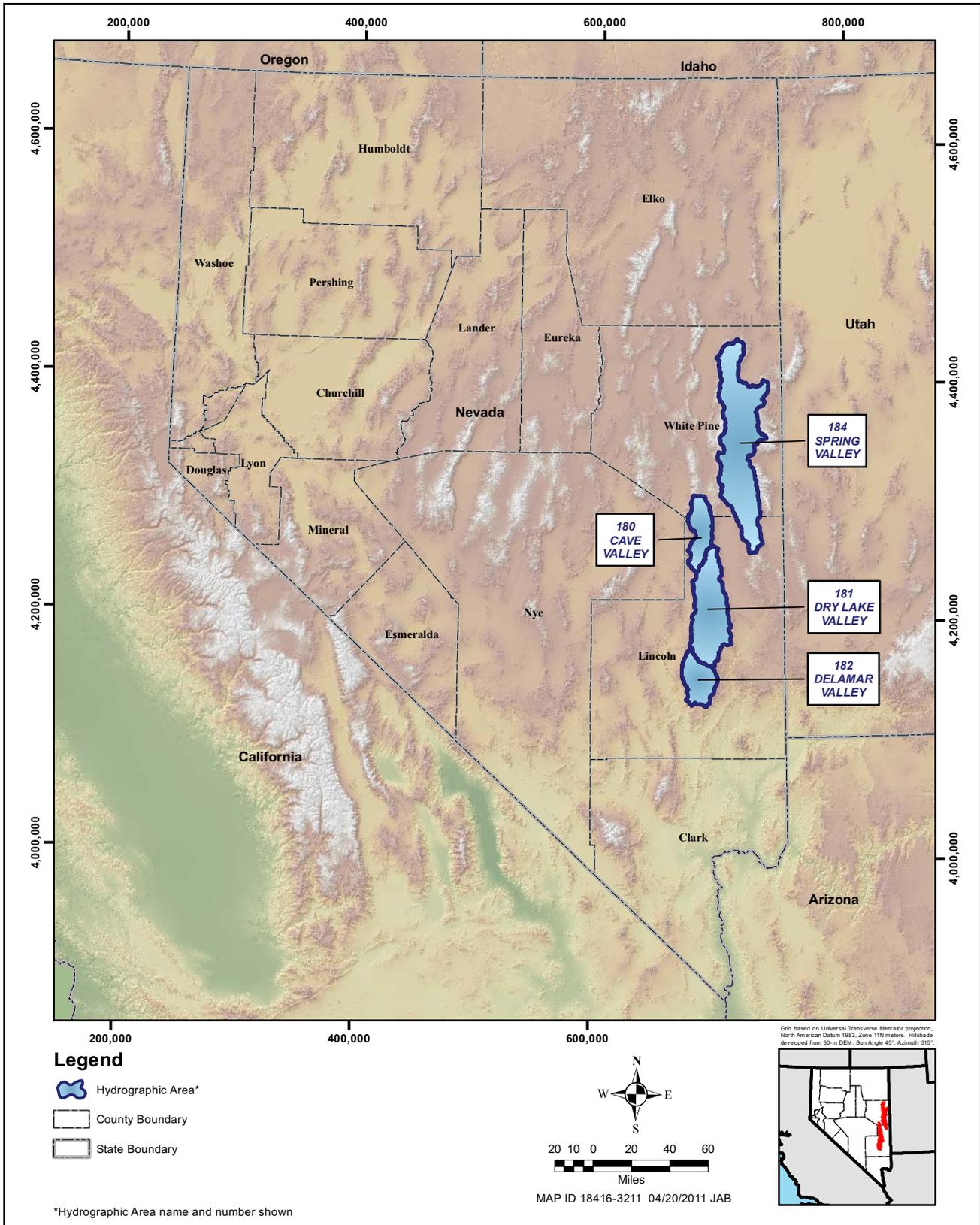
ft	foot
in.	inch
gpd	gallons per day
mga	million gallons annually
yr	year

## **EXECUTIVE SUMMARY**

The Nevada State Engineer has scheduled a Hearing on Remand regarding the Southern Nevada Water Authority's (SNWA) applications to appropriate groundwater (Application Nos. 53987 through 53992 and 54003 through 54021). All of these applications have a priority date of October 17, 1989 and are located in Cave, Dry Lake, Delamar, and Spring Valley Hydrographic Areas. Stanka Consulting, LTD., has completed the following "Committed Groundwater Resources in Four Nevada Hydrographic Areas: Cave, Dry Lake, Delamar, and Spring Valley" report quantifying the estimated committed groundwater resources in each of those hydrographic areas. The groundwater resources were further analyzed to determine the quantity of committed groundwater rights with priority dates prior to October 17, 1989. All four of these Nevada Division of Water Resources (NDWR) Hydrographic Areas are located in the east-central portion of Nevada and within the Central Hydrographic Region ([Figure ES-1](#)).

Definitions of terms used within this report are included in [Appendix 1, List of Definitions Nevada Division of Water Planning Water Words Dictionary](#). The purpose of this Report is to analyze the existing water rights within the four NDWR Hydrographic Areas: Cave, Dry Lake, Delamar, and Spring Valleys and complete the following:

- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust irrigation groundwater rights based on supplemental analysis,
- Adjust irrigation groundwater rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.



\*Hydrographic Area name and number shown

**Figure ES-1  
Location Map**

Table ES-1 lists the estimated committed groundwater resources per hydrographic area resulting from the analyses of the existing groundwater rights.

**Table ES-1  
Estimated Committed Groundwater Resources**

<b>Hydrographic Area</b>	<b>Total Committed Groundwater Resources (af)</b>	<b>Committed Groundwater Resources with Priority dates after October 17, 1989 (af)</b>	<b>Committed Groundwater Resources with Priority dates prior to October 17, 1989 (af)</b>
Cave Valley	51.37	33.6	17.77
Dry Lake Valley	807.78	746.66	61.12
Delamar Valley	8.95	0.00	8.95
Spring Valley	12,768.61	2,339.1	10,429.51

**This Page Left Intentionally Blank**

# 1.0 METHODOLOGY

The Nevada State Engineer (NSE) has scheduled a Hearing on Remand regarding the Southern Nevada Water Authority’s (SNWA) applications to appropriate groundwater (Application Nos. 53987 through 53992 and 54003 through 54021). All of these applications have a priority date of October 17, 1989 and are located in Cave Valley, Dry Lake Valley, Delamar Valley, and Spring Valley Hydrographic Areas (HA). The purpose of this Summary Report is to analyze the existing water rights within the four Nevada Division of Water Resources (NDWR) Hydrographic Areas: Cave, Dry Lake, Delamar, and Spring Valleys. Analyses of the quantity of committed groundwater rights for all four hydrographic areas are included in this single report. Each hydrographic area was analyzed independently and is presented as a section in this report. [Table 1-1](#) lists the four hydrographic areas analyzed and their appropriate section within this report.

**Table 1-1  
Hydrographic Areas**

Section	HA Name	HA Number
<a href="#">2.0</a>	Cave Valley	180
<a href="#">3.0</a>	Dry Lake Valley	181
<a href="#">4.0</a>	Delamar Valley	182
<a href="#">5.0</a>	Spring Valley	184

Each section is divided into nine sub-sections. The same process was used to analyze each hydrographic area, although some of the steps within this process were not applicable to all areas. The following is a listing and summary of the major steps used to analyze the water rights within each of the four hydrographic areas. It also includes references to the specific sections within this report for each step completed.

## 1.1 Quantify and Classify All “Active” Water Rights

The NDWR manages water rights within the State of Nevada and retains the records of each individual water right. Every water right is assigned a unique number by the NDWR. The official “hard copies” of those files are located at the NDWR main office in Carson City, Nevada. Additionally, NDWR has populated their on-line Water Rights Database with each water right to include scans of most of the applications, permits, certificates, and maps, as well as ownership and other applicable information. Although the online database is not the official record of water rights, it does have the majority of the pertinent information. For the analysis in this report, the official records were reviewed if the information was not available on-line.

All “active applications” for water rights were queried to determine the quantity and type. Active applications for water rights are those listed as Certificated, Decreed, Permitted, Applications [Ready for Action (RFA), Ready for Action - Protested (RFP), Application (APP)], Reserved Rights, or Vested Claims. Only Certificated, Decreed, Permitted, Reserved Rights, and Vested Claims water rights are considered “Active” water rights for this analysis. Ready for Action, Ready for Action - Protested, and Applications are not considered “Active” water rights because these are only applications to acquire water rights or changes of existing rights, not permitted water rights.

The active water rights were tabulated and presented in tables which include the total number of water rights, number per source, number per status, and number per manner of use. The quantification and classification of the water rights within each basin is presented in [Sections 2.1, 3.1, 4.1, 5.1, and 2.2, 3.2, 4.2, and 5.2](#) of this report. The purpose of these sections is to ensure the total number of water rights are included and properly analyzed. In these sections, all groundwater rights, except groundwater irrigation rights, were reviewed to determine the total quantity of groundwater rights that are attributed to each manner of use. Groundwater irrigation rights were further analyzed in subsequent sub-sections.

## **1.2 Quantify Sole Source Versus Supplemental Groundwater Irrigation Water Rights**

All groundwater rights were reviewed to determine the quantity, if any, of active water rights which could be considered supplemental to other groundwater rights. Multiple groundwater irrigation rights can have different points of diversion (POD) (wells), but the same place of use (POU). The junior of these rights would be considered supplemental to the senior right (sole source or non-supplemental). Groundwater supplemental rights are not considered additional rights in quantifying the committed groundwater resources for a basin. In other words, any groundwater rights above the permitted duty would not be added to the sole source (non-supplemental) groundwater rights in the same POU. This is because the total amount of water rights used to irrigate the POU is limited by the permitted duty (acre-feet/acre). Groundwater rights with a manner of use of stockwater, wildlife, mining and milling, and municipal/quasi-municipal can have the same POU and may or may not be supplemental. For these rights, the permit or certificate terms would identify these rights as supplemental, if applicable.

A comprehensive analysis of all groundwater rights was completed in order to determine the quantity of sole source (non-supplemental) and supplemental groundwater rights in each hydrographic area. The POU of each irrigation groundwater right was determined through the review of certificates, permits, and applications, along with their associated maps filed with the NDWR. The supplemental analysis was completed using POU spreadsheets and also by mapping the water rights. The spreadsheets include the location of each irrigation groundwater right POU by 40 acre subdivision. The acreage and subdivision locations were obtained from the pertinent filed documents. The POU per quarter-quarter (40 acre subdivision) was inputted into a spreadsheet and sorted by location. This sort resulted in the identification of all Certificated or Permitted Rights which have a POU within the same 40 acre subdivision. If none of these rights were within the same 40 acre subdivision, then it was concluded that these rights are all sole source (not supplemental to each other). If it was determined that any of these Certificated or Permitted Rights was within the same 40 acre subdivision, then a further analysis was conducted. This further analysis included a review of the

proof of beneficial use (PBU) maps to determine if the water rights, in fact, had the same POU and are supplemental.

The result of the analysis of groundwater irrigation water rights was a quantification of groundwater irrigation rights which are considered sole source (non-supplemental) and supplemental water rights. Only the sole source (non-supplemental) groundwater irrigation rights are used to estimate the total committed groundwater resources per hydrographic area. Groundwater irrigation rights that are supplemental to existing groundwater irrigation rights are not considered a committed resource because this would result in double counting groundwater rights and would greatly overestimate the committed groundwater resources within each basin. The NDWR has also compiled this information and it is presented in their Hydrographic Area Summary of each area. The non-supplemental groundwater rights attributed to each manner of use as analyzed in this report were compared with the NDWR supplemental adjusted Hydrographic Area Summary quantities. The analysis of supplemental groundwater is presented in [Sections 2.3, 3.3, 4.3, and 5.3](#) of this report and a comparison of this analysis with the NDWR Hydrographic Areas Summary is presented in [Sections 2.4, 3.4, 4.4, and 5.4](#) of this report.

### **1.3 Quantify and Adjust for Groundwater Supplemental to Surface Water Irrigation Rights**

Groundwater irrigation rights are considered supplemental to existing surface water irrigation rights if these groundwater rights are appurtenant to the same POU as the surface water rights. Groundwater irrigation rights which are supplemental to surface water rights would normally not be 100 percent utilized per season. This is because surface water is normally used when surface water is available (spring/early summer snow pack runoff), and groundwater is used when the surface water is not available. For this analysis, the total groundwater irrigation rights supplemental to surface water irrigation rights was quantified, and an estimate of the portion of these rights expected to be used in an average year was calculated.

The POU of surface water was determined through a review of the permits, certificates, vested claims, decrees, and their associated maps. The POU of surface water irrigation rights was inputted into a spreadsheet which listed each right and total acreage of the water rights per range, township, section, quarter, and quarter-quarter. This spreadsheet was merged with the previously discussed groundwater POU spreadsheet and sorted by range, township, section, quarter, and quarter-quarter. All locations where the POU of groundwater irrigation rights were within the same 40 acre subdivision as surface water irrigation rights were identified for additional evaluation.

The POU of surface water irrigation rights were mapped for all township-ranges which also had groundwater irrigation rights. The quantity of groundwater irrigation rights considered supplemental to surface water irrigation rights was determined based on an analysis of the following: merged spreadsheet of groundwater and surface water rights; Permits, Certificates, Vested Claims, Decrees, and their associated maps; and mapped locations of the surface water and groundwater irrigation rights. This resulted in a determination of the quantity of groundwater rights supplemental to surface water rights as well as the quantity of groundwater rights not supplemental to surface water rights.

As stated previously, groundwater irrigation rights which are supplemental to surface water irrigation rights are not normally used to their full Permitted or Certificated maximum every year. Surface water is generally preferred because groundwater has additional costs associated with pumping water from groundwater wells. The only basin which required a supplemental groundwater to surface water analysis was Spring Valley. Information necessary to quantify the percentage of supplemental irrigation groundwater rights actually used is not available within Spring Valley. Two approaches were used to estimate the percentage of groundwater supplemental to surface water that would be expected to be used during an average irrigation season. The first approach was to analyze hydrographs within Spring Valley (Cleve Creek). The second approach was to compare Spring Valley hydrographs with a stream system where the quantity of supplemental groundwater used per irrigation season has been documented. Information was available within Carson Valley that could be used to quantify the percentage of supplemental irrigation groundwater rights actually used within that specific location. Carson Valley was used because it contained the required data needed to complete a supplemental analysis: a gaged stream (Daggett Creek); surface water rights; supplemental groundwater rights; and pumping records for those groundwater rights.

Based on the two methods used, the average amount of supplemental groundwater expected to be used in any given irrigation season was estimated to be 39.1 percent of the total rights using the Cleve Creek hydrograph approach and 27.4 percent using the Daggett Creek comparison approach. For this analysis, the more conservative value of 39.1 percent was used as the estimate of the total groundwater rights supplemental to surface water irrigation rights that would be expected to be used in an average irrigation season. On average, the remaining portion of supplemental groundwater to surface water rights would not be expected to be utilized and was not included in the total committed groundwater quantities. An analysis of supplemental groundwater to surface water irrigation rights is presented in [Sections 2.5, 3.5, 4.5, and 5.5](#) of this report. The analysis and adjustment of duty for those supplemental groundwater rights is presented in [Sections 2.6, 3.6, 4.6, and 5.6](#) of this report.

#### **1.4 Estimated Crop Consumptive Use**

Each groundwater right has a maximum applied duty in acre-feet of water per acre. The amount consumed by the cultivation minus precipitation is equal to the Net Irrigation Water Requirements (NIWR). The duty in excess of the NIWR is equal to the non-consumptive portion of the water rights and is assumed to return to the groundwater system. This portion of groundwater is not included in the committed groundwater resources of the hydrographic areas.

The NDWR has established evapotranspiration (ET) data per basins within Nevada (Huntington and Allen, 2010). Groundwater rights not supplemental to other groundwater rights were analyzed to determine irrigated acreage per each specific duty. The consumptive use and non-consumptive use portion of each water rights was then quantified. Only the consumptive use portion of the groundwater rights was used to estimate the committed groundwater resources within the four hydrographic areas. The consumptive use analysis is presented in [Sections 2.7, 3.7, 4.7, and 5.7](#).

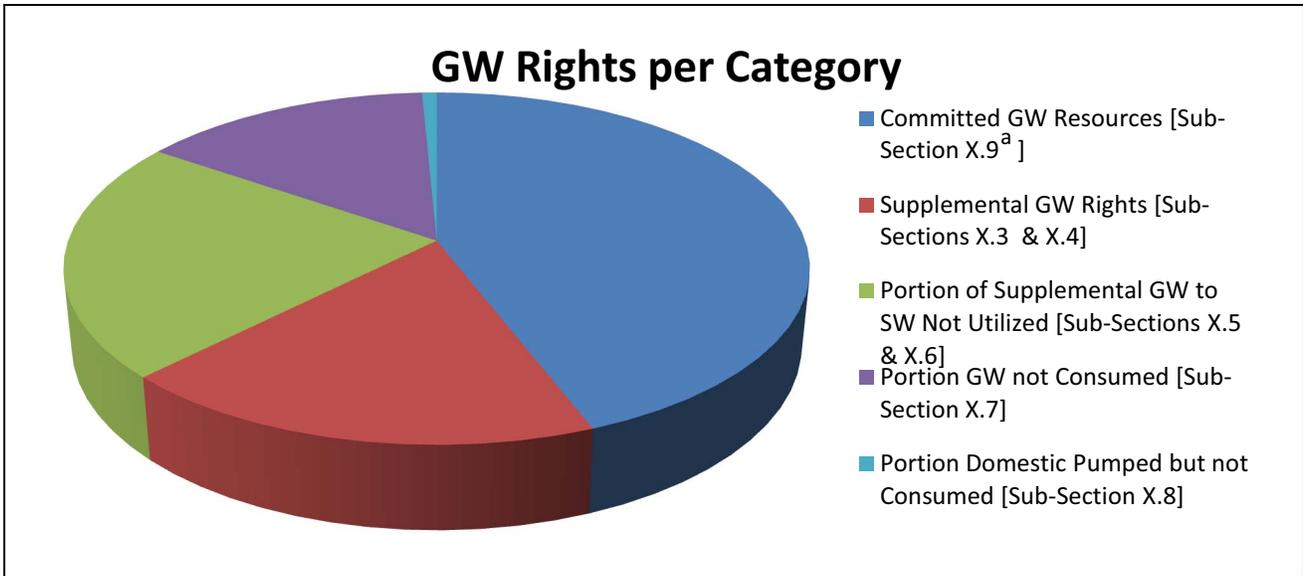
## **1.5 Estimated Domestic Water Use and Secondary Recharge**

The State of Nevada defines domestic water use as water used for culinary and household purposes including the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets and is limited to 2.0 afa per household. Domestic water use from domestic wells does not require an application, permit or certificate from the NSE, and therefore domestic water use from domestic wells is not tracked or listed as an active water rights in Nevada. The number of domestic wells, pumping per well, and the quantity of secondary recharge of water from a domestic well (through septic systems) is required in order to determine the domestic use of groundwater. This information was not available because these rights are not required to be permitted through the NDWR therefore, an alternate method for estimating domestic groundwater use was used.

The total domestic groundwater use was estimated based on the number of wells listed in the NDWR on-line Well Driller's Log database with a casing diameter of 5 to 9 in., which may correspond to domestic wells. Total domestic groundwater use was estimated based on the number of wells multiplied by the average usage per household. A portion of the total domestic groundwater is consumed, and the remainder is returned to the groundwater system through septic tanks. Only the consumptive portion of the domestic groundwater usage was used to quantify the committed groundwater resources within the four hydrographic areas. The estimated domestic water use is presented in [Sections 2.8, 3.8, 4.8, and 5.8](#).

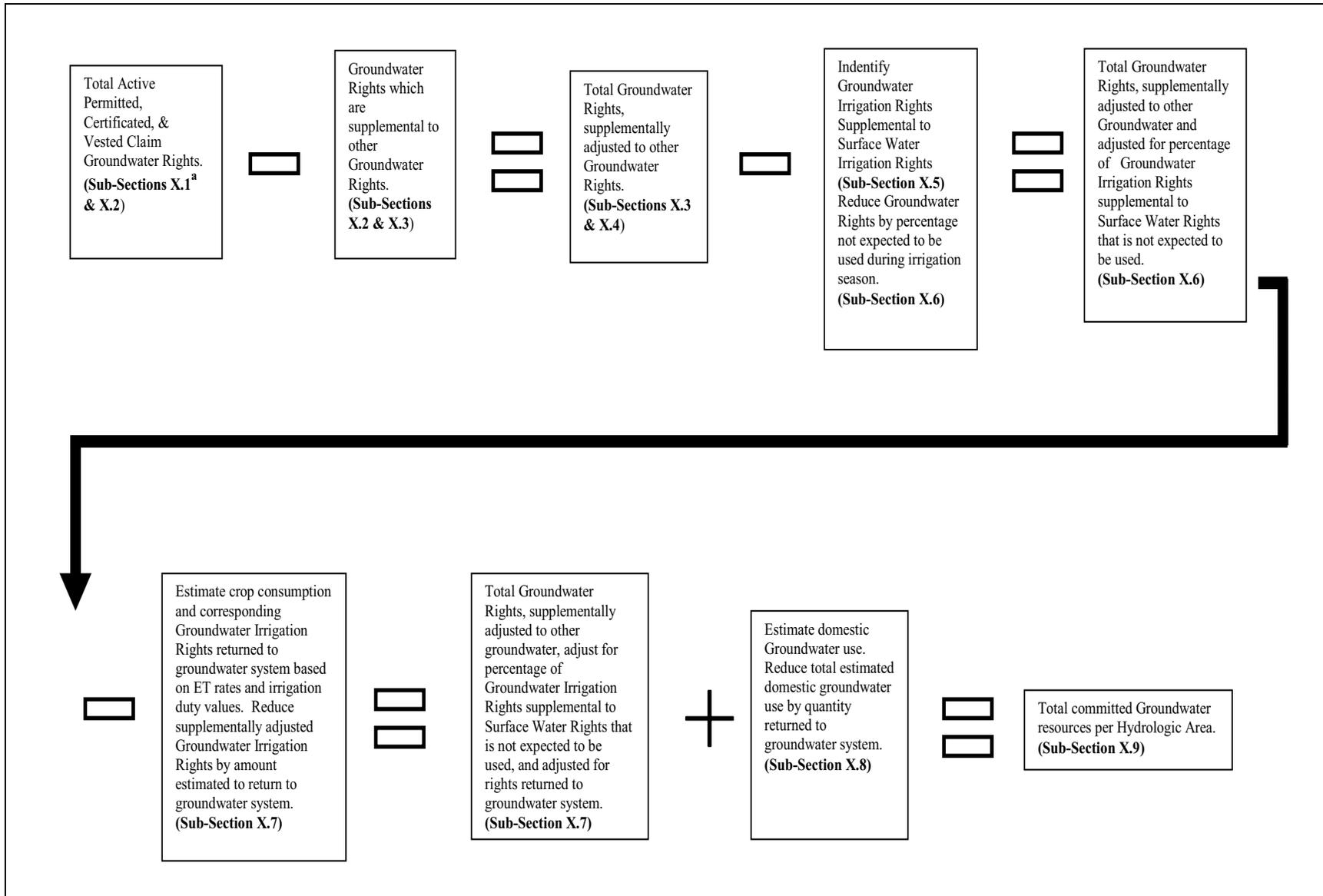
## **1.6 Summary**

[Figure 1-1](#) shows an example of the “committed groundwater resources” in relation to the total groundwater rights within each hydrographic area. Additionally, [Figure 1-2](#) shows the process used in quantifying the committed groundwater resources. Summaries of the committed groundwater resources within each basin are presented in [Sections 2.9, 3.9, 4.9, and 5.9](#).



<sup>a</sup>X = Corresponding Sections 2.0 through 5.0.

**Figure 1-1**  
**Total Groundwater Rights per Analyzed Category**



<sup>a</sup>X = Corresponding Sections 2.0 through 5.0.

Figure 1-2

Process and Steps to Analyze and Quantify Existing Groundwater Rights within Selected Basins in Nevada

**This Page Left Intentionally Blank**

## **2.0 CAVE VALLEY**

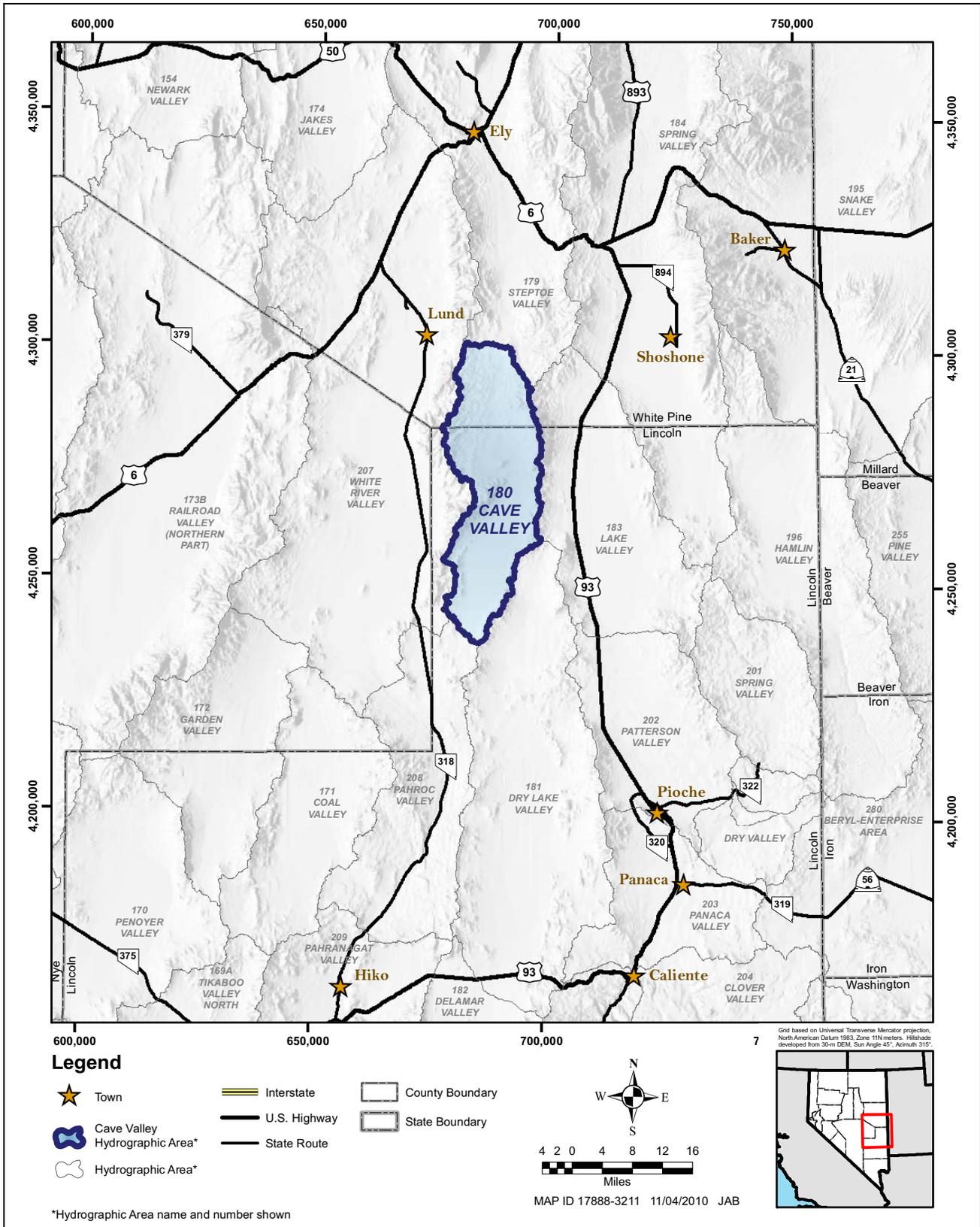
### **2.1 Introduction**

NDWR HA 180, Cave Valley, is located in the east-central portion of Nevada. NDWR HA180 is located within the Central Hydrographic Region. NDWR HA 180 will be referred to as “Cave Valley” for the remainder of this report. [Figure 2-1](#) shows a location map of Cave Valley.

The purpose of this Summary Report is to analyze the existing water rights within Cave Valley and complete the following:

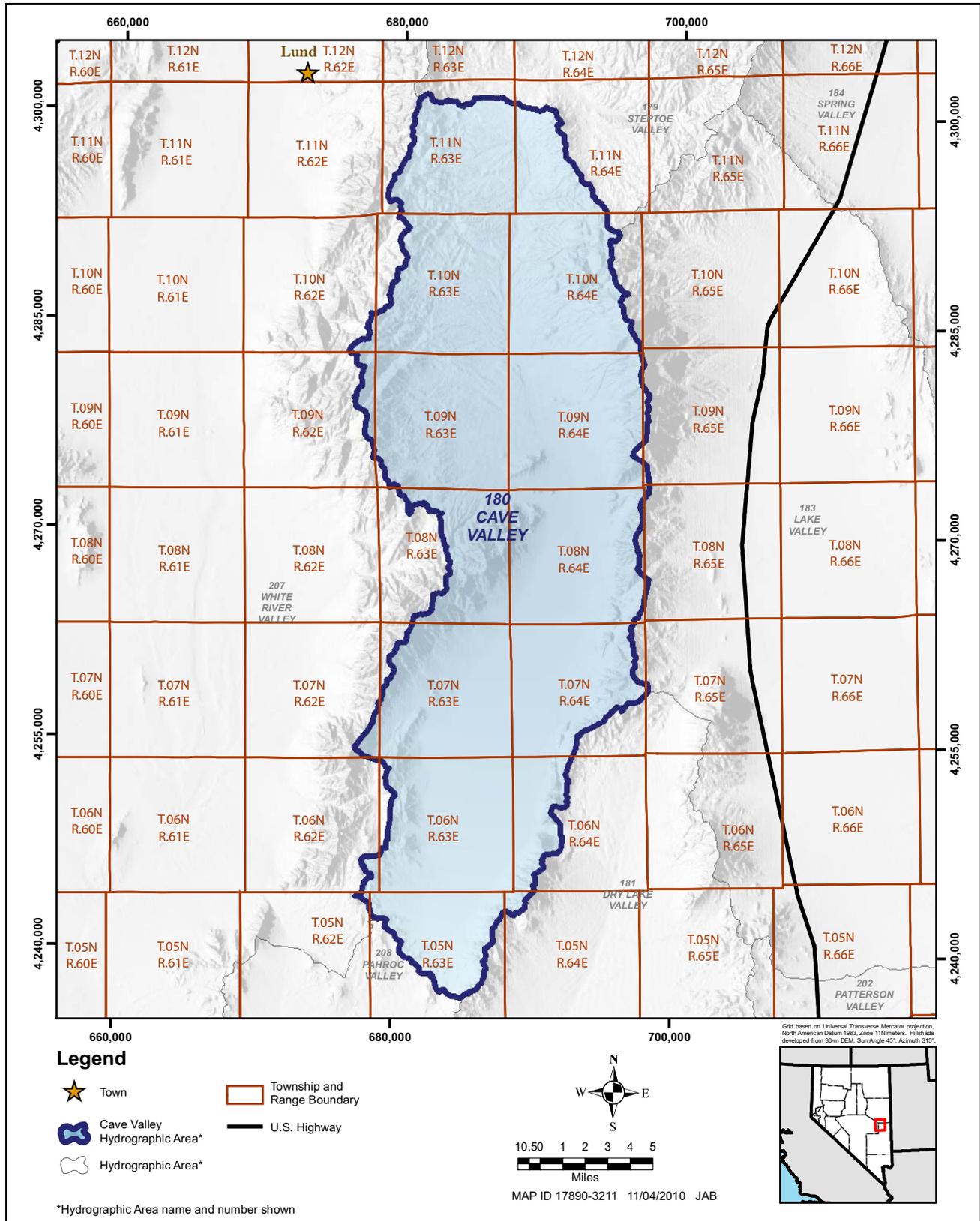
- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust Irrigation Groundwater Rights based on supplemental analysis,
- Adjust Irrigation Groundwater Rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.

The PODs and POU for NDWR water rights are located within a 40 acre subdivision of a Section, Township, and Range of the Public Land Survey System (PLSS). [Figure 2-2](#) shows the Townships and Ranges (Mt. Diablo Baseline and Meridian [MDBM]) located within Cave Valley.



**Figure 2-1  
Cave Valley**

Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 2-2**  
Township/Ranges within NDWR HA 180, Cave Valley

## 2.2 Summary of Water Rights in Cave Valley

Active water rights and active applications for water rights within the Cave Valley were obtained from the NDWR on-line water rights database. All information within this section is current as of April 1, 2011.

The NDWR hydrographic abstract, queried for all active records within Cave Valley is included as [Appendix 2](#). There are currently 101 active water rights and active applications for water rights that are listed as Certificated, Permitted, RFA applications, RFP applications, Reserved Rights, or Vested Claims. Certificated, Permitted, Reserved Rights, and Vested Claims are considered “Active” water rights for this analysis. RFA applications and RFP applications are not “Active” water rights and are considered only as applications to acquire water rights or changes of existing rights. Definitions of these and other terms are located in the List of Definitions, [Appendix 1](#).

The manners of use for these water rights and applications for water rights include stockwater, domestic, “other”, municipal/quasi-municipal, and irrigation. [Table 2-1](#) lists the number of records for Cave Valley in the NDWR database per manner of use and their current status.

**Table 2-1  
Number of Active Records Listed per Manner of Use and Status (Cave Valley)**

Manner of Use	Number of Records	Vested Claims	Certificated	Permitted	Reserved	RFA	RFP
Stockwater	63	40	14	3	3	1	2
Domestic	1	0	1	0	0	0	0
Other	4	0	0	0	0	0	4
Municipal/Quasi-Municipal	5	0	0	0	0	1	4
Irrigation	28	4	5	1	0	3	15
<b>Total</b>	101	44	20	4	3	5	25

The source of water for the 101 active water rights and active applications for water rights includes stream, spring, and underground. [Table 2-2](#) lists the number of records in the NDWR database by manner of use and their source of water.

**Table 2-2  
Number of Active Records Listed per  
Manner of Use and Source (Cave Valley)**

Manner of Use	Number of Records	Stream	Spring	Underground
Stockwater	63	7	46	10
Domestic	1	0	1	0
Other	4	2	0	2
Municipal/Quasi-Municipal	5	0	0	5
Irrigation	28	3	7	18
<b>Total</b>	101	12	54	35

The NDWR on-line database includes copies of most of the applications, certificates, application maps, and PBU maps. Additionally, the database includes general information, ownership, maps and due dates, and abrogation information. Some information was not available on-line and was obtained through research of the physical files located at the NDWR Carson City office. [Appendix 3](#) is a spreadsheet listing all pertinent information obtained on the 101 active water rights and active applications for water rights in Cave Valley. Hard copies of this information were also compiled into tabbed binders for reference. These binders are not included in this report because all of the information is available through NDWR. For reference, definitions of applicable terms as listed directly from the Nevada Division of Water Planning Water Words Dictionary are included as [Appendix 1](#).

[Figure 2-3](#) shows the approximate location and spatial distribution of the PODs for all active water rights and active applications for water rights within Cave Valley. The dataset of PODs within Cave Valley was obtained from NDWR (December 2009) and [Figure 2-3](#) is for visual purposes only.

## **2.2.1 Water Rights and Applications per Manner of Use**

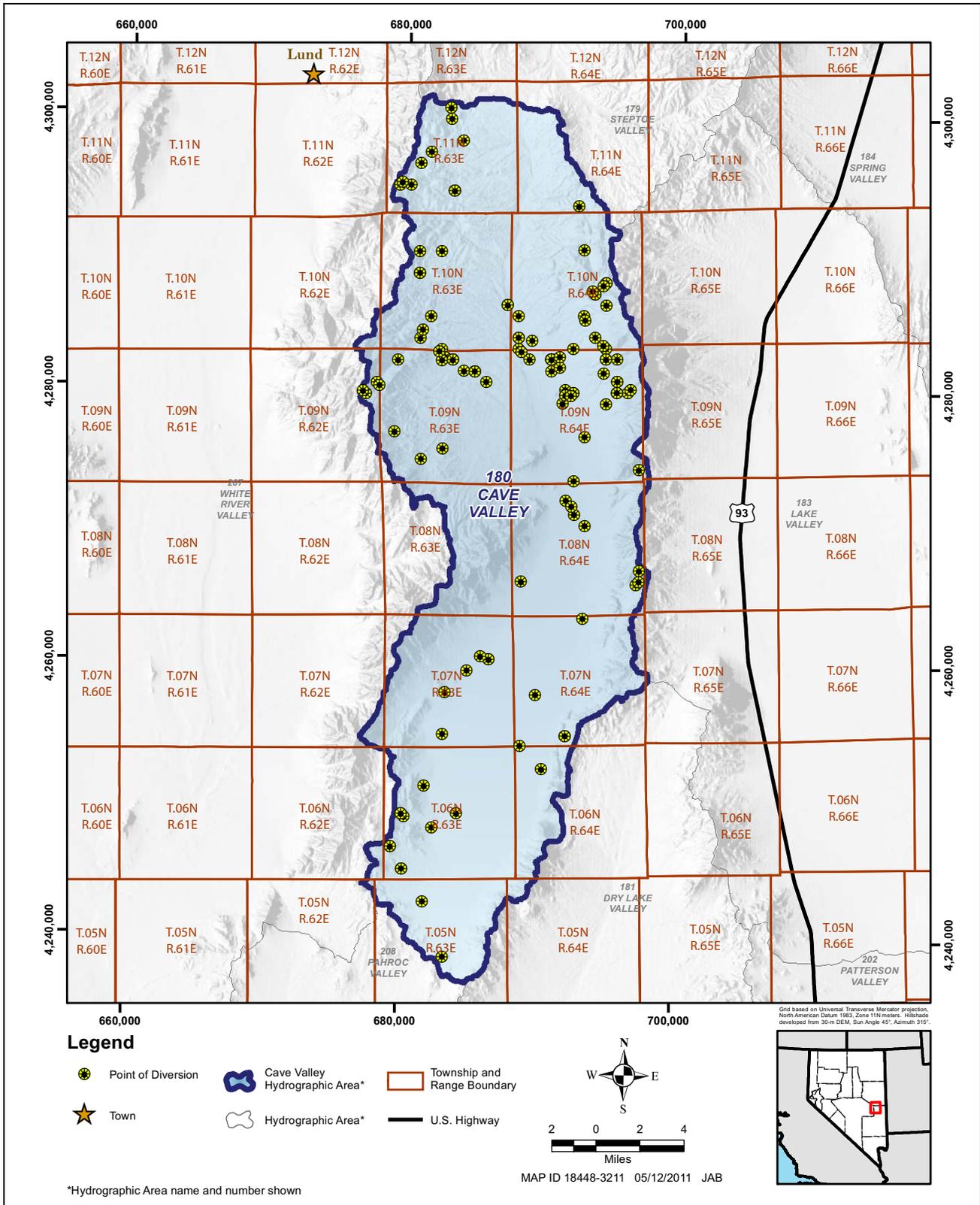
The NDWR Hydrographic Area Summary for Cave Valley found in [Appendix 4](#), was downloaded from the NDWR on-line database. The Hydrographic Area Summary lists the appropriated water from underground sources within Cave Valley and is shown as having been supplementally adjusted. Stockwater is the only manner of use listed with appropriation of groundwater. The total for these groundwater rights is 46.58 af. The water rights were compiled and reviewed based on the manner of use (stockwater, domestic, “other”, municipal/quasi-municipal, and irrigation). The following sections include summaries of each manner of use category, with an identification of active groundwater rights and a comparison with the NDWR Hydrographic Area Summary totals. For completeness, all active water rights and active applications for water rights are identified. All information within this report is current as of April 1, 2011.

### **2.2.1.1 Stockwater Rights**

The NDWR on-line database of water rights includes 63 active records with manner of use as “Stockwater.” [Appendix 5](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Cave Valley), manner of use (stockwater), and status (active).

The sources for these rights are listed as underground (10), spring (46), and stream (7). The 63 records include a combination of vested rights, Certificated Rights, Permitted Rights, Reserved Rights, and applications (RFA and RFP). The duty total from the NDWR on-line database for the eight Permitted and Certificated Underground Stockwater Rights totals 68.98 af. Permit Nos. 73168, 73169, and 73170 are listed as supplemental to each other per permit conditions. Reducing the total due to the supplemental nature of these three rights reduces the total from 68.98 af to 46.58 af. This is consistent with the 46.58 af of underground stockwater rights listed in the NDWR Hydrographic Area Summary, [Appendix 4](#).

Five underground stockwater rights (Permit Nos. 66123, 66125, 73168, 73169, and 73170) have priority dates after October 17, 1989. The total combined duty for these rights is 33.60 afa.



**Figure 2-3**  
**Points of Diversion for all Active Water Rights and**  
**Active Applications for Water Rights within NDWR HA 180, Cave Valley**

[Appendix 3](#), which lists all the active water rights in Cave Valley, highlights the rights that have priority dates after October 17, 1989, as well as water rights identified as owned by the SNWA.

### **2.2.1.2 Domestic Rights**

The NDWR on-line water rights database includes one active record with the manner of use listed as “Domestic.” [Appendix 6](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Cave Valley), manner of use (Domestic), and status (active).

This single Certificated Right is listed with a spring as its source. The duty total from the NDWR on-line database for underground domestic rights totals 0.00 af. This total is consistent with the 0.00 af of underground domestic rights listed in the NDWR Hydrographic Area Summary, [Appendix 4](#).

### **2.2.1.3 “Other” Rights**

The NDWR on-line water rights database includes four active records with the manner of use listed as “Other.” [Appendix 7](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Cave Valley), manner of use (Other), and status (active).

The sources for two of these rights are listed as stream and the other two are listed as underground. All four of these rights are RFP. The total for Permitted and Certificated Underground Water Rights is 0.00 af. This total is consistent with the 0.00 af of underground “Other” rights listed in the NDWR Hydrographic Area Summary, [Appendix 4](#).

### **2.2.1.4 Municipal/Quasi-Municipal Water Rights**

The NDWR on-line database of water rights includes five active records with manner of use as “Municipal” or “Quasi-Municipal.” [Appendix 8](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Cave Valley), manner of use (Municipal and Quasi-Municipal), and status (active).

The source for all five of these active records is listed as underground. The five records include a combination of one RFA and four RFP applications. Of the five underground rights, there are no active water rights; all five rights are active applications for water rights. The duty total for the Permitted or Certificated Underground Rights (active water rights) totals 0.00 af. This total is consistent with the 0.00 af of underground quasi-municipal rights listed in the NDWR Hydrographic Area Summary, [Appendix 4](#).

### **2.2.1.5 Irrigation Water Rights**

The NDWR on-line water rights database includes 28 active records with manner of use as “Irrigation.” [Appendix 9](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Cave Valley), manner of use (Irrigation, Irrigation-Carey Act, Irrigation-DLE, Decreed), and status (active).

The source for these rights is listed as underground (18), spring (7), and stream (3). Sources listed as spring and stream are both considered surface water sources.

The 28 records include a combination of vested claims, Certificated Rights, Permitted Rights, RFA applications and RFP applications. Ten records are listed with the source as spring or stream. The remaining 18 records are listed with the source as underground and are a combination of RFA and RFP applications. Of the 18 records with the source listed as underground, all are active applications for water rights and all have a priority date after October 17, 1989. There are no active underground water rights; there are only active applications for underground water rights.

The duty total for the Decreed, Vested Claims, Permitted and Certificated Underground Irrigation Water Rights totals 0.00 af. The NDWR Hydrographic Area Summary, [Appendix 4](#), lists the underground irrigation-DLE (desert land entry) as 0.00 af and irrigation as 0.00 af, for a total of 0.00 af.

### **2.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental)**

Groundwater rights with a manner of use of stockwater, commercial, domestic, and municipal/quasi-municipal can have the same POU and may or may not be supplemental. For these rights, the permit or certificate terms would identify whether or not these rights are supplemental. The permit and certificate terms of the groundwater rights with a manner of use listed as stockwater, commercial, domestic, and municipal/quasi-municipal were reviewed. Three of the underground stockwater rights are listed as supplemental to each other in permit conditions and have been identified in [Section 2.2.1.1](#) of this report.

The NDWR database included no entries for Permitted, Certificated, or vested claim groundwater rights with the manner of use listed as “Irrigation.” Therefore, an analysis of sole source versus supplemental groundwater has not been conducted since there are no groundwater irrigation rights located within Cave Valley.

### **2.4 Evaluation of NDWR Hydrographic Area Summary**

The NDWR Hydrographic Area Summary, [Appendix 4](#), lists supplementally adjusted groundwater rights for stockwater in the amount of 46.58 af. [Table 2-3](#) summarizes the volume of existing groundwater rights, supplementally adjusted for Cave Valley. This information is based on the NDWR Hydrographic Area Summary and the analysis completed in [Sections 2.2](#) and [2.3](#) of this report.

**Table 2-3  
Cave Valley Existing Groundwater Rights, Supplementally Adjusted**

Manner of Use	NDWR Hydrographic Summary (af)	Current Analysis Total (af)	Current Analysis with Priority Date After October 17, 1989 (af)	Current Analysis with Priority Date Before October 17, 1989 (af)
Stockwater	46.58	46.58	33.60	12.98
<b>Total</b>	46.58	46.58	33.60	<b>12.98</b>

### 2.5 Supplemental Analysis Groundwater versus Surface Water

Groundwater rights would be considered supplemental if they are appurtenant to the same POU as the surface water rights. Figure 2-4 shows the locations (Township/Range) where only surface water irrigation rights are located. There are no groundwater irrigation rights within Cave Valley; therefore, no groundwater irrigation rights could be supplemental to surface water rights.

### 2.6 Adjusted Duty for Supplemental Groundwater Rights in Cave Valley

Duty is defined as the total volume of irrigation water required for irrigation in order to mature a particular crop. It also includes consumptive use, evaporation, and seepage from on-farm ditches and canals, and the water that is eventually returned to streams by percolation and surface runoff. Definition from Appendix 1, *List of Definitions Nevada Division of Water Planning Water Words Dictionary*. There have been no groundwater irrigation rights identified in Cave Valley; therefore, the Duty for supplemental groundwater rights to surface water rights will not need to be adjusted.

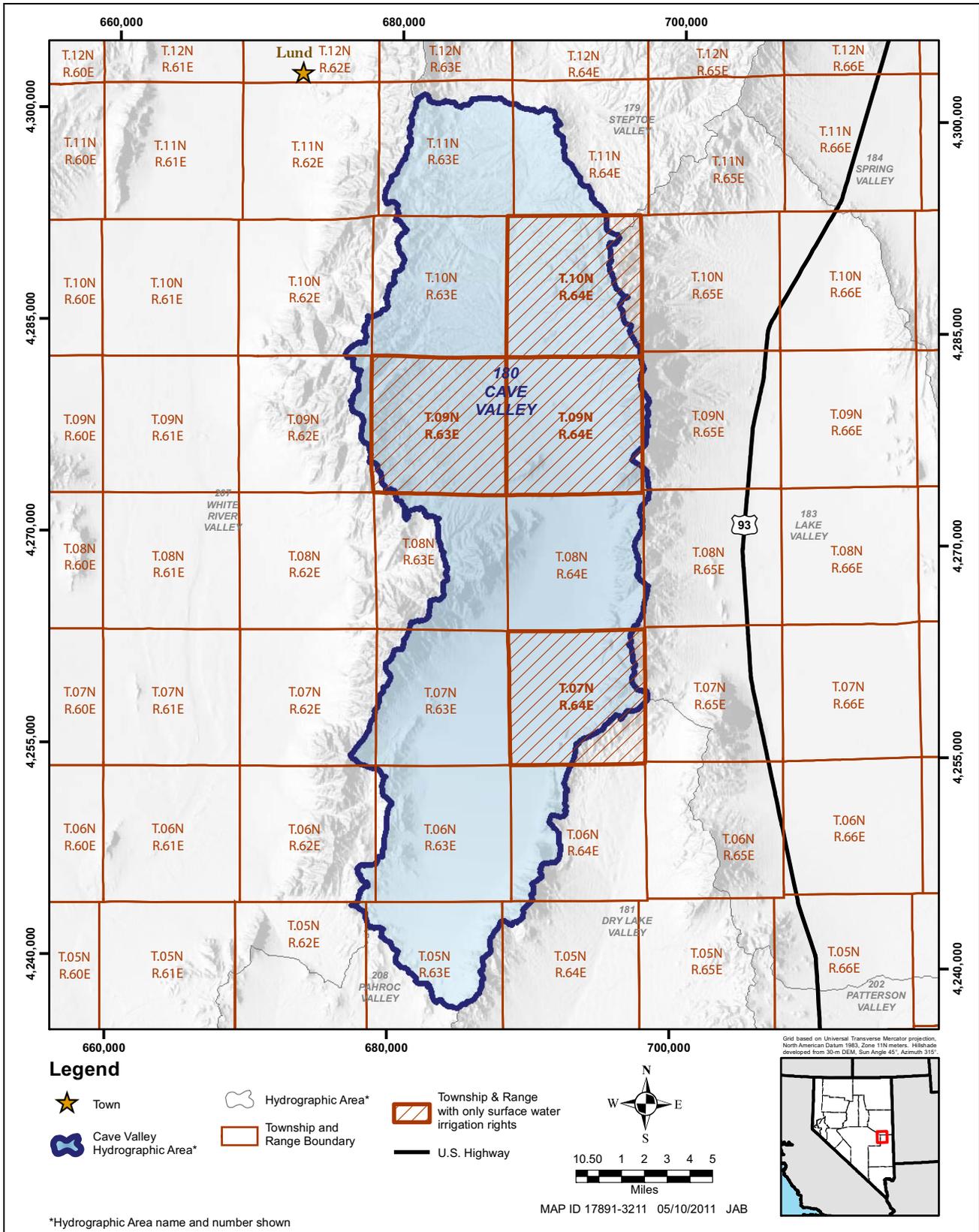
### 2.7 Estimated Crop Consumptive Use for Cave Valley

Consumptive use of a crop can be defined as that portion of the annual volume of water diverted under a water right that is transpired by growing vegetation, evaporated from soils, converted to non-recoverable water vapor, incorporated into product, or otherwise does not return to the water of the state. There have been no groundwater irrigation rights identified in Cave Valley; therefore, the estimated crop consumptive use did not need to be determined for Cave Valley.

### 2.8 Estimated Domestic Water Use and Secondary Recharge

The State of Nevada defines “Domestic Water Use” as use for culinary and household purposes including the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets and is limited to 2.0 afa per household. Definition from Nevada Revised Statutes (NRS) 534.013 and 534.180. Groundwater use from a domestic well does not require an application, permit or certificate from the NSE. This manner of use is not accounted for as a committed groundwater right in the NDWR Hydrographic Summary, but is accounted as a committed groundwater resource in this analysis.

Information regarding the number of domestic wells, yearly pumping total per well, and the quantity of secondary recharge of water from a domestic well (through septic systems) would be required in



**Figure 2-4**  
**Township/Range of Surface Water Irrigation Rights (Cave Valley)**

order to generate the most accurate estimate of the domestic use of groundwater in Cave Valley. This information was not available from the NDWR. Therefore, an alternate method for estimating domestic groundwater use was required because these rights are not required to be permitted by or reported to NDWR.

The NDWR on-line Well Driller’s Log database includes a list of all wells which have been reported to NDWR. The list includes a total of 20 records and is included as [Appendix 10](#). There are 14 records that list a casing diameter of 5 to 9 in., which may correspond to domestic wells. This approach results in a broad estimate of the number of domestic wells.

Brown and Caldwell (2005) estimated of the per capita use in Carson City and Lyon and Douglas Counties are between 0.20 and 0.22 afa. Population data obtained from the Nevada State Demographer office, utilizing the 2000 Census Data, shows that the mean number of people per household for various counties is as follows:

Carson City County -	2.44
Douglas County -	2.50
Lincoln County -	2.48
Lyon County -	2.61
Nye County -	2.42
White Pine County -	2.42

The most conservative use per capita times the number of people per household (0.22 afa/person times 2.61 persons/household) equals 0.57 afa (estimated water use per household). The estimated household usage of 0.57 afa is equal to approximately 508 gpd. 0.57 afa times the estimated number of wells (14) equals 7.98 afa pumped by potential domestic wells.

7.98 afa is the total volume of water that is estimated to be withdrawn from the groundwater system by domestic wells. A portion of this water is returned to the groundwater system through secondary recharge (septic tanks). Seiler (1996) stated that 200 gpd per household is the “potential secondary recharge from septic effluent.” Using these values yields the following results:

$$\frac{200 \text{ gpd}}{508 \text{ gpd}} = 0.394 \cong 40\% \quad (\text{Eq. 2-1})$$

Therefore, the amount of domestic water used that returns to the groundwater system as secondary recharge, is approximately 40 percent. Based on the analysis presented, it is estimated that 7.98 afa would be pumped from the groundwater system through domestic wells with 4.79 afa (60%) consumed and the remaining 3.19 afa (40%) returned to the groundwater system by secondary recharge.

**2.9 Summary**

The total committed groundwater rights for Cave Valley was analyzed by determining rights with priority dates prior to October 17, 1989, priority dates after October 17, 1989, and the total of all rights. The total of committed groundwater rights was derived based on information presented in Sections 2.2 through 2.8. Only stockwater groundwater rights were listed in Cave Valley.

Table 2-4 shows that the committed groundwater rights for Cave Valley, with priority dates prior to October 17, 1989, are estimated to be 17.77 afa.

**Table 2-4  
Cave Valley Committed Groundwater Rights Adjusted for Consumptive Use**

Manner of Use	Total		With Priority Dates After October 17, 1989		With Priority Dates Prior to October 17, 1989	
	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)
Domestic (exempt from permitting)	7.98	4.79	0.0	0.0	7.98	4.79
Stockwater	46.58	46.58	33.60	33.60	12.98	12.98
<b>Total</b>	54.56	51.37	33.60	33.60	20.96	<b>17.77</b>

## **3.0 DRY LAKE VALLEY**

### **3.1 Introduction**

NDWR HA 181, Dry Lake Valley, is located in the southeastern portion of Nevada. NDWR HA 181 is located within the Central Hydrographic Region. NDWR HA 181 will be referred to as “Dry Lake Valley” for the remainder of this report. [Figure 3-1](#) shows a map of Dry Lake Valley.

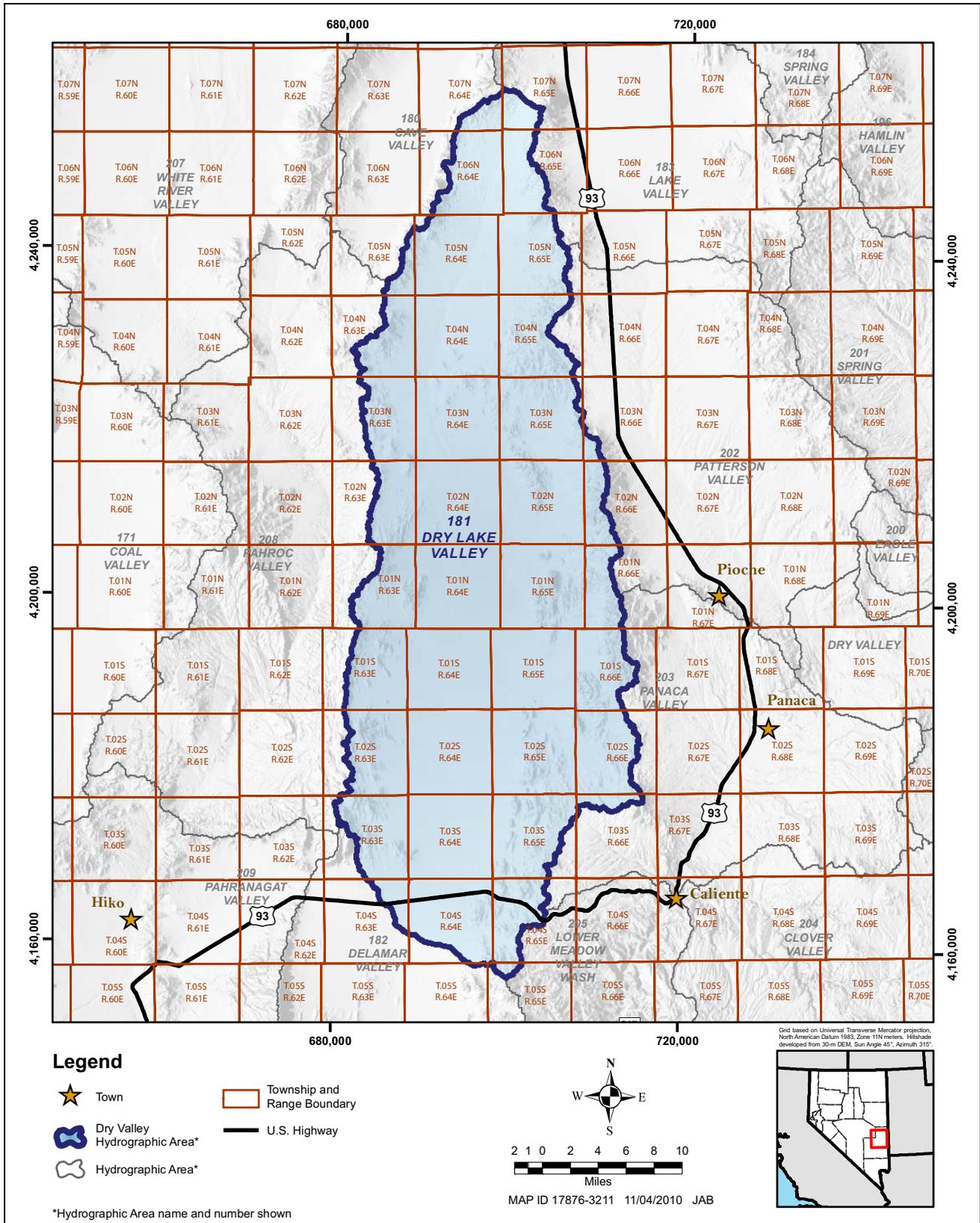
The purpose of this Summary Report is to analyze the existing water rights within Dry Lake Valley and complete the following:

- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust Irrigation Groundwater Rights based on supplemental analysis,
- Adjust Irrigation Groundwater Rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.

The PODs and Places of Use for NDWR water rights are located within a 40 acre subdivision of a Section, Township, and Range of the PLSS. [Figure 3-2](#) shows the Townships and Ranges (MDBM) located within Dry Lake Valley.



Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 3-2**  
Township/Ranges within NDWR HA 181, Dry Lake Valley

### 3.2 Summary of Water Rights in Dry Lake Valley

Active water rights and active applications for water rights within Dry Lake Valley were obtained from the NDWR on-line water rights database. All information within this report is current as of April 1, 2011.

The NDWR hydrographic abstract, queried for all active records within Dry Lake Valley is included as [Appendix 11](#). There are currently 112 active water rights and active applications for water rights that are listed as Certificated, Permitted, RFP and APP applications, Reserved Rights, or Vested Claims. Certificated, Permitted, Reserved Rights, and Vested Claims are considered “Active” water rights for this analysis. RFP and APP Applications are not “Active” water rights and are considered only as applications to acquire water rights or changes of existing rights.

The manners of use for these water rights and applications for water rights include stockwater, mining and milling, “other”, municipal/quasi-municipal, and irrigation. [Table 3-1](#) lists the number of records for Dry Lake Valley in the NDWR database per manner of use and their current status.

**Table 3-1  
Number of Active Records Listed per Manner of Use and Status (Dry Lake Valley)**

Manner of Use	Number of Records	Vested Claims	Certificated	Permitted	Reserved	APP	RFP
Stockwater	95	24	66	0	2	3	0
Mining and Milling	1	0	1	0	0	0	0
Other	2	0	0	0	2	0	0
Municipal/Quasi-Municipal	4	0	0	0	0	0	4
Irrigation	10	3	1	2	0	2	2
<b>Total</b>	<b>112</b>	<b>27</b>	<b>68</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>

The source of water for the 112 active water rights and active applications for water rights includes stream, spring, “other surface water”, reservoir, and underground. [Table 3-2](#) lists the number of records in the NDWR database by manner of use and their source of water.

**Table 3-2  
Number of Active Records Listed per  
Manner of Use and Source (Dry Lake Valley)**

Manner of Use	Number of Records	Stream	Spring	Other Surface Water	Reservoir	Underground
Stockwater	95	2	76	1	9	7
Mining and Milling	1	0	0	0	0	1
Other	2	0	2	0	0	0
Municipal/Quasi-Municipal	4	0	0	0	0	4
Irrigation	10	0	4	0	0	6
<b>Total</b>	<b>112</b>	<b>2</b>	<b>82</b>	<b>1</b>	<b>9</b>	<b>18</b>

The NDWR on-line database includes copies of most of the applications, certificates, application maps, and PBU maps. Additionally, the database includes general information, ownership, maps and due dates, and abrogation information. Some information was not available on-line and was obtained through research of the physical files located at the NDWR Carson City office. [Appendix 12](#) is a spreadsheet listing all pertinent information obtained on the 112 active water rights and active applications for water rights in Dry Lake Valley. Hard copies of this information were also compiled into tabbed binders for reference. These binders are not included in this report because all of the information is available through NDWR. For reference, a list of definitions of applicable terms as listed directly from the Nevada Division of Water Planning Water Words dictionary is included as [Appendix 1](#).

[Figure 3-3](#) shows the approximate location and spatial distribution of the PODs for all active water rights and active applications for water rights within Dry Lake Valley. The dataset of PODs within Dry Lake Valley was obtained from NDWR (December 2009) and [Figure 3-3](#) is for visual purposes only.

### **3.2.1 Water Rights and Applications per Manner of Use**

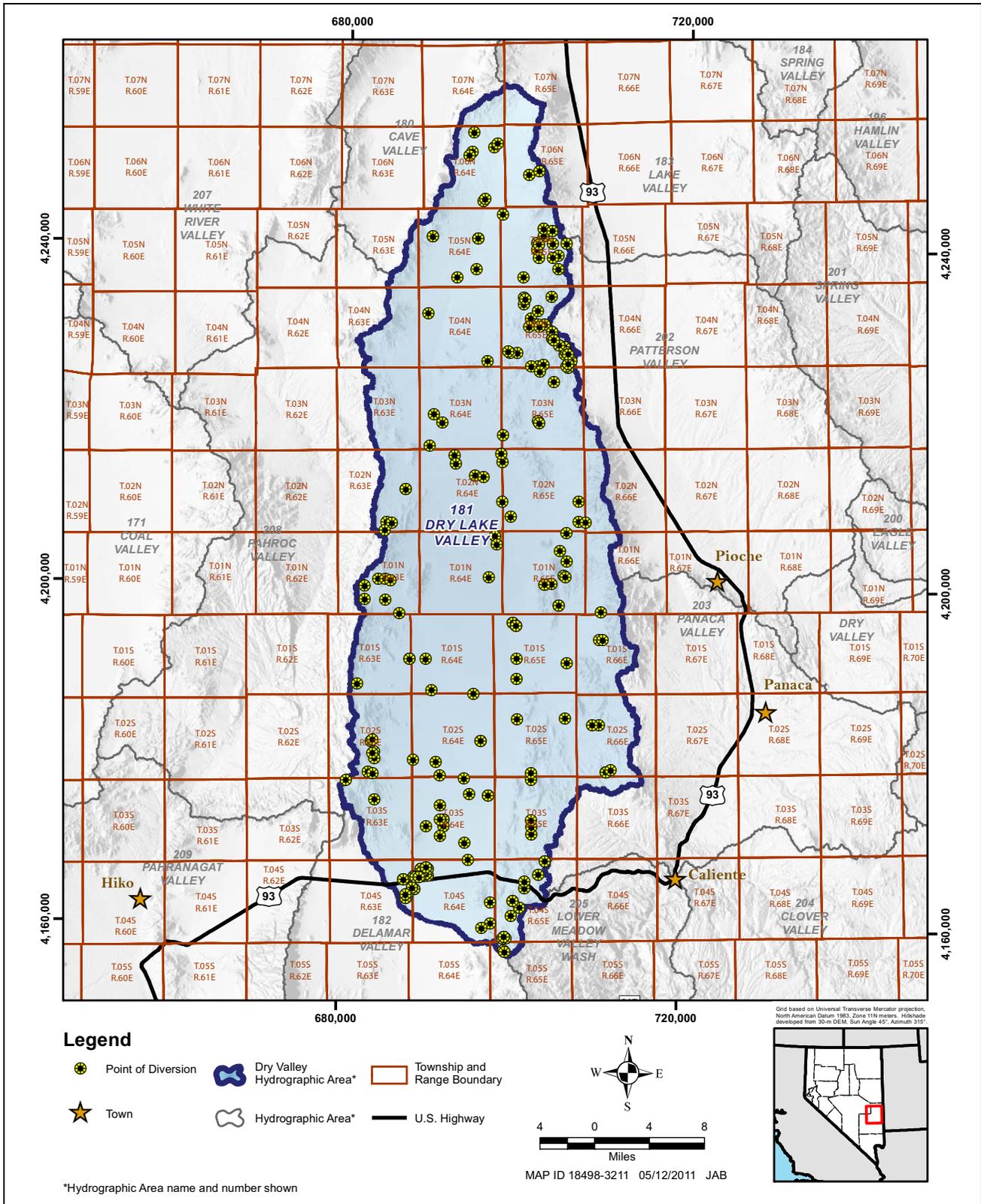
The NDWR Hydrographic Area Summary for Dry Lake Valley, found in [Appendix 13](#), was downloaded from the NDWR on-line database. The Hydrographic Area Summary lists the appropriated water from underground sources within Dry Lake Valley. Irrigation, mining and milling, and stockwater are listed with appropriations of groundwater. The total for these groundwater rights is 1,065.56 afa with 1,009.00 afa attributed to irrigation.

The water rights were compiled and reviewed based on the manner of use (stockwater, mining and milling, “other”, municipal/quasi-municipal, and irrigation). The following sections include summaries of each manner of use category, with an identification of active groundwater rights and a comparison with the NDWR Hydrographic Area Summary totals. For completeness, all active water rights and active applications for water rights are identified.

#### **3.2.1.1 Stockwater Rights**

The NDWR on-line database of water rights includes 95 active records with manner of use as “Stockwater.” [Appendix 14](#) contains a copy of the Hydrographic Abstract queried by hydrographic area (Dry Lake Valley), manner of use (stockwater), and status (active).

The sources for these water rights are listed as underground (7), spring (76), stream (2), “other surface water” (1), and reservoir (9). The 95 records include a combination of vested rights, Certificated Rights, Reserved Rights, and applications. The duty total from the NDWR on-line database for the five Permitted and Certificated Underground Rights totals 38.48 af. This total is consistent with the 38.48 af of underground stockwater rights listed in the NDWR Hydrographic Area Summary, [Appendix 13](#).



**Figure 3-3**  
**Points of Diversion for all Active Water Rights and**  
**Active Applications for Water Rights within Dry Lake Valley**

### **3.2.1.2 Mining and Milling Rights**

The NDWR on-line water rights database contains one active record with manner of use as “Mining and Milling.” [Appendix 15](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Dry Lake Valley), manner of use (Mining and Milling), and status (active).

The source for this water right is listed as an underground Certificated Right. The duty total from the NDWR on-line database for “Mining and Milling” underground rights totals 18.08 af. This total is consistent with the 18.08 af of underground mining and milling rights listed in the NDWR Hydrographic Area Summary, [Appendix 13](#).

### **3.2.1.3 “Other” Rights**

The NDWR on-line water rights database includes two active records with the manner of use listed as “Other.” [Appendix 16](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Dry Lake Valley), manner of use (Other), and status (active).

The sources for these two rights are listed as springs. The two spring rights are reserved water rights. The total for Permitted and Certificated Underground Water Rights is 0.00 af. This total is consistent with the 0.00 af of underground “Other” rights listed in the NDWR Hydrographic Area Summary, [Appendix 13](#).

### **3.2.1.4 Municipal/Quasi-Municipal Water Rights**

The NDWR on-line database of water rights includes four active records with manner of use as “Municipal” or “Quasi-Municipal.” [Appendix 17](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Dry Lake Valley), manner of use (Municipal and Quasi-Municipal), and status (active).

The source for all four of these active records is listed as underground. All four records are active RFP applications. The duty total for the Permitted or Certificated Underground Rights (active water rights) totals 0.00 af. This total is consistent with the 0.00 af of underground quasi-municipal rights listed in the NDWR Hydrographic Area Summary, [Appendix 13](#).

### **3.2.1.5 Irrigation Water Rights**

The NDWR on-line water rights database includes ten active records with manner of use as “Irrigation.” [Appendix 18](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Dry Lake Valley), manner of use (Irrigation, Irrigation-Carey Act, Irrigation-DLE, and Decreed), and status (active).

The source for these rights is listed as underground and spring. The ten records include a combination of vested claims (3), Certificated Rights (1), Permitted Rights (2), RFP applications (2), and APP applications (2). Four records are listed with the source as spring. The remaining six records are listed with the source as underground and are a combination of Permitted Rights, RFP applications,

and APP applications. Of the six records with the source listed as underground, two records are active water rights and the remaining four records are active applications for water rights. The two active Permitted Water Rights are Application Nos. 77722 and 77723. Both of these water rights have priority dates after October 17, 1989.

The duty total for the Permitted Underground Water Rights totals 1,009.00 af. This total has not been adjusted for supplemental rights. A supplemental analysis of groundwater versus groundwater and surface water versus groundwater rights is included in the following sections of this report. The NDWR Hydrographic Area Summary [Appendix 13](#) lists the underground irrigation rights total as 1,009.00 af.

### **3.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental)**

The NDWR database included six entries for groundwater rights with the manner of use listed as irrigation. Of these applications, two are listed as Permitted, two are listed as RFP, and the remaining two are listed as APP applications.

The groundwater rights were reviewed to determine the quantity, if any, of underground active water rights which may be considered supplemental to other groundwater rights. The supplementally adjusted groundwater rights were then compared to the NDWR Dry Lake Valley Hydrographic Area summary totals. The manners of use of groundwater rights within Dry Lake Valley include stockwater, mining and milling, municipal/quasi-municipal, and irrigation.

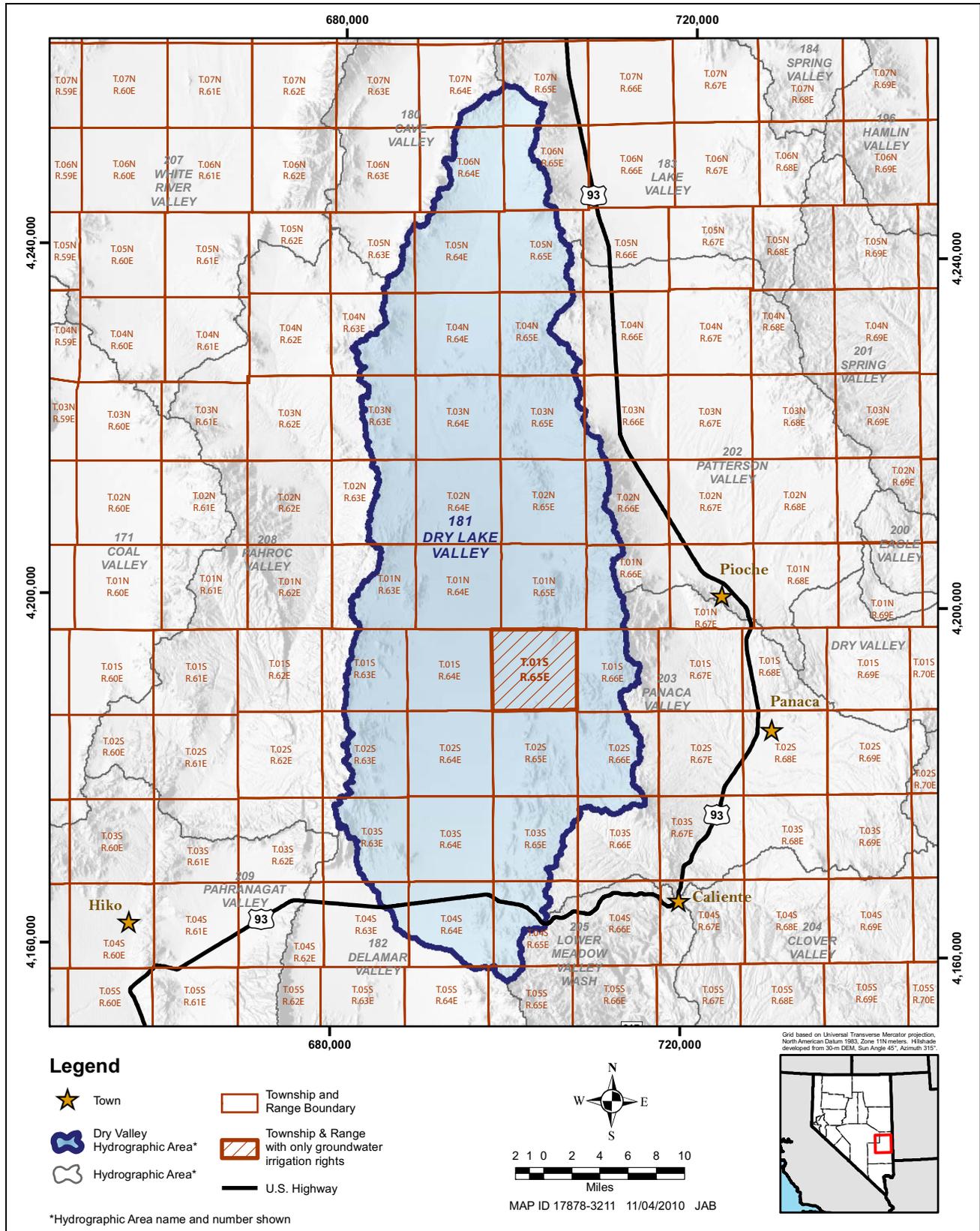
Groundwater rights with a manner of use of stockwater, mining and milling, and municipal/quasi-municipal can have the same POU and may or may not be supplemental. For these rights, the permit or certificate terms would identify whether or not these rights are supplemental. The four applications with manner of use as municipal/quasi-municipal are currently listed as RFP and therefore would not have any permit or certificate terms associated with them. The permit and certificate terms of the groundwater rights with a manner of use listed as stockwater and mining and milling were reviewed. Based on this review, these rights are not considered supplemental in nature.

The following supplemental analysis in this report only involves rights with the manner of use as irrigation because the remaining manner of uses would not be considered supplemental. The two RFP and the two APP applications are not involved in this analysis because they are currently not Permitted Rights.

There are two Permitted Irrigation Rights within Dry Lake Valley with a source listed as groundwater. There are currently no Certificated, Vested Claims, or Decreed Irrigation Rights with a source listed as groundwater. The POU of these irrigation rights is located within Township 1 South, Range 65 East, MDBM. [Figure 3-4](#) shows the locations by Township/Range of the groundwater irrigation rights within Dry Lake Valley.

The two Permitted Irrigation Rights are listed as Permit Nos. 77722 and 77723. The POU of both of these permits is listed as the same approximately 600 acres. Each permit states “not to exceed 504.5 afa, and not to exceed 5.0 afa from any and/or all sources.” 504.5 af at 5.0 afa equates to the

Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 3-4**  
**Township/Range of Groundwater Irrigation Rights (Dry Lake Valley)**

irrigation of 100.9 acres per permit. The POU is within a 600 acre area and therefore there is sufficient land within the POU of these permits so that both of these permits could be Certificated for its full Permitted amount. Additionally, the permits state “The total combined duty of water under Permits Nos. 77722 and 77723 shall not exceed 1,009 afa.” The total combined duty term equals the sum of the individual permits and therefore these permits should not be considered supplemental to each other at this time.

The Permitted Groundwater Irrigation Rights are located within Township 1 South, Range 65 East, MDBM. The location of these rights has been mapped and is shown in [Appendix 19, Map of Groundwater Place of Use Township 1 South, Range 65 East MDBM](#).

Based on the preceding review of underground irrigation rights in Dry Lake Valley, it appears there is 1,009.00 af of potentially sole source (non-supplemental) Permitted Irrigation Rights. No supplemental underground irrigation rights were identified. The NDWR Hydrographic Area Summary, [Appendix 13](#) lists the underground irrigation rights total as 1,009.00 af which is consistent with the analysis completed above.

### 3.4 Evaluation of NDWR Hydrographic Area Summary

The NDWR Hydrographic Area Summary, [Appendix 13](#), lists supplementally adjusted groundwater rights for Irrigation, Mining and Milling, and Stockwater in the amount of 1,065.56 af. [Table 3-3](#) summarizes the volume of existing groundwater rights, supplementally adjusted for Dry Lake Valley. This information is based on the NDWR Hydrographic Area Summary and the analysis completed in [Sections 3.2](#) and [3.3](#) of this report.

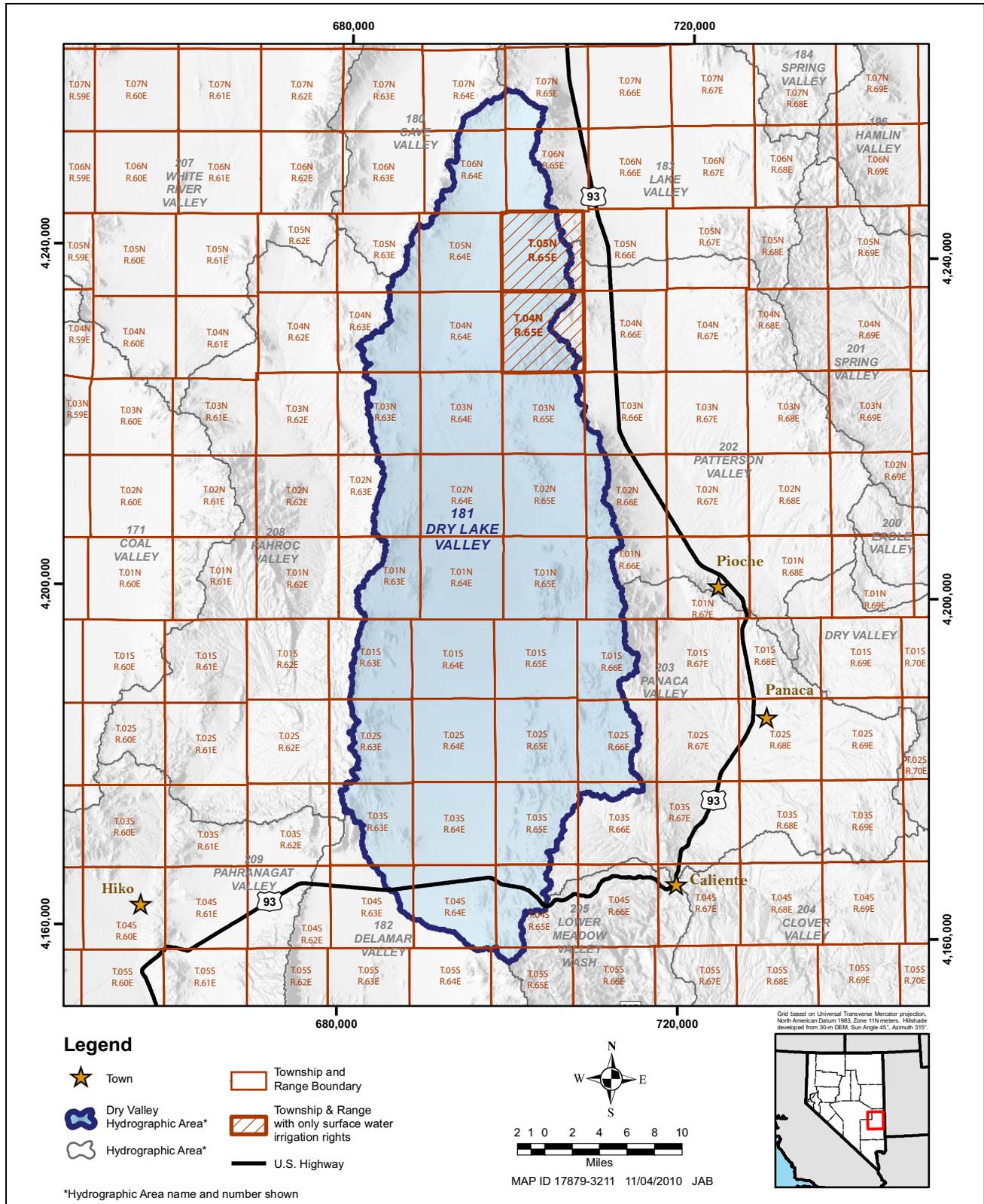
**Table 3-3  
Dry Lake Valley Existing Groundwater Rights, Supplementally Adjusted**

Manner of Use	NDWR Hydrographic Summary (af)	Current Analysis Total (af)	Current Analysis with Priority Date After October 17, 1989 (af)	Current Analysis with Priority Date Before October 17, 1989 (af)
Irrigation	1,009.00	1,009.00	1,009.00	0.00
Mining and Milling	18.08	18.08	0.00	18.08
Stockwater	38.48	38.48	0.00	38.48
<b>Total</b>	1,065.56	1,065.56	1,009.00	<b>56.56</b>

### 3.5 Supplemental Analysis Groundwater versus Surface Water

A portion of the groundwater irrigation rights could not be considered supplemental to existing surface water irrigation rights within Dry Lake Valley because surface water rights and groundwater rights are not located in the same locations. Groundwater rights would be considered supplemental if they are appurtenant to the same POU as the surface water rights. [Figure 3-5](#) shows the Township/Ranges where surface water irrigation places of use are listed.

Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 3-5**  
**Township/Range of Surface Water and Groundwater Irrigation Rights (Dry Lake Valley)**

There are no surface water rights located in the same Township/Range as any groundwater rights within Dry Lake Valley. Therefore, groundwater rights within Dry Lake Valley cannot be supplemental to any surface water rights.

**3.6 Adjusted Duty for Supplemental Groundwater Rights in Dry Lake Valley**

No groundwater irrigation rights supplemental to surface water were identified within Dry Lake Valley. Therefore, the duty of groundwater supplemental to surface water did not need to be adjusted.

**3.7 Estimated Crop Consumptive Use for Dry Lake Valley**

The consumptive use portion of water applied to a crop is that portion of the annual volume of water diverted under a water right that is transpired by growing vegetation, evaporated from soils, converted to non-recoverable water vapor, incorporated into product, or otherwise does not return to the water of the state. The water (groundwater) that is not “consumed” is returned to the groundwater system and ultimately could be available for additional use.

The NDWR has established ET data per basins within Nevada (Huntington and Allen, 2010). Dry Lake Valley lists ET Actual for Alfalfa of 4.3 ft (51.6 in.) and NIWR of 3.7 ft (44.4 in.). [Appendix 20, NDWR ET Rates for Basin 181, Dry Lake Valley](#) lists the various ET and NIWR rates for Dry Lake Valley. The NIWR is equal to the ET actual minus the precipitation and is the “consumptive” use portion of the irrigation water rights or 3.7 ft per irrigation season.

$$\text{NIWR (3.7')} = \text{ET (4.3')} - \text{Precip. (0.6')}$$

Review of the two existing permits for irrigation from groundwater sources shows that the duty is 5.0 afa. [Table 3-4](#) shows the consumptive use adjustment for groundwater rights used for irrigation within Dry Lake Valley.

**Table 3-4  
Consumptive Use of Groundwater Rights within Dry Lake Valley**

Acres	Duty (afa)	Acre Feet Annually	Annual Consumptive Use (ft)	Consumptive Use Ratio	Adjusted for Consumptive Use (afa)
201.8	5.0	1,009.0	3.7	74.0%	746.66

Additionally [Table 3-4](#) shows that if the entire 1,009.0 afa of groundwater rights within Dry Lake Valley were used in a single season, only 746.66 afa would be consumed and the remainder would be returned to the groundwater system for additional use.

**3.8 Estimated Domestic Water Use and Secondary Recharge**

The State of Nevada defines Domestic Water Use as use for culinary and household purposes including the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets and is limited to 2.0 afa per household. Definition from NRS

534.013 and 234.180. Groundwater use from a domestic well does not require an application, permit or certificate from the NSE. This manner of use is not accounted for as a committed groundwater right in the NDWR Hydrographic Summary, but is accounted for as a committed groundwater resource in this analysis.

Information regarding the number of domestic wells, yearly pumping total per well, and the quantity of secondary recharge of water from a domestic well (through septic systems) would be required in order to generate the most accurate estimate of domestic use of groundwater in Dry Lake Valley. This information was not available from NDWR. Therefore, an alternate method for estimating domestic groundwater use was required because these rights are not required to be permitted by or reported to NDWR.

The NDWR on-line Well Driller's Log database includes a list of all wells which have been reported to NDWR. The list includes a total of 22 records and is included as [Appendix 21](#). There are eight records with a casing diameter of 5 to 9 in., which may correspond to domestic wells. This approach results in a broad estimate of the number of domestic wells.

Brown and Caldwell (2005) estimated the per capita use in Carson City and Lyon and Douglas Counties are between 0.20 and 0.22 afa. Population data obtained from the Nevada State Demographer office, utilizing the 2000 Census Data, shows that the mean number of people per household for various counties is as follows:

Carson City County -	2.44
Douglas County -	2.50
Lincoln County -	2.48
Lyon County -	2.61
Nye County -	2.42
White Pine County -	2.42

The most conservative use per capita times the number of people per household (0.22 afa/person times 2.61 persons/household) equals 0.57 afa (estimated water use per household). 0.57 afa times the estimated number of domestic wells in Dry Lake Valley (8) equals an estimate of 4.56 afa pumped by potential domestic wells.

4.56 afa is the total volume of water that is estimated to be withdrawn from the groundwater system by domestic wells. Due to significant depth to water within Dry Lake Valley, it is assumed for this report that secondary recharge to the groundwater through septic tanks would not occur.

Based on the analysis presented, it is estimated that 4.56 afa would be pumped from the groundwater system through domestic wells with the total 4.56 afa consumed and 0.0 afa returned to the groundwater system by secondary recharge.

**3.9 Summary**

Table 3-5 presents the summary information derived by this report’s analysis of groundwater rights within Dry Lake Valley. Table 3-5 contains all Permitted and Certificated Groundwater Rights. The total of committed groundwater rights was derived based on information presented in Sections 3.2 through 3.8. No groundwater rights were identified as being supplemental to surface water rights within Dry Lake Valley. Therefore, a supplemental adjustment was not applied. The duty for irrigation groundwater rights within Dry Lake Valley is 5.0 afa. The consumptive use was calculated based on the specific duty of the individual groundwater irrigation right (5.0 afa) and based on the analysis presented in Section 3.7.

The total committed groundwater rights for Dry Lake Valley with priority dates prior to October 17, 1989, adjusted for supplemental and consumptive use, are estimated to be 61.12 afa.

**Table 3-5  
Committed Groundwater Rights Adjusted for Supplemental and Consumptive Use**

Manner of Use	Total		With Priority Dates After October 17, 1989		With Priority Dates Prior to October 17, 1989	
	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)
Domestic (exempt from permitting)	4.56	4.56	0.00	0.00	4.56	4.56
Irrigation (Non Supplemental)	1,009.00	746.66	1,009.00	746.66	0.00	0.00
Mining and Milling	18.08	18.08	0.00	0.00	18.08	18.08
Stockwater	38.48	38.48	0.00	0.00	38.48	38.48
<b>Total</b>	1,070.12	807.78	1,009.00	746.66	61.12	<b>61.12</b>

## **4.0 DELAMAR VALLEY**

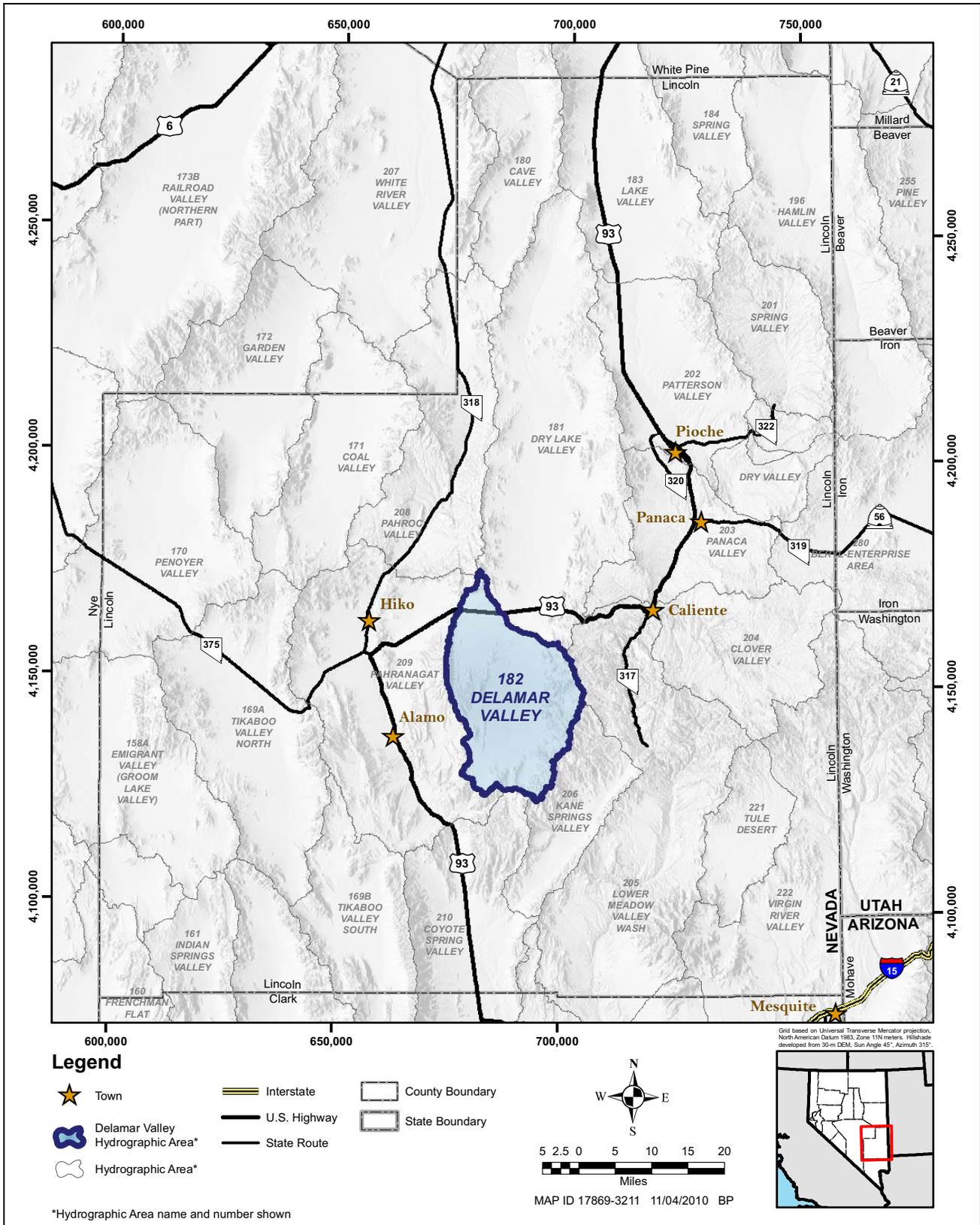
### **4.1 Introduction**

NDWR HA 182, Delamar Valley, is located in the southeastern portion of Nevada. NDWR HA 182 is located within the Central Hydrographic Region. NDWR HA 182 will be referred to as “Delamar Valley” for the remainder of this report. [Figure 4-1](#) shows a map of Delamar Valley.

The purpose of this Summary Report is to analyze the existing water rights within Delamar Valley and complete the following:

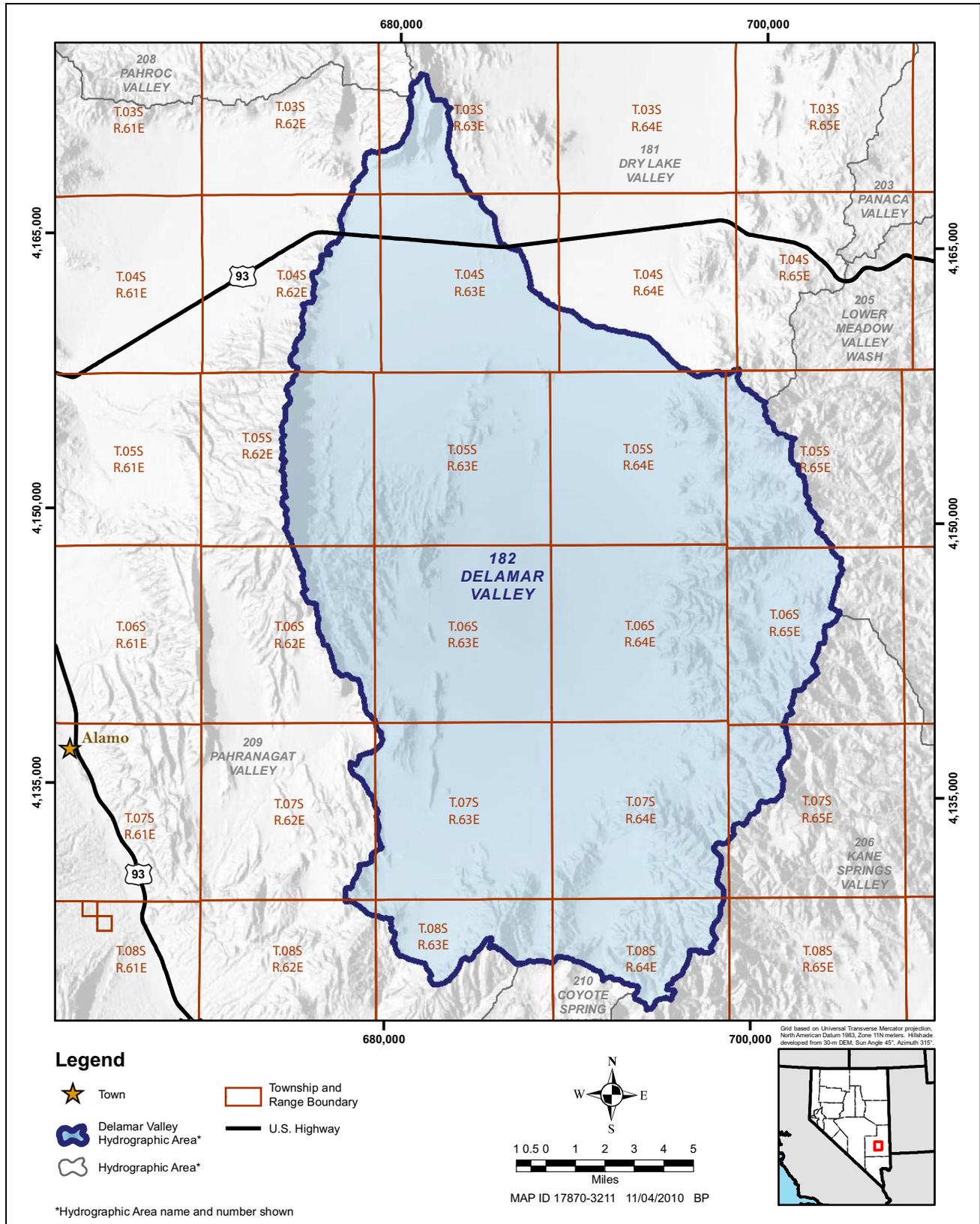
- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust irrigation groundwater rights based on supplemental analysis,
- Adjust irrigation groundwater rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.

The PODs and Places of Use for water rights are identified by location within a 40 acre subdivision of a Section, Township, and Range of the PLSS. [Figure 4-2](#) shows the Townships and Ranges (MDBM) located within Delamar Valley.



**Figure 4-1**  
**Delamar Valley**

Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 4-2**  
Township/Ranges within NDWR HA 182, Delamar Valley

**4.2 Summary of Water Rights in NDWR HA 182, Delamar Valley**

Active water rights and active applications for water rights within the Delamar Valley were obtained from the NDWR on-line water rights database. All information within this report is current as of April 1, 2011.

The NDWR hydrographic abstract, queried for all active records within Delamar Valley is included as [Appendix 22](#). There are currently 67 active water rights and active applications for water rights that are listed as Certificated, Permitted, RFP applications, Reserved Rights, or Vested Claims. Certificated, Permitted, Reserved Rights, and Vested Claims are considered “Active” water rights for this analysis. RFP applications are not “Active” water rights and are considered only as applications to acquire water rights or changes of existing water rights.

The manners of use for these water rights and applications for water rights include stockwater, domestic, mining and milling, industrial, “other”, municipal/quasi-municipal, and irrigation. [Table 4-1](#) lists the number of records for Delamar Valley in the NDWR database per manner of use and their current status.

**Table 4-1  
Number of Active Records Listed per Manner of Use and Status (Delamar Valley)**

Manner of Use	Number of Records	Vested Claims	Certificated	Permitted	Reserved	RFP
Stockwater	57	17	40	0	0	0
Domestic	1	0	0	1	0	0
Mining and Milling	1	0	1	0	0	0
Industrial	2	0	0	0	0	2
Other	1	0	0	0	1	0
Municipal/Quasi-Municipal	4	0	0	0	0	4
Irrigation	1	0	1	0	0	0
Total	67	17	42	1	1	6

The source of water for the 67 active water rights and active applications for water rights includes reservoir, spring, “other surface water”, and underground. [Table 4-2](#) lists the number of records in the NDWR database by manner of use and their source of water.

The NDWR on-line database includes copies of most of the applications, certificates, application maps, and PBU maps. Additionally, the database includes general information, ownership, maps and due dates, and abrogation information. Some information was not available on-line and was obtained through research of the physical files located at the NDWR Carson City office. [Appendix 23](#) is a spreadsheet listing all pertinent information obtained on the 67 active water rights and active applications for water rights in Delamar Valley. Hard copies of this information were also compiled into tabbed binders for reference. These binders are not included in this report because all of the information is available through NDWR. For reference, a list of definitions of applicable terms, as listed directly from the Nevada Division of Water Planning Water Words dictionary, is included as [Appendix 1](#).

**Table 4-2  
Number of Active Records Listed per  
Manner of Use and Source (Delamar Valley)**

Manner of Use	Number of Records	Reservoir	Spring	Other Surface Water	Underground
Stockwater	57	10	42	4	1
Domestic	1	0	1	0	0
Mining and Milling	1	0	1	0	0
Industrial	2	0	0	0	2
Other	1	0	1	0	0
Municipal/Quasi -Municipal	4	0	0	0	4
Irrigation	1	0	1	0	0
Total	67	10	46	4	7

Figure 4-3 shows the approximate location and spatial distribution of the PODs for all active water rights and active applications for water rights within Delamar Valley. The dataset of PODs within Delamar Valley was obtained from NDWR (December 2009) and Figure 4-3 is for visual purposes only.

#### 4.2.1 Water Rights and Applications per Manner of Use

The NDWR Hydrographic Area Summary for Delamar Valley, found in Appendix 24, was downloaded from the NDWR on-line database. The Hydrographic Area Summary lists the appropriated water from underground sources within Delamar Valley and is shown as being supplementally adjusted. Only stockwater is listed with appropriation of groundwater. The total for these groundwater rights is 7.24 afa for stockwater and 0.00 afa attributed to irrigation.

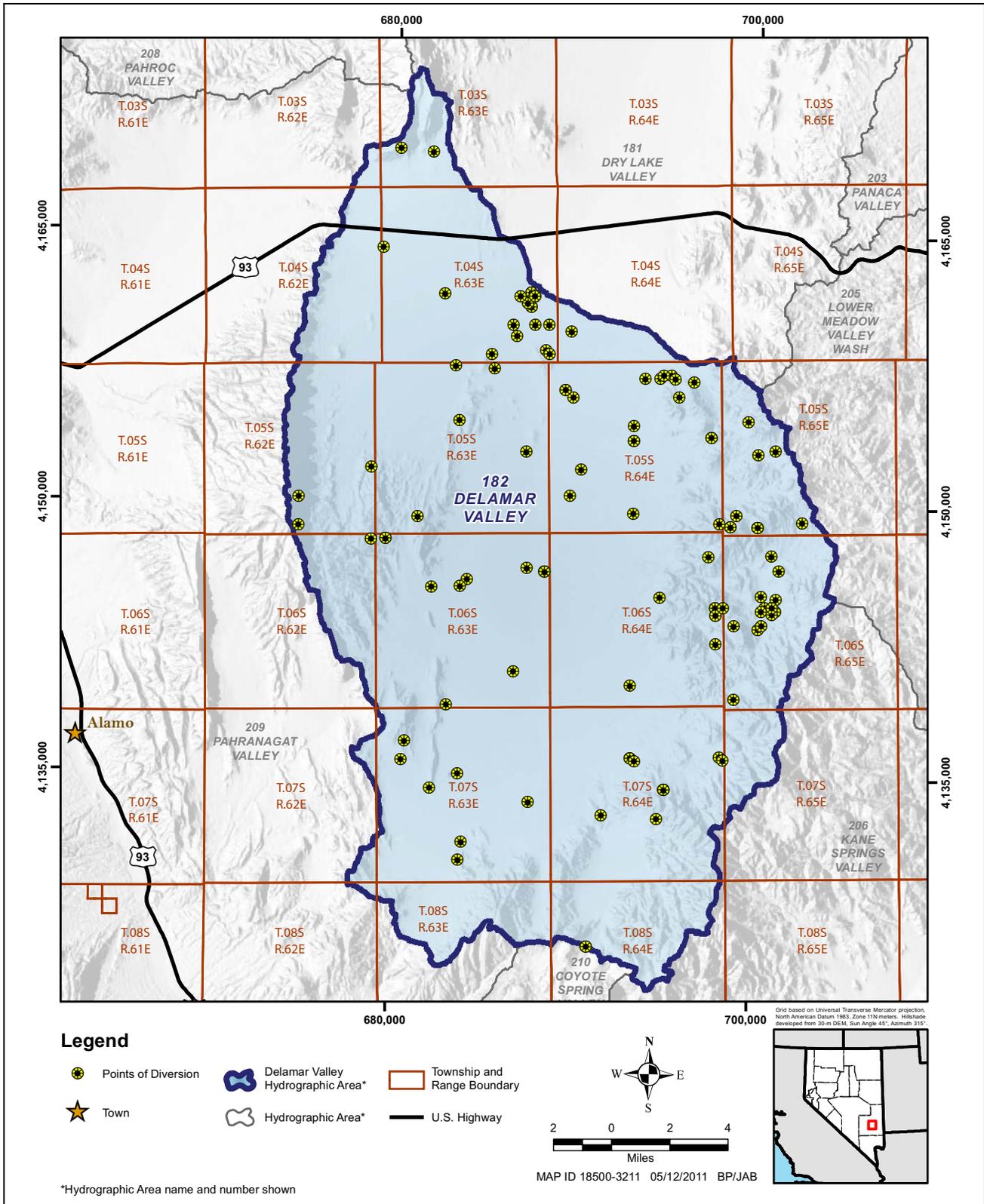
The water rights were compiled and reviewed based on the manner of use: stockwater, domestic, mining and milling, industrial, “other”, municipal/quasi-municipal, and irrigation. The following sections include summaries of each manner of use category, with an identification of active groundwater rights and a comparison with the NDWR Hydrographic Area Summary totals. For completeness, all active water rights and active applications for water rights are identified.

##### 4.2.1.1 Stockwater Rights

The NDWR on-line database of water rights includes 57 active records with manner of use as “Stockwater.” Appendix 25 is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (stockwater), and status (active).

The source for these rights are listed as underground (1), spring (42), reservoir (10), and “other surface water” (4).

The 57 records include a combination of Vested Claims and Certificated Rights. The duty total from the NDWR on-line database for the single Certificated Underground Right is 7.24 af. This total is consistent with the 7.24 af of underground stockwater rights listed in the NDWR Hydrographic Area



**Figure 4-3**  
**Points of Diversion for all Active Water Rights and**  
**Active Applications for Water Rights within Delamar Valley**

Summary, [Appendix 24](#). The underground stockwater right has a priority date prior to October 17, 1989.

#### **4.2.1.2 Domestic Rights**

The NDWR on-line water rights database includes one active record with the manner of use listed as “Domestic.” [Appendix 26](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (Domestic), and status (active).

This right is listed with a source as a spring. This right is Certificated, but it is not from an underground source. Therefore the duty total from the NDWR on-line database for underground rights totals 0.00 af. This total is consistent with the 0.00 af of underground domestic rights listed in the NDWR Hydrographic Area Summary, [Appendix 24](#).

#### **4.2.1.3 Mining and Milling Rights**

The NDWR on-line water rights database includes one active record with the manner of use listed as “Mining and Milling.” [Appendix 27](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (mining and milling), and status (active). The source for this right is listed as a spring.

This right is Certificated, but it is not from an underground source. Therefore, the duty total for “mining and milling” underground rights within Delamar Valley is 0.0 af. This total is consistent with the 0.0 af of underground Mining and Milling rights listed in the NDWR Hydrographic Area Summary, [Appendix 24](#).

#### **4.2.1.4 Industrial Rights**

The NDWR on-line water rights database includes two active records with the manner of use listed as “Industrial.” [Appendix 28](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (industrial), and status (active).

The source for these rights is listed as groundwater. However, they are both RFP applications and both have priority dates after October 17, 1989. Therefore the duty total for “industrial” underground rights within Delamar Valley is 0.0 af. This total is consistent with the 0.0 af of underground industrial rights listed in the NDWR Hydrographic Area Summary, [Appendix 24](#).

#### **4.2.1.5 “Other” Rights**

The NDWR on-line water rights database includes one active record with the manner of use listed as “Other.” [Appendix 29](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (Other), and status (active).

The source for this right is listed as a spring and is a reserved water right. The total for Permitted and Certificated Underground Water Rights is 0.0 af. This total is consistent with the 0.0 af of underground “Other” rights listed in the NDWR Hydrographic Area Summary, [Appendix 24](#).

#### **4.2.1.6 Municipal/Quasi-Municipal Water Rights**

The NDWR on-line database of water rights includes four active records with manner of use as “Municipal” or “Quasi-Municipal.” [Appendix 30](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (Municipal and Quasi-Municipal), and status (active).

The source for all four of these active records is listed as underground. All four records are also listed as RFP applications. The duty total for the Permitted or Certificated Underground Rights (active water rights) totals 0.00 af since all four records are RFP. This total is consistent with the 0.00 af of underground quasi-municipal rights listed in the NDWR Hydrographic Area Summary, [Appendix 24](#).

#### **4.2.1.7 Irrigation Water Rights**

The NDWR on-line water rights database includes one active record with manner of use as “Irrigation.” [Appendix 31](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Delamar Valley), manner of use (Irrigation, Irrigation-Carey Act, Irrigation-DLE, Decreed), and status (active).

The source for this right is listed as a spring, and is a Certificated Right. Since there are no underground irrigation rights, the duty total for the Certificated Underground Water Rights Totals 0.00 af. The NDWR Hydrographic Area Summary [Appendix 24](#) lists the underground irrigation-DLE as 0.00 af and irrigation as 0.00 af, for a total of 0.00 af. The NDWR Hydrographic Area Summary, [Appendix 24](#) states that this basin has been supplementally adjusted.

### **4.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental)**

Groundwater rights with a manner of use of stockwater, commercial, domestic, and municipal/quasi-municipal can have the same POU and may or may not be supplemental. For these rights, the permit or certificate terms would identify whether or not these rights are supplemental. Review of the permit or certificate terms show that the single underground stockwater right would not be considered supplemental to any other groundwater right.

The NDWR database included no entries for groundwater rights with the manner of use listed as “Irrigation.” Therefore, an analysis of sole source versus supplemental groundwater has not been conducted since there are no groundwater irrigation rights located within Delamar Valley.

#### 4.4 Evaluation of NDWR Hydrographic Area Summary

The NDWR Hydrographic Area Summary, [Appendix 24](#), lists supplementally adjusted groundwater rights for Stockwater in the amount of 7.24 af. [Table 4-3](#) summarizes the volume of existing groundwater rights, supplementally adjusted for Delamar Valley. This information is based on the NDWR Hydrographic Area Summary and the analysis completed in [Sections 4.2](#) and [4.3](#) of this report.

**Table 4-3  
Delamar Valley Existing Groundwater Rights, Supplementally Adjusted**

Manner of Use	NDWR Hydrographic Summary (af)	Current Analysis Total (af)	Current Analysis with Priority Date After October 17, 1989 (af)	Current Analysis with Priority Date Before October 17, 1989 (af)
Stockwater	7.24	7.24	0.00	7.24
<b>Total</b>	7.24	7.24	0.00	<b>7.24</b>

#### 4.5 Supplemental Analysis Groundwater versus Surface Water

Groundwater rights would be considered supplemental if they are appurtenant to the same POU as the surface water rights. [Figure 4-4](#) shows the locations (Township/Range) where only surface water irrigation rights are located. There are no groundwater irrigation rights within Delamar Valley; therefore, no groundwater irrigation rights could be supplemental to surface water rights.

#### 4.6 Adjusted Duty for Supplemental Groundwater Rights in Delamar Valley

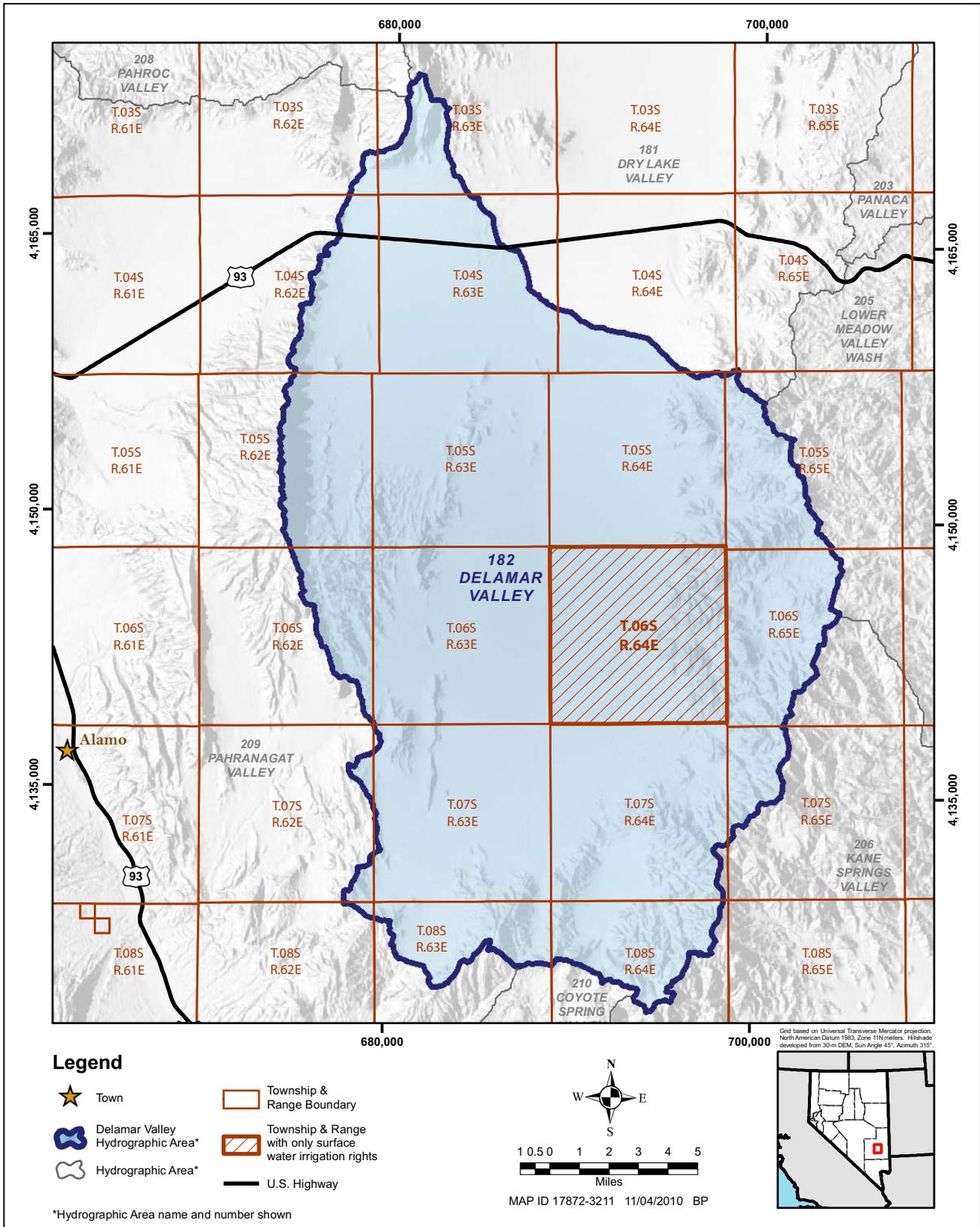
There no groundwater irrigation rights identified in Delamar Valley; therefore the duty for groundwater rights supplemental to surface water did not need to be adjusted.

#### 4.7 Estimated Crop Consumptive Use for Delamar Valley

There were no groundwater irrigation rights identified in Delamar Valley; therefore the estimated crop consumptive use did not need to be determined for Delamar Valley.

#### 4.8 Estimated Domestic Water Use and Secondary Recharge

The State of Nevada defines “Domestic Water Use” as use for culinary and household purposes including the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets and is limited to 2.0 afa per household. Definition from NRS 534.013 and 234.180. Groundwater use from a domestic well does not require an application, permit, or certificate from the NSE. This manner of use is not accounted for as a committed groundwater right in the NDWR Hydrographic Summary, but is accounted for as a committed groundwater resource in this analysis.



**Figure 4-4**  
**Township/Range of Surface Water Irrigation Rights (Delamar Valley)**

Information regarding the number of domestic wells, yearly pumping total per well, and the quantity of secondary recharge of water from a domestic well (through septic systems) would be required in order to generate the most accurate estimate of domestic use of groundwater in Delamar Valley. This information was not available from the NDWR. Therefore, an alternate method for estimating domestic groundwater use was required because these rights are not required to be permitted by or reported to NDWR.

The NDWR on-line Well Driller's Log database includes a list of all wells which have been reported to NDWR. The list includes a total of 12 records and is included as [Appendix 32](#). There are three records that list a casing diameter of 5 to 9 in., which may correspond to domestic wells. This approach results in a broad estimate of the number of domestic wells.

Brown and Caldwell (2005) estimated the per capita use in Carson City and Lyon and Douglas Counties are between 0.20 and 0.22 afa. Population data obtained from the Nevada State Demographer office, utilizing the 2000 Census Data, shows that the mean number of people per household for various counties is as follows:

Carson City County -	2.44
Douglas County -	2.50
Lincoln County -	2.48
Lyon County -	2.61
Nye County -	2.42
White Pine County -	2.42

The most conservative use per capita times the number of people per household (0.22 afa/person times 2.61 persons/household) equals 0.57 afa (estimated water use per household). 0.57 afa times the estimated number of domestic wells (3) in Delamar Valley equals an estimate of 1.71 afa pumped by potential domestic wells.

1.71 afa is the total volume of water that is estimated to be withdrawn from the groundwater system by domestic wells. Due to significant depth to water within Delamar Valley, it is assumed for this report that secondary recharge to the groundwater through septic tanks would not occur.

Based on the analysis presented, it is estimated that 1.71 afa would be pumped from the groundwater system through domestic wells with the total 1.71 afa consumed and 0.0 afa returned to the groundwater system by secondary recharge.

#### **4.9 Summary**

The total committed groundwater rights for Delamar Valley was analyzed by determining rights with priority dates prior to October 17, 1989, priority dates after October 17, 1989, and the total of all rights. The total of committed groundwater rights was derived based on information presented in [Sections 4.2 through 4.8](#). Only stockwater groundwater rights were listed in Delamar Valley.

[Table 4-4](#) shows that the committed groundwater rights for Delamar Valley, with priority dates prior to October 17, 1989, are estimated to be 8.95 afa.

**Table 4-4  
Committed Groundwater Rights Adjusted for Supplemental and Consumptive Use**

Manner of Use	Total		With Priority Dates After October 17, 1989		With Priority Dates Prior to October 17, 1989	
	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for Consumptive Use Annual Duty (af)
Domestic (exempt from permitting)	1.71	1.71	0.0	0.0	1.71	1.71
Stockwater	7.24	7.24	0.00	0.00	7.24	7.24
<b>Total</b>	8.95	8.95	0.00	0.00	8.95	<b>8.95</b>

## **5.0 SPRING VALLEY**

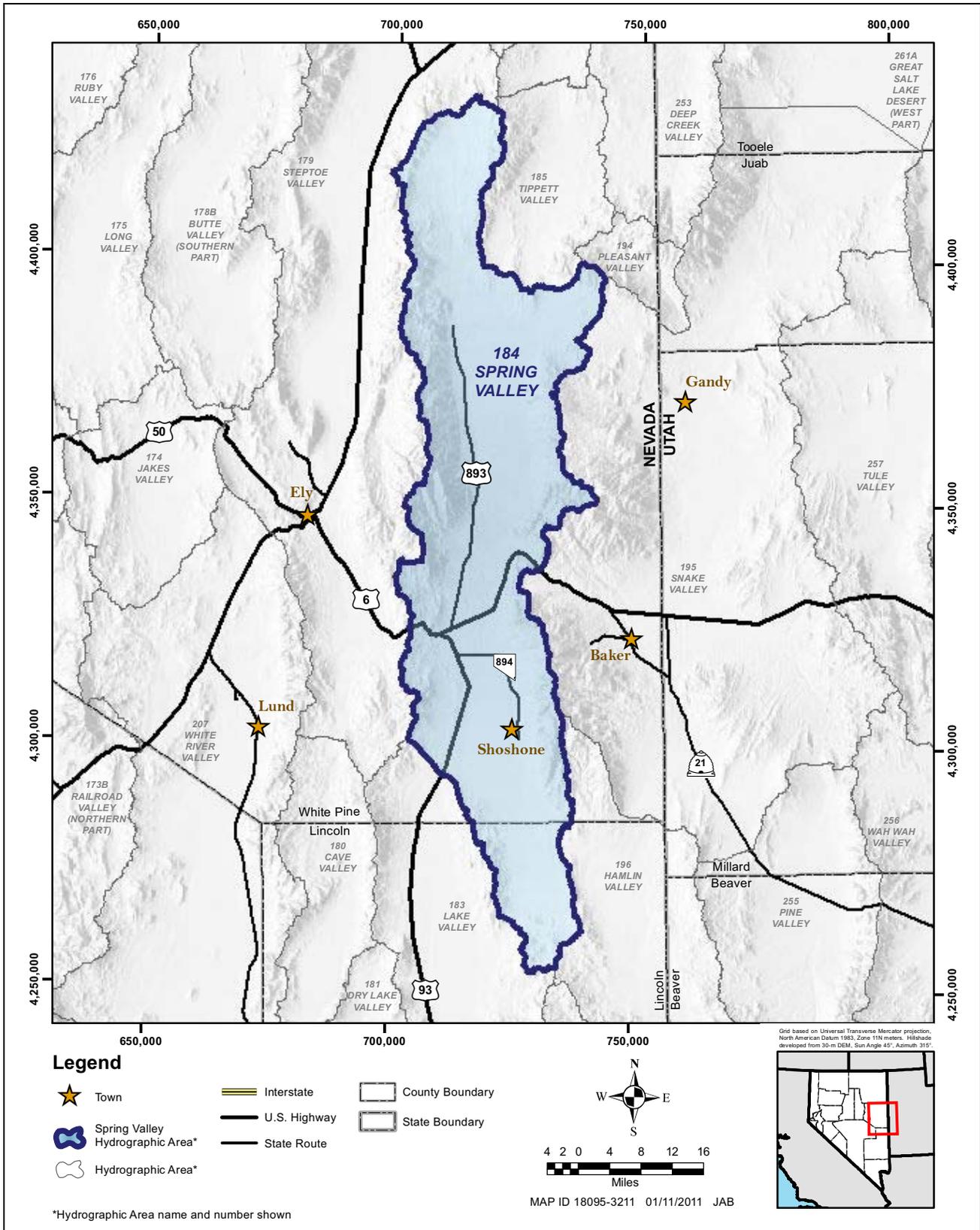
### **5.1 Introduction**

NDWR HA 184, Spring Valley, is located in the east–central portion of Nevada. NDWR HA 184 is located within the Central Hydrographic Region. NDWR HA 184 will be referred to as “Spring Valley” for the remainder of this report. [Figure 5-1](#) shows a map of Spring Valley.

The purpose of this Summary Report is to analyze the existing water rights within Spring Valley and complete the following:

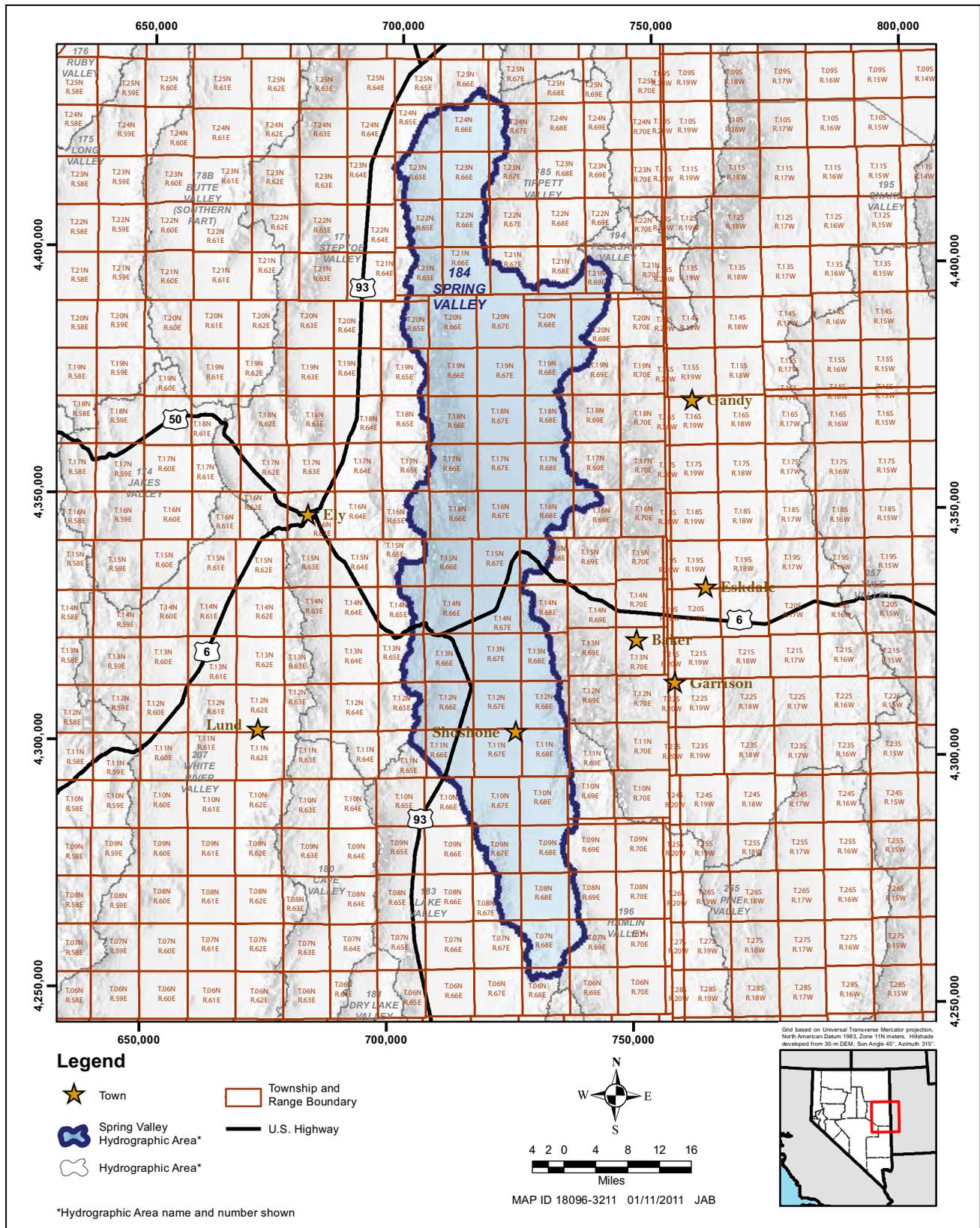
- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust irrigation groundwater rights based on supplemental analysis,
- Adjust irrigation groundwater rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.

The PODs and Places of Use for water rights are located within a 40 acre subdivision of a Section, Township, and Range of the PLSS. [Figure 5-2](#) shows the Townships and Ranges (MDBM) located within Spring Valley.



**Figure 5-1**  
**Spring Valley**

# Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 5-2**  
**Townships/Ranges within NDWR HA 184, Spring Valley**

**5.2 Summary of Water Rights in NDWR HA 184, Spring Valley**

Active water rights and active applications for water rights within Spring Valley were obtained from the NDWR on-line water rights database. All information within this report is current as of April 1, 2011.

The NDWR hydrographic abstract, queried for all active records within Spring Valley is included as [Appendix 33](#). There are currently 505 active water rights and active applications for water rights that are listed as Certificated, Decreed, Permitted, RFA applications, RFP applications, APP applications, Reserved Rights, or Vested Claims. Certificated, Decreed, Permitted, Reserved Rights and Vested Claims are considered “Active” water rights for this analysis. RFA, RFP, and APP applications are not “Active” water rights and are considered only as applications to acquire water rights or changes of existing rights.

The manners of use for the water rights and applications for water rights include stockwater, power, domestic, wildlife, mining and milling, “other,” municipal/quasi-municipal, commercial, and irrigation. [Table 5-1](#) lists the number of records in the NDWR database per manner of use and their current status.

**Table 5-1  
Number of Active Records Listed per Manner of Use and Status (Spring Valley)**

Manner of Use	Number of Records	Vested Claims	Decreed	Certificated	Permitted	Reserved	RFA	RFP	APP
Stockwater	130	48	2	62	1	1	0	5	11
Power	15	0	0	1	0	0	13	1	0
Domestic	3	0	0	1	2	0	0	0	0
Wildlife	6	0	0	1	3	0	0	2	0
Mining and Milling	22	3	0	18	1	0	0	0	0
Other	24	0	0	0	0	23	1	0	0
Municipal/ Quasi-Municipal	42	0	0	1	2	0	0	39	0
Commercial	2	0	0	0	0	0	2	0	0
Irrigation	261	46	4	88	20	0	25	70	8
<b>Total</b>	<b>505</b>	<b>97</b>	<b>6</b>	<b>172</b>	<b>29</b>	<b>24</b>	<b>41</b>	<b>117</b>	<b>19</b>

The sources of water for the 505 active water rights and active applications for water rights include stream, spring, “other surface water,” reservoir/lake, and underground. [Table 5-2](#) lists the number of records in the NDWR database by manner of use and their source of water.

The NDWR on-line database includes copies of most of the applications, certificates, application maps, and PBU maps. Additionally, the database includes general information, ownership, maps and due dates, and abrogation information. Some information was not available on-line and was obtained through research of the physical files located at the NDWR Carson City office. [Appendix 34](#) is a spreadsheet listing all pertinent information obtained on the 505 active water rights and active applications for water rights in Spring Valley. Hard copies of this information were also compiled

**Table 5-2  
Number of Active Records Listed per  
Manner of Use and Source (Spring Valley)**

Manner of Use	Number of Records	Stream	Spring	Underground	Other Surface Water	Reservoir Lake
Stockwater	130	14	79	34	2	1
Power	15	15	0	0	0	0
Domestic	3	0	3	0	0	0
Wildlife	6	0	0	6	0	0
Mining and Milling	22	6	10	6	0	0
Other	24	0	23	1	0	0
Municipal/Quasi-Municipal	42	0	0	42	0	0
Commercial	2	1	0	1	0	0
Irrigation	261	96	60	99	3	3
<b>Total</b>	<b>505</b>	<b>132</b>	<b>175</b>	<b>189</b>	<b>5</b>	<b>4</b>

into tabbed binders for reference. These binders are not included in this report because all of the information is available through NDWR resources. For reference, definitions of applicable terms, as listed directly from the Nevada Division of Water Planning Water Words Dictionary, is included as [Appendix 1](#).

[Figure 5-3](#) shows the approximate location and spatial distribution of the PODs for all active water rights and active applications for water rights within Spring Valley. The dataset of PODs within Spring Valley was obtained from NDWR (December 2009) and [Figure 5-3](#) is for visual purposes only.

### 5.2.1 Water Rights and Applications per Manner of Use

The NDWR Hydrographic Area Summary for Spring Valley, found in [Appendix 35](#), was downloaded from the NDWR on-line database. The Hydrographic Area Summary lists the appropriated water from underground sources within Spring Valley. Irrigation-DLE, irrigation, quasi-municipal, mining and milling, stockwater, and wildlife are listed with appropriations of groundwater. The total for these groundwater rights is 21,740.91 afa with 19,839.65 afa attributed to irrigation and irrigation-DLE. Irrigation-DLE water rights are treated the same as irrigation rights for the analysis in this report. [Table 5-3](#) lists the total groundwater rights per manner of use within Spring Valley. This total was derived from adding all groundwater rights per manner of use without any supplemental analysis completed or applied.

The water rights were compiled and reviewed based on the manner of use (stockwater, power, domestic, wildlife, mining and milling, “other,” municipal/quasi-municipal, commercial, and irrigation). The following sections include summaries of each manner of use category, with the identification of active groundwater rights and comparison of those rights with the NDWR Hydrographic Area Summary totals. For completeness, all active water rights and active applications for water rights are identified.

**Table 5-3  
Total Groundwater Rights–Not Supplementally Adjusted**

Manner of Use	Total Groundwater Rights – Not Supplementally Adjusted
Stockwater	403.92
Wildlife	57.99
Mining and Milling	2,060.63
Municipal/Quasi-Municipal	78.64
Irrigation	26,883.59
<b>Total</b>	<b>29,484.77</b>

**5.2.1.1 Stockwater Rights**

The NDWR on-line database of water rights includes 130 active records with manner of use as “stockwater.” [Appendix 36](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (stockwater), and status (active).

The sources for these rights are listed as underground (34), spring (79), stream (14), “other surface water” (2), and reservoir (1). The 130 records include a combination of Vested, Decreed, Certificated, Permitted, and Reserved Rights, as well as RFP and APP applications. The duty total from the NDWR on-line database for Permitted and Certificated Underground Rights is 403.92 af. This total is consistent with the 403.92 af of underground stockwater rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

One underground stockwater right (Permit No. 60104) has a priority date after October 17, 1989. The total duty for this right is 2.26 af. Twenty-eight of the 130 active records for stockwater rights are currently owned by the SNWA. [Appendix 34](#) lists all the active water rights in Spring Valley and identifies records that have priority dates after October 17, 1989, as well as records identified as owned by the SNWA.

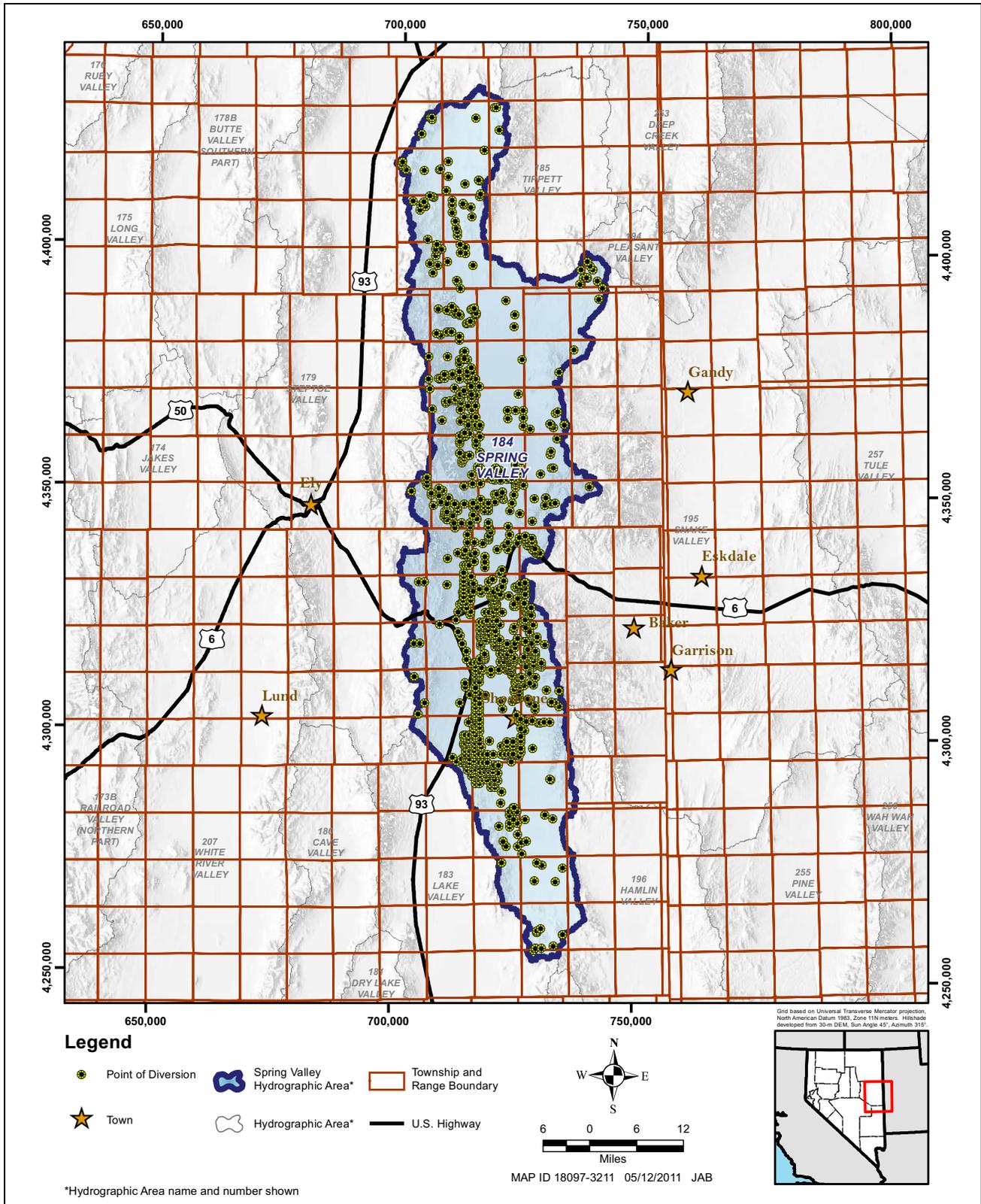
**5.2.1.2 Power Rights**

The NDWR on-line water rights database includes 15 active records with the manner of use listed as “power.” [Appendix 37](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (power), and status (active). The source for all 15 of these rights is listed as stream.

The 15 records include a combination of a single Certificated Right and 14 applications listed as RFA (13) and RFP (1). As none of these water rights are from underground sources, the duty total for power underground rights within Spring Valley is 0.0 af. This total is consistent with the 0.0 af of underground power rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

None of the records with manner of use as power have a priority date after October 17, 1989. Eight of the 15 active records are currently owned by the SNWA.

Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 5-3**  
**Points of Diversion for all Active Water Rights and Active Applications for Water Rights within Spring Valley**

### **5.2.1.3 Domestic Rights**

The NDWR on-line water rights database includes three active records with the manner of use listed as “domestic.” [Appendix 38](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (domestic), and status (active). All three of these rights are listed with a source as spring.

None of these water rights are from underground sources. Therefore, the duty total from the NDWR on-line database for the Certificated Underground Rights totals 0.00 af. This total is consistent with the 0.00 af of underground domestic rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

One of the three spring rights (Permit No. 56236) has a priority date after October 17, 1989. None of the three spring rights are currently owned by the SNWA.

### **5.2.1.4 Wildlife Rights**

The NDWR on-line water rights database includes six active records with the manner of use listed as “wildlife.” [Appendix 39](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (wildlife), and status (active).

All six of these water rights are from underground sources. The six active records include a combination of one Certificated Right, three Permitted Rights, and two RFP applications. The duty total for the Permitted and Certificated Underground Rights is 57.99 af. This total is consistent with the 57.99 af of underground wildlife rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

Three of the underground wildlife rights (Permit Nos. 60086, 77383, and 77384) have priority dates after October 17, 1989. The total duty for these rights is 37.98 af. One of the six active records for wildlife rights are currently owned by the SNWA.

### **5.2.1.5 Mining and Milling Rights**

The NDWR on-line water rights database includes 22 active records with manner of use listed as “mining and milling.” [Appendix 40](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (mining and milling), and status (active).

The sources for these water rights are listed as underground (6), spring (10), and stream (6).

The 22 active records include a combination of three vested claims, 18 Certificated Rights, and one Permitted Right. The duty total for the Permitted and Certificated Underground Rights is 2,060.63 af. Two of the Certificated Underground Rights (Permit Nos. 29371 and 29567) have combined duty terms not to exceed 261.789 mga or 803.40 afa. Adjusted, the total duty for these combined duty terms reduces the total Permitted and Certificated Underground Rights to 1,360.70 af. This total is

consistent with the 1,360.70 af of underground mining and milling rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

One of the active mining and milling underground rights (Permit No 58302) has a priority date after October 17, 1989. The total duty for this right is 302.44 af. None of the 22 active records for mining and milling rights are currently owned by the SNWA.

#### **5.2.1.6 “Other” Rights**

The NDWR on-line water rights database includes 24 active records with the manner of use listed as “other.” [Appendix 41](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (other), and status (active).

The source for 23 of these water rights is listed as springs. The remaining water right lists a source as underground, which is also listed as RFA application. All 23 spring rights are reserved water rights. The total for Permitted and Certificated Underground Water Rights is 0.0 af. This total is consistent with the 0.0 af of underground “other” rights listed in NDWR Hydrographic Area Summary, [Appendix 35](#).

None of the “other” rights has a priority date after October 17, 1989. None of the 24 records are currently owned by the SNWA.

#### **5.2.1.7 Municipal/Quasi-Municipal Water Rights**

The NDWR on-line database of water rights includes 42 active records with manner of use as “municipal” or “quasi-municipal.” [Appendix 42](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (municipal and quasi-municipal), and status (active).

The source for all 42 of these active records is listed as underground. Of these 42 underground records, one is Certificated, two are Permitted, and the remaining 39 are RFP. The duty total for the Permitted or Certificated Underground Rights (active water rights municipal/quasi-municipal) is 78.64 af. This total is consistent with the 78.64 af of underground municipal/quasi-municipal rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

Two of the municipal/quasi-municipal rights (Permit Nos. 65641 and 72643) have priority dates after October 17, 1989. The duty for these two rights is 6.24 af. Thirty-eight (38) of the 42 records are currently owned by the SNWA.

#### **5.2.1.8 Commercial Water Rights**

The NDWR on-line database of water rights includes 2 active records with manner of use as “commercial”. [Appendix 43](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (commercial), and status (active).

The source for one of these records is spring and the other is underground. Both of these records are listed as RFA applications. The duty for commercial underground water rights is 0.00 af because there are no Permitted or Certificated Commercial Underground Rights. This total is consistent with the 0.00 af of underground commercial rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

One of the applications for commercial rights (80602-T) is a temporary change application to an irrigation base right (Permit No. 54204), which has a priority date after October 17, 1989. Neither of these rights is owned by the SNWA.

### **5.2.1.9 Irrigation Water Rights**

The NDWR on-line water rights database includes 261 active records with manner of use as “irrigation.” [Appendix 44](#) is a copy of the Hydrographic Abstract queried by hydrographic area (Spring Valley), manner of use (irrigation, irrigation-Carey Act, irrigation-DLE, Decreed), and status (active).

The sources for these rights are listed as underground (99), spring (60), stream (96), “other surface water” (3), and reservoir/lake (3). A review of NDWR records shows that the reservoir/lake rights originated from surface water sources. Sources listed as spring, stream, “other surface water,” and reservoir/lake are all considered surface water sources.

The 261 records include a combination of Decreed Rights, Vested Claims, Certificated Rights, Permitted Rights, and applications listed as RFA, RFP, and APP. One hundred sixty-two (162) records are listed with the source as spring, stream, “other” surface water, and reservoir/lake. The remaining 99 records are listed with the source as underground and are a combination of Certificated Rights, Permitted Rights, and RFA and RFP applications. Of the 99 records with the source listed as underground, 38 records are active water rights and the remaining 61 records are active applications for water rights.

The duty total, if all rights were added together, for the Permitted and Certificated underground irrigation water rights is 26,883.59 af. This total has not been adjusted for supplemental rights. A supplemental analysis of groundwater versus groundwater and surface water versus groundwater rights is included in subsequent sections of this report. [Appendix 35](#) lists the underground irrigation-DLE as 836.98 af and irrigation as 19,002.67 af, for a total of 19,839.65 af. The Hydrographic Area Summary states that this basin has been supplementally adjusted.

Four spring rights (Permit Nos. 55363, 55364, 55365, and 66734) have priority dates after October 17, 1989. Six underground rights (Permit Nos. 54204, 54205, 63532, 63533, 71525, and 71603) have priority dates after October 17, 1989. The total duty for these six underground permits will be evaluated in subsequent sections of this report.

One hundred and sixty (160) of the 261 records are currently owned by the SNWA.

### 5.3 Analysis of Groundwater Irrigation Water Rights (Sole Source versus Supplemental)

The groundwater rights were reviewed to determine the quantity, if any, of underground active water rights which may be considered supplemental to other groundwater rights. Additionally, groundwater rights were identified with priority dates after October 17, 1989. The manners of use of groundwater rights within Spring Valley include stockwater, wildlife, mining and milling, municipal/quasi-municipal, and irrigation. Applications listed as RFA, RFP, and APP applications are not involved in this analysis because they are currently not Permitted Rights.

Groundwater rights with a manner of use of stockwater, wildlife, mining and milling, and municipal/quasi-municipal can have the same POU and may or may not be supplemental. For these rights, the permit or certificate terms would identify these rights as supplemental, if applicable. The permit and certificate terms of the groundwater rights with a manner of use listed as stockwater, commercial, domestic, and municipal/quasi-municipal were reviewed. Based on this review, the stockwater, wildlife, and municipal/quasi-municipal rights are not considered supplemental in nature. Permit conditions are included for the mining and milling rights and can include supplemental terms. As stated in [Section 5.2.1.5](#), the total duty for the Permitted and Certificated Underground Mining and Milling Rights is 2,060.63 af. Two of the Certificated underground rights, numbers 29371 and 29567, have combined duty terms not to exceed 261.789 mga or 803.40 afa. Adjusted, the total duty for these combined duty terms reduces the total Permitted and Certificated underground rights to 1,360.70 af. This total is consistent with the 1,360.70 af of underground mining and milling rights listed in the NDWR Hydrographic Area Summary, [Appendix 35](#).

The NDWR database included 99 entries for groundwater rights with the manner of use listed as irrigation. Of these applications, 24 are listed as Certificated, 14 are listed as Permitted, and the remaining 61 are listed as RFA, RFP, and APP applications. The following supplemental analysis in this report only involves rights with the manner of use as irrigation. The 61 RFA, RFP, and APP applications are not involved in this analysis because they are currently not Permitted Rights.

The places of use of the 38 active groundwater irrigation rights were determined through review of certificates, permits, and their associated maps filed with the NDWR. The supplemental analysis was completed using POU spreadsheets and also by mapping the water rights. [Appendix 45, Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights \(Un-sorted\)](#) is organized numerically by application number. The spreadsheet includes the location of each irrigation groundwater right POU by 40 acre subdivision. This spreadsheet lists the application number, status, source, quarter-quarter (QQ), quarter (Q), section (Sec), township (Twn), range (Rng), baseline meridian (BM), and irrigated acres.

The acreage and subdivision locations were obtained from the pertinent filed documents. The POU per quarter-quarter was input into a spreadsheet and sorted by location. This sort resulted in the identification of any Certificated or Permitted Rights that are appurtenant to the same location. If none of these rights were within the same 40 acre subdivision, then it was concluded that these rights are all non-supplemental rights (not supplemental to each other). If it was determined that any of these Certificated or Permitted Rights were within the same 40 acre subdivision, then a further

analysis was conducted, which included a review of the PBU maps, to determine if the water rights are non-supplemental or supplemental.

The list of irrigation underground rights included in [Appendix 45](#) was sorted in descending order by range, township, section, quarter, and quarter-quarter subdivision to identify any possible areas of supplemental groundwater irrigation rights. [Appendix 46, \*Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights \(Sorted\)\*](#) is the resulting sorted spreadsheet. Review of this sorted spreadsheet showed that groundwater irrigation rights are located in 11 Township/Ranges within Spring Valley. [Table 5-4](#) lists the locations by township/range of the Spring Valley groundwater irrigation rights and the appendix reference location of the mapped water rights. [Figure 5-4](#) shows the locations by township/range of the groundwater irrigation rights.

**Table 5-4  
Township/Range of Groundwater  
Irrigation Rights within Spring Valley**

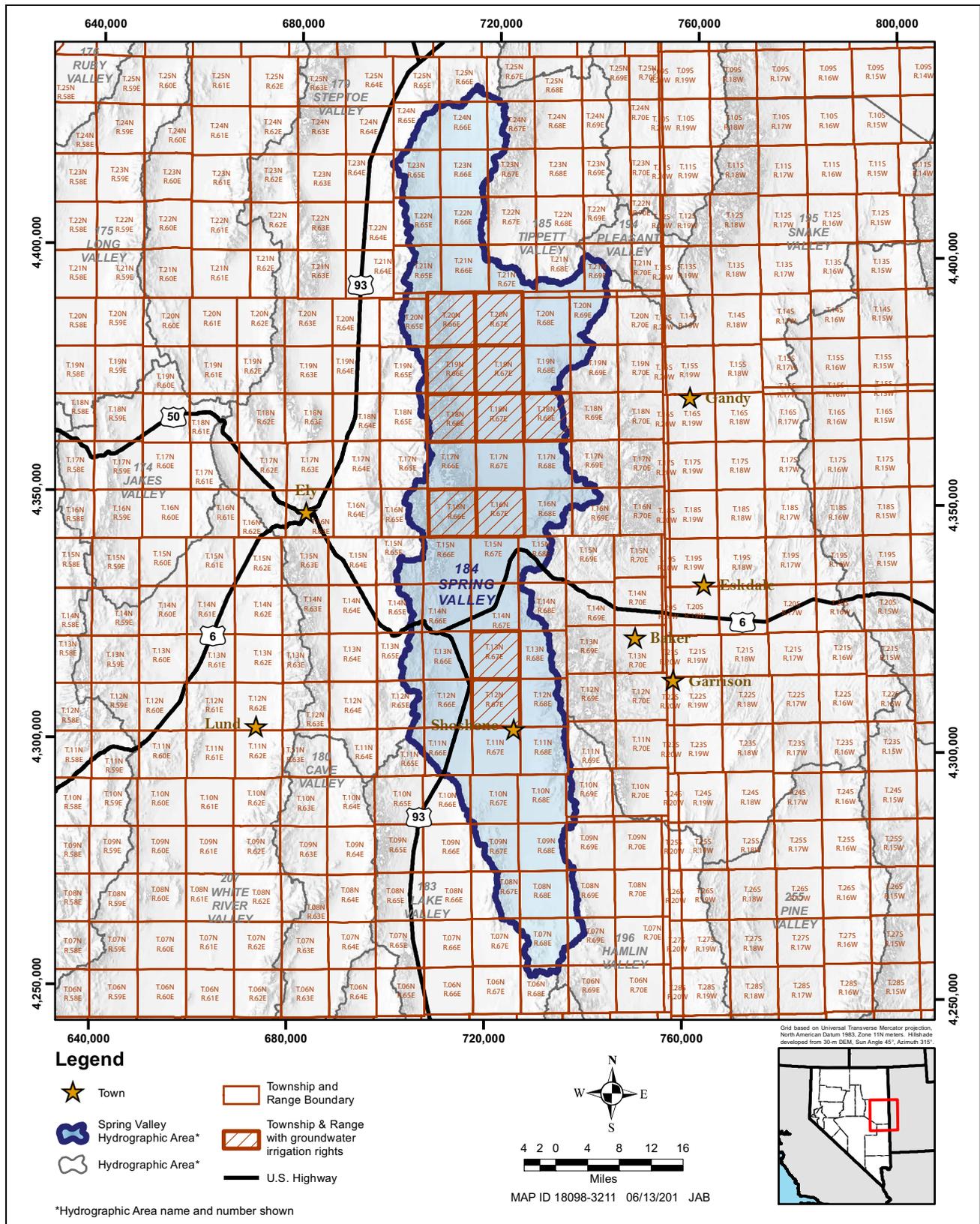
Township	Range	Meridian	Appendix
16 N	66 E	MDBM	<a href="#">47</a>
18 N	66 E	MDBM	<a href="#">48</a>
19 N	66 E	MDBM	<a href="#">49</a>
20 N	66 E	MDBM	<a href="#">50</a>
12 N	67 E	MDBM	<a href="#">51</a>
13 N	67 E	MDBM	<a href="#">52</a>
16 N	67 E	MDBM	<a href="#">47</a>
18 N	67 E	MDBM	<a href="#">48</a>
19 N	67 E	MDBM	<a href="#">49</a>
20 N	67 E	MDBM	<a href="#">50</a>
18 N	68 E	MDBM	<a href="#">53</a>

After initial review of the Certificated and Permitted Groundwater Irrigation Rights, it was decided that the best way to analyze this information was to divide those rights into two categories: Certificated and Permitted Water Rights. [Table 5-5](#) lists the 38 active underground irrigation rights within Spring Valley and the corresponding analysis category by which these rights will be evaluated.

### **5.3.1 Certificated Water Rights**

Twenty-four Certificated groundwater water rights were listed with a manner of use as irrigation within Spring Valley. The places of use for these Certificated rights are listed in the certificates per 40 acre subdivision (quarter-quarter). [Appendix 46, \*Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights \(Sorted\)\*](#), shows the places of use per quarter-quarter section for these rights. A Certificated groundwater right was not considered supplemental if the POU was not listed in the same 40 acre subdivision as any other groundwater right. There were numerous instances where the POU of two or more Certificated groundwater rights was listed within the same 40 acre subdivision. For these locations, a further analysis was completed which included a review of the PBU maps. A groundwater right or portion of that right would be considered supplemental to another groundwater right if the actual mapped POU was in the same location. The POU of the Certificated groundwater rights were mapped based on the PBU maps and are included in [Appendices 49, 51, 52, and 53](#).

# Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 5-4**  
**Township/Range of Groundwater Irrigation Rights within Spring Valley**

**Table 5-5  
Spring Valley Underground Irrigation Rights  
per Analysis Category**

Application No.	Status	Source	Analysis Category
18524	Cert.	U/G	Certificates
18525	Cert.	U/G	
19654	Cert.	U/G	
20817	Cert.	U/G	
22645	Cert.	U/G	
25439	Cert.	U/G	
25679	Cert.	U/G	
25680	Cert.	U/G	
26228	Cert.	U/G	
26229	Cert.	U/G	
26502	Cert.	U/G	
26546	Cert.	U/G	
26952	Cert.	U/G	
26953	Cert.	U/G	
27378	Cert.	U/G	
28653	Cert.	U/G	
29219	Cert.	U/G	
29220	Cert.	U/G	
29221	Cert.	U/G	
30319	Cert.	U/G	
38972	Cert.	U/G	
34727	Cert.	U/G	
45287	Cert.	U/G	
56050	Cert.	U/g	
39817	Permit	U/G	Permits
39818	Permit	U/G	
54204	Permit	U/G	
54205	Permit	U/G	
56049	Permit	U/G	
56051	Permit	U/G	
63532	Permit	U/G	
63533	Permit	U/G	
71525	Permit	U/G	
71526	Permit	U/G	
71603	Permit	U/G	
71840	Permit	U/G	
74274	Permit	U/G	
78107	Permit	U/G	

[Table 5-6](#) lists the 24 Certificated irrigation groundwater rights within Spring Valley. The table includes the application number, status, acres, acre-feet, supplemental analysis notes, non-supplemental quantity, and supplemental quantity of each groundwater right. [Table 5-7](#) shows a breakdown per individual subdivisions of Certificated Permit Nos. 20817, 26228, 26229, 26546, 26952, 26953, 34727, and 78107. This table was developed due to the numerous rights within the same general area. The table shows the acreage of non-supplemental rights (in red font) and shows the supplemental rights (in black font).

Based on the analysis of the POU of the Certificated groundwater irrigation rights in Spring Valley, it was determined that there were approximately 12,064.634 af of groundwater rights, with 7,864.502 non-supplemental and 4,200.132 supplemental. All of these rights have priority dates before October 17, 1989.

### **5.3.2 Permitted Water Rights**

Fourteen Permitted Groundwater Water Rights were listed with a manner of use as irrigation within Spring Valley. The places of use for these Permitted Rights are listed in the permits per 40 acre subdivision (quarter-quarter). [Appendix 46, Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights \(Sorted\)](#), shows the places of use per quarter-quarter section for these rights. The proposed POU (acres) of a Permitted Water Right can exceed the maximum Permitted irrigated acreage. This is because the water right owner may not know the specific locations where the irrigation will be applied. The actual acreage and location of cultivation is not quantified until the PBU for the Permitted Water Rights is prepared and filed with the NDWR.

A groundwater right or portion of that right would be considered supplemental to another groundwater right if the POU was in the same location. The POU of the Permitted Groundwater Rights were mapped based on the application maps and are included in [Appendices 47, 48, 49, 50, 51, and 52](#). Individual permit conditions were reviewed to determine if there were any permit conditions regarding supplemental or combined duty rights. Permit No. 78106 has a POU co-located with existing Certificated rights. Permit No. 78106 is a change application with its original base right being Permit No. 45648. The 270 acre POU of the base right Permit No. 45648 was used to determine the supplemental quantity of Permit No. 78106. [Table 5-7](#) shows the acreage of non-supplemental rights (in red font) and the supplemental rights (in black font) of Permit No. 45648.

[Table 5-8](#) lists the 14 Permitted Groundwater Rights within Spring Valley. The table includes application number, status, acres, acre-feet, supplemental analysis notes, non-supplemental quantity, and supplemental quantity of each groundwater right. Based on the analysis of the POU of the Permitted Groundwater Rights in Spring Valley, it was determined that there were approximately 11,907.971 af of groundwater rights, which could potentially be non-supplemental. Four of these rights (Permit Nos. 54204, 54205, 63532, and 63533) have priority dates after October 17, 1989. Therefore, 8,649.671 af of Permitted Groundwater Rights have a priority date prior to October 17, 1989 and the remaining 3,258.30 af have a priority date after October 17, 1989.

**Table 5-6  
Certificated Groundwater Rights with Manner of Use as Irrigation**

App	Status	POU (acre)	POU (af)	Supplemental Analysis	Appendix No. of Mapped Water Rights	Duty afa	Non-Supplemental		Supplemental	
							(acre)	(af)	(acre)	(af)
18524	Cert.	5.289	21.156	Same qrt qrt POU as 30319; analysis shows non supplemental POU	51	4.0	5.289	21.156	0	0
18525	Cert.	14.462	57.848	Same qrt qrt POU as 30319. 14.462 acres of 30319 would be considered supplemental to 18525	51	4.0	14.462	57.848	0	0
19654	Cert.	143.958	575.832	No other groundwater rights within qrt qrt POU	52	4.0	143.958	575.832	0	0
20817	Cert.	160.00	640.00	See Table 5-7	52	4.0	160.00	640.00	0	0
22645	Cert.	15.00	60.00	Same qrt qrt POU as 45287. 13.77 acres (55.08 AF) of 45287 would be considered supplemental to 22645	51	4.0	15.00	60.000	0	0
25439	Cert.	60.00	240.00	No other groundwater rights within qrt qrt POU	52	4.0	60.00	240.00	0	0
25679	Cert.	157.56	630.24	POU within POU of 25680. 157.56 acres of 25680 would be considered supplemental to 25679. Portion of POU also within POU of 30319. Approximately 76.4 acres of 30319 would be considered supplemental to 25679	51	4.0	157.56	630.24	0	0
25680	Cert.	157.56	630.24	POU of 25680 is same POU as 25679. 157.56 acres (630.24 AF) of 25680 would be considered supplemental to 25679. Portion of POU also within POU of 30319. Approximately 76.4 acres of 30319 would be considered supplemental to 25679 and 25680	51	4.0	0	0	157.56	630.24
26228	Cert.	59.75	239.00	See Table 5-7	52	4.0	59.75	239.00	0	0
26229	Cert.	39.42	157.68	See Table 5-7	52	4.0	39.42	157.68	0	0
26502	Cert.	18.37	73.48	No other groundwater rights within qrt qrt POU	52	4.0	18.37	73.48	0	0
26546	Cert.	39.42	157.68	See Table 5-7	52	4.0	0	0	39.42	157.68
26952	Cert.	59.75	239.00	See Table 5-7	52	4.0	0	0	59.75	239.00
26953	Cert.	59.75	239.00	See Table 5-7	52	4.0	0	0	59.75	239.00
27378	Cert.	332.29	1,266.64	No other groundwater rights within qrt qrt POU	49	3.81 <sup>a</sup>	332.29	1,266.64	0	0
28653	Cert.	0.30	1.20	No other groundwater rights within qrt qrt POU	52	4.0	.30	1.20	0	0
29219	Cert.	390.28	1,561.12	29219, 29220 and 29221 share the same POU. 29220 and 29221 would be considered supplemental to 29219	52	4.0	390.28	1,561.12		
29220	Cert.	390.28	1,367.97	Supplemental to 29219	52	3.51	0	0	390.28	1,367.97
29221	Cert.	390.28	1,049.76	Supplemental to 29219 and 29220	52	2.69	0	0	390.28	1,049.76
30319	Cert.	211.70	730.72	14.462 acres considered supplemental to 18525. 76.4 acres considered supplemental to 25679 and 25680. (90.862 acres total supplemental, 120.838 acres non supplemental) Duty of 30319 is 3.452 afa.	51	3.452 <sup>a</sup>	120.838	417.09	90.862	313.63
38972	Cert.	192.12	768.48	No other groundwater rights within qrt qrt POU	52	4.0	192.12	768.48	0	0
34727	Cert.	201.197	804.788	See Table 5-7	52	4.0	164.254	657.016	36.943	147.772
45287	Cert.	78.20	312.80	13.77 acres within POU of 18525 and would be considered supplemental. Duty is 4.0 afa.	51	4.0	64.43	257.72	13.77	55.08
56050	Cert.	60.00	240.00	No other groundwater rights within qrt qrt POU	53	4.0	60.00	240.00	0.00	0.00
<b>Totals</b>		<b>3,236.936</b>	<b>12,064.634</b>	---	---	---	<b>1,998.321</b>	<b>7,864.502</b>	<b>1,238.615</b>	<b>4,200.132</b>

<sup>a</sup>Duty calculated from acre-feet/irrigated acres.

**Table 5-7  
Analysis by Subdivision of Selected Permits**

			Permit No.	20817	26228	26229	26546	26952	26953	34727	78107 <sup>a</sup> Total	78107 Non-Supp.	78107 Supp.	
			Cert. No.	6777	8363	8364	8365	8366	8367	11889	Permit	Permit	Permit	
¼	¼ ¼	SEC	TWN (N)	RGE (E)										
NW	SW	15	13	67							40.00	40.00	0.00	
SW	SW	15	13	67			22.73			21.488	22.00	14.481	7.519	
SE	SW	15	13	67			16.69			15.455	22.00	22.00	0.00	
NE	SW	16	13	67							40.00	40.00	0.00	
SE	SW	16	13	67							22.00	22.00	0.00	
NW	SE	16	13	67		12.40		12.40	12.40		40.00	27.60	12.40	
NE	SE	16	13	67		39.83		39.83	39.83		40.00	0.17	39.83	
SW	SE	16	13	67		1.24		1.24	1.24		22.00	22.00		
SE	SE	16	13	67		6.28		6.28	6.28		22.00	22.00		
SE	NW	21	13	67										
NE	NW	21	13	67										
NE	NE	21	13	67	40.00									
NW	NE	21	13	67	40.00									
SE	NE	21	13	67	40.00									
NE	SE	21	13	67	40.00									
SW	NE	21	13	67										
NW	SW	22	13	67										
NE	SW	22	13	67										
SW	SW	22	13	67										
SE	SW	22	13	67										
NW	NW	22	13	67						41.901				
NE	NW	22	13	67						41.355				
SW	NW	22	13	67						41.942				
SE	NW	22	13	67						36.802				
NW	SE	22	13	67										
NE	SE	22	13	67										
SW	SE	22	13	67										
SE	SE	22	13	67										
NW	NE	22	13	67						0.650				
SW	NE	22	13	67						1.604				
SE	NE	22	13	67										
<b>TOTAL ACRES</b>					160.00	59.75	39.42	39.42	59.75	59.75	201.197		210.251	59.749
<b>ACRE-FEET/ACRE</b>					4.00	4.00	4.00	4.00	4.00	4.00	4.00		4.0	4.0
<b>TOTAL DUTY (af)</b>					640.00	239.00	157.68	157.68	239.00	239.00	804.788		841.004	238.996
<b>Non-Supplemental (af)</b>					640.00	239.00	157.68	0.0	0.0	0	657.016		841.004	0.00
<b>Supplemental (af)</b>					0.0	0.0	0.0	157.68	239.00	239.00	147.772		0.00	238.996
													<b>Total</b>	<b>2,534.70</b>
														<b>1,022.448</b>

<sup>a</sup>Place of use for 270 acres of base right 45648 to Permit 78107 was used for determination of supplemental water rights.

Red Font = Non-Supplemental

Black Font = Supplemental

**Table 5-8  
Permitted Groundwater Rights with Manner of Use as Irrigation**

Application	Status	Acre	Acre-Feet	Comments	Appendix No. of Mapped Water Rights	Non-Supp.	Supp.
39817	Permit	300.00	1,200.00	Duty = 4.0 afa. No other groundwater rights within POU of 39871	48	1,200.00	0.00
39818	Permit	860.00	3,440.00	Duty = 4.0 afa. No other groundwater rights within POU of 39818	48	3,440.00	0.00
54204	Permit	694.10	2,082.30	Combined duty terms in permits 54204 and 54205 694.10 acres/2,082.3 af. Duty = 3.0 afa. <b>54204 and 54205 both have priority dates after Oct 17, 1989</b>	align="center">47	align="right">2,082.30	align="right">0.00
54205	Permit						
56049	Permit	180.00	720.00	Duty = 4.0 afa. No other groundwater rights within POU of 56049	49	720.00	0.00
56051	Permit	60.00	240.00	Duty = 4.0 afa. No other groundwater rights within POU of 56051	48	240.00	0.00
63532	Permit	392.00	1,176.00	63532 and 63533 have total combined permit terms of not to exceed 1,176 af. Duty = 3.0 afa. <b>63532 and 63533 both have Priority dates after Oct 17, 1989.</b>	align="center">51	align="right">1,176.00	align="right">0.00
63533	Permit						
71525	Permit	272.167	1088.667	71525, 71526, 71603, and 74274 have combined duty terms of not to exceed 1,088.667 af. Duty = 4.0 afa. 71525 and 71603 have Priority Dates after October 17, 1989. The 1088.667 af combined duty term is based on Permits 71526 and 74274 which has a priority date prior to October 17, 1989	align="center">51	align="right">1088.667	align="right">0.00
71526	Permit						
71603	Permit						
74274	Permit						
71840	Permit	280.00	1,120.00	Duty = 4.0 afa. No other groundwater rights within POU of 71840	50	1,120.00	0.00
78107	Permit	270.00	1080.00	See <a href="#">Table 5-7</a>	52	841.004	238.996
Pre Oct 17, 1989 Priority Date	Sub-total	2,222.167	8,888.667			8,649.671	238.996
<b>Post Oct 17, 1989 Priority Date</b>	<b>Sub-total</b>	<b>1,086.10</b>	<b>3,258.30</b>			<b>3,258.30</b>	<b>0.00</b>
	<b>Total</b>	<b>3,308.267</b>	<b>12,146.967</b>			<b>11,907.971</b>	<b>238.996</b>

**5.3.3 Groundwater Supplemental Analysis Summary**

Table 5-9 lists the total non-supplemental irrigation groundwater rights, per individual duty based on the analysis completed in the preceding sections, and identified which have a priority date before October 17, 1989 and which have a priority date after October 17, 1989.

**5.4 Evaluation of NDWR Hydrographic Area Summary**

The NDWR Hydrographic Area Summary, Appendix 35 listed supplementally adjusted groundwater rights for irrigation-DLE, irrigation, mining and milling, municipal/quasi-municipal, stockwater, and wildlife in the amount of 21,740.91 af. Table 5-10 summarizes the volume of existing groundwater rights, supplementally adjusted for Spring Valley, and identified which rights have a priority date before October 17, 1989 and which rights have a priority date after October 17, 1989. This

**Table 5-9  
Non-Supplemental Groundwater Irrigation Rights in Spring Valley**

	Application (afa)	Total (acre)	Total (af)	With Priority Date After October 17, 1989		With Priority date Prior to October 17, 1989	
				(acre)	(af)	(acre)	(af)
Certificate (Section 5.3.1)	Duty @3.452	120.838	417.09	0.00	0.00	120.838	417.09
	Duty @3.81	332.29	1,266.64	0.00	0.00	332.29	1,266.64
	Duty @4.0	1,545.193	6,180.772	0.00	0.00	1,545.193	6,180.772
Permits (Section 5.3.2)	Duty @3.0	1,086.10	3,258.30	1,086.10	3,258.30	0.00	0.00
	Duty @4.0	2,162.418	8,649.671	0.00	0.00	2,162.418	8,649.671
	<b>Total</b>	<b>5,246.839</b>	<b>19,772.473</b>	<b>1,086.10</b>	<b>3,258.30</b>	<b>4,160.739</b>	<b>16,514.173</b>

**Table 5-10  
Spring Valley Existing Groundwater Rights, Supplementally Adjusted**

Manner of Use	NDWR Hydrographic Summary (af)	Current Analysis Total (af)	Current Analysis with Priority Date After October 17, 1989 (af)	Current Analysis with Priority Date Before October 17, 1989 (af)
Irrigation - DLE	836.98	19,772.473	3,258.30	16,514.173
Irrigation	19,002.67			
Mining and Milling	1,360.70	1,360.70	302.44	1,058.26
Municipal/Quasi-Municipal	78.64	78.64	6.24	72.4
Stockwater	403.92	403.92	2.26	401.66
Wildlife	57.99	57.99	37.98	20.01
<b>Total</b>	<b>21,740.91<sup>a</sup></b>	<b>21,673.723</b>	<b>3,607.22</b>	<b>18,066.503</b>

<sup>a</sup>Addition of these numbers equates to 21,740.90, however, NDWR Hydrographic Area Summary, Appendix 35, states 21,740.91. The value of 21,740.91 will be used.

information is based on the NDWR Hydrographic Area Summary and the analysis completed in Sections 5.2 and 5.3 of this report. The NDWR Hydrographic Summary listed a total of 19,839.65 af of irrigation rights (Irrigation and DLE) and the current analysis listed 19,772.473. Based on discussion with NDWR staff, the difference of 67.177 af can be primarily contributed to the supplemental analyses of Permit Nos.18525, 25679, 25680 and 30319 (1,172.36 af per NDWR and 1,105.988 per this analysis).

### 5.5 Supplemental Analysis Groundwater versus Surface Water

A portion of the groundwater irrigation rights could be considered supplemental to existing surface water irrigation rights within Spring Valley if they are appurtenant to the same POU as the surface water rights. Surface water priority dates are prior to groundwater priority dates in almost all

locations. For this analysis, groundwater is treated as being supplemental to surface water if its POU is in the same location. [Figure 5-4](#) (previously presented in [Section 5.3](#)) showed the locations (Township/Range) where groundwater irrigation rights are located. [Appendix 54, \*Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Surface Water Rights \(Un-Sorted\)\*](#), lists the POU of each Permitted, Certificated, Decreed, and Vested Claim surface water rights within Spring Valley. [Figure 5-5](#) shows the Township/Ranges where surface water irrigation places of use are listed.

All Township/Ranges within Spring Valley that have groundwater irrigation places of use also have surface water places of use. [Figure 5-6](#) shows the Township/Ranges where both surface water and groundwater irrigation places of use are listed.

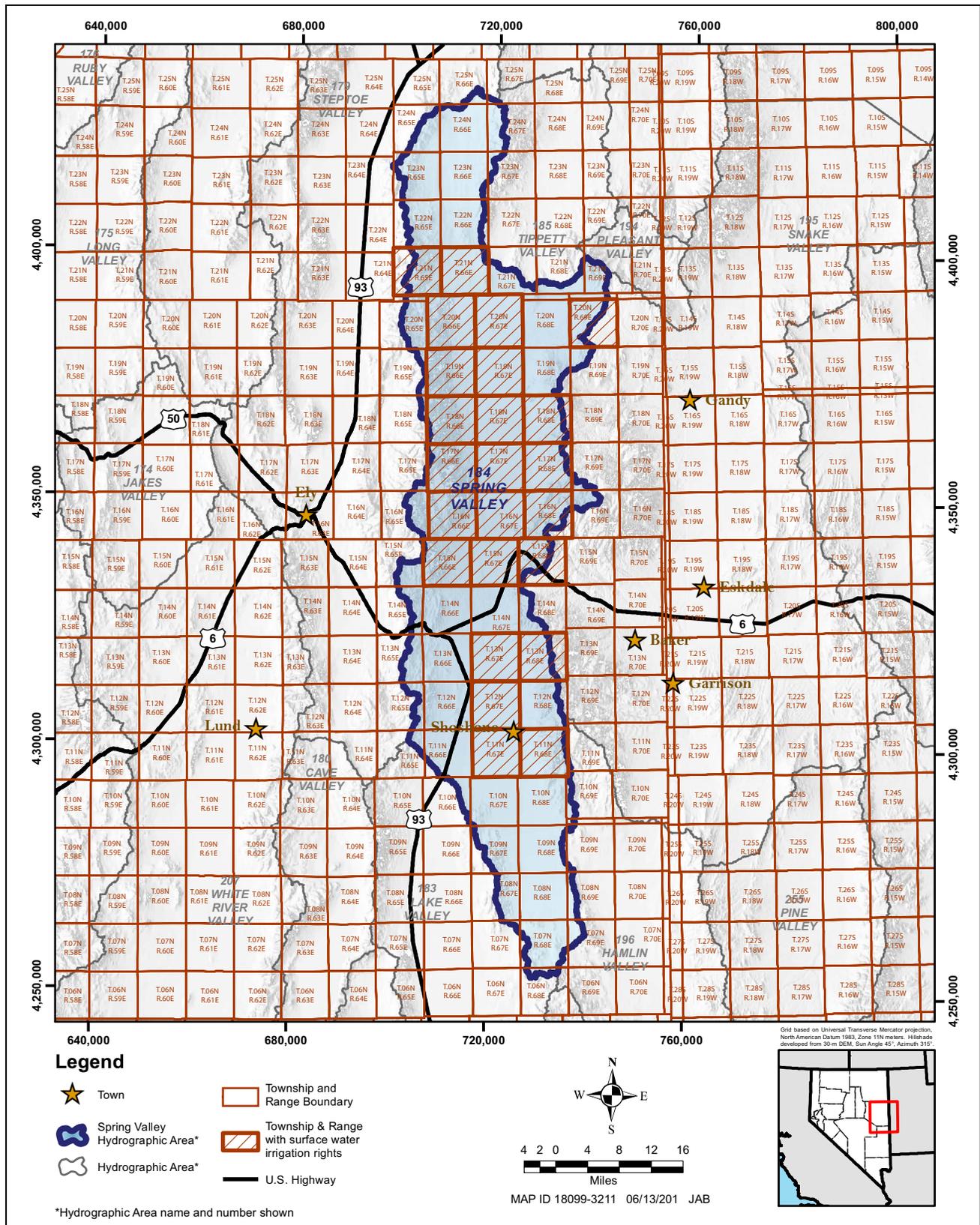
[Appendix 45, \*Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights \(Un-sorted\)\*](#), and [Appendix 54, \*Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Surface Water Rights \(Un-Sorted\)\*](#), were combined and sorted by range, township, section, quarter, and quarter-quarter. [Appendix 55, \*Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Groundwater and Surface Water Irrigation\*](#), is the combined list. Locations where groundwater could potentially be supplemental to surface water were highlighted for further review. [Appendix 56, \*Spring Valley: Groundwater to Surface Water Supplemental Analysis\*](#), is an abbreviated spreadsheet listing only those water rights highlighted in [Appendix 55](#).

Surface water rights in township ranges where both surface water and groundwater are located were mapped. Additionally, the groundwater maps (previously discussed in [Section 5.3](#)) and surface water maps were compiled into a single map per township range which shows the locations of the surface water irrigation rights, groundwater irrigation rights, and areas groundwater rights may be supplemental to surface water rights. [Table 5-11](#) lists the Townships and Ranges where surface water irrigation rights are located, as well as the Appendix where the groundwater maps, surface water maps, and the compiled groundwater/surface water maps are located.

Groundwater irrigation rights are considered supplemental to surface water irrigation rights if both the groundwater and surface water rights have the same POU. [Appendix 56, \*Spring Valley: Groundwater to Surface Water Supplemental Analysis\*](#) lists the specific 40 acre subdivision where groundwater could be supplemental to surface water. A groundwater right was not considered supplemental to a surface water right if the POU was not listed in the same 40 acre subdivision as any other surface water right. As shown in [Appendix 56](#), there were numerous instances where the POU of groundwater rights was listed within the same 40 acre subdivision as surface water rights. For these locations, a further analysis was completed which included a review of the application maps, PBU maps, and permit conditions. A groundwater right or portion of that right would be considered supplemental to a surface water right if the actual POU was mapped in the same location.

The following bullets include some of the assumptions used in the supplemental analysis of groundwater to surface water irrigation rights within Spring Valley.

# Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 5-5**  
**Township/Range of Surface Water Irrigation Rights (Spring Valley)**

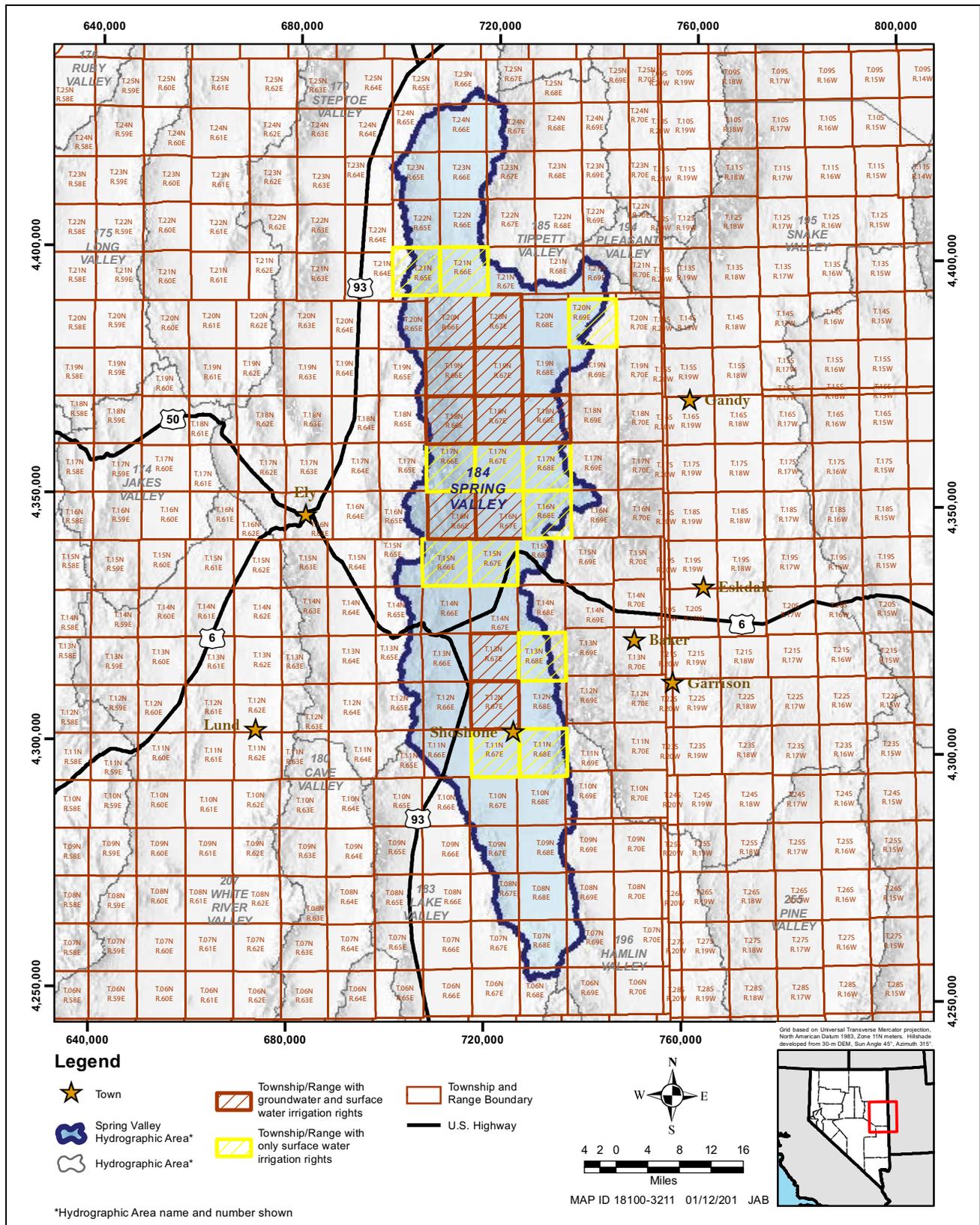
**Table 5-11  
Township/Range of Surface Water Irrigation Rights within Spring Valley**

Township	Range	Meridian	GW only Maps Appendix No.	SW only Maps Appendix No.	SW and GW Maps Appendix No.
16 N	66 E	MDBM	47	57	64
18 N	66 E	MDBM	48	58	65
19 N	66 E	MDBM	49	59	66
20 N	66 E	MDBM	50	60	67
12 N	67 E	MDBM	51	61	68
13 N	67 E	MDBM	52	62	69
16 N	67 E	MDBM	47	57	64
18 N	67 E	MDBM	48	58	65
19 N	67 E	MDBM	49	59	66
20 N	67 E	MDBM	50	60	67
18 N	68 E	MDBM	53	63	70

- Maps associated with older applications are sometimes in poor condition or are not available through NDWR. These locations were noted on the water right maps produced for this report.
- The POU (acres) of a Permitted Water Right can exceed the maximum acreage of the irrigation permit.
- The actual acreage and location of cultivation is not quantified until the PBU for the Permitted Water Rights is prepared and filed with the NDWR. To be conservative, it was assumed, unless otherwise stated in the permit terms, that the owner of the water rights would place the maximum amount to non-supplemental use.
- For this supplemental analysis, vested claims were considered valid water rights. Although not adjudicated, the amount and location of cultivation was assumed to be accurate and was used without additional evaluation.
- Permit conditions were reviewed to determine if any statements regarding supplemental nature of water rights were stated.
- Surface water rights with a source listed as “Flood Waters” were not included in this analysis. Flood waters are only available during significant rain events and groundwater irrigation rights with the same POU would probably need to be used almost every irrigation season.
- All groundwater with the same POU as surface water would be considered supplemental to surface water and not the surface water supplemental to groundwater. Groundwater priority dates are junior to surface water priority dates for the vast majority of irrigation rights.

Additionally, the following process was used to determine if groundwater rights could be considered supplemental to surface water rights.

# Committed Groundwater Resources in Cave, Dry Lake, Delamar, and Spring Valleys



**Figure 5-6**  
**Township/Range of Surface Water and Groundwater Irrigation Rights (Spring Valley)**

- If POU of groundwater was not within the same 40 acre subdivision as surface water, then groundwater is not supplemental to surface water.
- If POU of groundwater was within the same 40 acre subdivision as surface water and entire 40 acres had surface water rights, then groundwater would be supplemental to surface water.
- If 40 acres of groundwater rights were located in a 40 acre subdivision and there were surface water rights within the same subdivision, then the groundwater rights equivalent to the number of acres of surface water would be considered supplemental.
- Permit and certificate conditions were reviewed for supplemental rights terms.
- POU was mapped per PBU maps and these were used to determine POU if determination could not be made by review of spreadsheet.

Appendix 56, *Spring Valley: Groundwater to Surface Water Supplemental Analysis*, shows the results of the supplemental analysis. The rationale for the determination of each supplemental groundwater right to surface water right is included within the notes in Appendix 56. Review of the groundwater rights show that Permit Nos. 54204 and 54205 are supplemental to surface water and have priority dates after October 17, 1989. All other groundwater irrigation rights determined to be supplemental to surface water rights have priority dates prior to October 17, 1989.

Table 5-12 lists the individual groundwater rights which were determined, based on review of Appendix 56, to be supplemental to surface water.

**Table 5-12  
Summary of Groundwater to Surface Water Supplemental Analysis**

Permit No.	Status	Supplemental Acres	Duty (afa)	Supplemental (af)
54204/54205	Permit	694.10	3.0	2,082.30
39818	Cert.	540.00	4.0	2,160.00
27378	Cert.	329.34	3.81	1,254.78
71840	Permit	28.90	4.0	115.60
71525/71526/71603/74274	Permit	376.04	4.0	1,504.16
25679/25680	Cert.	76.05	4.0	304.20
25679/25680/30319	Cert.	81.51	4.0	326.04
20817/26228/26229/26546/ 26952/26953/34727/78107	Cert/Permit	303.543	4.0	1,214.17
38972	Cert.	189.71	4.0	758.84
56050	Cert.	57.59	4.0	230.36
<b>Total</b>	---	2,676.783	---	<b>9,950.45</b>

Table 5-13 shows the quantity of groundwater rights considered supplemental to surface water rights within Spring Valley. These rights are divided into supplemental groundwater to surface water rights with pre October 17, 1989 priority dates (7,868.15 af), post October 17, 1989 priority dates (2,082.3 af), and the total (9,950.45 af).

**Table 5-13  
Spring Valley Analysis of Supplemental Groundwater to Surface Water Rights**

Total Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights			Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights with Priority dates after to October 17, 1989			Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights with Priority dates prior to October 17, 1989		
Acre	Duty	(af)	Acre	Duty	(af)	Acre	Duty	(af)
694.10	3.0	2,082.30	694.10	3.0	2,082.30	0.0	3.0	0.0
329.34	3.81	1,254.78	0	3.81	0	329.34	3.81	1,254.78
1,653.343	4.0	6,613.37	0	4.0	0	1,653.343	4.0	6,613.37
<b>Total</b>		9,950.45	694.10		2,082.30	1,982.683		7,868.15

**5.6 Adjusted Duty for Supplemental Groundwater Rights in Spring Valley**

Groundwater irrigation rights, which are supplemental to surface water as identified in Section 5.5 are not normally used to their full Permitted or Certificated maximum every year. Surface water is generally preferred because groundwater has additional costs associated with pumping water from groundwater wells. Additionally, permit conditions can require surface water to be used prior to groundwater. An example of this would be the following statement in Permit Nos. 54204 and 54205: “All surface water within the described POU must be used for irrigation prior to the use of the groundwater...” In order to quantify the actual amount of groundwater rights used to supplement surface water rights per irrigation season, the following information would be required:

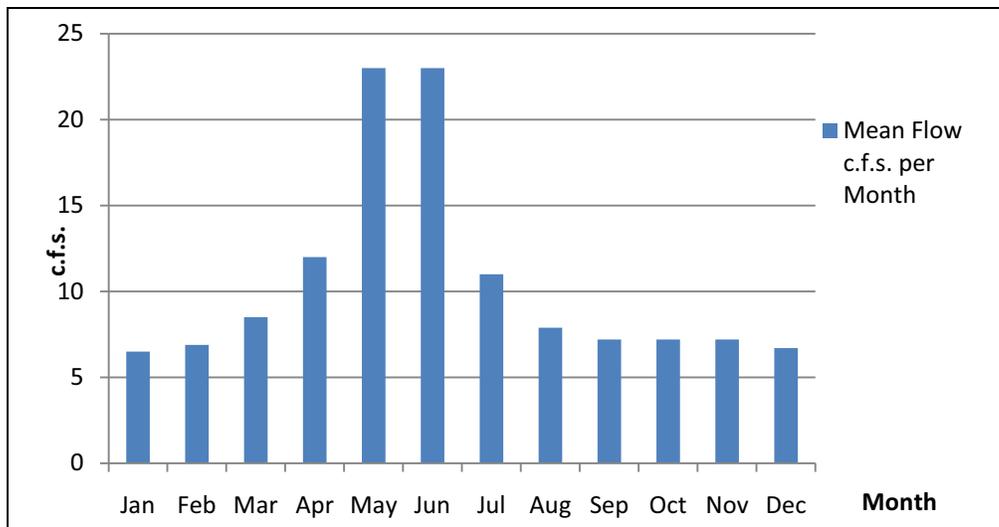
- Locations of irrigation where groundwater rights are supplemental to surface water.
- Groundwater Pumpage Records over extended time period.
- Stream Hydrographs over extended time period.

Information is currently not available regarding the actual amount of supplemental groundwater rights pumped on a well-by-well basis within Spring Valley. Therefore, a determination of the actual amount of supplemental water rights used per season could not be completed. Instead, two approaches as shown in Sections 5.6.1 and 5.6.2 were used to estimate the average percentage of groundwater rights supplemental to surface water rights that would be expected to be used per irrigation season within Spring Valley. A worst case scenario (drought year) was not deemed appropriate to be used for this analysis. The average was selected to be used because this would more accurately reflect long-term average withdrawals from the groundwater system.

### 5.6.1 Spring Valley Hydrograph Analysis

Cleve Creek is located on the eastern facing slopes of Spring Valley and it is influenced by spring snow pack runoff, and supplies numerous surface water rights. The U.S. Geological Survey (USGS) stream gage information at Cleve Creek is included as [Appendix 71, USGS Surface-Water Monthly Statistics - USGS 10243700 CLEVE CK NR ELY, NV](#). The stream gage information lists the mean monthly discharge and is based on 44 years of data (1914 through 1916 and 41 years between 1959 and 2010). The average mean flow of Cleve Creek peaks during the months of May and June. The peak flow is 23.0 c.f.s. The average mean flow during July through October is 8.3 c.f.s, approximately 36.5 percent of the peak flow.

Figure 5-7 is a bar graph based on the USGS data showing the mean monthly flow (c.f.s.) of Cleve Creek.



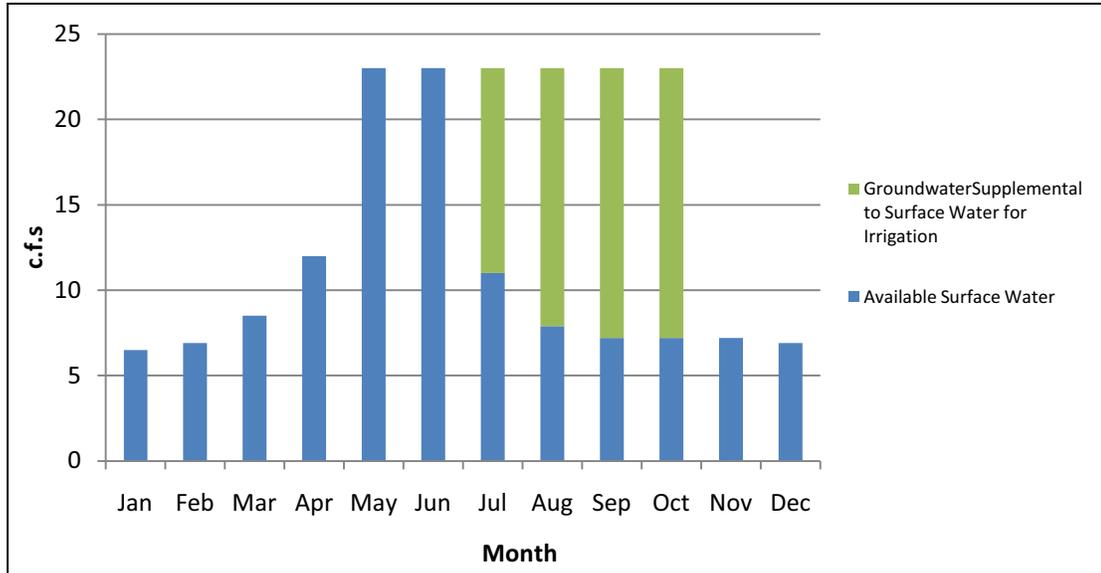
**Figure 5-7**  
**Mean Flow per Month - Cleve Creek**

An estimate of the average use of groundwater rights supplemental to surface water rights was completed using the following assumptions:

- Surface water source is fully appropriated but not over appropriated.
- Surface water will be used prior to groundwater.
- April 1 to October 31 irrigation season (7-month).
- Full irrigation season used per year.
- Only surface water will be used during April, May, and June.
- July, August, September, and October will use a combination of surface water and groundwater.

- Runoff hydrographs are of roughly similar shape and distribution for all creeks in Spring Valley.

Figure 5-8 shows the Hydrograph for Cleve Creek with the proportion of groundwater required to supplement surface water during the months of July, August, September, and October.



**Figure 5-8**  
**Cleve Creek Hydrograph with Supplemental Groundwater**

Table 5-14 is based on the Cleve Creek hydrograph data. This table shows the percentage of surface water and groundwater that is expected to be used per month during an average irrigation season. Based on this analysis, it is estimated that 39.1 percent of total groundwater rights supplemental to surface water rights would be used during an average irrigation season.

**Table 5-14**  
**Surface Water and Groundwater Percentage Used during an Average Year**

Month	Total Supplied by Surface Water and Groundwater (c.f.s.)	Monthly Contribution to Total Irrigation Season (%)	Supplied by Surface Water (c.f.s.)	Supplied by Groundwater (c.f.s.)	Percent Delivered by Groundwater
April	12.0	8.00	12.0	0	0.0
May	23.0	15.33	23.0	0	0.0
June	23.0	15.33	23.0	0	0.0
July	23.0	15.33	11.0	12.0	52.17
August	23.0	15.33	7.9	15.1	65.65
September	23.0	15.33	7.2	15.8	68.70
October	23.0	15.33	7.2	15.8	68.70
Percent used per average irrigation season <sup>a</sup>					39.1

<sup>a</sup>Summation of: (Monthly Contribution to Total Irrigation Season) × (% delivered by groundwater per month)

### **5.6.2 Comparison of Cleve Creek to Daggett Creek**

An alternative approach was also completed to estimate the quantity of supplemental groundwater to surface water which is expected to be used per irrigation season. This alternative approach involved: (1) identifying a stream system outside of Spring Valley which had the required parameters and data available, (2) determining the average and peak groundwater usage, and then (3) normalizing that data for application to the Spring Valley area.

Daggett Creek, located in Carson Valley, was selected to use as a comparison to Cleve Creek. This selection was based on discussions with NDWR staff and review of available data. Daggett Creek was chosen for this comparison for several reasons: (1) Daggett Creek surface and groundwater use is metered and documented, (2) surface water is directly related to snow pack runoff, and (3) groundwater rights are fully supplemental to surface water.

- Surface water source is fully appropriated but not over appropriated.
- Surface water will be used prior to groundwater.
- April 1 to October 31 irrigation season (7-month).
- Full irrigation season used per year.
- Only surface water will be used during April, May, and June.
- July, August, September, and October will use a combination of surface water and groundwater.
- Runoff Hydrographs are of roughly similar shape and distribution for all creeks in Spring Valley.

NDWR staff has quantified the amount of groundwater rights supplemental to surface water rights that were used on an annual basis in portion of Carson Valley between 1996 and 2005. This analysis showed that the total duty of supplemental groundwater rights used on a percentage basis ranged from a low of 9.3 percent to a high of 26.7 percent, with an average of 18.0 percent. This data is presented in [Appendix 72, Supplemental Data](#).

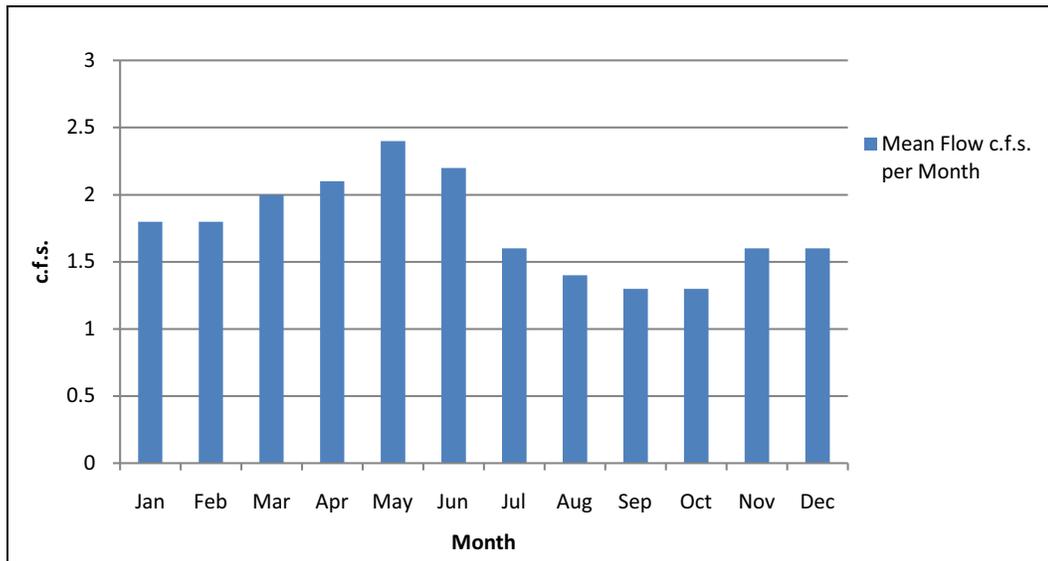
Daggett Creek is not a direct representation of Spring Valley streams because there is a difference in the timing of runoffs. A correlation was made between the available data on Daggett Creek (Carson River Tributary) and Cleve Creek (Spring Valley). This correlation was based on the following assumptions:

- Seven month growing season (April to October).
- Full irrigation season used.

- No supplemental groundwater used prior to July (i.e., 3 month surface water only, 4 months supplemented by groundwater).
- The surface water source is fully appropriated, but not over appropriated.
- Runoff hydrographs are of roughly similar shape and distribution for all creeks in Spring Valley.

The USGS stream gage information at Daggett Creek is included as [Appendix 73, USGS Surface-Water Monthly Statistics - USGS 10310400 DAGGETT CK NR GENOA, NV](#). The monthly mean flow values are based on 40 years of data between 1966 and 2009. The average mean flow of Daggett Creek peaks during the month of May at 2.4 c.f.s. The average mean flow during July through October is 1.4 c.f.s.

Figure 5-9 is a bar graph based on the USGS data showing the mean monthly flows (c.f.s) of Daggett Creek.



**Figure 5-9**  
**Mean Flow per Month - Daggett Creek**

Based on a review of the runoff hydrographs, the average flows for July to October in Daggett Creek (1.4 c.f.s.) were 58.3 percent of the peak flow (2.4 c.f.s.) and the average flows in Cleve Creek (8.3 c.f.s.) were 36.5 percent of the peak flow (23 c.f.s.) This would result in less surface water (on a percentage basis) being available post-peak flow in Cleve Creek than Daggett Creek. This, in turn, results in more groundwater being needed to supplement Cleve Creek surface water rights than Daggett Creek surface water rights.

58.3 percent of post peak water at Daggett Creek would be supplied by surface water and the shortage of 41.7 percent would need to be supplied by groundwater. 36.5 percent of post peak water at Cleve Creek would be supplied by surface water and the shortage of 63.5 percent would need to be supplied by groundwater.

As stated previously, based on usage reported to NDWR, an average of 18.0 percent of supplemental groundwater to Daggett Creek surface water was used per irrigation season. Based on this information, a corresponding proportional amount of supplemental groundwater to Cleve Creek surface water can be estimated. The average percent supplemental groundwater that would be required for an entire irrigation season (Daggett Creek) divided by the percent of groundwater that would be required post peak flow (Daggett Creek) was equated proportionally to the average percent supplemental groundwater that would be required for an entire irrigation season (Cleve Creek) divided by the percent of supplemental groundwater that would be required post peak flow (Cleve Creek).

Equation 5-1 solves for the average groundwater supplemental to Cleve Creek surface water that would be expected to be used in an average year. The average amount of groundwater rights supplemental to Cleve Creek surface water that would be expected to be used was estimated to equal 27.4 percent.

$$\frac{18\% \text{ (Avg. sup. GW used Daggett Creek)}}{41.7\% \text{ (Avg. sup. GW required post peak flow Daggett Creek)}} = \frac{X\% \text{ (Avg. sup. GW needed Cleve Creek)}}{63.5\% \text{ (Avg. sup. GW required post peak flow Cleve Creek)}} \geq X = 27.4\% \quad (\text{Eq. 5-1})$$

### 5.6.3 *Adjusted Duty Application to Spring Valley Supplemental Groundwater Rights*

It is reasonable and conservative to assume that the effective duty of a supplemental groundwater right is the average amount of the right required to supplement the surface water sources during an irrigation season. Information is not currently available regarding the actual amount of supplemental groundwater rights used on a well-by-well basis within Spring Valley. Based on the preceding analysis, the average amount of supplemental groundwater expected to be used in any given irrigation season was estimated to be 39.1 percent of the total rights using the Cleve Creek Hydrograph approach and 27.4 percent using the Daggett Creek comparison approach. For this analysis, the more conservative value of 39.1 percent will be used as the estimate of the total groundwater rights supplemental to surface water irrigation rights that would be expected to be used in an average irrigation season. This is a conservative approach because it results in a larger amount of water estimated to be used, thereby increasing the estimated amount of committed groundwater rights.

Section 5.5 identified 9,950.45 af of total groundwater rights supplemental to surface water rights, of which approximately 5,120.57 af are currently owned by SNWA. Table 5-15 shows that of the total 9,950.45 af, it would be expected that only 39.1 percent of those rights, or a maximum of 3,890.63 af would be used in an irrigation season. These rights are further divided into those with pre-October 17, 1989 priority dates (3,076.4 af) and those with post-October 17, 1989 dates (814.18 af).

**Table 5-15**  
**Spring Valley Adjusted Duty for Supplemental Groundwater to Surface Water Rights**

	Total Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights (af)	Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights with Priority Date after October 17, 1989 (af)	Supplemental Groundwater Irrigation Rights to Surface Water Irrigation Rights with Priority Date prior to October 17, 1989 (af)
Total Supplemental	9,950.45	2,082.3	7,868.15
39.1% of Total Supplemental	3,890.63	814.18	3,076.45

**5.7 Estimated Crop Consumptive Use for Spring Valley**

Consumptive use of a crop can be defined as that portion of the annual volume of water diverted under a water right that is transpired by growing vegetation, evaporated from soils, converted to non-recoverable water vapor, incorporated into product, or otherwise does not return to the water of the state. The consumptive use of a crop is equal to the crop ET less the precipitation amount that is effective for ET by the crop, that is, the amount of water that is consumed in the growing of the crop.

The NDWR has established ET data per basins within Nevada. ET actual for alfalfa in Spring Valley is listed as 3.7 ft (44.4 in.) and Net Irrigation Water Requirement (NIWR) is listed as 3.0 ft (36.0 in.). [Appendix 74, NDWR ET Rates for Basin 184, Spring Valley](#) lists the various ET and NIWR rates for different kinds of crops in Spring Valley. The NIWR is equal to the ET actual minus the precipitation and is the “consumptive” use portion of the irrigation water rights or 36.0 in. per irrigation season for alfalfa (Huntington and Allen, 2010).

[Table 5-16](#) lists the total Permitted and Certificated acreage of Irrigation Groundwater Rights with various duties and their corresponding calculated consumptive use ratios and adjusted consumptive use.

**Table 5-16**  
**Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley**

	Acres	Duty (afa)	(afa)	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	1,086.1	3.0	3,258.3	3.0	100	3,258.3
	120.838	3.452	417.09	3.0	86.9	362.45
	332.29	3.81	1,266.64	3.0	78.7	996.84
	3,707.611	4.0	14,830.443	3.0	75.0	11,122.83
<b>Totals</b>	5,246.839	---	19,772.473	---	---	15,740.42

Additionally, [Table 5-16](#) shows that if the entire 19,772.473 afa of groundwater rights within Spring Valley were used in a single season, only 15,740.42 afa would be “consumed” and the remainder would be returned to the groundwater system.

[Table 5-17](#) lists the Permitted and Certificated acreage of irrigation groundwater rights with priority dates after October 17, 1989. [Table 5-17](#) shows the various duties and their corresponding calculated consumptive use ratios and adjusted consumptive use.

**Table 5-17  
Consumptive Use with Varying Duties of Groundwater Rights  
within Spring Valley with Priority Dates after October 17, 1989**

	Acres	Duty (afa)	Acre Feet Annually	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	1,086.10	30	3,258.3	3.0	100.0	3,258.3
<b>Totals</b>	1,086.10	30	3,258.3	3.0	100.0	3,258.3

[Table 5-18](#) lists the Permitted and Certificated acreage of irrigation groundwater rights with priority dates before October 17, 1989. [Table 5-18](#) shows their various duties and their corresponding calculated consumptive use ratios and adjusted consumptive use.

**Table 5-18  
Consumptive Use with Varying Duties of Groundwater Rights  
within Spring Valley with Priority Dates before October 17, 1989**

	Acres	Duty (afa)	Acre Feet Annually	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	120.838	3.452	417.09	3.0	86.9	362.45
	332.29	3.81	1,266.64	3.0	78.7	996.84
	3,707.611	4.0	14,830.443	3.0	75.0	11,122.83
<b>Totals</b>	4,160.79	---	16,514.73	---	---	12,482.12

A portion of the 19,772.473 afa of groundwater rights is sole source and a portion is supplemental to existing surface water rights. [Table 5-13](#) listed the total amount of supplemental groundwater within Spring Valley. Based on the evaluation presented in [Section 5.6](#), only 39.1 percent of groundwater rights supplemental to surface water rights would be expected to be used in any given season. Therefore, to properly allocate for this reduction, the consumptive use analysis was further divided into those groundwater irrigation rights that were identified as sole source and those groundwater irrigation rights that were identified as supplemental to surface water.

[Table 5-19](#) lists the portions of sole source groundwater irrigation rights per duty and calculated consumptive use. There is a total of approximately 19,772.473 afa of sole source total groundwater irrigation rights with an estimated consumptive use of 10,850.26 afa.

**Table 5-19**  
**Consumptive Use with Varying Duties of Groundwater Rights within Spring Valley**

	Acres	Duty (afa)	Acre Feet Annually	Total Supplemental (GW to SW) (afa)	Supplemental Reduction (afa) = Supplemental GW Rights × (100%-39.1%)	Acre Feet Annually GW after Supplemental Reduction	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	1086.1	3.0	3,258.3	2,082.3	-1,268.12	1,990.18	3.0	100	1,990.18
	120.838	3.452	417.09	0	0	417.09	3.0	86.9	362.45
	332.29	3.81	1,266.64	1,254.78	-764.16	502.48	3.0	78.7	395.45
	3,707.611	4.0	14,830.443	6,613.37	-4,027.54	10,802.903	3.0	75.0	8,102.18
<b>Totals</b>	5,246.839	---	19,772.473	9,950.45	-6,059.82	13,712.653	---	---	10,850.26

Table 5-20 lists the portion of sole source groundwater rights per duty and calculated consumptive use for the portion of sole source groundwater rights with priority dates after October 17, 1989. There are approximately 3,258.3 afa of sole source groundwater irrigation rights with priority dates after October 17, 1989 with an estimated consumptive use of 1,990.18 afa.

**Table 5-20**  
**Consumptive Use with Varying Duties of Sole Source (Non-Supplemental) Groundwater Rights within Spring Valley with Priority Dates after October 17, 1989**

	Acres	Duty (afa)	Acre Feet Annually	Total Supplemental (GW to SW) (afa)	Supplemental Reduction (afa) = Supplemental GW Rights × (100%-39.1%)	Acre Feet Annually GW after Supplemental Reduction	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	1,086.1	3.0	3,258.3	2,082.3	-1,268.12	1,990.18	3.0	100	1,990.18
<b>Totals</b>	1,086.1	---	3,258.3	2,082.3	-1,268.12	1,990.18	---	---	1,990.18

Table 5-21 lists the duty and calculated consumptive use for the portion of sole source groundwater rights with priority dates before October 17, 1989. There are approximately 16,514.173 afa of sole source irrigation groundwater rights with priority dates before October 17, 1989 with an estimated consumptive use of 8,860.08 afa.

**Table 5-21**  
**Consumptive Use with Varying Duties of Sole Source (Non-Supplemental) Groundwater Rights within Spring Valley with Priority Dates before October 17, 1989**

	Acres	Duty (afa)	Acre Feet Annually	Total Supplemental (GW to SW) (afa)	Supplemental Reduction (afa) = Supplemental GW Rights × (100%-39.1%)	Acre Feet Annually GW after Supplemental Reduction	Annual Consumptive Use (ft)	Consumptive Use Ratio (%)	Adjusted for Consumptive Use (afa)
	120.838	3.452	417.09	0	0	417.09	3.0	86.9	362.45
	332.29	3.81	1,266.64	1,254.78	-764.16	502.48	3.0	78.7	395.45
	3,707.611	4.0	14,830.443	6,613.37	-4,027.54	10,802.93	3.0	75.0	8,102.18
<b>Totals</b>	4,160.739	---	16,514.173	7,868.15	-4,791.7	11,722.473	---	---	8,860.08

## 5.8 Estimated Domestic Water Use and Secondary Recharge

The State of Nevada defines “Domestic Water Use” as use for culinary and household purposes including the watering of a family garden and lawn and the watering of livestock and any other domestic animals or household pets and is limited to 2.0 afa per household. Definition from NRS 534.013 and 534.180. Groundwater use from a domestic well does not require an application, permit, or certificate from the NSE. This manner of use is not accounted for as a committed groundwater right in the NDWR Hydrographic Summary, but is accounted for as a committed groundwater resource in this analysis.

Information regarding the number of domestic wells, yearly pumping total per well, and the quantity of secondary recharge of water from a domestic well (through septic systems) would be required in order to generate the most accurate estimate of the domestic use of groundwater in Spring Valley. This information was not available. Therefore, an alternate method for estimating domestic groundwater use was required. This information is not available because these rights are not required to be permitted by or reported to NDWR.

The NDWR on-line Well Driller’s Log database includes a list of all wells which have been reported to NDWR. The list includes a total of 129 records and is included as [Appendix 75](#). There are 50 records that list a casing diameter of 5 to 9 in., which may correspond to domestic wells. This approach results in a broad estimate of the number of domestic wells.

Brown and Caldwell (2005) estimated the per capita use in Carson City and Lyon and Douglas Counties are between 0.20 and 0.22 afa. Population data obtained from the Nevada State Demographer office, utilizing the 2000 U.S. Census Data, shows that the mean number of people per household for various counties is as follows:

Carson City County -	2.44
Douglas County -	2.50
Lincoln County -	2.48
Lyon County -	2.61
Nye County -	2.42
White Pine County -	2.42

The most conservative use per capita times the number of people per household (0.22 afa/person times 2.61 persons/household) equals 0.57 afa (estimated water use per household = 508 gpd). The estimated household usage of 0.57 afa is equal to approximately 508 gpd. 0.57 afa times the estimated number of domestic wells in Spring Valley (50) equals an estimate of 28.5 afa pumped by potential domestic wells.

The total volume of water that is estimated to be withdrawn from the groundwater system by domestic wells is 28.5 afa. A portion of this water is returned to the groundwater system through secondary recharge (septic tanks). Seiler (1996) stated that 200 gallons per day per (gpd) household is the “potential secondary recharge from septic effluent.” Using these values yields the following results.

$$\frac{200 \text{ gpd}}{508 \text{ gpd}} = 0.394 \cong 40\% \quad (\text{Eq. 5-2})$$

Therefore, the amount of domestic water used that returns to the groundwater system as secondary recharge, is approximately 40 percent. Based on the analysis presented, it is estimated that 28.5 afa would be pumped from the groundwater system through domestic wells with 17.1 afa (60%) consumed and the remaining 11.4 afa (40%) returned to the groundwater system by secondary recharge.

## 5.9 Summary

The total committed groundwater rights for Spring Valley was analyzed by determining rights with priority dates prior to October 17, 1989, priority dates after October 17, 1989, and the total of all rights. Table 5-22 presents the summary information derived by this report’s analysis of groundwater rights within Spring Valley. Table 5-22 summarizes all Permitted and Certificated Groundwater Rights. The total of committed groundwater rights was derived based on information presented in Sections 5.2 through 5.8. If a groundwater right was determined to be supplemental to surface water, the applied duty for each groundwater right was decreased by 60.9 percent (100% - 39.1%). This reduction was based on the analysis presented in Sections 5.5 and 5.6. The duty for groundwater irrigation rights within Spring Valley varies from between 3.0 and 4.0 afa. The consumptive use was calculated based on the specific duty of the individual groundwater irrigation right and on the analysis presented in Section 5.7.

The total committed groundwater rights for Spring Valley, adjusted for supplemental and consumptive use are estimated to be 12,768.61 afa. The committed groundwater rights for Spring Valley, with priority dates after October 17, 1989 adjusted for supplemental and consumptive use are estimated to be 2,339.10 afa. The committed groundwater rights for Spring Valley, with priority dates prior to October 17, 1989 adjusted for supplemental and consumptive use are estimated to be 10,429.51 afa.

**Table 5-22  
Committed Groundwater Rights, Adjusted for Supplemental and Consumptive use**

Manner of Use	Total			With Priority Dates After October 17, 1989			With Priority Dates Prior to October 17, 1989		
	Current Analysis Annual Duty (af)	Adjusted for GW Supp. to SW (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for GW Supp. to SW (af)	Adjusted for Consumptive Use Annual Duty (af)	Current Analysis Annual Duty (af)	Adjusted for GW Supp. to SW (af)	Adjusted for Consumptive Use Annual Duty (af)
Domestic (exempt from permitting)	28.5	28.5	17.1	0.00	0.00	0.00	28.5	28.5	17.1
Irrigation Non-Supplemental	9,822.023	9,822.023	7,710.59	1,176.0	1,176.0	1,176.0	8,646.023	8,646.023	6,534.59
Irrigation - Supplemental	9,950.45	3,890.63	3,139.67	2,082.3	814.18	814.18	7,868.15	3,076.45	2,325.49
Municipal/ Quasi-Municipal	78.64	78.64	78.64	6.24	6.24	6.24	72.4	72.4	72.4
Mining and Milling	1,360.7	1,360.7	1,360.7	302.44	302.44	302.44	1,058.26	1,058.26	1,058.26
Stockwater	403.92	403.92	403.92	2.26	2.26	2.26	401.66	401.66	401.66
Wildlife	57.99	57.99	57.99	37.98	37.98	37.98	20.01	20.01	20.01
<b>Total</b>	<b>21,702.223</b>	<b>15,624.403</b>	<b>12,768.61</b>	<b>3,607.22</b>	<b>2,339.10</b>	<b>2,339.10</b>	<b>18,095.003</b>	<b>13,303.303</b>	<b>10,429.51</b>

**This Page Left Intentionally Blank**

## **6.0 CONCLUSION**

The NSE has scheduled a Hearing on Remand regarding the SNWA's applications to appropriate groundwater (Application Nos. 53987 through 53992 and 54003 through 54021). All of these applications have a priority date of October 17, 1989 and are located in the Cave, Dry Lake, Delamar, and Spring Valley Hydrographic Areas. This report quantifies the estimated committed groundwater rights in each of those hydrographic areas. The groundwater rights were further analyzed to determine the quantity of committed groundwater rights with priority dates prior to October 17, 1989.

The purpose of this report is to analyze the existing water rights within the Cave, Dry Lake, Delamar, and Spring Valleys and complete the following:

- Summarize all existing water rights,
- Quantify all existing groundwater rights,
- Quantify irrigation groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to other groundwater rights,
- Determine quantity of irrigation groundwater rights supplemental to existing surface water rights,
- Adjust irrigation groundwater rights based on supplemental analysis,
- Adjust irrigation groundwater rights based on consumptive use analysis,
- Determine total quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, and
- Determine quantity of committed groundwater rights, adjusted based on supplemental and consumptive use analysis, with priority dates before October 17, 1989.

[Table 6-1](#) lists the estimated committed groundwater resources per hydrographic area resulting from the analyses of the existing groundwater rights, as provided in this report.

**Table 6-1  
Estimated Committed Groundwater Resources**

<b>Hydrographic Area</b>	<b>Total Committed Groundwater Resources (af)</b>	<b>Committed Groundwater Resources with Priority dates after October 17, 1989 (af)</b>	<b>Committed Groundwater Resources with Priority dates prior to October 17, 1989 (af)</b>
Cave Valley	51.37	33.6	17.77
Dry Lake Valley	807.78	746.66	61.12
Delamar Valley	8.95	0.00	8.95
Spring Valley	12,768.61	2,339.1	10,429.51

## **7.0 REFERENCES**

Information from the following reports is used throughout the report and appendices.

Brown and Caldwell, 2005, Water Quality Management Plan for the Carson River. Carson City, Nevada, 39-41 p.

Huntington, J. L., and Allen, R.G., 2010, Evapotranspiration and net irrigation water requirements for Nevada: Department of Conservation and Natural Resources–Division of Water Planning, Carson City, Nevada, Appendix 14, Appendix 15, Plate 1.

Nevada Division of Water Resources, 2011, Online database of water rights [Internet], [last accessed April 1, 2011], available from <http://water.nv.gov/waterrights>.

Nevada Division of Water Resources, 2011, Water words dictionary [Internet], [last accessed April 1, 2011], available from <http://water.nv.gov/programs/planning/dictionary>.

Nevada Division of Water Resources, 2011, Designate groundwater basins of Nevada [Internet], [last accessed April 1, 2011], available from [http://water.nv.gov/mapping/maps/designated\\_basinmap.pdf](http://water.nv.gov/mapping/maps/designated_basinmap.pdf), scale 1:750,000.

Nevada Division of Water Resources, 2011, Hydrographic basin summary [Internet], [last accessed April 1, 2011], available from <http://water.nv.gov/data/basinsummary>.

Nevada Division of Water Resources, 2011, NDWR – Water rights database advanced search (special hydrographic abstract) [Internet], [last accessed April 1, 2011], available from <http://water.nv.gov/data/hydrographic>.

Nevada Division of Water Resources, 2011, Well log database query tool [Internet], [last accessed April 1, 2011], available from <http://water.nv.gov/data/wellog>.

Nevada Division of Water Resources, 2011, Database for Evapotranspiration and net irrigation water requirements for Nevada [Internet], [last accessed April 1, 2011], available from [http://water.nv.gov/mapping/et/et\\_general.cfm](http://water.nv.gov/mapping/et/et_general.cfm).

Seiler, R.L., 1996, Methods for identifying sources of nitrogen contamination of ground water in valleys in Washoe County, Nevada: U.S. Geological Survey Open File Report 96-461, 20 p.

U.S. Census Bureau, 2010, Nevada state & county quickfacts [Internet], [last accessed April 1, 2011], available from <http://quickfacts.census.gov/qfd/states/32000.html>.

U.S. Geological Survey, 2011, USGS surface-water data for Nevada [Internet], [last accessed April 1, 2011], available from <http://waterdata.usgs.gov/nv/nwis/sw>.

Water right file folders and maps located at the NDWR offices at 901 S. Stewart Street, Suite 2002, Carson City, NV 89703.

**Appendix 1**

**List of Definitions**  
**Nevada Division of Water Planning**  
***Water Words Dictionary***

## ***LIST OF DEFINITIONS***

The following definitions were obtained from the Nevada Division of Water Planning *Water Words Dictionary*. Please see <http://water.nv.gov/WaterPlanning/dict-1/ww-dictionary.pdf> for further information.

*Application* – An official request for permission to develop a source of water or to change an existing water right; includes a description of the proposed project, a map of the project, and a legal description of the property involved. The application for a water right will typically consist of the following information:

- [1] the total amount of water to be diverted or pumped;
- [2] the rate of flow (diversion);
- [3] the point of diversion or pumpage;
- [4] the point or place of use;
- [5] the manner of (beneficial) use; and
- [6] the period of use (continuous pumpage, seasonal diversion, etc.).

The application process is the first step in a process of obtaining a certificate of use or a Perfected Water Right. This process includes:

- [1] the filing of the application, which establishes the priority date for appropriation purposes;
- [2] the permit which is issued by the State Engineer or other approving authority;
- [3] the proof of completion which is filed by the applicant;
- [4] the proof of beneficial use which is also filed by the applicant; and
- [5] the certificate or perfected water right which is issued by the State Engineer or other approving authority.

*Certificated Water Right* – The right to put surface or ground water to beneficial use that is identified by a recorded document issued by the Nevada State Engineer after satisfactory proof of “perfection of application” for a permitted water right has been filed in accordance with Nevada Revised Statutes Chapter 533.

*Consumptive Use (Crop Consumptive Use, Crop Requirement)* – Often called Evapotranspiration. The amount of water used by vegetative growth of a given area by transpiration and that evaporated from adjacent soil or intercepted precipitation on the plant foliage in any specified time (acre-feet/acre).

*Decreed Rights (Water)* – Water rights determined by court decree.

*Duty (of Water)* – (1) The total volume of water per year that may be diverted under a vested water right. (2) The total volume of irrigation water required for irrigation in order to mature a particular type of crop. In stating the duty, the crop, and usually the location of the land in question, as well as the type of soil, should be specified. It also includes consumptive use, evaporation and seepage from on-farm ditches and canals, and the water that is eventually returned to streams by percolation and surface runoff. Also see Alpine Decree [Nevada], Orr Ditch Decree [Nevada], Bench Lands [Nevada], and Bottom Lands [Nevada] for additional information and examples of specific water duties.

*Perennial Yield* – The amount of usable water of a ground water reservoir that can be withdrawn and consumed economically each year for an indefinite period of time. It cannot exceed the sum of the Natural Recharge, the Artificial (or Induced) Recharge, and the Incidental Recharge without causing depletion of the groundwater reservoir. Also referred to as Safe Yield.

*Permitted* – The right to put surface or groundwater to beneficial use that is identified by a document issued by the Nevada State Engineer prior to the filing of satisfactory proof of “perfection of application” in accordance with Nevada Revised Statutes Chapter 533. If proof of beneficial use is accepted by the State Engineer, then the water right permit can be converted into a Certificated Water Right. If proof of beneficial use is not made to or accepted by the State Engineer, then the right to claim title to the water may cease.

*Preferred Use* – In the interest of public welfare, the state engineer is authorized and directed to designate preferred uses of water within the respective areas so designated by him and from which the ground water is being depleted. In acting on applications to appropriate ground water, he may designate such preferred uses in different categories with respect to the particular areas involved within the following limits: domestic, municipal, quasi-municipal, industrial, irrigation, mining and stock-watering uses and any uses for which a county, city, town, public water district or public water company furnishes the water.

*Quasi-Municipal* – See *Preferred Use*.

*Ready for Action* – This is a State of Nevada Division of Water Resources application status. Ready for Action are applications which have been processed by NDWR, have not been protested and have not been permitted to date. This definition is from a verbal discussion with NDWR employees.

*Ready for Action (Protested)* – This is a State of Nevada Division of Water Resources application status. Ready for Action are applications which have been processed by NDWR, have been protested and have not been permitted to date. This definition is from a verbal discussion with NDWR employees.

*Reserved Rights* – (1) A category of federal water rights, created by federal law and recognized by judicial decision. These rights are created when the federal government withdraws land from the public domain to establish a federal reservation such as a national park, forest, or Indian reservation. By this action, the government is held to have reserved water rights sufficient for the primary purpose for which the land was withdrawn. (2) This class of water rights is a judicial creation derived from *Winters v. United States* (207 U.S. 564, 1907) and subsequent federal case law, which collectively

hold that when the federal government withdraws land from general use and reserves it for a specific purpose, the federal government by implication reserves the minimum amount of water unappropriated at the time the land was withdrawn or reserved to accomplish the primary purpose of the reservation. Federal reserved water rights may be claimed when Congress has by statute withdrawn lands from the public domain for a particular federal purpose or where the President has withdrawn lands from the public domain for a particular federal purpose pursuant to congressional authorization. The right to such water is not lost by nonuse, and its priority date is the date the land was set aside. Also see Winters Rights (Decision), Reservation Doctrine, Reserved Rights Doctrine, and Winters Doctrine (or Winters Rights), and Water Law [Federal].

*Supplemental* – When irrigation water supplies are obtained from more than one source, the source furnishing the principal supply is commonly designated the primary source, and the sources furnishing the additional supplies, the supplemental sources.

*Vested Water Right* – (1) The water right to use either surface or ground water acquired through more or less continual beneficial use prior to the enactment of water law pertaining to the source of the water. These claims become final through Adjudication. (2) A fully executed or finalized appropriative right to use the waters of a state for a beneficial purpose. Also see *Certificated Water Right* and Perfected Water Right.

## **Appendix 2**

### **Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley**

# Hydrographic Abstract

Number of Records: 101

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	13102		4059	10-13-49	CER	SPR	NE	SE	33	11N	64E	0.019	STK	0.00	5.59		WP	CAVE VALLEY RANCHES
	25322		8358	10-15-69	CER	STR	SE	SW	03	09N	63E	0.890	IRR	0.00	240.00		LI	LEWIS, LOU JEANNE
	25411		8359	01-05-70	CER	SPR	SW	NW	11	09N	63E	0.564	IRR	0.00	79.20		LI	LEWIS, LOU JEANNE
	27814		9654	10-05-73	CER	SPR	SW	NW	11	09N	63E	0.670	IRR	0.00	126.00		LI	LEWIS, JEANNE LOU
	3139		1661	10-21-14	CER	SPR	NW	SW	29	11N	63E	0.003	STK	0.00	1.29		WP	CARTER, ALICE
	3142		2334	10-23-14	CER	SPR	SW	NW	21	11N	63E	0.004	STK	0.00	1.66		WP	REID, ROBERT
	4599		643	09-24-17	CER	STR	SE	SE	11	09N	63E	0.120	IRR	0.00	36.00		LI	ADAMS, MYRON
	4881		1060	01-31-18	CER	SPR	SW	NE	16	09N	64E	0.751	IRR	0.00	225.57		LI	CAVE VALLEY RANCH, LLC
	5071		540	05-13-18	CER	SPR	SW	SE	25	08N	64E	0.015	STK	0.00	7.52		LI	CAVE VALLEY RANCH, LLC
	5073		542	05-13-18	CER	SPR	NE	NE	25	08N	64E	0.015	STK	0.00	7.30		LI	CAVE VALLEY RANCH, LLC
	53987			10-17-89	RFP	UG	SW	NW	22	06N	63E	6.000	MUN	0.00	4344.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	53988			10-17-89	RFP	UG	SE	SE	21	07N	63E	10.000	MUN	0.00	4378.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	5747		707	09-19-19	CER	SPR	SW	SE	30	11N	63E	0.004	STK	0.00	1.50		WP	REED, G.M.
	64670			12-11-98	RFP	UG	SE	NE	08	05N	63E	10.000	IRR	0.00	5210.00		LI	LINCOLN COUNTY WATER DISTRICT
	64671			12-11-98	RFP	UG	NE	SE	09	08N	64E	10.000	IRR	0.00	5210.00		LI	LINCOLN COUNTY WATER DISTRICT
	66123		16617	03-08-00	CER	UG	NW	SE	15	07N	63E	0.016	STK	0.00	11.20		LI	JENSEN, BRUCE A. & PAMELA G.
	66125		16619	03-08-00	CER	UG	SE	SW	30	08N	64E	0.016	STK	0.00	11.20		LI	JENSEN, BRUCE A. & PAMELA G.
	66129			03-08-00	PER	SPR	SE	SW	33	07N	64E	0.150	IRR	0.00	80.00		LI	JENSEN, BRUCE A. & PAMELA G.
	6638		2105	02-27-22	CER	UG	NE	SE	21	05N	63E	0.003	STK	0.00	2.15		LI	JENSEN, BRUCE A.
	68487			02-11-02	RFP	UG	NE	NE	14	07N	63E	3.500	IRR	0.00	1280.00		LI	JENSEN, PAMELA G.
	68488			02-11-02	RFP	UG	NE	NE	14	07N	63E	3.500	IRR	0.00	1280.00		LI	JENSEN, BRUCE A.
	73168			08-19-05	PER	UG	SW	NW	27	09N	64E	0.050	STK	0.00	11.20	Y	LI	CAVE VALLEY RANCH, LLC
	73169			08-19-05	PER	UG	SW	NW	15	08N	64E	0.050	STK	0.00	11.20	Y	LI	CAVE VALLEY RANCH, LLC
	73170			08-19-05	PER	UG	NW	NE	25	10N	63E	0.050	STK	0.00	11.20	Y	WP	CAVE VALLEY RANCH, LLC
	73815			02-09-06	RFA	UG	NE	SE	04	09N	63E	4.000	IRR	0.00	0.00		LI	LEWIS, PAUL
	73816			02-09-06	RFA	UG	SE	SW	03	09N	63E	4.000	IRR	0.00	0.00		LI	LEWIS, PAUL
	73817			02-09-06	RFA	UG	SE	NE	10	09N	63E	4.000	IRR	0.00	0.00		LI	LEWIS, PAUL
	7397		1175	06-14-25	CER	UG	SW	SE	31	06N	63E	0.015	STK	0.00	1.87		LI	JENSEN, BRUCE A.
	7485		1876	08-20-25	CER	UG	SW	SE	36	09N	64E	0.012	STK	0.00	8.96		LI	KIRKEBY, GORDON A.
	75231			01-03-07	RFA	UG	NW	NE	04	08N	64E	0.016	STK	0.00	0.00		LI	WHIPPLE, KEVIN
	75779			05-24-07	RFA	UG	SE	SE	05	09N	64E	0.000	QM	0.00	8.07		LI	CAVE VALLEY RANCH, LLC

Number of Records: 101

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
76124				08-03-07	RFP	STR	SE	SE	05	09N	64E	0.160	OTH	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76125				08-03-07	RFP	STR	SE	SE	05	09N	64E	0.070	OTH	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76126				08-03-07	RFP	UG	SE	SE	05	09N	64E	0.070	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76127				08-03-07	RFP	UG	SE	SE	05	09N	64E	0.070	OTH	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76128				08-03-07	RFP	UG	SE	SE	05	09N	64E	0.160	OTH	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76248				09-07-07	RFP	UG	NW	NW	06	09N	64E	1.670	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76249				09-07-07	RFP	UG	NW	SW	31	10N	64E	2.230	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
76250				09-07-07	RFP	UG	SW	SE	06	09N	64E	2.240	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76251				09-07-07	RFP	UG	SW	SW	30	10N	64E	2.230	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
76252				09-07-07	RFP	UG	NE	NE	08	09N	64E	1.450	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76257				09-10-07	RFP	UG	NE	NE	25	10N	63E	1.960	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
76258				09-10-07	RFP	UG	NE	SW	16	09N	64E	3.340	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76281				09-14-07	RFP	STR	SE	SE	05	09N	64E	0.000	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
76897				04-02-08	RFP	UG	SW	SE	28	09N	63E	1.750	IRR	0.00	0.00	LI	PAMELA G. JENSEN	
76898				04-02-08	RFP	UG	SE	SW	28	10N	63E	1.750	IRR	0.00	0.00	WP	PAMELA G. JENSEN	
76899				04-02-08	RFP	UG	SE	SE	08	10N	63E	1.750	IRR	0.00	0.00	WP	BRUCE A. JENSEN	
76900				04-02-08	RFP	UG	SE	SE	17	10N	63E	1.750	IRR	0.00	0.00	WP	BRUCE A. JENSEN	
79276				01-28-10	RFP	UG	SW	NW	22	06N	63E	6.000	MUN	0.00	0.00	LI	SOUTHERN NEVADA WATER AUTHORITY	
79277				01-28-10	RFP	UG	SE	SE	21	07N	63E	10.000	MUN	0.00	0.00	LI	SOUTHERN NEVADA WATER AUTHORITY	
9001		4209		07-26-29	CER	SPR	SW	NE	16	09N	64E	0.044	DOM	0.00	0.00	LI	GREAT WESTERN MINING & DEVELOPMENT CO	
9702		2135		10-09-33	CER	SPR	SE	NE	19	06N	63E	0.010	STK	0.00	7.24	LI	JENSEN, BRUCE A. AND PAMELA G.	
9720		2269		02-08-34	CER	SPR	NW	NE	14	09N	64E	0.025	STK	0.00	17.92	LI	CAVE VALLEY RANCHES	
9721		2270		02-08-34	CER	SPR	SW	SW	02	09N	64E	0.025	STK	0.00	17.92	LI	CAVE VALLEY RANCHES	
R09414				04-06-04	RES	SPR	SE	NE	19	06N	63E	0.002	STK	0.00	0.00	LI	BLM	
R09416				04-06-04	RES	SPR	SW	SE	31	06N	63E	0.002	STK	0.00	0.00	LI	BLM	
R09417				04-06-04	RES	SPR	NE	SW	30	06N	63E	0.002	STK	0.00	0.00	LI	BLM	
V01416				08-30-15	VST	SPR	NE	SE	30	11N	63E	0.100	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01486				12-08-16	VST	SPR	NE	SE	20	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01559				04-08-18	VST	SPR	NW	SW	10	10N	64E	0.500	STK	0.00	0.00	WP	CAVE VALLEY RANCHES	
V01658				12-06-19	VST	SPR	SW	NW	23	10N	64E	0.300	STK	0.00	7.46	WP	CAVE VALLEY RANCHES	
V01659				12-06-19	VST	SPR	SE	SE	22	10N	64E	0.300	STK	0.00	7.46	WP	CAVE VALLEY RANCH, LLC	
V01660				12-06-19	VST	SPR	NW	SE	22	10N	64E	0.300	STK	0.00	7.46	WP	CAVE VALLEY RANCHES	
V01675				12-26-19	VST	SPR	SE	SE	27	10N	64E	0.025	STK	0.00	7.46	WP	CAVE VALLEY RANCH, LLC	
V01678				12-29-19	VST	STR	NE	SE	34	10N	64E	1.000	STK	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
V01679				12-29-19	VST	STR	NW	NW	02	09N	64E	1.000	STK	0.00	0.00	LI	CAVE VALLEY RANCHES INC.	
V01680				01-08-20	VST	STR	NW	NE	04	09N	64E	1.000	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V01681				01-08-20	VST	STR	NE	NW	26	10N	64E	1.000	STK	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
V01696				05-03-20	VST	SPR	SW	SW	02	09N	64E	0.025	STK	0.00	0.00	LI	GEYSER LAND & CATTLE CO.	
V01697				05-03-20	VST	SPR	NW	SE	11	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V01698				05-03-20	VST	SPR	NW	NE	14	09N	64E	0.025	STK	0.00	0.00	LI	GEYSER LAND & CATTLE	

Number of Records: 101

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.025						CO.	
V01699				05-03-20	VST	SPR	NE	SW	14	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCHES INC.	
V01807				08-18-21	VST	STR	NW	SW	31	10N	64E	0.004	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
V01878				04-18-25	VST	STR	SW	SE	15	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01881				04-18-25	VST	SPR	SE	SE	03	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01882				04-18-25	VST	SPR	NE	NW	10	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01883				04-18-25	VST	SPR	SE	SW	10	11N	63E	0.050	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01964				01-11-26	VST	SPR	SE	NE	19	06N	63E	0.004	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V01965				01-11-26	VST	SPR	NE	SW	30	06N	63E	0.002	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V02075				03-21-27	VST	SPR	NW	SE	09	10N	63E	0.250	STK	0.00	6.72	WP	JENSEN, BRUCE A.	
V02079				04-08-27	VST	SPR	SW	SE	17	10N	63E	0.250	STK	0.00	6.72	WP	JENSEN, BRUCE A.	
V02692				11-25-70	VST	SPR	SW	NE	04	09N	63E	0.414	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	
V02693				11-25-70	VST	SPR	SE	SW	03	09N	63E	0.414	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	
V02694				11-25-70	VST	SPR	SW	NW	11	09N	63E	0.120	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	
V09231				03-08-00	VST	SPR	NE	SE	06	09N	63E	0.013	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09232				03-08-00	VST	SPR	NW	SE	12	09N	62E	0.013	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09233				03-08-00	VST	SPR	SW	SE	32	10N	63E	0.013	STK	0.00	3.38	WP	JENSEN, BRUCE A.	
V09234				03-08-00	VST	SPR	NE	NE	32	09N	63E	0.100	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09235				03-08-00	VST	SPR	SE	SW	33	07N	64E	0.050	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09236				03-08-00	VST	SPR	SE	NW	13	09N	62E	0.025	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09522				08-19-05	VST	SPR	SW	SE	02	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09523				08-19-05	VST	STR	NW	NW	02	09N	64E	1.000	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09524				08-19-05	VST	SPR	NW	NW	23	10N	64E	0.333	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09525				08-19-05	VST	SPR	NW	SE	22	10N	64E	0.333	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09526				08-19-05	VST	SPR	SW	SE	11	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09527				08-19-05	VST	SPR	SE	NW	13	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09875				01-27-10	VST	SPR	NE	SE	20	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09878				01-27-10	VST	SPR	NE	NW	10	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09881				01-27-10	VST	SPR	SE	SW	16	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09882				01-27-10	VST	SPR	SW	SE	15	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09883				01-27-10	VST	SPR	NE	SE	30	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	

## **Appendix 3**

### **NDWR HA 180, Cave Valley, Spreadsheet of Water Rights**

**Cave Valley Basin 180 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
3139	1661	3139m		CER	SPR	STK	CARTER, ALICE
3142	2334	3142m		CER	SPR	STK	REID, ROBERT
4599	643	4599m	yes	CER	STR	IRR	ADAMS, MYRON
4881	1060	4881m	yes	CER	SPR	IRR	CAVE VALLEY RANCH, LLC
5071	540	5071m		CER	SPR	STK	CAVE VALLEY RANCH, LLC
5073	542	5073m		CER	SPR	STK	CAVE VALLEY RANCH, LLC
5747	707	5747m		CER	SPR	STK	REED, G. M.
6638	2105	6638m		CER	UG	STK	JENSEN, BRUCE A.
7397	1175	7397m		CER	UG	STK	JENSEN, BRUCE A.
7485	1876	7485m		CER	UG	STK	KIRKEBY, GORDON A.
9001	4209	9001m		CER	SPR	DOM	GREAT WESTERN MINING & DEVELOPMENT CO
9702	2135	9702m		CER	SPR	STK	JENSEN, BRUCE A. and PAMELA G.
9720	2269	9720m		CER	SPR	STK	CAVE VALLEY RANCHES
9721	2270	9721m		CER	SPR	STK	CAVE VALLEY RANCHES
13102	4059	13102m		CER	SPR	STK	CAVE VALLEY RANCHES
25322	8358	25322m	V02692	CER	STR	IRR	LEWIS, LOU JEANNE
25411	8359	25411m	V02692	CER	SPR	IRR	LEWIS, LOU JEANNE
27814	9654	27814m	V02692	CER	SPR	IRR	LEWIS, JEANNE LOU
<b>53987</b>		<b>53987m</b>		<b>RFP</b>	<b>UG</b>	<b>MUN</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>53988</b>		<b>53988m</b>		<b>RFP</b>	<b>UG</b>	<b>MUN</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
64670		64670m		RFP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
64671		64671m		RFP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
<b>66123</b>	<b>16617</b>	<b>66123m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>JENSEN, BRUCE A. &amp; PAMELA G.</b>
<b>66125</b>	<b>16619</b>	<b>66125m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>JENSEN, BRUCE A. &amp; PAMELA G.</b>
66129		66129m		PER	SPR	IRR	JENSEN, BRUCE A. & PAMELA G.
68487		68487m		RFP	UG	IRR	JENSEN, PAMELA G.
68488		68488m		RFP	UG	IRR	JENSEN, BRUCE A.
<b>73168</b>		<b>73168m</b>		<b>PER</b>	<b>UG</b>	<b>STK</b>	<b>CAVE VALLEY RANCH, LLC</b>
<b>73169</b>		<b>73169m</b>		<b>PER</b>	<b>UG</b>	<b>STK</b>	<b>CAVE VALLEY RANCH, LLC</b>
<b>73170</b>		<b>73170m</b>		<b>PER</b>	<b>UG</b>	<b>STK</b>	<b>CAVE VALLEY RANCH, LLC</b>
73815		73815m		RFA	UG	IRR	LEWIS, PAUL
73816		73816m		RFA	UG	IRR	LEWIS, PAUL
73817		73817m		RFA	UG	IRR	LEWIS, PAUL
75231		75231m		RFA	UG	STK	WHIPPLE, KEVIN
75779		75779m		RFA	UG	QM	CAVE VALLEY RANCH, LLC
76124		76124m		RFP	STR	OTH	CAVE VALLEY RANCH, LLC
76125		76125m		RFP	STR	OTH	CAVE VALLEY RANCH, LLC
76126		76126m		RFP	UG	STK	CAVE VALLEY RANCH, LLC
76127		76127m		RFP	UG	OTH	CAVE VALLEY RANCH, LLC
76128		76128m		RFP	UG	OTH	CAVE VALLEY RANCH, LLC
76248		76248m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76249		76249m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76250		76250m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76251		76251m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76252		76252m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76257		76257m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76258		76258m		RFP	UG	IRR	CAVE VALLEY RANCH, LLC
76281		76281m		RFP	STR	STK	CAVE VALLEY RANCH, LLC
76897		76897m		RFP	UG	IRR	PAMELA G. JENSEN
76898		76898m		RFP	UG	IRR	PAMELA G. JENSEN
76899		76899m		RFP	UG	IRR	BRUCE A. JENSEN
76900		76900m		RFP	UG	IRR	BRUCE A. JENSEN
<b>79276</b>		<b>79276m</b>		<b>RFP</b>	<b>UG</b>	<b>MUN</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>79277</b>		<b>79277m</b>		<b>RFP</b>	<b>UG</b>	<b>MUN</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
R09414		Not On File		RES	SPR	STK	BLM
R09416		Not On File		RES	SPR	STK	BLM
R09417		Not On File		RES	SPR	STK	BLM
V01416		Not On File		VST	SPR	STK	ADAMS MCGILL COMPANY
V01486		V01486m		VST	SPR	STK	ADAMS MCGILL COMPANY

**Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**  
**Green Font = Water Rights [Permits / Certificates] with Priority Date Post October 17, 1989**

## Cave Valley Basin 180 Spreadsheet of Water Rights (Current as of April 1, 2011)

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
V01559		Not On File		VST	SPR	STK	CAVE VALLEY RANCHES
V01658		V01658m		VST	SPR	STK	CAVE VALLEY RANCHES
V01659		V01659m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V01660		V01660m		VST	SPR	STK	CAVE VALLEY RANCHES
V01675		V01675m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V01678		V01678m		VST	STR	STK	CAVE VALLEY RANCH, LLC
V01679		V01679m		VST	STR	STK	CAVE VALLEY RANCHES INC.
V01680		V01680m		VST	STR	STK	CAVE VALLEY RANCH, LLC
V01681		V01681m		VST	STR	STK	CAVE VALLEY RANCH, LLC
V01696		Not On File		VST	SPR	STK	GEYSER LAND & CATTLE CO.
V01697		Not On File		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V01698		Not On File		VST	SPR	STK	GEYSER LAND & CATTLE CO.
V01699		V01699m		VST	SPR	STK	CAVE VALLEY RANCHES INC.
V01807		V01807m		VST	STR	IRR	CAVE VALLEY RANCH, LLC
V01878		V01878m		VST	STR	STK	ADAMS MCGILL COMPANY
V01881		Not On File		VST	SPR	STK	ADAMS MCGILL COMPANY
V01882		Not On File		VST	SPR	STK	ADAMS MCGILL COMPANY
V01883		Not On File		VST	SPR	STK	ADAMS MCGILL COMPANY
V01964		Not On File		VST	SPR	STK	JENSEN, BRUCE A.
V01965		V01965m		VST	SPR	STK	JENSEN, BRUCE A.
V02075		Not On File		VST	SPR	STK	JENSEN, BRUCE A.
V02079		Not On File		VST	SPR	STK	JENSEN, BRUCE A.
V02692		V02692m		VST	SPR	IRR	LEWIS, LOU JEANNE
V02693		V02693m		VST	SPR	IRR	LEWIS, LOU JEANNE
V02694		V02694m		VST	SPR	IRR	LEWIS, LOU JEANNE
V09231		V09231m		VST	SPR	STK	JENSEN, BRUCE A.
V09232		V09232m		VST	SPR	STK	JENSEN, BRUCE A.
V09233		V09233m		VST	SPR	STK	JENSEN, BRUCE A.
V09234		V09234m		VST	SPR	STK	JENSEN, BRUCE A.
V09235		V09235m		VST	SPR	STK	JENSEN, BRUCE A.
V09236		V09236m		VST	SPR	STK	JENSEN, BRUCE A.
V09522		V09522m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V09523		V09523m		VST	STR	STK	CAVE VALLEY RANCH, LLC
V09524		V09524m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V09525		V09525m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V09526		V09526m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V09527		V09527m		VST	SPR	STK	CAVE VALLEY RANCH, LLC
V09875		Not On File		VST	SPR	STK	BLUE DIAMOND OIL CORPORATION
V09878		Not On File		VST	SPR	STK	BLUE DIAMOND OIL CORPORATION
V09881		Not On File		VST	SPR	STK	BLUE DIAMOND OIL CORPORATION
V09882		Not On File		VST	SPR	STK	BLUE DIAMOND OIL CORPORATION
V09883		Not On File		VST	SPR	STK	BLUE DIAMOND OIL CORPORATION

**Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**  
**Green Font = Water Rights [Permits / Certificates] with Priority Date Post October 17, 1989**

## **Appendix 4**

### **NDWR HA 180 Summary**

# HYDROGRAPHIC AREA SUMMARY

Hydrographic Area No. **180** Hydrographic Area Name **CAVE VALLEY**

Subarea Name

Hydrographic Region No. **10** Hydrographic Region Name **CENTRAL**

Area (sq. mi.) **362**

Counties within the hydrographic area **Lincoln, White Pine**

Nearest Communities to Hydrographic Area **Sunnyside, Preston**

Designated (Y/N, Order No.) **N** For All or Portion of Basin

Preferred Use **None** For All or Portion of Basin

State Engineer's Orders:  (Click search icons to find all designation orders or rulings for this basin) For All or Portion of Basin

State Engineer's Rulings  this basin)

Pumpage Inventory Status **None** Crop Inventory Status **None**

Water Level Measurement? **None**

Yield Values

Perennial Yield (AFY) **5000**

System Yield (AFY)

Yield Reference(s) **State Engineer Ruling 5875**

Yield Remarks

Source of Committed Data:	<b>NDWR Database</b>	Supplementally Adjusted?	<b>Y</b>
Manner Of Use		<i>Underground</i>	<i>Geothermal</i>

<i>Commercial</i>	<b>0.00</b>	<b>0.00</b>
<i>Construction</i>	<b>0.00</b>	<b>0.00</b>
<i>Domestic</i>	<b>0.00</b>	<b>0.00</b>
<i>Environmental</i>	<b>0.00</b>	<b>0.00</b>
<i>Industrial</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (Carey Act)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (DLE)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation</i>	<b>0.00</b>	<b>0.00</b>
<i>Mining and Milling</i>	<b>0.00</b>	<b>0.00</b>
<i>Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Power</i>	<b>0.00</b>	<b>0.00</b>
<i>Quasi-Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Recreation</i>	<b>0.00</b>	<b>0.00</b>
<i>Stockwater</i>	<b>46.58</b>	<b>0.00</b>
<i>Storage</i>	<b>0.00</b>	<b>0.00</b>
<i>Wildlife</i>	<b>0.00</b>	<b>0.00</b>
<i>Other</i>	<b>0.00</b>	<b>0.00</b>
<b>Totals</b>	<b>46.58</b>	<b>0.00</b>

Related Reports

USGS Reconnaissance **13** USGS Bulletin **33**

Other References

Comments

## **Appendix 5**

### **Hydrographic Abstract for All Active Applications within NDWR Hydrographic Area 180, Cave Valley, with Manner of Use as “Stockwater”**

# Hydrographic Abstract

Number of Records: 63

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	13102		4059	10-13-49	CER	SPR	NE	SE	33	11N	64E	0.019	STK	0.00	5.59		WP	CAVE VALLEY RANCHES
	3139		1661	10-21-14	CER	SPR	NW	SW	29	11N	63E	0.003	STK	0.00	1.29		WP	CARTER, ALICE
	3142		2334	10-23-14	CER	SPR	SW	NW	21	11N	63E	0.004	STK	0.00	1.66		WP	REID, ROBERT
	5071		540	05-13-18	CER	SPR	SW	SE	25	08N	64E	0.015	STK	0.00	7.52		LI	CAVE VALLEY RANCH, LLC
	5073		542	05-13-18	CER	SPR	NE	NE	25	08N	64E	0.015	STK	0.00	7.30		LI	CAVE VALLEY RANCH, LLC
	5747		707	09-19-19	CER	SPR	SW	SE	30	11N	63E	0.004	STK	0.00	1.50		WP	REED, G.M.
	66123		16617	03-08-00	CER	UG	NW	SE	15	07N	63E	0.016	STK	0.00	11.20		LI	JENSEN, BRUCE A. & PAMELA G.
	66125		16619	03-08-00	CER	UG	SE	SW	30	08N	64E	0.016	STK	0.00	11.20		LI	JENSEN, BRUCE A. & PAMELA G.
	6638		2105	02-27-22	CER	UG	NE	SE	21	05N	63E	0.003	STK	0.00	2.15		LI	JENSEN, BRUCE A.
	73168			08-19-05	PER	UG	SW	NW	27	09N	64E	0.050	STK	0.00	11.20	Y	LI	CAVE VALLEY RANCH, LLC
	73169			08-19-05	PER	UG	SW	NW	15	08N	64E	0.050	STK	0.00	11.20	Y	LI	CAVE VALLEY RANCH, LLC
	73170			08-19-05	PER	UG	NW	NE	25	10N	63E	0.050	STK	0.00	11.20	Y	WP	CAVE VALLEY RANCH, LLC
	7397		1175	06-14-25	CER	UG	SW	SE	31	06N	63E	0.015	STK	0.00	1.87		LI	JENSEN, BRUCE A.
	7485		1876	08-20-25	CER	UG	SW	SE	36	09N	64E	0.012	STK	0.00	8.96		LI	KIRKEBY, GORDON A.
	75231			01-03-07	RFA	UG	NW	NE	04	08N	64E	0.016	STK	0.00	0.00		LI	WHIPPLE, KEVIN
	76126			08-03-07	RFP	UG	SE	SE	05	09N	64E	0.070	STK	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	76281			09-14-07	RFP	STR	SE	SE	05	09N	64E	0.000	STK	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	9702		2135	10-09-33	CER	SPR	SE	NE	19	06N	63E	0.010	STK	0.00	7.24		LI	JENSEN, BRUCE A. AND PAMELA G.
	9720		2269	02-08-34	CER	SPR	NW	NE	14	09N	64E	0.025	STK	0.00	17.92		LI	CAVE VALLEY RANCHES
	9721		2270	02-08-34	CER	SPR	SW	SW	02	09N	64E	0.025	STK	0.00	17.92		LI	CAVE VALLEY RANCHES
	R09414			04-06-04	RES	SPR	SE	NE	19	06N	63E	0.002	STK	0.00	0.00		LI	BLM
	R09416			04-06-04	RES	SPR	SW	SE	31	06N	63E	0.002	STK	0.00	0.00		LI	BLM
	R09417			04-06-04	RES	SPR	NE	SW	30	06N	63E	0.002	STK	0.00	0.00		LI	BLM
	V01416			08-30-15	VST	SPR	NE	SE	30	11N	63E	0.100	STK	0.00	0.00		WP	ADAMS-MCGILL COMPANY
	V01486			12-08-16	VST	SPR	NE	SE	20	11N	63E	0.250	STK	0.00	0.00		WP	ADAMS-MCGILL COMPANY
	V01559			04-08-18	VST	SPR	NW	SW	10	10N	64E	0.500	STK	0.00	0.00		WP	CAVE VALLEY RANCHES
	V01658			12-06-19	VST	SPR	SW	NW	23	10N	64E	0.300	STK	0.00	7.46		WP	CAVE VALLEY RANCHES
	V01659			12-06-19	VST	SPR	SE	SE	22	10N	64E	0.300	STK	0.00	7.46		WP	CAVE VALLEY RANCH, LLC
	V01660			12-06-19	VST	SPR	NW	SE	22	10N	64E	0.300	STK	0.00	7.46		WP	CAVE VALLEY RANCHES
	V01675			12-26-19	VST	SPR	SE	SW	27	10N	64E	0.025	STK	0.00	7.46		WP	CAVE VALLEY RANCH, LLC
	V01678			12-29-19	VST	STR	NE	SE	34	10N	64E	1.000	STK	0.00	0.00		WP	CAVE VALLEY RANCH, LLC
	V01679			12-29-19	VST	STR	NW	NW	02	09N	64E	1.000	STK	0.00	0.00		LI	CAVE VALLEY RANCHES INC.
	V01680			01-08-20	VST	STR	NW	NE	04	09N	64E	1.000	STK	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	V01681			01-08-20	VST	STR	NE	NW	26	10N	64E	1.000	STK	0.00	0.00		WP	CAVE VALLEY RANCH, LLC

Number of Records: 63

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V01696				05-03-20	VST	SPR	SW	SW	02	09N	64E	0.025	STK	0.00	0.00	LI	GEYSER LAND & CATTLE CO.	
V01697				05-03-20	VST	SPR	NW	SE	11	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V01698				05-03-20	VST	SPR	NW	NE	14	09N	64E	0.025	STK	0.00	0.00	LI	GEYSER LAND & CATTLE CO.	
V01699				05-03-20	VST	SPR	NE	SW	14	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCHES INC.	
V01878				04-18-25	VST	STR	SW	SE	15	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01881				04-18-25	VST	SPR	SE	SE	03	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01882				04-18-25	VST	SPR	NE	NW	10	11N	63E	0.250	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01883				04-18-25	VST	SPR	SE	SW	10	11N	63E	0.050	STK	0.00	0.00	WP	ADAMS-MCGILL COMPANY	
V01964				01-11-26	VST	SPR	SE	NE	19	06N	63E	0.004	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V01965				01-11-26	VST	SPR	NE	SW	30	06N	63E	0.002	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V02075				03-21-27	VST	SPR	NW	SE	09	10N	63E	0.250	STK	0.00	6.72	WP	JENSEN, BRUCE A.	
V02079				04-08-27	VST	SPR	SW	SE	17	10N	63E	0.250	STK	0.00	6.72	WP	JENSEN, BRUCE A.	
V09231				03-08-00	VST	SPR	NE	SE	06	09N	63E	0.013	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09232				03-08-00	VST	SPR	NW	SE	12	09N	62E	0.013	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09233				03-08-00	VST	SPR	SW	SE	32	10N	63E	0.013	STK	0.00	3.38	WP	JENSEN, BRUCE A.	
V09234				03-08-00	VST	SPR	NE	NE	32	09N	63E	0.100	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09235				03-08-00	VST	SPR	SE	SW	33	07N	64E	0.050	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09236				03-08-00	VST	SPR	SE	NW	13	09N	62E	0.025	STK	0.00	0.00	LI	JENSEN, BRUCE A.	
V09522				08-19-05	VST	SPR	SW	SE	02	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09523				08-19-05	VST	STR	NW	NW	02	09N	64E	1.000	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09524				08-19-05	VST	SPR	NW	NW	23	10N	64E	0.333	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09525				08-19-05	VST	SPR	NW	SE	22	10N	64E	0.333	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09526				08-19-05	VST	SPR	SW	SE	11	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09527				08-19-05	VST	SPR	SE	NW	13	09N	64E	0.025	STK	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
V09875				01-27-10	VST	SPR	NE	SE	20	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09878				01-27-10	VST	SPR	NE	NW	10	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09881				01-27-10	VST	SPR	SE	SW	16	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09882				01-27-10	VST	SPR	SW	SE	15	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	
V09883				01-27-10	VST	SPR	NE	SE	30	11N	63E	0.020	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	

## **Appendix 6**

### **Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Domestic”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('DOM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	9001		4209	07-26-29	CER	SPR	SW	NE	16	09N	64E	0.044	DOM	0.00	0.00		LI	GREAT WESTERN MINING & DEVELOPMENT CO

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 7**

### **Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Other”**

# Hydrographic Abstract

Number of Records: 4

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('OTH')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	76124			08-03-07	RFP	STR	SE	SE	05	09N	64E	0.160	OTH	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	76125			08-03-07	RFP	STR	SE	SE	05	09N	64E	0.070	OTH	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	76127			08-03-07	RFP	UG	SE	SE	05	09N	64E	0.070	OTH	0.00	0.00		LI	CAVE VALLEY RANCH, LLC
	76128			08-03-07	RFP	UG	SE	SE	05	09N	64E	0.160	OTH	0.00	0.00		LI	CAVE VALLEY RANCH, LLC

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 8**

### **Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Municipal/Quasi-Municipal”**

# Hydrographic Abstract

Number of Records: 5

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('MUN','QM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	53987			10-17-89	RFP	UG	SW	NW	22	06N	63E	6.000	MUN	0.00	4344.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	53988			10-17-89	RFP	UG	SE	SE	21	07N	63E	10.000	MUN	0.00	4378.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	75779			05-24-07	RFA	UG	SE	SE	05	09N	64E	0.000	QM	0.00	8.07		LI	CAVE VALLEY RANCH, LLC
	79276			01-28-10	RFP	UG	SW	NW	22	06N	63E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
	79277			01-28-10	RFP	UG	SE	SE	21	07N	63E	10.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 9**

### **Hydrographic Abstract for All Active Applications within NDWR HA 180, Cave Valley, with Manner of Use as “Irrigation”**

# Hydrographic Abstract

Number of Records: 28

Selection Criteria: basin IN ('180') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
180	25322		8358	10-15-69	CER	STR	SE	SW	03	09N	63E	0.890	IRR	0.00	240.00	LI	LEWIS, LOU JEANNE	
	25411		8359	01-05-70	CER	SPR	SW	NW	11	09N	63E	0.564	IRR	0.00	79.20	LI	LEWIS, LOU JEANNE	
	27814		9654	10-05-73	CER	SPR	SW	NW	11	09N	63E	0.670	IRR	0.00	126.00	LI	LEWIS, JEANNE LOU	
	4599		643	09-24-17	CER	STR	SE	SE	11	09N	63E	0.120	IRR	0.00	36.00	LI	ADAMS, MYRON	
	4881		1060	01-31-18	CER	SPR	SW	NE	16	09N	64E	0.751	IRR	0.00	225.57	LI	CAVE VALLEY RANCH, LLC	
	64670			12-11-98	RFP	UG	SE	NE	08	05N	63E	10.000	IRR	0.00	5210.00	LI	LINCOLN COUNTY WATER DISTRICT	
	64671			12-11-98	RFP	UG	NE	SE	09	08N	64E	10.000	IRR	0.00	5210.00	LI	LINCOLN COUNTY WATER DISTRICT	
	66129			03-08-00	PER	SPR	SE	SW	33	07N	64E	0.150	IRR	0.00	80.00	LI	JENSEN, BRUCE A. & PAMELA G.	
	68487			02-11-02	RFP	UG	NE	NE	14	07N	63E	3.500	IRR	0.00	1280.00	LI	JENSEN, PAMELA G.	
	68488			02-11-02	RFP	UG	NE	NE	14	07N	63E	3.500	IRR	0.00	1280.00	LI	JENSEN, BRUCE A.	
	73815			02-09-06	RFA	UG	NE	SE	04	09N	63E	4.000	IRR	0.00	0.00	LI	LEWIS, PAUL	
	73816			02-09-06	RFA	UG	SE	SW	03	09N	63E	4.000	IRR	0.00	0.00	LI	LEWIS, PAUL	
	73817			02-09-06	RFA	UG	SE	NE	10	09N	63E	4.000	IRR	0.00	0.00	LI	LEWIS, PAUL	
	76248			09-07-07	RFP	UG	NW	NW	06	09N	64E	1.670	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
	76249			09-07-07	RFP	UG	NW	SW	31	10N	64E	2.230	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
	76250			09-07-07	RFP	UG	SW	SE	06	09N	64E	2.240	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
	76251			09-07-07	RFP	UG	SW	SW	30	10N	64E	2.230	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
	76252			09-07-07	RFP	UG	NE	NE	08	09N	64E	1.450	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
	76257			09-10-07	RFP	UG	NE	NE	25	10N	63E	1.960	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
	76258			09-10-07	RFP	UG	NE	SW	16	09N	64E	3.340	IRR	0.00	0.00	LI	CAVE VALLEY RANCH, LLC	
	76897			04-02-08	RFP	UG	SW	SE	28	09N	63E	1.750	IRR	0.00	0.00	LI	PAMELA G. JENSEN	
	76898			04-02-08	RFP	UG	SE	SW	28	10N	63E	1.750	IRR	0.00	0.00	WP	PAMELA G. JENSEN	
	76899			04-02-08	RFP	UG	SE	SE	08	10N	63E	1.750	IRR	0.00	0.00	WP	BRUCE A. JENSEN	
	76900			04-02-08	RFP	UG	SE	SE	17	10N	63E	1.750	IRR	0.00	0.00	WP	BRUCE A. JENSEN	
	V01807			08-18-21	VST	STR	NW	SW	31	10N	64E	0.004	IRR	0.00	0.00	WP	CAVE VALLEY RANCH, LLC	
	V02692			11-25-70	VST	SPR	SW	NE	04	09N	63E	0.414	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	
	V02693			11-25-70	VST	SPR	SE	SW	03	09N	63E	0.414	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	
	V02694			11-25-70	VST	SPR	SW	NW	11	09N	63E	0.120	IRR	0.00	0.00	LI	LEWIS, LOU JEANNE	

**Appendix 10**

**NDWR Well Driller's Log Database—Basin 180**

# STATE OF NEVADA DIVISION OF WATER RESOURCES

## WELL DRILLER'S LOG - GENERAL REPORT

Total Records: 20  
Run Date: 4/12/2011

Selection Criteria: ha in ('180') order by ha

BASIN	LOG NO	CO	TWN	RNG	SEC	QTR SEC	OWNER	DATE CMPLT	DRLRS LIC NO	TOTAL DEPTH	STATIC WATER LEVEL	CSNG DIAMS	ASSESSOR'S PARCEL NO	WORK TYPE	PROP USE	PERMIT / WAIVER NO
180	71199	WP	N11	E63	25	SE SE	KINGSTON, BILL	4/24/1998	1556	140	91.00	6.62		N	H	
180	8605	NY	N10	E64	04	NW NW	WHIPPLE, KEITH	7/16/1965	30	200	149.00	6.00		N	S	19094
180	78564	LI	N07	E63	33	SE	CONNLEY P SMITH OPERATING CO	1/17/2000	1793	300	192.00	6.63		N	J	OG-209A
180	92077	LI	N09	E64	05	SE SE	MULL, WILLIAM	11/11/2002	1556	150	0.00	0.00		N	H	
180	92078	LI	N09	E64	05	SE SE	MULL, WILLIAM	11/11/2002	1556		0.00	6.00	005-021-07	N	H	
180	104299	LI	N09	E64	16	NE NW	MULL, BILL	9/14/2007	1710	400	240.00	6.63	005-021-06	N	H	
180	104490	LI	N06	E64	19	SW NE	SNWA	10/16/2007	2319	893	142.80	6.63		N	X	
180	108472	LI	N06	E64	19	NE SW	S N W A 180W902M	10/21/2005	2057	905	0.00	12.75	05-111-01	N	G	
180	7871	NY	N09	E64	27	SE SW	U S BUREAU OF LAND MANAGEMENT	6/8/1964	289	315	258.00	6.00		N	S	
180	8954	LI	N07	E64	19		GULF OIL CORP	4/16/1966	14	265	220.00	6.00		N	Z	

180	72899	LI	N07	E63	27	SE SE	SMITH, CONNELLY P	5/12/1998	1438	290	168.00	6.00		N	J	OG-209A
180	72900	LI	N07	E63	27	SE SW	SMITH, CONNELLY P	5/16/1998	1438	245	157.00	6.00		N	J	OG-209A
180	72901	LI	N07	E63	27	SE SE	SMITH, CONNELLY P	7/7/1998	1438	320	183.00	6.00		N	J	OG-209C
180	104849	LI	N06	E64	19	SW NE	SNWA 180W902M	10/6/2007	1796	905	141.00	12.75	005-111-01	R	G	R-1260
180	104850	LI	N06	E64	19	NE SW	SNWA 180W-103	11/3/2007	2319	912	143.30	20.00		N	X	
180	22581	LI	N07	E63	14	SW NW NE	U S AIR FORCE	9/30/1980	1099	460	231.00	22.00		N	X	41701
180	22582	LI	N07	E63	14	SW NW NE	U S AIR FORCE	9/23/1980	1099	460	230.00	0.00		N	X	
180	62885	LI	N06	E64	18	NW SW	SMITH, CONNELLY D	12/30/1995	1438	500	400.00	6.00		N	N	OG-197
180	62889	LI	N07	E63	13	NW SE	SMITH, CONNELLY D	12/20/1995	1438	250	180.00	6.00		N	N	OG-196
180	105365	LI	N09	E64	05	SE SE	MCBETH, BILL	12/19/2006	2121	748	250.00	8.63	012-670-03	N	H	

## **Appendix 11**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley**

# Hydrographic Abstract

Number of Records: 112

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
181	10119		2355	05-17-37	CER	SPR	NE	SW	22	01N	65E	0.015	STK	0.00	5.22	LI	VIDLER WATER COMPANY	
	10120		2356	05-17-37	CER	SPR	NW	NE	23	01N	65E	0.015	STK	0.00	5.22	LI	VIDLER WATER COMPANY	
	10747		2805	10-17-41	CER	SPR	NE	SW	09	04S	65E	0.010	STK	0.00	7.18	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
	11033		3063	12-03-43	CER	SPR	SE	NE	26	01N	66E	0.003	STK	0.00	2.24	LI	BLEAK, JUANITA W. & WHELLER, CASEY L	
	11118		2826	05-10-44	CER	RES	SE	SE	33	02S	65E	0.013	STK	0.00	6.72	LI	VIDLER WATER COMPANY	
	12246		3583	02-06-48	CER	SPR	SW	SE	34	02N	63E	0.013	STK	0.00	5.22	LI	THORLEY, FRANK	
	12247		3584	02-06-48	CER	SPR	NW	NW	35	02N	63E	0.013	STK	0.00	4.48	LI	THORLEY, FRANK	
	12511		4390	06-18-48	CER	SPR	NW	SE	32	02S	63E	0.003	STK	0.00	1.87	LI	HIGBEE, E. EDWIN, KRISTINE H.	
	12512		4391	06-18-48	CER	SPR	SW	SW	34	02S	63E	0.003	STK	0.00	1.50	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	12793		4501	01-08-49	CER	SPR	NE	NW	27	02S	63E	0.009	STK	0.00	2.79	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	12840		4502	03-07-49	CER	SPR	NE	SW	27	02S	63E	0.002	STK	0.00	1.63	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	14732		4712	12-24-52	CER	STR	SW	NW	17	02S	66E	0.000	STK	0.00	3.99	LI	JONES, H. WENDELL	
	18756		5059	04-26-60	CER	UG	NE	NW	24	01N	64E	0.015	STK	0.00	10.83	LI	DELMUE, ALBERT	
	3368		1980	04-26-15	CER	SPR	SW	SE	25	04N	66E	0.030	IRR	0.00	11.00	LI	CYPHERS, ROBERT M.	
	35696		10175	08-07-78	CER	RES	SE	SW	26	05N	65E	0.007	STK	0.00	4.91	LI	GEYSER RANCH, LLC	
	35761		10204	08-18-78	CER	SPR	NW	NW	26	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35762		10205	08-18-78	CER	SPR	SE	SE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35763		10206	08-18-78	CER	SPR	NE	SE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35764		10207	08-18-78	CER	SPR	SE	NE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35766		10208	08-18-78	CER	SPR	NW	SE	26	04N	65E	0.014	STK	0.00	10.10	LI	GEYSER RANCH, LLC	
	35767		10209	08-18-78	CER	SPR	SE	NW	26	04N	65E	0.007	STK	0.00	4.85	LI	GEYSER RANCH, LLC	
	35768		10210	08-18-78	CER	SPR	NE	SE	35	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35769		10186	08-18-78	CER	RES	SW	NE	01	01N	64E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35770		10869	08-18-78	CER	UG	SW	NE	04	02N	64E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35771		10211	08-18-78	CER	SPR	NW	SW	11	02N	64E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35772		10187	08-18-78	CER	RES	SE	SW	19	02N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35773		10870	08-18-78	CER	UG	SE	NW	20	03N	64E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35774		10871	08-18-78	CER	UG	NW	SE	21	03N	65E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35775		10212	08-18-78	CER	SPR	SE	SE	05	04N	65E	0.014	STK	0.00	10.10	LI	GEYSER RANCH, LLC	
	35843		10288	09-06-78	CER	SPR	NW	NE	21	05N	65E	0.002	STK	0.00	1.17	LI	STEWART, ROBERT	
	35844		10289	09-06-78	CER	SPR	NE	SW	10	05N	65E	0.002	STK	0.00	1.35	LI	STEWART, ROBERT	
	35851		10215	09-06-78	CER	RES	SE	SW	12	06N	64E	0.006	STK	0.00	4.05	LI	GEYSER RANCH, LLC	
	35951		10217	10-03-78	CER	SPR	SE	SE	09	04N	65E	0.004	STK	0.00	3.22	LI	GEYSER RANCH, LLC	

Number of Records: 112

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
	35952		10218	10-03-78	CER	SPR	NW	SE	16	04N	65E	0.004	STK	0.00	3.22		LI	GEYSER RANCH, LLC
	35954		10220	10-03-78	CER	SPR	NW	SW	15	04N	65E	0.004	STK	0.00	3.22		LI	GEYSER RANCH, LLC
	36179		10222	11-20-78	CER	SPR	NE	NE	18	05N	64E	0.008	STK	0.00	5.80		LI	GEYSER RANCH, LLC
	36180		10223	11-20-78	CER	SPR	SE	SE	26	04N	65E	0.007	STK	0.00	4.85		LI	GEYSER RANCH, LLC
	36183		10295	11-20-78	CER	SPR	SE	SW	23	05N	65E	0.002	STK	0.00	1.35		LI	STEWART, ROBERT
	3875		724	04-10-16	CER	RES	NE	NE	03	03S	64E	0.010	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	3876		725	04-10-16	CER	RES	SW	SW	33	02S	64E	0.010	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	3878		726	04-10-16	CER	RES	NW	SE	32	01S	64E	0.000	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	4696		732	11-12-17	CER	SPR	SE	SE	31	04S	65E	0.003	STK	0.00	0.00		LI	CORP PRESIDING BISHOP CHURCH JC LDS 50% UDI
	4697		733	11-12-17	CER	SPR	SW	SE	31	04S	65E	0.002	STK	0.00	0.00		LI	CORP OF THE PRES. BISHOP OF THE CHURCH OF JC LDS 50% UDI
	4961		525	03-14-18	CER	SPR	NW	NE	23	01N	65E	0.003	STK	0.00	2.18		LI	HIGHBEE, FLORENCE S.
	51776		13590	01-20-88	CER	SPR	NW	SE	22	01N	65E	0.006	STK	0.00	0.92		LI	HATCH, ROGER
	5200		1924	08-12-18	CER	STR	SW	SE	26	04N	65E	0.063	STK	0.00	44.81		LI	WEST SIDE CATTLE COMPANY
	52103		13775	05-18-88	CER	SPR	SW	NW	22	02S	63E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52104		13776	05-18-88	CER	SPR	SW	NE	21	03S	65E	0.001	STK	0.00	0.46		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52105		13777	05-18-88	CER	SPR	NW	SE	21	03S	65E	0.003	STK	0.00	2.18		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52106		13778	05-18-88	CER	SPR	NW	NE	28	03S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52107		13779	05-18-88	CER	SPR	NW	NW	16	04S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52108		13780	05-18-88	CER	SPR	SW	NW	29	04S	65E	0.013	STK	0.00	9.42		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52109		13781	05-18-88	CER	SPR	SE	SE	25	04S	64E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	5356		526	01-16-19	CER	SPR	SE	NW	11	01N	65E	0.002	STK	0.00	0.15		LI	GOODMAN, R.F.
	5371		1119	01-25-19	CER	RES	SW	NW	24	02S	64E	0.000	STK	0.00	10.00		LI	VIDLER WATER COMPANY
	53989			10-17-89	RFP	UG	SE	SW	30	02S	64E	6.000	MUN	0.00	4344.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	53990			10-17-89	RFP	UG	NE	SE	08	02S	65E	10.000	MUN	0.00	7240.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	5936		854	01-05-20	CER	UG	SE	NW	14	05N	64E	0.025	STK	0.00	18.08		LI	ADAMS-MCGILL COMPANY
	6094		1053	05-06-20	CER	SPR	NE	SE	33	02S	63E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	6619		835	01-27-22	CER	SPR	NE	SW	33	02S	66E	0.015	STK	0.00	10.74		LI	WILLIAMS, ALEX WARREN
	6718		1629	07-17-22	CER	UG	SW	SW	32	01N	66E	0.025	MM	0.00	18.08		LI	COMET MINES CO.
	6803		971	10-23-22	CER	SPR	NE	SW	22	01N	65E	0.002	STK	0.00	1.60		LI	FEDERAL LAND BANK OF

Number of Records: 112

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.002						BERKELEY	
7117			1466	05-16-24	CER	SPR	NW	SW	13	02N	63E	0.002	STK	0.00	1.57	LI	ROBISON BROTHERS	
7563			2209	11-04-25	CER	SPR	SE	NE	22	01N	63E	0.006	STK	0.00	2.61	LI	CLARK, DOUGLAS	
7564			2210	11-04-25	CER	SPR	SE	NW	22	01N	63E	0.012	STK	0.00	4.85	LI	CLARK, DOUGLAS	
77722				12-29-08	PER	UG	SW	SE	05	01S	65E	1.500	IRR	0.00	504.50	Y	LI	LINCOLN COUNTY WATER DISTRICT
77723				12-29-08	PER	UG		LT1	05	01S	65E	1.500	IRR	0.00	504.50	Y	LI	LINCOLN COUNTY WATER DISTRICT
780		566X		01-10-08	CER	SPR				01S	65E	0.916	STK	0.00	663.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
79262				01-28-10	RFP	UG	NE	SE	08	02S	65E	10.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
79278				01-28-10	RFP	UG	SE	SW	30	02S	64E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
79362				01-29-10	RFP	UG	SW	SE	05	01S	65E	5.000	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
79363				01-29-10	RFP	UG		LT1	05	01S	65E	5.000	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
80558				02-11-11	APP	UG	SE	NW	20	03N	64E	0.027	STK	0.00	0.00		LI	SNWA
80560				02-11-11	APP	UG	NW	SE	21	03N	65E	0.027	STK	0.00	0.00		LI	SNWA
80565				02-11-11	APP	SPR	NE	NE	18	05N	64E	0.010	STK	0.00	0.00		LI	SNWA
80648				03-04-11	APP	UG	NE	SE	05	01S	65E	1.500	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
80649				03-04-11	APP	UG	NE	SE	05	01S	65E	1.500	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
8670		8146		08-19-28	CER	SPR	NE	SE	03	06N	64E	0.010	STK	0.00	7.24		LI	GEYSER RANCH, LLC
8698		5705		09-17-28	CER	SPR	NE	SE	05	01S	65E	0.017	STK	0.00	12.06		LI	VIDLER WATER COMPANY
9618		2107		08-11-32	CER	OSW	NE	NW	11	03S	64E	0.009	STK	0.00	6.78		LI	CORP PRESIDING BISHOP CHURCH JC LDS
9660		2293		05-06-33	CER	SPR	SE	NE	04	03S	65E	0.001	STK	0.00	0.68		LI	VIDLER WATER COMPANY
R04778				02-08-89	RES	SPR	SE	NE	08	06S	65E	0.002	OTH	0.00	1.29		LI	BLM
R05989				06-21-93	RES	SPR	SE	NW	10	04S	65E	0.000	OTH	0.00	0.21		LI	BLM
R09410				03-23-04	RES	SPR	SE	SE	05	04N	65E	0.002	STK	0.00	0.00		LI	BLM
R09411				03-23-04	RES	SPR	NW	SE	30	04N	65E	0.002	STK	0.00	0.00		LI	BLM
V01027				03-10-11	VST	SPR	NW	NW	16	04N	65E	0.011	STK	0.00	7.95		LI	CORP PRESIDING BISHOP CHURCH JC LDS
V01134				09-30-12	VST	SPR	SW	NW	31	02N	66E	0.025	STK	0.00	3.93		LI	LYTTLE , EDWIN
V01135				09-30-12	VST	SPR	SE	NE	36	02N	65E	0.033	STK	0.00	2.79		LI	LYTTLE, EDWIN
V01250				06-08-13	VST	SPR	SE	SE	24	02N	65E	0.013	STK	0.00	1.38		LI	DELMUE, JOSEPH
V01265				11-17-13	VST	SPR		SW	28	01N	63E	0.050	STK	0.00	2.24		LI	ADAMS-MCGILL COMPANY
V01267				11-17-13	VST	SPR	NE	SW	21	01N	63E	0.100	STK	0.00	6.72		LI	ADAMS-MCGILL COMPANY
V01268				11-20-13	VST	SPR	SE	SW	13	02N	63E	0.013	STK	0.00	9.21		LI	ADAMS-MCGILL COMPANY
V01287				11-06-13	VST	SPR	NW	SW	15	04N	65E	0.013	STK	0.00	5.62		LI	GEYSER RANCH LIMITED PARTNERSHIP
V01288				02-24-14	VST	SPR	NW	SE	16	05N	65E	0.013	STK	0.00	0.00		LI	ADAMS-MCGILL COMPANY
V01289				02-24-14	VST	SPR	SW	SE	03	04N	65E	0.013	STK	0.00	5.62		LI	GEYSER RANCH, LLC

Number of Records: 112

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V01290				02-21-14	VST	SPR	SW	NW	15	05N	65E	0.100	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01294				02-21-14	VST	SPR	SW	SW	10	05N	65E	0.075	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01295				02-21-14	VST	SPR	SE	NE	32	05N	65E	0.250	IRR	0.00	60.00		LI	LLOYD, ARTHUR M. & LYNN LYTLE
V01296				02-24-14	VST	SPR	NE	NE	08	04N	65E	0.000	IRR	0.00	12.00		LI	GEYSER RANCH LIMITED PARTNERSHIP
V01297				02-21-14	VST	SPR	SW	SE	30	04N	65E	0.000	IRR	0.00	1.60		LI	GEYSER RANCH LIMITED PARTNERSHIP
V01299				03-10-14	VST	SPR	NW	SW	29	04N	65E	0.013	STK	0.00	4.48		LI	GEYSER RANCH, LLC
V01300				03-10-14	VST	SPR	NW	SW	33	04N	65E	0.013	STK	0.00	0.00		LI	GEYSER RANCH, LLC
V01301				02-21-14	VST	SPR	NE	NE	18	05N	64E	0.038	STK	0.00	3.38		LI	ADAMS-MCGILL COMPANY
V01302				02-21-14	VST	SPR	NE	SE	33	04N	65E	0.125	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01459				04-12-16	VST	SPR	SE	SW	33	02S	66E	0.125	STK	0.00	3.38		LI	WILLIAMS, ALEX WARREN
V01787				01-27-22	VST	SPR	NE	SW	33	02S	66E	0.025	STK	0.00	6.72		LI	MACKIE, ALEX J.
V02350				09-08-47	VST	SPR	NE	NE	03	04S	65E	0.017	STK	0.00	1.14		LI	CORP PRESIDING BISHOP CHURCH JC LDS
V02351				09-08-47	VST	SPR	SW	SE	14	04S	65E	0.017	STK	0.00	1.35		LI	CULVERWELL, CHAS.
V03839				02-01-82	VST	SPR	NW	SW	06	02N	65E	0.004	STK	0.00	2.03		LI	IMPERIAL FARMS LAND AND CATTLE CO.
V03840				02-01-82	VST	SPR	SW	SW	30	03N	65E	0.004	STK	0.00	2.03		LI	IMPERIAL FARMS LAND AND CATTLE CO.
V04697				09-16-88	VST	SPR	NW	NW	35	01N	65E	0.050	STK	0.00	12.31		LI	HATCH, ROGER
V06519				05-19-94	VST	SPR	NW	NW	35	01N	65E	0.050	STK	0.00	0.00		LI	VIDLER WATER COMAPNY

PRELIMINARY DATA  
SUBJECT TO REVISION

**Appendix 12**

**NDWR HA 181, Dry Lake Valley,  
Spreadsheet of Water Rights**

Dry Lake Valley Basin 181 Spreadsheet of Water Rights (Current as of April 1, 2011)

App	Cert	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
780	566X	780- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
3368	1980	3368- App Map	App Map	CER	SPR	IRR	CYPHERS, ROBERT M.
3875	724	3875- App Map	N/A Stock	CER	RES	STK	CORP PRESIDING BISHOP CHURCH JC LDS
3876	725	3876- App Map	N/A Stock	CER	RES	STK	CORP PRESIDING BISHOP CHURCH JC LDS
3878	726	3878- App Map	N/A Stock	CER	RES	STK	CORP PRESIDING BISHOP CHURCH JC LDS
4696	732	4696- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS 50% UDI
4697	733	4697- App Map	N/A Stock	CER	SPR	STK	CORP OF THE PRES. BISHOP OF THE CHURCH OF JC LDS 50% UDI
4961	525	4961- App Map	N/A Stock	CER	SPR	STK	HIGHBEE, FLORENCE S.
5200	1924	5200- App Map	N/A Stock	CER	STR	STK	WEST SIDE CATTLE COMPANY
5356	526	5356- App Map	N/A Stock	CER	SPR	STK	GOODMAN, R.F.
5371	1119	5371- App Map	N/A Stock	CER	RES	STK	VIDLER WATER COMPANY
5936	854	5936- App Map	N/A Stock	CER	UG	STK	ADAMS MCGILL COMPANY
6094	1053	6094- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
6619	835	6619- App Map	N/A Stock	CER	SPR	STK	WILLIAMS, ALEX WARREN
6718	1629	6718- App Map	N/A MM	CER	UG	MM	COMET MINES CO.
6803	971	6803- App Map	N/A Stock	CER	SPR	STK	FEDERAL LAND BANK OF BERKELEY
7117	1466	7117- App Map	N/A Stock	CER	SPR	STK	ROBISON BROTHERS
7563	2209	7563- App Map	N/A Stock	CER	SPR	STK	CLARK, DOUGLAS
7564	2210	7564- App Map	N/A Stock	CER	SPR	STK	CLARK, DOUGLAS
8670	8146	8670- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
8698	5705	8698- App Map	N/A Stock	CER	SPR	STK	VIDLER WATER COMPANY
9618	2107	9618- App Map	N/A Stock	CER	OSW	STK	CORP PRESIDING BISHOP CHURCH JC LDS
9660	2293	9660- App Map	N/A Stock	CER	SPR	STK	VIDLER WATER COMPANY
10119	2355	10119- App Map	N/A Stock	CER	SPR	STK	VIDLER WATER COMPANY
10120	2356	10120- App Map	N/A Stock	CER	SPR	STK	VIDLER WATER COMPANY
10747	2805	10747- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
11033	3063	11033- App Map	N/A Stock	CER	SPR	STK	BLEAK, JUANITA W. & WHELLER, CASEY L
11118	2826	11118- App Map	N/A Stock	CER	RES	STK	VIDLER WATER COMPANY
12246	3583	12246- App Map	N/A Stock	CER	SPR	STK	THORLEY, FRANK
12247	3584	12247- App Map	N/A Stock	CER	SPR	STK	THORLEY, FRANK
12511	4390	12511- App Map	N/A Stock	CER	SPR	STK	HIGBEE, E. EDWIN, KRISTINE H.
12512	4391	12512- App Map	N/A Stock	CER	SPR	STK	HIGBEE, E. EDWIN AND KRISTINE H.
12793	4501	12793- App Map	N/A Stock	CER	SPR	STK	HIGBEE, E. EDWIN AND KRISTINE H.
12840	4502	12840- App Map	N/A Stock	CER	SPR	STK	HIGBEE, E. EDWIN AND KRISTINE H.
14732	4712	14732- App Map	N/A Stock	CER	STR	STK	JONES, H. WENDELL
18756	5059	18756- App Map	N/A Stock	CER	UG	STK	DELMUE, ALBERT
35696	10175	35696- App Map	N/A Stock	CER	RES	STK	GEYSER RANCH, LLC
35761	10204	35761- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35762	10205	35762- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35763	10206	35763- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35764	10207	35764- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35766	10208	35766- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC

Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA  
 Green Font = Water Rights [Permits / Certificates] with Priority Dates Post October 17, 1989

Dry Lake Valley Basin 181 Spreadsheet of Water Rights (Current as of April 1, 2011)

App	Cert	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
35767	10209	35767- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35768	10210	35768- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35769	10186	35769- App Map	N/A Stock	CER	RES	STK	GEYSER RANCH, LLC
35770	10869	35770- App Map	N/A Stock	CER	UG	STK	GEYSER RANCH, LLC
35771	10211	35771- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35772	10187	35772- App Map	N/A Stock	CER	RES	STK	GEYSER RANCH, LLC
35773	10870	35773- App Map	N/A Stock	CER	UG	STK	GEYSER RANCH, LLC
35774	10871	35774- App Map	N/A Stock	CER	UG	STK	GEYSER RANCH, LLC
35775	10212	35775- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35843	10288	35843- App Map	N/A Stock	CER	SPR	STK	STEWARD, ROBERT
35844	10289	35844- App Map	N/A Stock	CER	SPR	STK	STEWARD, ROBERT
35851	10215	35851- App Map	N/A Stock	CER	RES	STK	GEYSER RANCH, LLC
35951	10217	35951- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35952	10218	35952- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
35954	10220	35954- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
36179	10222	36179- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
36180	10223	36180- App Map	N/A Stock	CER	SPR	STK	GEYSER RANCH, LLC
36183	10295	36183- App Map	N/A Stock	CER	SPR	STK	STEWARD, ROBERT
51776	13590	51776- App Map	N/A Stock	CER	SPR	STK	HATCH, ROGER
52103	13775	52103- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52104	13776	52104- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52105	13777	52105- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52106	13778	52106- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52107	13779	52107- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52108	13780	52108- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52109	13781	52109- App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
53989	N/A RFP	53989- App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
53990	N/A RFP	53990- App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
77722	N/A PER	77722- App Map	N/A Permit	PER	UG	IRR	LINCOLN COUNTY WATER DISTRICT
77723	N/S PER	77723- App Map	N/A Permit	PER	UG	IRR	LINCOLN COUNTY WATER DISTRICT
79262	N/A RFP	79262- App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79278	N/A RFP	79278- App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79362	N/A RFP	79362- App Map	N/A RFP	RFP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
79363	N/A RFP	79363- App Map	N/A RFP	RFP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
80558	N/A APP	80558- App Map	N/A APP	APP	UG	STK	SNWA
80560	N/A APP	80560- App Map	N/A APP	APP	UG	STK	SNWA
80565	N/A APP	80565- App Map	N/A APP	APP	SPR	STK	SNWA
80648	N/A APP	80648- App Map	N/A APP	APP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
80649	N/A APP	80649- App Map	N/A APP	APP	UG	IRR	LINCOLN COUNTY WATER DISTRICT
R04778	N/A RES	R04778- App Map	N/A Other	RES	SPR	OTH	BLM
R05989	N/A RES	R05989- App Map	N/A Other	RES	SPR	OTH	BLM
R09410	N/A RES	R09410- App Map	N/A Stock	RES	SPR	STK	BLM
R09411	N/A RES	R09411- App Map	N/A Stock	RES	SPR	STK	BLM
V01027	N/A VST	V01027- App Map	N/A Stock	VST	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS

Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA  
 Green Font = Water Rights [Permits / Certificates] with Priority Dates Post October 17, 1989

Dry Lake Valley Basin 181 Spreadsheet of Water Rights (Current as of April 1, 2011)

App	Cert	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
V01134	N/A VST	V01134- App Map	N/A Stock	VST	SPR	STK	LYTTLE , EDWIN
V01135	N/A VST	V01135- App Map	N/A Stock	VST	SPR	STK	LYTTLE, EDWIN
V01250	N/A VST	V01250- App Map	N/A Stock	VST	SPR	STK	DELMUE, JOSEPH
V01265	N/A VST	V01265- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01267	N/A VST	V01267- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01268	N/A VST	V01268- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01287	N/A VST	V01287- App Map	N/A Stock	VST	SPR	STK	GEYSER RANCH LIMITED PARTNERSHIP
V01288	N/A VST	V01288- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01289	N/A VST	V01289- App Map	N/A Stock	VST	SPR	STK	GEYSER RANCH, LLC
V01290	N/A VST	V01290- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01294	N/A VST	V01294- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01295	N/A VST	V01295- App Map	App Map	VST	SPR	IRR	LLOYD, ARTHUR M. & LYNN LYTTLE
V01296	N/A VST	V01296- App Map	App Map	VST	SPR	IRR	GEYSER RANCH LIMITED PARTNERSHIP
V01297	N/A VST	V01297- App Map	App Map	VST	SPR	IRR	GEYSER RANCH LIMITED PARTNERSHIP
V01299	N/A VST	V01299- App Map	N/A Stock	VST	SPR	STK	GEYSER RANCH, LLC
V01300	N/A VST	V01300- App Map	N/A Stock	VST	SPR	STK	GEYSER RANCH, LLC
V01301	N/A VST	V01301- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01302	N/A VST	V01302- App Map	N/A Stock	VST	SPR	STK	ADAMS MCGILL COMPANY
V01459	N/A VST	V01459- App Map	N/A Stock	VST	SPR	STK	WILLIAMS, ALEX WARREN
V01787	N/A VST	V01787- App Map	N/A Stock	VST	SPR	STK	MACKIE, ALEX J.
V02350	N/A VST	V02350- App Map	N/A Stock	VST	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
V02351	N/A VST	V02351- App Map	N/A Stock	VST	SPR	STK	CULVERWELL, CHAS.
V03839	N/A VST	V03839- App Map	N/A Stock	VST	SPR	STK	IMPERIAL FARMS LAND AND CATTLE CO.
V03840	N/A VST	V03840- App Map	N/A Stock	VST	SPR	STK	IMPERIAL FARMS LAND AND CATTLE CO.
V04697	N/A VST	V04697- App Map	N/A Stock	VST	SPR	STK	HATCH, ROGER
V06519	N/A VST	V06519- App Map	N/A Stock	VST	SPR	STK	VIDLER WATER COMAPNY

Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA  
 Green Font = Water Rights [Permits / Certificates] with Priority Dates Post October 17, 1989

**Appendix 13**

**NDWR HA 181 Summary**

# HYDROGRAPHIC AREA SUMMARY

Hydrographic Area No. **181** Hydrographic Area Name **DRY LAKE VALLEY**

Subarea Name

Hydrographic Region No. **10** Hydrographic Region Name **CENTRAL**

Area (sq. mi.) **882**

Counties within the hydrographic area **Lincoln**

Nearest Communities to Hydrographic Area **Caliente, Pioche**

Designated (Y/N, Order No.) **N** For All or Portion of Basin

Preferred Use **None** For All or Portion of Basin

State Engineer's Orders:  (Click search icons to find all designation orders or rulings for this basin) For All or Portion of Basin

State Engineer's Rulings  For All or Portion of Basin

Pumpage Inventory Status **None** Crop Inventory Status **None**

Water Level Measurement? **None**

Yield Values

Perennial Yield (AFY) **12700**

System Yield (AFY)

Yield Reference(s) **State Engineer Ruling 5875**

Yield Remarks

Source of Committed Data:	<b>NDWR Database</b>	Supplementally Adjusted?	<b>Y</b>
Manner Of Use		Underground	Geothermal

<i>Commercial</i>	<b>0.00</b>	<b>0.00</b>
<i>Construction</i>	<b>0.00</b>	<b>0.00</b>
<i>Domestic</i>	<b>0.00</b>	<b>0.00</b>
<i>Environmental</i>	<b>0.00</b>	<b>0.00</b>
<i>Industrial</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (Carey Act)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (DLE)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation</i>	<b>1,009.00</b>	<b>0.00</b>
<i>Mining and Milling</i>	<b>18.08</b>	<b>0.00</b>
<i>Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Power</i>	<b>0.00</b>	<b>0.00</b>
<i>Quasi-Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Recreation</i>	<b>0.00</b>	<b>0.00</b>
<i>Stockwater</i>	<b>38.48</b>	<b>0.00</b>
<i>Storage</i>	<b>0.00</b>	<b>0.00</b>
<i>Wildlife</i>	<b>0.00</b>	<b>0.00</b>
<i>Other</i>	<b>0.00</b>	<b>0.00</b>
<b>Totals</b>	<b>1,065.56</b>	<b>0.00</b>

Related Reports

USGS Reconnaissance **16** USGS Bulletin **33**

Other References

Comments

## **Appendix 14**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Stockwater”**

# Hydrographic Abstract

Number of Records: 95

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
181	10119		2355	05-17-37	CER	SPR	NE	SW	22	01N	65E	0.015	STK	0.00	5.22	LI	VIDLER WATER COMPANY	
	10120		2356	05-17-37	CER	SPR	NW	NE	23	01N	65E	0.015	STK	0.00	5.22	LI	VIDLER WATER COMPANY	
	10747		2805	10-17-41	CER	SPR	NE	SW	09	04S	65E	0.010	STK	0.00	7.18	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
	11033		3063	12-03-43	CER	SPR	SE	NE	26	01N	66E	0.003	STK	0.00	2.24	LI	BLEAK, JUANITA W. & WHELLER, CASEY L	
	11118		2826	05-10-44	CER	RES	SE	SE	33	02S	65E	0.013	STK	0.00	6.72	LI	VIDLER WATER COMPANY	
	12246		3583	02-06-48	CER	SPR	SW	SE	34	02N	63E	0.013	STK	0.00	5.22	LI	THORLEY, FRANK	
	12247		3584	02-06-48	CER	SPR	NW	NW	35	02N	63E	0.013	STK	0.00	4.48	LI	THORLEY, FRANK	
	12511		4390	06-18-48	CER	SPR	NW	SE	32	02S	63E	0.003	STK	0.00	1.87	LI	HIGBEE, E. EDWIN, KRISTINE H.	
	12512		4391	06-18-48	CER	SPR	SW	SW	34	02S	63E	0.003	STK	0.00	1.50	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	12793		4501	01-08-49	CER	SPR	NE	NW	27	02S	63E	0.009	STK	0.00	2.79	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	12840		4502	03-07-49	CER	SPR	NE	SW	27	02S	63E	0.002	STK	0.00	1.63	LI	HIGBEE, E. EDWIN AND KRISTINE H.	
	14732		4712	12-24-52	CER	STR	SW	NW	17	02S	66E	0.000	STK	0.00	3.99	LI	JONES, H. WENDELL	
	18756		5059	04-26-60	CER	UG	NE	NW	24	01N	64E	0.015	STK	0.00	10.83	LI	DELMUE, ALBERT	
	35696		10175	08-07-78	CER	RES	SE	SW	26	05N	65E	0.007	STK	0.00	4.91	LI	GEYSER RANCH, LLC	
	35761		10204	08-18-78	CER	SPR	NW	NW	26	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35762		10205	08-18-78	CER	SPR	SE	SE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35763		10206	08-18-78	CER	SPR	NE	SE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35764		10207	08-18-78	CER	SPR	SE	NE	22	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35766		10208	08-18-78	CER	SPR	NW	SE	26	04N	65E	0.014	STK	0.00	10.10	LI	GEYSER RANCH, LLC	
	35767		10209	08-18-78	CER	SPR	SE	NW	26	04N	65E	0.007	STK	0.00	4.85	LI	GEYSER RANCH, LLC	
	35768		10210	08-18-78	CER	SPR	NE	SE	35	04N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35769		10186	08-18-78	CER	RES	SW	NE	01	01N	64E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35770		10869	08-18-78	CER	UG	SW	NE	04	02N	64E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35771		10211	08-18-78	CER	SPR	NW	SW	11	02N	64E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35772		10187	08-18-78	CER	RES	SE	SW	19	02N	65E	0.005	STK	0.00	3.25	LI	GEYSER RANCH, LLC	
	35773		10870	08-18-78	CER	UG	SE	NW	20	03N	64E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35774		10871	08-18-78	CER	UG	NW	SE	21	03N	65E	0.004	STK	0.00	3.19	LI	GEYSER RANCH, LLC	
	35775		10212	08-18-78	CER	SPR	SE	SE	05	04N	65E	0.014	STK	0.00	10.10	LI	GEYSER RANCH, LLC	
	35843		10288	09-06-78	CER	SPR	NW	NE	21	05N	65E	0.002	STK	0.00	1.17	LI	STEWART, ROBERT	
	35844		10289	09-06-78	CER	SPR	NE	SW	10	05N	65E	0.002	STK	0.00	1.35	LI	STEWART, ROBERT	
	35851		10215	09-06-78	CER	RES	SE	SW	12	06N	64E	0.006	STK	0.00	4.05	LI	GEYSER RANCH, LLC	
	35951		10217	10-03-78	CER	SPR	SE	SE	09	04N	65E	0.004	STK	0.00	3.22	LI	GEYSER RANCH, LLC	
	35952		10218	10-03-78	CER	SPR	NW	SE	16	04N	65E	0.004	STK	0.00	3.22	LI	GEYSER RANCH, LLC	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 95

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
35954			10220	10-03-78	CER	SPR	NW	SW	15	04N	65E	0.004	STK	0.00	3.22		LI	GEYSER RANCH, LLC
36179			10222	11-20-78	CER	SPR	NE	NE	18	05N	64E	0.008	STK	0.00	5.80		LI	GEYSER RANCH, LLC
36180			10223	11-20-78	CER	SPR	SE	SE	26	04N	65E	0.007	STK	0.00	4.85		LI	GEYSER RANCH, LLC
36183			10295	11-20-78	CER	SPR	SE	SW	23	05N	65E	0.002	STK	0.00	1.35		LI	STEWART, ROBERT
3875			724	04-10-16	CER	RES	NE	NE	03	03S	64E	0.010	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
3876			725	04-10-16	CER	RES	SW	SW	33	02S	64E	0.010	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
3878			726	04-10-16	CER	RES	NW	SE	32	01S	64E	0.000	STK	0.00	7.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS
4696			732	11-12-17	CER	SPR	SE	SE	31	04S	65E	0.003	STK	0.00	0.00		LI	CORP PRESIDING BISHOP CHURCH JC LDS 50% UDI
4697			733	11-12-17	CER	SPR	SW	SE	31	04S	65E	0.002	STK	0.00	0.00		LI	CORP OF THE PRES. BISHOP OF THE CHURCH OF JC LDS 50% UDI
4961			525	03-14-18	CER	SPR	NW	NE	23	01N	65E	0.003	STK	0.00	2.18		LI	HIGHBEE, FLORENCE S.
51776			13590	01-20-88	CER	SPR	NW	SE	22	01N	65E	0.006	STK	0.00	0.92		LI	HATCH, ROGER
5200			1924	08-12-18	CER	STR	SW	SE	26	04N	65E	0.063	STK	0.00	44.81		LI	WEST SIDE CATTLE COMPANY
52103			13775	05-18-88	CER	SPR	SW	NW	22	02S	63E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52104			13776	05-18-88	CER	SPR	SW	NE	21	03S	65E	0.001	STK	0.00	0.46		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52105			13777	05-18-88	CER	SPR	NW	SE	21	03S	65E	0.003	STK	0.00	2.18		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52106			13778	05-18-88	CER	SPR	NW	NE	28	03S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52107			13779	05-18-88	CER	SPR	NW	NW	16	04S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52108			13780	05-18-88	CER	SPR	SW	NW	29	04S	65E	0.013	STK	0.00	9.42		LI	CORP PRESIDING BISHOP CHURCH JC LDS
52109			13781	05-18-88	CER	SPR	SE	SE	25	04S	64E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
5356			526	01-16-19	CER	SPR	SE	NW	11	01N	65E	0.002	STK	0.00	0.15		LI	GOODMAN, R.F.
5371			1119	01-25-19	CER	RES	SW	NW	24	02S	64E	0.000	STK	0.00	10.00		LI	VIDLER WATER COMPANY
5936			854	01-05-20	CER	UG	SE	NW	14	05N	64E	0.025	STK	0.00	18.08		LI	ADAMS-MCGILL COMPANY
6094			1053	05-06-20	CER	SPR	NE	SE	33	02S	63E	0.009	STK	0.00	6.51		LI	CORP PRESIDING BISHOP CHURCH JC LDS
6619			835	01-27-22	CER	SPR	NE	SW	33	02S	66E	0.015	STK	0.00	10.74		LI	WILLIAMS, ALEX WARREN
6803			971	10-23-22	CER	SPR	NE	SW	22	01N	65E	0.002	STK	0.00	1.60		LI	FEDERAL LAND BANK OF BERKELEY
7117			1466	05-16-24	CER	SPR	NW	SW	13	02N	63E	0.002	STK	0.00	1.57		LI	ROBISON BROTHERS
7563			2209	11-04-25	CER	SPR	SE	NE	22	01N	63E	0.006	STK	0.00	2.61		LI	CLARK, DOUGLAS
7564			2210	11-04-25	CER	SPR	SE	NW	22	01N	63E	0.012	STK	0.00	4.85		LI	CLARK, DOUGLAS
780			566X	01-10-08	CER	SPR				01S	65E	0.916	STK	0.00	663.50		LI	CORP PRESIDING BISHOP CHURCH JC LDS

Number of Records: 95

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
80558				02-11-11	APP	UG	SE	NW	20	03N	64E	0.027	STK	0.00	0.00		LI	SNWA
80560				02-11-11	APP	UG	NW	SE	21	03N	65E	0.027	STK	0.00	0.00		LI	SNWA
80565				02-11-11	APP	SPR	NE	NE	18	05N	64E	0.010	STK	0.00	0.00		LI	SNWA
8670		8146		08-19-28	CER	SPR	NE	SE	03	06N	64E	0.010	STK	0.00	7.24		LI	GEYSER RANCH, LLC
8698		5705		09-17-28	CER	SPR	NE	SE	05	01S	65E	0.017	STK	0.00	12.06		LI	VIDLER WATER COMPANY
9618		2107		08-11-32	CER	OSW	NE	NW	11	03S	64E	0.009	STK	0.00	6.78		LI	CORP PRESIDING BISHOP CHURCH JC LDS
9660		2293		05-06-33	CER	SPR	SE	NE	04	03S	65E	0.001	STK	0.00	0.68		LI	VIDLER WATER COMPANY
R09410				03-23-04	RES	SPR	SE	SE	05	04N	65E	0.002	STK	0.00	0.00		LI	BLM
R09411				03-23-04	RES	SPR	NW	SE	30	04N	65E	0.002	STK	0.00	0.00		LI	BLM
V01027				03-10-11	VST	SPR	NW	NW	16	04N	65E	0.011	STK	0.00	7.95		LI	CORP PRESIDING BISHOP CHURCH JC LDS
V01134				09-30-12	VST	SPR	SW	NW	31	02N	66E	0.025	STK	0.00	3.93		LI	LYTTLE , EDWIN
V01135				09-30-12	VST	SPR	SE	NE	36	02N	65E	0.033	STK	0.00	2.79		LI	LYTTLE, EDWIN
V01250				06-08-13	VST	SPR	SE	SE	24	02N	65E	0.013	STK	0.00	1.38		LI	DELMUE, JOSEPH
V01265				11-17-13	VST	SPR		SW	28	01N	63E	0.050	STK	0.00	2.24		LI	ADAMS-MCGILL COMPANY
V01267				11-17-13	VST	SPR	NE	SW	21	01N	63E	0.100	STK	0.00	6.72		LI	ADAMS-MCGILL COMPANY
V01268				11-20-13	VST	SPR	SE	SW	13	02N	63E	0.013	STK	0.00	9.21		LI	ADAMS-MCGILL COMPANY
V01287				11-06-13	VST	SPR	NW	SW	15	04N	65E	0.013	STK	0.00	5.62		LI	GEYSER RANCH LIMITED PARTNERSHIP
V01288				02-24-14	VST	SPR	NW	SE	16	05N	65E	0.013	STK	0.00	0.00		LI	ADAMS-MCGILL COMPANY
V01289				02-24-14	VST	SPR	SW	SE	03	04N	65E	0.013	STK	0.00	5.62		LI	GEYSER RANCH, LLC
V01290				02-21-14	VST	SPR	SW	NW	15	05N	65E	0.100	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01294				02-21-14	VST	SPR	SW	SW	10	05N	65E	0.075	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01299				03-10-14	VST	SPR	NW	SW	29	04N	65E	0.013	STK	0.00	4.48		LI	GEYSER RANCH, LLC
V01300				03-10-14	VST	SPR	NW	SW	33	04N	65E	0.013	STK	0.00	0.00		LI	GEYSER RANCH, LLC
V01301				02-21-14	VST	SPR	NE	NE	18	05N	64E	0.038	STK	0.00	3.38		LI	ADAMS-MCGILL COMPANY
V01302				02-21-14	VST	SPR	NE	SE	33	04N	65E	0.125	STK	0.00	4.48		LI	ADAMS-MCGILL COMPANY
V01459				04-12-16	VST	SPR	SE	SW	33	02S	66E	0.125	STK	0.00	3.38		LI	WILLIAMS, ALEX WARREN
V01787				01-27-22	VST	SPR	NE	SW	33	02S	66E	0.025	STK	0.00	6.72		LI	MACKIE, ALEX J.
V02350				09-08-47	VST	SPR	NE	NE	03	04S	65E	0.017	STK	0.00	1.14		LI	CORP PRESIDING BISHOP CHURCH JC LDS
V02351				09-08-47	VST	SPR	SW	SE	14	04S	65E	0.017	STK	0.00	1.35		LI	CULVERWELL, CHAS.
V03839				02-01-82	VST	SPR	NW	SW	06	02N	65E	0.004	STK	0.00	2.03		LI	IMPERIAL FARMS LAND AND CATTLE CO.
V03840				02-01-82	VST	SPR	SW	SW	30	03N	65E	0.004	STK	0.00	2.03		LI	IMPERIAL FARMS LAND AND CATTLE CO.
V04697				09-16-88	VST	SPR	NW	NW	35	01N	65E	0.050	STK	0.00	12.31		LI	HATCH, ROGER
V06519				05-19-94	VST	SPR	NW	NW	35	01N	65E	0.050	STK	0.00	0.00		LI	VIDLER WATER COMAPNY

PRELIMINARY DATA  
SUBJECT TO REVISION

## **Appendix 15**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Mining and Milling”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion			Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC							
181	6718		1629	07-17-22	CER	UG	SW	32	01N	66E	MM	0.00	18.08	LI	COMET MINES CO.	

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 16**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Other”**

# Hydrographic Abstract

Number of Records: 2

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('OTH')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
181	R04778			02-08-89	RES	SPR	SE	NE	08	06S	65E	0.002	OTH	0.00	1.29		LI	BLM
	R05989			06-21-93	RES	SPR	SE	NW	10	04S	65E	0.000	OTH	0.00	0.21		LI	BLM

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 17**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Municipal/Quasi-Municipal”**

# Hydrographic Abstract

Number of Records: 4

Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('QM','MUN')

Basin Application	Change of Application	Cert	File date	App status	Source	Point of Diversion			Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name		
						QQ	Q	SEC								TWN	RNG
181 53989			10-17-89	RFP	UG	SE	SW	30	02S	64E	6.000	MUN	0.00	4344.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
53990			10-17-89	RFP	UG	NE	SE	08	02S	65E	10.000	MUN	0.00	7240.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
79262			01-28-10	RFP	UG	NE	SE	08	02S	65E	10.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
79278			01-28-10	RFP	UG	SE	SW	30	02S	64E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 18**

### **Hydrographic Abstract for All Active Applications within Dry Lake Valley with Manner of Use as “Irrigation”**

# Hydrographic Abstract

Number of Records: 10

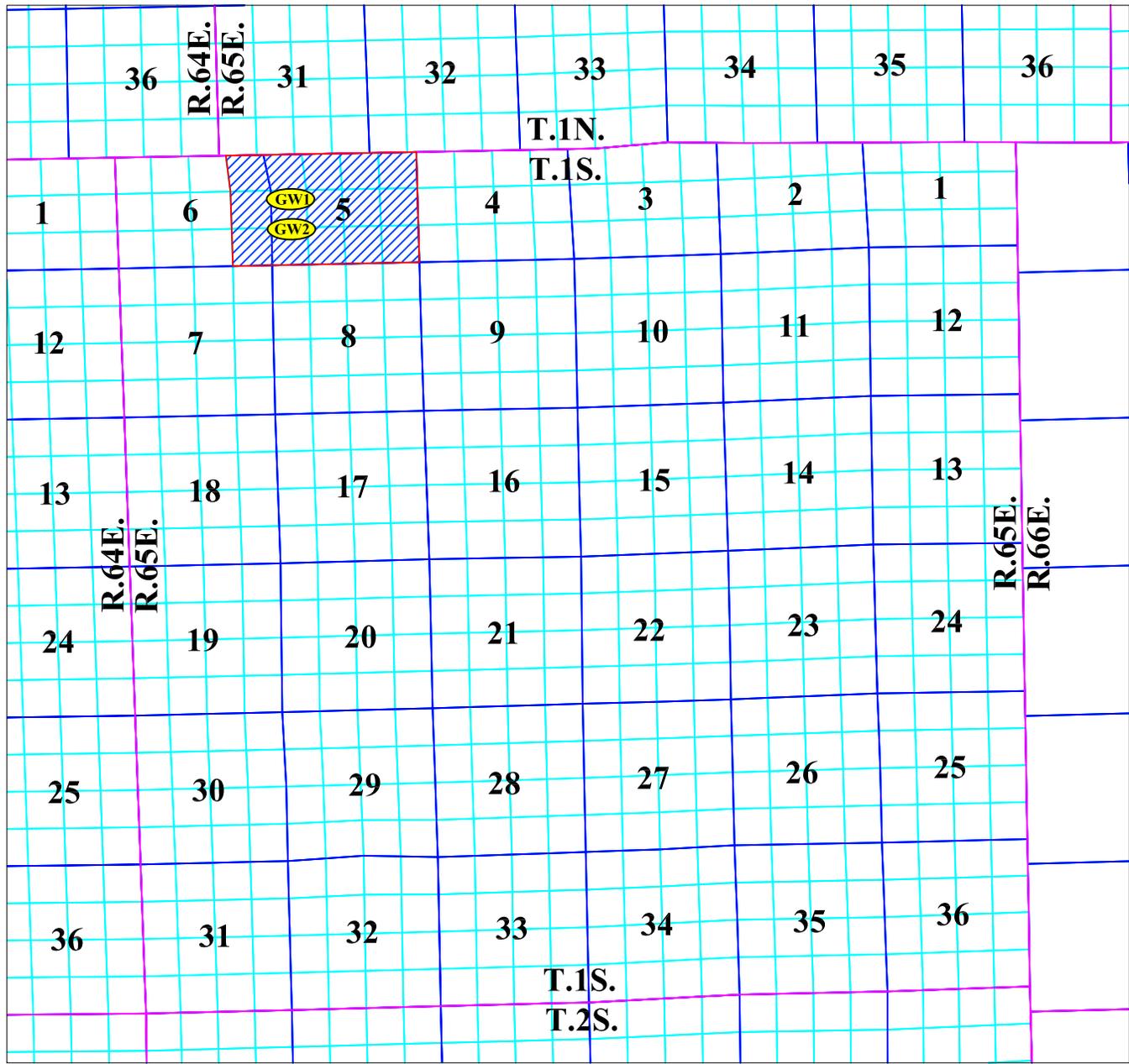
Selection Criteria: basin IN ('181') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
181	3368		1980	04-26-15	CER	SPR	SW	SE	25	04N	66E	0.030	IRR	0.00	11.00		LI	CYPHERS, ROBERT M.
	77722			12-29-08	PER	UG	SW	SE	05	01S	65E	1.500	IRR	0.00	504.50	Y	LI	LINCOLN COUNTY WATER DISTRICT
	77723			12-29-08	PER	UG		LT1	05	01S	65E	1.500	IRR	0.00	504.50	Y	LI	LINCOLN COUNTY WATER DISTRICT
	79362			01-29-10	RFP	UG	SW	SE	05	01S	65E	5.000	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	79363			01-29-10	RFP	UG		LT1	05	01S	65E	5.000	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	80648			03-04-11	APP	UG	NE	SE	05	01S	65E	1.500	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	80649			03-04-11	APP	UG	NE	SE	05	01S	65E	1.500	IRR	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	V01295			02-21-14	VST	SPR	SE	NE	32	05N	65E	0.250	IRR	0.00	60.00		LI	LLOYD, ARTHUR M. & LYNN LYTTLE
	V01296			02-24-14	VST	SPR	NE	NE	08	04N	65E	0.000	IRR	0.00	12.00		LI	GEYSER RANCH LIMITED PARTNERSHIP
	V01297			02-21-14	VST	SPR	SW	SE	30	04N	65E	0.000	IRR	0.00	1.60		LI	GEYSER RANCH LIMITED PARTNERSHIP

PRELIMINARY DATA  
SUBJECT TO REVISION

**Appendix 19**

**Map of Groundwater Place of Use Township 1  
South, Range 65 East MDBM**



# Index Key

**Ground Water**

ID NO	Application No.	Status
GW-1	77722	Permit
GW-2	77723	Permit

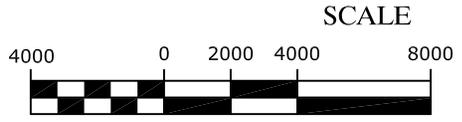
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use
- Ground Water Place of Use
- Ground Water Reference Label
- 14** Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

Applications 77722 and 77723 are currently listed as permits. Exact place of beneficial use within mapped area is undeterminable.



**Ground Water Places of Use  
Township 1 South, Range 65 East;  
Mount Diablo Baseline and Meridian**

**Appendix 20**

**NDWR ET Rates for Basin 181, Dry Lake Valley**

Choose by Basin or Station **All Basin Data** All Station Data

## Nevada Evapotranspiration Data by Hydrographic Basin and Weather

**181 DRY LAKE VALLEY**

**LAS VEGAS\***

### Basin 181 DRY LAKE VALLEY

Central Region; Reference ETos (ft): 4.9

	ET Actual (ft)	NIWR (ft)
ALFALFA (ft)	4.3	3.7
HIGHLY MANAGED PASTURE GRASS	4.1	3.5
LOW MANAGED PASTURE GRASS	3.3	2.7
GRASS HAY	3.8	3.3
TURF GRASS	4	3.5
SHALLOW OPEN WATER	5.1	4.3

**Appendix 21**

**NDWR Well Driller's Log Database–Basin 181**

# STATE OF NEVADA DIVISION OF WATER RESOURCES

## WELL DRILLER'S LOG - GENERAL REPORT

Selection Criteria: ha in ('181') order by ha											Total Records: 22 Run Date: 4/12/2011					
BASIN	LOG NO	CO	TWN	RNG	SEC	QTR	OWNER	DATE CMPLT	DRLRS LIC NO	TOTAL DEPTH	STATIC WATER LEVEL	CSNG DIAMS	ASSESSOR'S PARCEL NO	WORK TYPE	PROP USE	PERMIT / WAIVER NO
181	6894	LI	N03	E65	21		WESTSIDE CATTLE COMPANY	12/1/1962	30	120	17.00	8.00		N	S	
181	6895	LI	N03	E65	21		WESTSIDE CATTLE COMPANY	11/26/1962	30	80	16.00	6.00		S	S	
181	10702	LI	N03	E65	22		SIDEYS, CHARLEY	2/1/1966	451	240	3.00	14.00		N	I	23978
181	58091	LI	S04	E64	07	SW NE	SPENCER, WALLY	8/25/1995	811	1000	0.00	10.62		N	X	
181	58092	LI	S04	E64	07	SW NE	SPENCER, WALLY	9/14/1994	811	1000	0.00	10.62		N	X	
181	58093	LI	S04	E64	07	SW NE	SPENCER, WALLY	5/21/1995	811	908	0.00	10.00		N	X	
181	58094	LI	S04	E64	07	SW NE	SPENCER, WALLY	10/16/1996	811	1002	0.00	10.00		N	X	
181	65404	LI	S03	E64	27	SE SE	HARRIS, JOYCE	1/25/1965	418	832	0.00	0.00		N	I	22345
181	76860	LI	N05	E65	02	SE SE	HAWKINS, BUD	8/27/1999	1191	60	30.00	6.62	5-181-17	N	H	

181	2756	LI N04	E65 26	SW SE	WEST SIDE CATTLE CO	10/12/1954	30	80	50.40	6.00	N	S
181	64783	LI S03	E64 12	NE SW	U S AIR FORCE	4/20/1980	1169	1010	422.00	10.31	N	X 40433
181	80129	LI N05	E65 02	SE SE	BIRD, TERRY	6/4/2000	1191	62	16.00	6.50	N	H
181	95754	LI N02	E65 35	NE SW	BERNEY, RICK	1/30/2005	1191	138	62.00	6.50	N	H
181	12382	LI N05	E65 34	SW SE	WILLIAMS	5/26/1972	30	28	10.00	14.00	N	I
181	20730	LI S03	E64 12	NE SW	U S AIR FORCE	1/26/1980	1169	1300	383.00	2.00	N	X
181	39356	LI N03	E64 20	SE NW	GYSER RANCH LTD / KERRY HOLT	6/13/1992	1710	300	0.00	0.00	P	S 35773
181	39357	LI N03	E64 20	SE NW	GYSER RANCH LTD / KERRY HOLT	6/13/1992	1710	480	310.00	6.62	N	S 35773
181	112172	LI S01	E65 05	SW SE	VIDLER WATER COMPANY	1/25/2010	2349	1881	409.00	24.00	N	I 77722 R-630
181	23359	LI N04	E64 07	SW SE	U S AIR FORCE	9/29/1981	1210	1190	268.00	10.75	N	X 41734
181	65654	LI N05	E65 35	NE NW	WILLIAMS	7/21/1972	30	35	12.00	12.00	N	I
181	5511	LI N01	E64 24	NE NW	LYTLE HOLLINGER DELMUE	1/17/1959	30	515	398.00	5.00	N	S 18756
181	22450	LI N03	E63 27	NE SW	U S AIR FORCE	1/31/1981	961	2395	853.00	10.00	N	X

**Appendix 22**

**NDWR Hydrographic Abstract for  
All Active Applications within  
NDWR HA 182, Delamar Valley**

# Hydrographic Abstract

Number of Records: 67

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	10088		2622	02-10-37	CER	SPR	NE	NE	01	06S	62E	0.003	STK	0.00	2.24		LI	NEVADA ROCK AND SAND CORPORATION
	10189		2403	12-03-37	CER	SPR	NE	SE	03	05S	64E	0.025	STK	0.00	18.11		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10440		2720	11-15-39	CER	RES	SW	SE	20	07S	64E	0.003	STK	0.00	2.79		LI	LDS
	10551		2595	08-21-40	CER	OSW	NW	NE	24	04S	64E	0.003	STK	0.00	2.24		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10627		2615	02-21-41	CER	SPR	NE	NW	17	08S	64E	0.010	STK	0.00	7.41		LI	THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
	10629		2596	02-24-41	CER	SPR	SW	NW	20	06S	65E	0.006	STK	0.00	4.33		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10654		2633	04-28-41	CER	OSW	SW	NE	16	07S	63E	0.007	STK	0.00	5.00		LI	LDS
	10659		2637	05-10-41	CER	RES	NE	SE	17	07S	63E	0.000	STK	0.00	9.97		LI	LDS
	10736		2668	10-02-41	CER	RES	NW	NE	35	04S	63E	0.005	STK	0.00	3.99		LI	LDS
	10789		2722	03-04-42	CER	OSW	NE	SE	26	06S	63E	0.012	STK	0.00	8.96		LI	LDS
	11167		3073	09-14-44	CER	SPR	SE	SE	09	07S	64E	0.003	STK	0.00	2.18		LI	LDS
	11378		4047	10-01-45	CER	SPR	SE	NW	19	06S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	11525		3356	03-26-46	CER	SPR	SW	NW	17	08S	64E	0.003	STK	0.00	2.24		LI	CHURCH OF J. CHRIST LATTER DAY SAINT
	3271		1923	02-15-15	CER	SPR	NE	NE	01	06S	62E	0.012	STK	0.00	8.96		LI	PAGE, SID
	3475		427	06-30-15	CER	SPR	SW	SE	17	06S	65E	0.037	IRR	0.00	25.15		LI	LDS
	3879		1090	04-10-16	CER	SPR	SE	SE	30	03S	63E	0.009	STK	0.00	0.00		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	4462		3186	06-08-17	CER	RES	NE	NW	24	05S	63E	0.025	STK	0.00	18.01		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	4620		727	10-08-17	CER	SPR	SE	NE	33	06S	64E	0.001	STK	0.00	0.71		LI	GARDNER RANCH CO.
	4621		728	10-08-17	CER	SPR			02	05S	64E	0.003	STK	0.00	2.18		LI	DUFFIN JR., PRESS W.
	4622		729	10-08-17	CER	SPR				05S	63E	0.002	STK	0.00	0.55		LI	GARDNER RANCH COMPANY
	4632		704	10-13-17	CER	SPR	SW	SE	24	05S	62E	0.003	STK	0.00	2.12		LI	NEVADA ROCK AND SAND CORPORATION
	4693		730	11-12-17	CER	SPR	SW	SW	32	05S	65E	0.011	STK	0.00	7.98		LI	DUFFIN, MAINE R.
	4695		731	11-12-17	CER	SPR	SW	SW	32	05S	65E	0.011	STK	0.00	0.00		LI	GARDNER RANCH COMPANY
	4894			02-07-18	PER	SPR				05S	64E	0.025	DOM	0.00	0.00		LI	SAWYER, TILLIE B.
	4973		735	03-21-18	CER	SPR				05S	63E	0.002	STK	0.00	1.14		LI	GARDNER RANCH CO.
	51259		12369	09-02-87	CER	SPR	SW	SE	17	06S	65E	0.017	STK	0.00	7.15		LI	LDS

Number of Records: 67

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
	51260		12370	09-02-87	CER	SPR	SW	SE	17	06S	65E	0.017	STK	0.00	7.52		LI	LDS
	51261		12371	09-02-87	CER	UG	SE	SE	12	07S	64E	0.010	STK	0.00	7.24		LI	LDS
	52112		13782	05-18-88	CER	SPR	NW	SW	02	05S	64E	0.008	STK	0.00	5.80		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52113		14737	05-18-88	CER	SPR	SE	SE	06	05S	65E	0.008	STK	0.00	5.65		LI	H.H. LAND AND CATTLE COMPANY
	52114		14738	05-18-88	CER	SPR	NE	NE	18	05S	65E	0.003	STK	0.00	2.39		LI	LDS
	52115		14739	05-18-88	CER	SPR	SW	NE	20	05S	65E	0.002	STK	0.00	1.14		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	52118		14740	05-18-88	CER	SPR	NE	NW	17	06S	65E	0.001	STK	0.00	0.34		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	5301		736	10-25-18	CER	RES	SE	NE	16	05S	64E	0.014	STK	0.00	10.00		LI	DUFFIN, MAME R.
	5316		581	11-20-18	CER	RES	NW	NE	31	04S	64E	0.000	STK	0.00	15.68		LI	CARTER, DONA
	5318		582	11-20-18	CER	RES	SW	SE	26	04S	63E	0.010	STK	0.00	3.99		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	53991			10-17-89	RFP	UG	SE	NE	04	05S	63E	6.000	MUN	0.00	2493.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	53992			10-17-89	RFP	UG	NE	NE	15	06S	64E	10.000	MUN	0.00	2493.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	5782		1005	09-29-19	CER	SPR	NW	NE	07	05S	64E	0.012	STK	0.00	9.05		LI	DUFFINS, MAMIE R.
	5783		1006	09-29-19	CER	SPR	NW	NE	07	05S	64E	0.015	STK	0.00	10.86		LI	DUFFINS, MAMIE R.
	6576		1500	10-13-21	CER	RES	NW	SW	21	04S	63E	0.014	STK	0.00	4.97		LI	NEVADA ROCK AND SAND CORPORATION
	6885		1225	04-28-23	CER	RES	NW	SE	07	07S	63E	0.000	STK	0.00	9.97		LI	L D S
	6886		1226	04-28-23	CER	RES	SE	NE	33	07S	63E	0.000	STK	0.00	9.97		LI	LDS
	79263			01-28-10	RFP	UG	SE	NE	04	05S	63E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
	79264			01-28-10	RFP	UG	NE	NE	15	06S	64E	10.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
	79370			01-29-10	RFP	UG	NW	NE	26	06S	63E	5.000	IND	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	79371			01-29-10	RFP	UG	SE	NE	10	07S	63E	5.000	IND	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	9659		2109	05-12-33	CER	OSW	NW	NW	12	06S	63E	0.009	STK	0.00	5.98		LI	LDS
	9713		2423	11-25-33	CER	SPR	NE	SW	17	06S	65E	0.050	MM	0.00	25.00		LI	LDS
	R04339			05-03-85	RES	SPR	NW	SW	03	05S	64E	0.000	OTH	0.00	0.00		LI	BLM
	V01022A0			02-06-11	VST	SPR	SE	SE	36	05S	64E	0.000	STK	0.00	0.00		LI	LDS, PRESIDING BISHOP
	V01022A0			02-06-11	VST	SPR	SE	SE	36	06S	64E	0.000	STK	0.00	0.00		LI	LINCOLN LND & LVSTK
	V01022A0			02-06-11	VST	SPR	SW	SE	31	06S	65E	0.063	STK	0.00	0.00		LI	DUFFIN, PRESS W ET ALL
	V01022A0			02-06-11	VST	SPR	SW	SE	33	06S	65E	0.013	STK	0.00	0.00		LI	BALLOW, CARL
	V01022A0			02-06-11	VST	SPR	SE	SE	33	05S	65E	0.025	STK	0.00	0.00		LI	LDS, PRESIDING BISHOP
	V01022A0			02-06-11	VST	SPR	SE	SE	33	05S	65E	0.000	STK	0.00	0.00		LI	LDS, PRESIDING BISHOP
	V01399			07-03-15	VST	SPR	SE	SE	06	05S	65E	0.025	STK	0.00	0.00		LI	HENRIE, JAMES JR.
	V01400			07-12-15	VST	SPR	NE	SE	03	05S	64E	0.025	STK	0.00	0.00		LI	DUFFIN, MAMIE RYAN
	V01418			09-14-15	VST	SPR	SW	SW	34	05S	62E	0.025	STK	0.00	0.00		LI	HENRIE, JAMES
	V01419			09-02-15	VST	SPR	SW	NW	20	05S	65E	0.025	STK	0.00	0.00		LI	MACKIE, A.J.

Number of Records: 67

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V01420				09-14-15	VST	SPR	NW	SW	27	05S	62E	0.025	STK	0.00	0.00	LI	HENRIE, JAMES	
V01449				03-13-16	VST	SPR	SW	SW	25	03S	62E	0.100	STK	0.00	0.00	LI	NEVADA ROCK AND SAND CORPORATION	
V01520				10-08-17	VST	SPR	SE	SE	09	07S	64E	0.000	STK	0.00	0.00	LI	GARDNER RANCH CO	
V01550				03-21-18	VST	SPR	SE	SE	15	07S	64E	0.025	STK	0.00	0.12	LI	DUFFIN, MAMIE RYAN	
V01598				10-25-18	VST	SPR	SE	SW	01	06S	64E	0.025	STK	0.00	0.00	LI	LINCOLN LAND AND LIVESTOCK CO.	
V01654				11-29-19	VST	SPR	SW	SE	36	04S	63E	0.025	STK	0.00	0.68	LI	DUFFIN, MAME R.	
V01822				07-10-23	VST	SPR	NE	SW	17	06S	65E	0.050	STK	0.00	1.69	LI	HORN, C.A.	

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 23**

**NDWR HA 182, Delamar Valley,  
Spreadsheet of Water Rights**

Delamar Valley Basin 182 Spreadsheet of Water Rights (Current as of April 1, 2011)

App	Cert	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
3271	1923	3271-App Map	N/A Stock	CER	SPR	STK	PACE, SID
3475	427	3475-App Map	App Map	CER	SPR	IRR	LDS
3879	1090	3879-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
4462	3186	4462-App Map	N/A Stock	CER	RES	STK	CORP PRESIDING BISHOP CHURCH JC LDS
4620	727	4620-App Map	N/A Stock	CER	SPR	STK	GARDNER RANCH CO.
4621	728	4621-App Map	N/A Stock	CER	SPR	STK	DUFFIN JR., PRESS W.
4622	729	4622-App Map	N/A Stock	CER	SPR	STK	GARDNER RANCH COMPANY
4632	704	4632-App Map	N/A Stock	CER	SPR	STK	NEVADA ROCK AND SAND CORPORATION
4693	730	4693-App Map	N/A Stock	CER	SPR	STK	DUFFIN, MAINE R.
4695	731	4695-App Map	N/A Stock	CER	SPR	STK	GARDNER RANCH COMPANY
4894	N/A Permit	4894-App Map	N/A Dom	PER	SPR	DOM	SAWYER, TILLIE B.
4973	735	4973-App Map	N/A Stock	CER	SPR	STK	GARDNER RANCH CO.
5301	736	5301-App Map	N/A Stock	CER	RES	STK	DUFFIN, MAME R.
5316	581	5316-App Map	N/A Stock	CER	RES	STK	CARTER, DONA
5318	582	5318-App Map	N/A Stock	CER	RES	STK	CORP PRESIDING BISHOP CHURCH JC LDS
5782	1005	5782-App Map	N/A Stock	CER	SPR	STK	DUFFINS, MAMIE R.
5783	1006	5783-App Map	N/A Stock	CER	SPR	STK	DUFFINS, MAMIE R.
6576	1500	6576-App Map	N/A Stock	CER	RES	STK	NEVADA ROCK AND SAND CORPORATION
6885	1225	6885-App Map	N/A Stock	CER	RES	STK	L D S
6886	1226	6886-App Map	N/A Stock	CER	RES	STK	LDS
9659	2109	9659-App Map	N/A Stock	CER	OSW	STK	LDS
9713	2423	9713-App Map	N/A MM	CER	SPR	MM	LDS
10088	2622	10088-App Map	N/A Stock	CER	SPR	STK	NEVADA ROCK AND SAND CORPORATION
10189	2403	10189-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
10440	2720	10440-App Map	N/A Stock	CER	RES	STK	LDS
10551	2595	10551-App Map	N/A Stock	CER	OSW	STK	CORP PRESIDING BISHOP CHURCH JC LDS
10627	2615	10627-App Map	N/A Stock	CER	SPR	STK	THE CHURCH OF JESUS CHRIST OF LATTER
10629	2596	10629-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
10654	2633	10654-App Map	N/A Stock	CER	OSW	STK	LDS
10659	2637	10659-App Map	N/A Stock	CER	RES	STK	LDS
10736	2668	10736-App Map	N/A Stock	CER	RES	STK	LDS
10789	2722	10789-App Map	N/A Stock	CER	OSW	STK	LDS
11167	3073	11167-App Map	N/A Stock	CER	SPR	STK	LDS
11378	4047	11378-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
11525	3356	11525-App Map	N/A Stock	CER	SPR	STK	CHURCH OF J. CHRIST LATTER DAY SAINT
51259	12369	51259-App Map	N/A Stock	CER	SPR	STK	LDS
51260	12370	51260-App Map	N/A Stock	CER	SPR	STK	LDS
51261	12371	51261-App Map	N/A Stock	CER	UG	STK	LDS
52112	13782	52112-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52113	14737	52113-App Map	N/A Stock	CER	SPR	STK	H.H. LAND AND CATTLE COMPANY
52114	14738	52114-App Map	N/A Stock	CER	SPR	STK	LDS
52115	14739	52115-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS
52118	14740	52118-App Map	N/A Stock	CER	SPR	STK	CORP PRESIDING BISHOP CHURCH JC LDS

Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA  
 Green Font = Water Rights [Permits / Certificates] with Priority Date Post October 17, 1989

Delamar Valley Basin 182 Spreadsheet of Water Rights (Current as of April 1, 2011)

App	Cert	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
53991	N/A RFP	53991-App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
53992	N/A RFP	53992-App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79263	N/A RFP	79263-App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79264	N/A RFP	79264-App Map	N/A Mun	RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79370	N/A RFP	79370-App Map	N/A Ind	RFP	UG	IND	LINCOLN COUNTY WATER DISTRICT
79371	N/A RFP	79371-App Map	N/A Ind	RFP	UG	IND	LINCOLN COUNTY WATER DISTRICT
R04339	N/A Res	N/A	N/A Other	RES	SPR	OTH	BLM
V01022A01	N/A Vested	N/A	N/A Stock	VST	SPR	STK	LDS, PRESIDING BISHOP
V01022A02	N/A Vested	N/A	N/A Stock	VST	SPR	STK	LINCOLN LND & LVSTK
V01022A03	N/A Vested	N/A	N/A Stock	VST	SPR	STK	DUFFIN, PRESS W ET ALL
V01022A04	N/A Vested	N/A	N/A Stock	VST	SPR	STK	BALLOW, CARL
V01022A05	N/A Vested	N/A	N/A Stock	VST	SPR	STK	LDS, PRESIDING BISHOP
V01022A06	N/A Vested	N/A	N/A Stock	VST	SPR	STK	LDS, PRESIDING BISHOP
V01399	N/A Vested	V01399-App Map	N/A Stock	VST	SPR	STK	HENRIE, JAMES JR.
V01400	N/A Vested	V01400-App Map	N/A Stock	VST	SPR	STK	DUFFIN, MAMIE RYAN
V01418	N/A Vested	N/A	N/A Stock	VST	SPR	STK	HENRIE, JAMES
V01419	N/A Vested	V01419-App Map	N/A Stock	VST	SPR	STK	MACKIE, A.J.
V01420	N/A Vested	V01420-App Map	N/A Stock	VST	SPR	STK	HENRIE, JAMES
V01449	N/A Vested	V01449-App Map	N/A Stock	VST	SPR	STK	NEVADA ROCK AND SAND CORPORATION
V01520	N/A Vested	V01520-App Map	N/A Stock	VST	SPR	STK	GARDNER RANCH CO
V01550	N/A Vested	N/A	N/A Stock	VST	SPR	STK	DUFFIN, MAMIE RYAN
V01598	N/A Vested	N/A	N/A Stock	VST	SPR	STK	LINCOLN LAND AND LIVESTOCK CO.
V01654	N/A Vested	N/A	N/A Stock	VST	SPR	STK	DUFFIN, MAME R.
V01822	N/A Vested	N/A	N/A Stock	VST	SPR	STK	HORN, C. A.

Red Font - SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA  
 Green Font = Water Rights [Permits / Certificates] with Priority Date Post October 17, 1989

## **Appendix 24**

### **NDWR Hydrographic Area Summary for Delamar Valley**

# HYDROGRAPHIC AREA SUMMARY

Hydrographic Area No. **182** Hydrographic Area Name **DELAMAR VALLEY**

Subarea Name

Hydrographic Region No. **10** Hydrographic Region Name **CENTRAL**

Area (sq. mi.) **383**

Counties within the hydrographic area **Lincoln**

Nearest Communities to Hydrographic Area **Caliente, Hiko**

Designated (Y/N, Order No.) **N** For All or Portion of Basin

Preferred Use **None** For All or Portion of Basin

State Engineer's Orders:  (Click search icons to find all designation orders or rulings for this basin) For All or Portion of Basin

State Engineer's Rulings  For All or Portion of Basin

Pumpage Inventory Status **None** Crop Inventory Status **None**

Water Level Measurement? **None**

Yield Values

Perennial Yield (AFY) **2550**

System Yield (AFY)

Yield Reference(s) **State Engineer Ruling 5875**

Yield Remarks

Source of Committed Data:	<b>NDWR Database</b>	Supplementally Adjusted?	<b>Y</b>
Manner Of Use		Underground	Geothermal

<i>Commercial</i>	<b>0.00</b>	<b>0.00</b>
<i>Construction</i>	<b>0.00</b>	<b>0.00</b>
<i>Domestic</i>	<b>0.00</b>	<b>0.00</b>
<i>Environmental</i>	<b>0.00</b>	<b>0.00</b>
<i>Industrial</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (Carey Act)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation (DLE)</i>	<b>0.00</b>	<b>0.00</b>
<i>Irrigation</i>	<b>0.00</b>	<b>0.00</b>
<i>Mining and Milling</i>	<b>0.00</b>	<b>0.00</b>
<i>Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Power</i>	<b>0.00</b>	<b>0.00</b>
<i>Quasi-Municipal</i>	<b>0.00</b>	<b>0.00</b>
<i>Recreation</i>	<b>0.00</b>	<b>0.00</b>
<i>Stockwater</i>	<b>7.24</b>	<b>0.00</b>
<i>Storage</i>	<b>0.00</b>	<b>0.00</b>
<i>Wildlife</i>	<b>0.00</b>	<b>0.00</b>
<i>Other</i>	<b>0.00</b>	<b>0.00</b>

---

<i>Totals</i>	<b>7.24</b>	<b>0.00</b>
---------------	-------------	-------------

Related Reports

<i>USGS Reconnaissance</i>	<b>16</b>	<i>USGS Bulletin</i>	<b>33</b>
----------------------------	-----------	----------------------	-----------

*Other References*

*Comments*

**Appendix 25**

**Hydrographic Abstract for All Active Applications  
within Delamar Valley with  
Manner of Use as “Stockwater”**

# Hydrographic Abstract

Number of Records: 57

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	10088		2622	02-10-37	CER	SPR	NE	NE	01	06S	62E	0.003	STK	0.00	2.24		LI	NEVADA ROCK AND SAND CORPORATION
	10189		2403	12-03-37	CER	SPR	NE	SE	03	05S	64E	0.025	STK	0.00	18.11		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10440		2720	11-15-39	CER	RES	SW	SE	20	07S	64E	0.003	STK	0.00	2.79		LI	LDS
	10551		2595	08-21-40	CER	OSW	NW	NE	24	04S	64E	0.003	STK	0.00	2.24		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10627		2615	02-21-41	CER	SPR	NE	NW	17	08S	64E	0.010	STK	0.00	7.41		LI	THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
	10629		2596	02-24-41	CER	SPR	SW	NW	20	06S	65E	0.006	STK	0.00	4.33		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	10654		2633	04-28-41	CER	OSW	SW	NE	16	07S	63E	0.007	STK	0.00	5.00		LI	LDS
	10659		2637	05-10-41	CER	RES	NE	SE	17	07S	63E	0.000	STK	0.00	9.97		LI	LDS
	10736		2668	10-02-41	CER	RES	NW	NE	35	04S	63E	0.005	STK	0.00	3.99		LI	LDS
	10789		2722	03-04-42	CER	OSW	NE	SE	26	06S	63E	0.012	STK	0.00	8.96		LI	LDS
	11167		3073	09-14-44	CER	SPR	SE	SE	09	07S	64E	0.003	STK	0.00	2.18		LI	LDS
	11378		4047	10-01-45	CER	SPR	SE	NW	19	06S	65E	0.002	STK	0.00	1.44		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	11525		3356	03-26-46	CER	SPR	SW	NW	17	08S	64E	0.003	STK	0.00	2.24		LI	CHURCH OF J. CHRIST LATTER DAY SAINT
	3271		1923	02-15-15	CER	SPR	NE	NE	01	06S	62E	0.012	STK	0.00	8.96		LI	PAGE, SID
	3879		1090	04-10-16	CER	SPR	SE	SE	30	03S	63E	0.009	STK	0.00	0.00		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	4462		3186	06-08-17	CER	RES	NE	NW	24	05S	63E	0.025	STK	0.00	18.01		LI	CORP PRESIDING BISHOP CHURCH JC LDS
	4620		727	10-08-17	CER	SPR	SE	NE	33	06S	64E	0.001	STK	0.00	0.71		LI	GARDNER RANCH CO.
	4621		728	10-08-17	CER	SPR			02	05S	64E	0.003	STK	0.00	2.18		LI	DUFFIN JR., PRESS W.
	4622		729	10-08-17	CER	SPR				05S	63E	0.002	STK	0.00	0.55		LI	GARDNER RANCH COMPANY
	4632		704	10-13-17	CER	SPR	SW	SE	24	05S	62E	0.003	STK	0.00	2.12		LI	NEVADA ROCK AND SAND CORPORATION
	4693		730	11-12-17	CER	SPR	SW	SW	32	05S	65E	0.011	STK	0.00	7.98		LI	DUFFIN, MAINE R.
	4695		731	11-12-17	CER	SPR	SW	SW	32	05S	65E	0.011	STK	0.00	0.00		LI	GARDNER RANCH COMPANY
	4973		735	03-21-18	CER	SPR				05S	63E	0.002	STK	0.00	1.14		LI	GARDNER RANCH CO.
	51259		12369	09-02-87	CER	SPR	SW	SE	17	06S	65E	0.017	STK	0.00	7.15		LI	LDS
	51260		12370	09-02-87	CER	SPR	SW	SE	17	06S	65E	0.017	STK	0.00	7.52		LI	LDS
	51261		12371	09-02-87	CER	UG	SE	SE	12	07S	64E	0.010	STK	0.00	7.24		LI	LDS

Number of Records: 57

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
52112			13782	05-18-88	CER	SPR	NW	SW	02	05S	64E	0.008	STK	0.00	5.80	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
52113			14737	05-18-88	CER	SPR	SE	SE	06	05S	65E	0.008	STK	0.00	5.65	LI	H.H. LAND AND CATTLE COMPANY	
52114			14738	05-18-88	CER	SPR	NE	NE	18	05S	65E	0.003	STK	0.00	2.39	LI	LDS	
52115			14739	05-18-88	CER	SPR	SW	NE	20	05S	65E	0.002	STK	0.00	1.14	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
52118			14740	05-18-88	CER	SPR	NE	NW	17	06S	65E	0.001	STK	0.00	0.34	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
5301			736	10-25-18	CER	RES	SE	NE	16	05S	64E	0.014	STK	0.00	10.00	LI	DUFFIN, MAME R.	
5316			581	11-20-18	CER	RES	NW	NE	31	04S	64E	0.000	STK	0.00	15.68	LI	CARTER, DONA	
5318			582	11-20-18	CER	RES	SW	SE	26	04S	63E	0.010	STK	0.00	3.99	LI	CORP PRESIDING BISHOP CHURCH JC LDS	
5782			1005	09-29-19	CER	SPR	NW	NE	07	05S	64E	0.012	STK	0.00	9.05	LI	DUFFINS, MAMIE R.	
5783			1006	09-29-19	CER	SPR	NW	NE	07	05S	64E	0.015	STK	0.00	10.86	LI	DUFFINS, MAMIE R.	
6576			1500	10-13-21	CER	RES	NW	SW	21	04S	63E	0.014	STK	0.00	4.97	LI	NEVADA ROCK AND SAND CORPORATION	
6885			1225	04-28-23	CER	RES	NW	SE	07	07S	63E	0.000	STK	0.00	9.97	LI	L D S	
6886			1226	04-28-23	CER	RES	SE	NE	33	07S	63E	0.000	STK	0.00	9.97	LI	LDS	
9659			2109	05-12-33	CER	OSW	NW	NW	12	06S	63E	0.009	STK	0.00	5.98	LI	LDS	
V01022A0				02-06-11	VST	SPR	SE	SE	36	05S	64E	0.000	STK	0.00	0.00	LI	LDS, PRESIDING BISHOP	
V01022A0				02-06-11	VST	SPR	SE	SE	36	06S	64E	0.000	STK	0.00	0.00	LI	LINCOLN LND & LVSTK	
V01022A0				02-06-11	VST	SPR	SW	SE	31	06S	65E	0.063	STK	0.00	0.00	LI	DUFFIN, PRESS W ET ALL	
V01022A0				02-06-11	VST	SPR	SW	SE	33	06S	65E	0.013	STK	0.00	0.00	LI	BALLOW, CARL	
V01022A0				02-06-11	VST	SPR	SE	SE	33	05S	65E	0.025	STK	0.00	0.00	LI	LDS, PRESIDING BISHOP	
V01022A0				02-06-11	VST	SPR						0.000	STK	0.00	0.00	LI	LDS, PRESIDING BISHOP	
V01399				07-03-15	VST	SPR	SE	SE	06	05S	65E	0.025	STK	0.00	0.00	LI	HENRIE, JAMES JR.	
V01400				07-12-15	VST	SPR	NE	SE	03	05S	64E	0.025	STK	0.00	0.00	LI	DUFFIN, MAMIE RYAN	
V01418				09-14-15	VST	SPR	SW	SW	34	05S	62E	0.025	STK	0.00	0.00	LI	HENRIE, JAMES	
V01419				09-02-15	VST	SPR	SW	NW	20	05S	65E	0.025	STK	0.00	0.00	LI	MACKIE, A.J.	
V01420				09-14-15	VST	SPR	NW	SW	27	05S	62E	0.025	STK	0.00	0.00	LI	HENRIE, JAMES	
V01449				03-13-16	VST	SPR	SW	SW	25	03S	62E	0.100	STK	0.00	0.00	LI	NEVADA ROCK AND SAND CORPORATION	
V01520				10-08-17	VST	SPR	SE	SE	09	07S	64E	0.000	STK	0.00	0.00	LI	GARDNER RANCH CO	
V01550				03-21-18	VST	SPR	SE	SE	15	07S	64E	0.025	STK	0.00	0.12	LI	DUFFIN, MAMIE RYAN	
V01598				10-25-18	VST	SPR	SE	SW	01	06S	64E	0.025	STK	0.00	0.00	LI	LINCOLN LAND AND LIVESTOCK CO.	
V01654				11-29-19	VST	SPR	SW	SE	36	04S	63E	0.025	STK	0.00	0.68	LI	DUFFIN, MAME R.	
V01822				07-10-23	VST	SPR	NE	SW	17	06S	65E	0.050	STK	0.00	1.69	LI	HORN, C.A.	

## **Appendix 26**

### **Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Domestic”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('DOM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	4894			02-07-18	PER	SPR			05S	64E	0.025	DOM	0.00	0.00		LI	SAWYER, TILLIE B.	

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 27**

**Hydrographic Abstract for All Active Applications  
within Delamar Valley with  
Manner of Use as “Mining and Milling”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	9713		2423	11-25-33	CER	SPR	NE	SW	17	06S	65E	0.050	MM	0.00	25.00		LI	LDS

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 28**

### **Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Industrial”**

# Hydrographic Abstract

Number of Records: 2

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('IND')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	79370			01-29-10	RFP	UG	NW	NE	26	06S	63E	5.000	IND	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT
	79371			01-29-10	RFP	UG	SE	NE	10	07S	63E	5.000	IND	0.00	0.00		LI	LINCOLN COUNTY WATER DISTRICT

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 29**

### **Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Other”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('OTH')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	R04339			05-03-85	RES	SPR	NW	SW	03	05S	64E	0.000	OTH	0.00	0.00		LI	BLM

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 30**

### **Hydrographic Abstract for All Active Applications within Delamar Valley with Manner of Use as “Municipal/Quasi-Municipal”**

# Hydrographic Abstract

Number of Records: 4

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('MUN','QM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	53991			10-17-89	RFP	UG	SE	NE	04	05S	63E	6.000	MUN	0.00	2493.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	53992			10-17-89	RFP	UG	NE	NE	15	06S	64E	10.000	MUN	0.00	2493.00	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	79263			01-28-10	RFP	UG	SE	NE	04	05S	63E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
	79264			01-28-10	RFP	UG	NE	NE	15	06S	64E	10.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 31**

**Hydrographic Abstract for All Active Applications  
within Delamar Valley with  
Manner of Use as “Irrigation”**

# Hydrographic Abstract

Number of Records: 1

Selection Criteria: basin IN ('182') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
182	3475		427	06-30-15	CER	SPR	SW	SE	17	06S	65E	0.037	IRR	0.00	25.15		LI	LDS

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 32**

**NDWR Well Driller's Log Database–Basin 182**

# STATE OF NEVADA DIVISION OF WATER RESOURCES

## WELL DRILLER'S LOG - GENERAL REPORT

Total Records: 12  
Run Date: 4/12/2011

Selection Criteria: ha in ('182') order by ha

BASIN	LOG NO	CO	TWN	RNG	SEC	QTR SEC	OWNER	DATE CMPLT	DRLRS LIC NO	TOTAL DEPTH	STATIC WATER LEVEL	CSNG DIAMS	ASSESSOR'S PARCEL NO	WORK TYPE	PROP USE	PERMIT / WAIVER NO
182	9253	LI	S07	E64	19		GULF OIL CORP	4/16/1966	416	265	220.00	6.00		N	Z	
182	9279	LI	S04	E63	24	SE SW	HARRISON, BERTHA E	11/17/1966	30	65	0.00	0.00		N	I	22858
182	9454	LI	S07	E64	12	SE SE	STEWART, C D	4/20/1964	192	90	63.00	8.62		N	S	22073
182	9636	LI	S04	E63	24	SE SW	HARRISON, BERTHA E	7/29/1967	30	360	0.00	0.00		D	I	22858
182	21066	LI	S06	E63	12		U S AIR FORCE	5/10/1980	1168	1215	865.00	22.00		N	K	50905
182	21067	LI	S06	E63	12		U S AIR FORCE	2/24/1980	1168	1010	871.00	2.00		N	X	
182	31024	LI	S06	E65	29	SW SW	ANDER, DON	9/2/1988	1191	100	6.00	8.62		N	H	
182	57902	LI	S04	E64	07	SW NE	SPENCER, WALLY	7/10/1994	811	560	0.00	10.00		N	X	
182	64745	LI	S04	E63	23	SE SE	HARRISON, EDNA M	11/19/1966	30	61	0.00	0.00		N	I	22859
182	65544	LI	S07	E64	00		STEWART, C D	12/7/1963	410	700	0.00	0.00		N	Z	

182	65545	LI	S07	E64	00		STEWART, C D	12/23/1963	410	300	0.00	0.00		N	Z	
182	97378	LI	S07	E63	18	NE NE	SNWA	7/11/2005	2057	1345	815.00	12.00		N	G	R-1260

**Appendix 33**

**Hydrographic Abstract for  
All Active Applications within  
NDWR 184, Spring Valley**

# Hydrographic Abstract

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	10487		5042	04-08-40	CER	STR	NE	NE	02	16N	67E	2.873	IRR	0.00	1149.20	WP	COPR. OF CHURCH OF LATTER-DAY SAINTS	
	10510		2607	05-20-40	CER	SPR	NW	NW	25	07N	68E	0.019	STK	0.00	9.91	LI	FRANCIS, DAVID	
	1052		244	07-13-08	CER	STR		NW	23	13N	67E	0.200	IRR	0.00	80.00	WP	BAAL, JOHN MICHAEL JR.	
	10703		8088	07-28-41	CER	STR	SE	NE	23	15N	66E	4.000	IRR	0.00	256.76	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10710		4011	07-31-41	CER	STR	NE	NW	02	17N	66E	3.100	IRR	0.00	1240.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10766		3182	12-29-41	CER	STR	SE	SE	22	19N	66E	3.000	IRR	0.00	1210.20	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10801		5202	04-01-42	CER	STR	SE	NW	28	17N	67E	6.000	IRR	0.00	277.17	WP	MORIAH RANCHES INC	
	10843		4870	06-22-42	CER	STR	NE	SW	31	19N	67E	0.311	IRR	0.00	65.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10914			01-09-43	RFA	STR	SW	SE	15	20N	66E	1.000	IRR	0.00	640.00	WP	GEORGE ELDRIDGE & SON, INC.	
	10921		3375	02-03-43	CER	SPR	SE	SE	23	17N	67E	0.790	IRR	0.00	570.73	WP	GEORGE ELDRIDGE & SON, INC.	
	10993		3376	09-01-43	CER	SPR	NW	SE	24	17N	67E	0.600	IRR	0.00	433.62	WP	GEORGE ELDRIDGE & SON, INC.	
	11311		3125	06-09-45	CER	UG	SW	SE	19	23N	66E	0.017	STK	0.00	7.06	WP	INTERMOUNTAIN RANCHES. LTD	
	11313		3126	06-16-45	CER	SPR	SE	NE	02	22N	65E	0.017	STK	0.00	7.58	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	11314		3138	06-16-45	CER	UG	SW	SW	05	22N	66E	0.016	STK	0.00	6.54	WP	INTERMOUNTAIN RANCHES, LTD	
	11354		3127	08-11-45	CER	UG	NE	NE	10	20N	67E	0.040	STK	0.00	26.42	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	11355		3075	08-11-45	CER	UG	SE	SE	07	23N	66E	0.004	STK	0.00	2.88	WP	HENRIOD, EUGENE A.	
	1159		134	10-28-08	CER	STR	SE	SE	32	17N	67E	2.090	IRR	0.00	758.44	WP	GEORGE ELDRIDGE & SON, INC.	
	12467		3702	05-27-48	CER	UG	NE	SE	12	11N	67E	0.100	MM	0.00	72.36	WP	MINERVA SCHEELITE	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.100						MINING CO.	
	12571		4946	08-09-48	CER	SPR	SW	NE	21	15N	68E	0.334	IRR	0.00	65.00	WP	DAVID J. ELDRIDGE	
	13457		4236	07-31-50	CER	STR	SE	SE	15	18N	66E	3.440	IRR	0.00	613.90	WP	GEORGE ELDRIDGE & SON, INC.	
	13652		4159	03-05-51	CER	SPR	NW	NW	21	15N	68E	0.030	IRR	0.00	8.00	WP	BERGER, ALFRED R.	
	1520		107	11-15-09	CER	STR	SW	SW	33	21N	66E	0.080	IRR	0.00	32.00	WP	OLSEN, CASTEN	
	15812		4808	09-27-54	CER	STR	NW	NE	13	13N	67E	1.593	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	1616		109	02-18-10	CER	SPR	NW	NW	26	19N	68E	0.006	STK	0.00	4.36	WP	KEEGAN, C J	
	16890		4672	03-29-56	CER	UG	SW	NE	05	13N	66E	0.100	QM	0.00	72.36	WP	PIERCE, L.L.	
	17017		4673	08-20-56	CER	STR		LT0	06	13N	68E	0.318	IRR	0.00	97.00	WP	BAAL, JOHN MICHAEL JR.	
	17163		4810	01-28-57	CER	STR	NW	NE	22	13N	67E	1.600	IRR	0.00	320.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	1724		184	06-15-10	CER	SPR	SE	NW	15	17N	68E	0.010	STK	0.00	7.21	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
	17723			11-21-58	RFA	STR	NW	NE	10	18N	66E	10.000	IRR	0.00	7360.00	WP	ELDRIDGE, GEORGE H.	
	18043		5490	06-08-59	CER	UG	SW	SW	31	12N	67E	0.006	STK	0.00	4.48	WP	CL CATTLE COMPANY LLC	
	18044		5672	06-08-59	CER	UG	NW	NW	06	11N	67E	0.006	STK	0.00	4.48	WP	CL CATTLE COMPANY LLC	
	18045		5491	06-08-59	CER	UG	NW	SE	35	11N	66E	0.010	STK	0.00	8.96	WP	CL CATTLE COMPANY LLC	
	18183		5649	08-03-59	CER	SPR	NE	NW	25	14N	67E	0.500	MM	0.00	241.98	WP	HUNTINGTON, GLEN	
	18524		6138	01-18-60	CER	UG	NE	NE	26	12N	67E	1.002	IRD	0.00	21.15	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18525		6992	01-18-60	CER	UG	SE	SW	24	12N	67E	2.120	IRD	0.00	57.84	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	18828		5492	05-11-60	CER	UG	NE	NW	13	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18829		5493	05-11-60	CER	UG	SE	NW	24	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18830		5494	05-11-60	CER	UG	NE	NW	27	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18841		5673	05-13-60	CER	UG	NW	SE	20	15N	67E	0.011	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	18842		5674	05-13-60	CER	UG	NW	NE	32	15N	67E	0.013	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	18843		5675	05-13-60	CER	UG	SW	NE	29	15N	67E	0.013	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	1900		117	12-07-10	CER	SPR	SW	SE	02	17N	68E	0.025	STK	0.00	1.53	WP	GEORGE ELDRIDGE & SON, INC.	
	1901		118	12-07-10	CER	SPR	NE	NE	22	18N	68E	0.025	STK	0.00	1.53	WP	GEORGE ELDRIDGE & SON, INC.	
	19076			07-29-60	RFP	STR	SW	NE	10	18N	66E	7.000	IRR	0.00	3840.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	1922		179	01-02-11	CER	SPR	SW	NE	21	15N	68E	0.200	IRR	0.00	60.00	WP	FARREL, FRANKLIN JR.	
	19435		7800	01-10-61	CER	RES	NW	SW	24	20N	66E	0.000	IRR	0.00	54.00	WP	ELDRIDGE, DELBERT D.	
	19436		7805	01-10-61	CER	RES	NE	SE	13	20N	66E	0.000	IRR	0.00	25.00	WP	ELDRIDGE, DELBERT D.	
	19654		6449	03-09-61	CER	UG	SE	SE	31	13N	67E	2.450	IRD	0.00	575.83	WP	SOUTHERN NEVADA	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											2.450						WATER AUTHORITY	
2005			406	04-12-11	CER	STR	NW	NW	32	13N	68E	0.800	IRR	0.00	320.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
20817			6777	10-29-62	CER	UG	NE	NE	21	13N	67E	3.500	IRD	0.00	640.00	Y	WP SOUTHERN NEVADA WATER AUTHORITY	
20895			7560	12-13-62	CER	STR	SW	SE	25	19N	66E	3.000	IRR	0.00	554.32	WP	SOUTHERN NEVADA WATER AUTHORITY	
2108			29	06-16-11	CER	SPR	NE	SW	29	14N	68E	0.025	STK	0.00	2.98	WP	PRODUCTION CREDIT CORPORATION	
21220			6505	12-13-63	CER	STR	SW	NE	15	17N	66E	4.000	IRR	0.00	721.00	WP	ANDRAE, ARTHUR J.	
21687			6506	12-13-63	CER	STR	SW	NE	15	17N	66E	3.500	IRR	0.00	1540.00	WP	ANDRAE, ARTHUR J.	
21688			6507	12-13-63	CER	STR	NW	NW	23	17N	66E	4.000	IRR	0.00	1540.00	WP	ANDRAE, ARTHUR J.	
21832			5817	02-21-64	CER	SPR	SE	SW	08	15N	68E	0.001	STK	0.00	0.68	WP	ELDRIDGE, DAVID AND HELEN	
22545			7571	04-16-65	CER	STR	NE	SW	15	13N	67E	2.000	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
2261			215	11-21-11	CER	SPR			23	16N	65E	0.000	IRR	0.00	0.00	WP	KOLCHEK, ALEX	
22645			8112	06-16-65	CER	UG	NE	SW	12	12N	67E	0.610	IRR	0.00	60.00	Y	WP SOUTHERN NEVADA WATER AUTHORITY	
24260			8030	12-04-67	CER	SPR	SW	NW	28	13N	68E	0.008	MM	0.00	5.65	WP	CRAWFORD, GLEN	
2486			258	08-09-12	CER	SPR	NE	SW	29	14N	68E	0.200	MM	0.00	0.00	WP	MCMILLIN TRUST	
25439			9213	01-19-70	CER	UG	NE	NE	34	13N	67E	1.300	IRD	0.00	240.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
25678			9294	06-24-70	CER	STR	SE	NE	27	12N	68E	4.000	IRR	0.00	630.24	WP	SOUTHERN NEVADA WATER AUTHORITY	
25679			9295	06-24-70	CER	UG	NE	SE	24	12N	67E	1.360	IRR	0.00	630.24	Y	WP SOUTHERN NEVADA WATER AUTHORITY	
25680			9296	06-24-70	CER	UG	NE	NE	24	12N	67E	1.580	IRR	0.00	630.24	Y	WP SOUTHERN NEVADA WATER AUTHORITY	
25857				11-09-70	RFP	STR	SE	SE	03	18N	66E	3.000	IRR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26071				04-22-71	RFA	SPR	NE	SW	01	18N	66E	3.000	IRR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
26072				04-23-71	RFP	STR	SW	SE	23	18N	66E	10.000	IRR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
26105				05-05-71	RFP	STR	SW	SE	23	19N	66E	7.500	IRR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
26112				05-10-71	RFA	STR	NE	NE	26	19N	66E	8.000	IRR	0.00	6000.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26165				06-09-71	RFA	STR	NE	NE	15	19N	66E	2.000	IRR	0.00	4000.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26166				06-09-71	RFA	STR	NE	SE	15	19N	66E	4.000	IRR	0.00	4000.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26228			8363	07-26-71	CER	UG	NE	SE	16	13N	67E	0.891	IRD	0.00	239.00	Y	WP SOUTHERN NEVADA WATER AUTHORITY	
26229			8364	07-26-71	CER	UG	SE	SW	15	13N	67E	1.504	IRD	0.00	157.68	Y	WP SOUTHERN NEVADA	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											1.504						WATER AUTHORITY	
26263				08-17-71	RFA	SPR	SW	SE	25	19N	66E	2.000	IRR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26266				08-23-71	RFA	STR	SE	SE	03	18N	66E	3.200	IRR	0.00	960.00	WP	GEORGE ELDRIDGE & SON, INC.	
26268				08-23-71	RFA	SPR	SW	SW	36	19N	66E	2.000	IRR	0.00	3200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26398				11-09-71	RFA	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	3200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26399				11-09-71	RFA	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26430				12-06-71	RFA	SPR	NE	SE	26	19N	66E	2.000	IRR	0.00	1600.00	WP	GEORGE ELDRIDGE & SON, INC.	
26502			9300	01-25-72	CER	UG	SE	NE	22	13N	67E	0.270	IRR	0.00	73.48	WP	RASMUSSEN, JAMES B.	
26546			8365	02-10-72	CER	UG	NE	NW	22	13N	67E	2.680	IRR	0.00	157.68	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
26655				04-07-72	RFA	SPR	SW	SW	25	19N	66E	1.000	IRR	0.00	1040.00	WP	GEORGE ELDRIDGE & SON, INC.	
26656				04-07-72	RFP	SPR	NW	SW	25	19N	66E	1.000	IRR	0.00	1280.00	WP	GEORGE ELDRIDGE & SON, INC.	
26740				05-24-72	RFP	OSW	SW	SW	33	17N	67E	3.000	IRR	0.00	533.33	WP	GEORGE ELDRIDGE & SON, INC.	
26952			8366	09-07-72	CER	UG	NE	NW	22	13N	67E	2.500	IRR	0.00	239.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
26953			8367	09-07-72	CER	UG	SE	SW	15	13N	67E	1.504	IRR	0.00	239.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
2710			259	05-12-13	CER	SPR	SE	NE	30	14N	68E	0.200	MM	0.00	0.00	WP	MCMILLIN TRUST	
27378			8357	03-28-73	CER	UG	NE	NW	14	19N	66E	1.750	IRR	0.00	1266.64	WP	SOUTHERN NEVADA WATER AUTHORITY	
2745			167	06-30-13	CER	SPR	SW	NE	31	17N	67E	0.200	IRR	0.00	80.00	WP	ADAMS-MCGILL COMPANY	
27739			9772	09-07-73	CER	STR	NW	NE	32	13N	68E	2.300	IRR	0.00	823.24	WP	SOUTHERN NEVADA WATER AUTHORITY	
27740			9773	09-07-73	CER	STR	NE	SE	18	13N	68E	3.200	IRR	0.00	753.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
27741			9774	09-07-73	CER	STR	NW	SW	20	13N	68E	0.500	IRR	0.00	361.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
27742			9775	09-07-73	CER	STR	NE	SE	18	13N	68E	3.200	IRR	0.00	753.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
27743			9743	09-07-73	CER	STR	SW	SW	04	11N	68E	87.000	IRR	0.00	12348.30	WP	SOUTHERN NEVADA WATER AUTHORITY	
27768			8979	09-19-73	CER	UG	SW	NE	02	12N	67E	0.027	WLD	0.00	20.01	WP	WILDLIFE DEPARTMENT-NEVADA	
27901			9776	11-15-73	CER	STR	NW	SE	29	13N	68E	1.500	IRR	0.00	823.24	WP	SOUTHERN NEVADA WATER AUTHORITY	
27902			9744	11-15-73	CER	SPR	NE	SW	05	11N	68E	0.460	IRR	0.00	66.00	WP	SOUTHERN NEVADA WATER AUTHORITY	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
	2852		902	12-01-13	CER	STR	NW	NW	25	16N	66E	8.020	IRR	0.00	2406.48		WP	LDS
	28653		10020	09-09-74	CER	UG	SE	NE	34	13N	67E	0.027	IRR	0.00	1.20		WP	SOUTHERN NEVADA WATER AUTHORITY
	28790		9777	10-11-74	CER	SPR	NE	NE	35	13N	67E	0.200	IRR	0.00	144.88		WP	SOUTHERN NEVADA WATER AUTHORITY
	28818		9023	10-22-74	CER	STR	NW	SE	25	18N	66E	4.800	IRR	0.00	243.08		WP	GEORGE ELDRIDGE & SON, INC.
	29162		10107	01-24-75	CER	STR	NW	NE	13	13N	67E	6.900	IRR	0.00	1036.68		WP	SOUTHERN NEVADA WATER AUTHORITY
	29219		8875	02-13-75	CER	UG	SW	SE	26	13N	67E	2.340	IRR	0.00	1561.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	29220		8876	02-13-75	CER	UG	SE	NW	26	13N	67E	1.890	IRR	0.00	1367.97	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	29221		8877	02-13-75	CER	UG	SE	NW	26	13N	67E	1.450	IRR	0.00	1049.76	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	29371		10328	05-06-75	CER	UG	SW	SW	22	14N	67E	1.110	MM	0.00	803.41	Y	WP	GOLDEN EAGLE MINING, INC.
	29567		10329	08-08-75	CER	UG	SW	SW	22	14N	67E	1.110	MM	0.00	699.92	Y	WP	GOLDEN EAGLE MINING, INC.
	30319		10725	06-08-76	CER	UG	SW	SE	24	12N	67E	1.340	IRR	0.00	730.73	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	31239		10334	03-25-77	CER	UG	NW	SE	15	14N	67E	0.490	MM	0.00	177.43		WP	MOYLE, LANE
	3186		567	11-27-14	CER	STR	NE	SW	35	17N	67E	1.600	IRR	0.00	640.00		WP	CORP. OF CHURCH OF LATTER-DAY SAINTS
	3203		2645	12-09-14	CER	SPR	SE	SE	09	16N	67E	0.350	IRR	0.00	190.60		WP	GEORGE ELDRIDGE & SON, INC.
	3383		1036	05-05-15	CER	STR	NE	SW	14	17N	66E	0.200	IRR	0.00	59.88		WP	ANDRAE, ARTHUR & AUDRAE
	3433		1210	06-14-15	CER	STR	NW	NW	04	21N	66E	0.726	IRR	0.00	261.36		WP	BUNDY, CLARENCE A.
	34704			12-07-77	PER	STR	NW	SE	29	12N	68E	5.000	IRR	0.00	1760.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	34727		11889	12-12-77	CER	UG	NW	NE	22	13N	67E	0.660	IRR	0.00	804.78	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	3646		1976	10-21-15	CER	SPR	NW	NE	14	24N	65E	0.012	STK	0.00	8.96		WP	DOUTRE, JAMES
	3793		2377	12-11-15	CER	SPR	SE	SW	15	16N	68E	0.102	IRR	0.00	50.00		WP	ROGERS, G.W.
	3865		1068	04-06-16	CER	STR	SE	SW	06	11N	68E	2.140	IRR	0.00	641.94		WP	SOUTHERN NEVADA WATER AUTHORITY
	38972		11632	09-07-79	CER	UG	NW	NE	35	13N	67E	1.750	IRR	0.00	768.48		WP	SOUTHERN NEVADA WATER AUTHORITY
	3926		1475	04-24-16	CER	SPR	NW	NE	21	16N	68E	0.025	STK	0.00	18.08		WP	ROGERS, G.W.
	3927		469	04-24-16	CER	SPR	SW	NW	27	17N	68E	0.100	IRR	0.00	40.00		WP	CORP. OF CHURCH OF LATTER-DAY SAINTS
	39455		10441	11-01-79	CER	UG	SW	SW	13	12N	67E	0.020	STK	0.00	14.49		WP	SOUTHERN NEVADA WATER AUTHORITY
	3973		5993	05-13-16	CER	SPR	SW	NW	10	16N	67E	0.008	STK	0.00	5.65		WP	ROGERS, G.W.
	39817			11-23-79	PER	UG	SE	SW	13	18N	66E	5.000	IRR	0.00	1200.00		WP	GEORGE ELDRIDGE &

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											5.000						SON, INC.	
39818				11-23-79	PER	UG	SE	SE	24	18N	66E	5.000	IRR	0.00	3440.00	WP	GEORGE ELDRIDGE & SON, INC.	
4041			1930	06-29-16	CER	STR	NW	NE	14	19N	66E	1.200	IRR	0.00	435.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
4042			1929	06-29-16	CER	STR	SE	NW	11	19N	66E	1.200	IRR	0.00	435.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
4043			1928	06-29-16	CER	STR	NE	SE	27	19N	66E	2.400	IRR	0.00	870.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
4171			1981	10-02-16	CER	SPR	NW	SE	04	14N	67E	0.020	STK	0.00	14.33	WP	ROBISON BROTHERS	
4418			660	04-30-17	CER	STR	NE	SE	32	13N	68E	3.697	IRR	0.00	1349.70	WP	SOUTHERN NEVADA WATER AUTHORITY	
45287			11017	02-05-82	CER	UG	NE	SW	12	12N	67E	1.350	IRR	0.00	312.80	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
45496			11965	04-02-82	CER	UG	SE	NW	23	08N	68E	0.120	STK	0.00	86.24	LI	OKELBERRY, RAY	
45675				05-17-82	RFA	STR	SE	SE	15	18N	66E	8.000	PWR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
45676				05-17-82	RFA	STR	SE	SW	28	20N	66E	15.000	PWR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
45677				05-17-82	RFA	STR	SE	NW	16	20N	66E	20.000	PWR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
45678				05-17-82	RFA	STR	NW	SW	27	18N	68E	2.000	PWR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
45679				05-17-82	RFA	STR	SW	NE	10	18N	66E	40.000	PWR	0.00	0.00	WP	GEORGE ELDRIDGE & SON, INC.	
45681				05-19-82	RFA	STR	SW	SW	35	18N	66E	40.000	PWR	0.00	0.00	WP	ROBISON, REED B.	
45682				05-19-82	RFA	STR	SE	SW	28	20N	66E	15.000	PWR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
45683				05-19-82	RFA	STR	NE	NE	28	19N	66E	30.000	PWR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
45684				05-19-82	RFA	STR	SE	SW	09	19N	66E	10.000	PWR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
45685				05-19-82	RFA	STR	NE	NE	27	18N	66E	20.000	PWR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
45748				06-03-82	RFP	STR	NW	NW	17	16N	68E	10.000	PWR	0.00	0.00	WP	ELDRIDGE, BRENT	
45749				06-03-82	RFA	STR	NE	NW	01	16N	66E	6.000	PWR	0.00	0.00	WP	ELDRIDGE, BRENT	
45750				06-03-82	RFA	STR	NW	NE	34	16N	66E	50.000	PWR	0.00	0.00	WP	ELDRIDGE, BRENT	
46790			13034	04-05-83	CER	OGW	NE	NE	07	14N	68E	0.007	MM	0.00	5.06	WP	HUCKALEY, LESTER VERNON	
46973			12667	06-03-83	CER	SPR	SE	NW	07	14N	68E	0.231	MM	0.00	167.24	WP	OSTLUND, ROBERT E.	
46975			13925	06-03-83	CER	SPR		LT3	07	14N	68E	0.171	MM	0.00	123.80	WP	OSTLUND, ROBERT	
46978			14935	06-03-83	CER	SPR	NE	SE	18	14N	68E	0.500	MM	0.00	277.18	WP	OSTLUND, ROBERT	
47352			14240	10-24-83	CER	SPR	NW	NE	25	14N	67E	0.500	MM	0.00	0.21	WP	SALISBURY, FRED	
48724			12339	01-17-85	CER	SPR	NW	NE	15	10N	68E	0.180	STK	0.00	4.51	WP	SOUTHERN NEVADA WATER AUTHORITY	
4951			1209	03-07-18	CER	STR	SE	SE	29	21N	66E	0.083	IRR	0.00	25.08	WP	BUNDY, CLARENCE A. &	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.083						JOSEPHINE	
5028			1541	04-26-18	CER	SPR	SE	NW	27	17N	68E	0.066	IRR	0.00	24.00	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
50772			14454	04-02-87	CER	STR	NW	NW	12	13N	67E	4.000	IRR	0.00	752.76	WP	SOUTHERN NEVADA WATER AUTHORITY	
5143			517	07-10-18	CER	STR	NE	NE	27	09N	67E	0.015	STK	0.00	10.86	LI	DOLAN, PHILIP J.	
5247				09-16-18	PER	STR	NW	SW	15	20N	66E	2.000	IRR	0.00	201.64	WP	GEORGE ELDRIDGE & SON, INC.	
5308			603	11-15-18	CER	SPR	SE	SE	29	21N	69E	0.010	STK	0.00	7.24	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
54003				10-17-89	RFP	UG	NW	NE	20	08N	68E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
54004				10-17-89	RFP	UG	NE	SE	25	09N	67E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
54005				10-17-89	RFP	UG	NE	NE	14	09N	67E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
54006				10-17-89	RFP	UG	SE	SE	22	10N	67E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54007				10-17-89	RFP	UG	SE	NW	34	11N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54008				10-17-89	RFP	UG	SW	SW	01	11N	66E	6.000	MUN	0.00	4343.92	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54009				10-17-89	RFP	UG	NW	NE	36	13N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
54010				10-17-89	RFP	UG	SE	SE	25	14N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54011				10-17-89	RFP	UG	NE	SE	14	14N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54012				10-17-89	RFP	UG	SE	NE	16	14N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54013				10-17-89	RFP	UG	SW	SW	25	15N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54014				10-17-89	RFP	UG	SW	SW	15	15N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54015				10-17-89	RFP	UG	SW	NW	14	15N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54016				10-17-89	RFP	UG	NE	SW	07	15N	67E	6.000	MUN	0.00	4343.91		WP	SOUTHERN NEVADA WATER AUTHORITY
54017				10-17-89	RFP	UG	NW	SE	25	16N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
54018				10-17-89	RFP	UG	SE	NE	24	16N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
54019				10-17-89	RFP	UG	SW	NE	32	12N	68E	10.000	MUN	0.00	7239.70	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54020				10-17-89	RFP	UG	SE	SE	14	14N	67E	10.000	MUN	0.00	7239.70	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
54021				10-17-89	RFP	UG	SW	NE	33	16N	66E	10.000	MUN	0.00	7239.70		WP	SOUTHERN NEVADA WATER AUTHORITY
54204				12-01-89	PER	UG	NW	NE	19	16N	67E	3.000	IRR	0.00	2082.30	Y	WP	LDS
54205				12-01-89	PER	UG	SE	SW	13	16N	66E	3.000	IRR	0.00	2082.30	Y	WP	LDS
5499		562		05-15-19	CER	STR	NE	SE	12	14N	67E	5.000	MM	0.00	1206.63		WP	LESTER, VIRGINIA BOWEN
55363				10-11-90	PER	SPR	SW	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55364				10-11-90	PER	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55365				10-11-90	PER	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55370				10-11-90	RFP	STR	SW	SW	35	18N	66E	10.000	IRR	0.00	3200.00		WP	SOUTHERN NEVADA WATER AUTHORITY
5546		714		06-18-19	CER	SPR	SW	SW	16	15N	68E	0.232	IRR	0.00	93.00		WP	KAISER, KATHERINE A.
5563		605		06-23-19	CER	OSW	SE	SW	17	21N	69E	0.012	STK	0.00	5.92		WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
5571		11720		06-23-19	CER	SPR	NE	NW	14	24N	66E	0.012	STK	0.00	8.68		WP	NEVADA LAND & RESOURCE CO LLC
56049				03-25-91	PER	UG	SE	NW	24	19N	66E	3.000	IRR	0.00	720.00		WP	GEORGE ELDRIDGE & SON, INC.
56050		17888		03-25-91	CER	UG	SE	NE	31	18N	68E	0.780	IRR	60.00	240.00		WP	GEORGE ELDRIDGE & SON, INC.
56051				03-25-91	PER	UG	SE	NE	26	19N	66E	1.000	IRR	0.00	240.00		WP	GEORGE ELDRIDGE & SON, INC.
56236		16462		04-26-91	CER	SPR	SW	SW	21	21N	69E	0.005	DOM	0.00	1.03		WP	WESTLAND-RE, LLC 63.49% AND NW, LLC 36.51%
5691		1325		08-25-19	CER	STR	SE	SE	33	17N	67E	1.895	IRR	0.00	919.00		WP	GEORGE ELDRIDGE & SON, INC.
5713		797		09-05-19	CER	SPR	NW	NW	32	16N	68E	0.006	STK	0.00	3.65		WP	ROGERS, G.W.
58302				11-05-92	PER	UG	SE	NE	21	14N	67E	6.000	MM	0.00	302.44		WP	MINEL, INC.
58494				01-21-93	RFA	STR	NW	NE	13	13N	67E	4.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
5923		1280		12-26-19	CER	STR	NW	SW	27	18N	68E	0.850	IRR	0.00	306.00		WP	GEORGE ELDRIDGE & SON, INC.
60086				05-24-94	PER	UG	SW	NE	02	12N	67E	0.035	WLD	0.00	7.57		WP	BLM
60104		16135		05-27-94	CER	UG	NW	SE	16	13N	67E	0.003	STK	0.00	2.26		WP	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
6074			1038	04-26-20	CER	SPR	NW	SW	02	17N	68E	0.018	STK	0.00	8.96	WP	YELLAND, LOUIS A.	
6075			1037	04-26-20	CER	SPR	SW	NE	22	18N	68E	0.018	STK	0.00	9.73	WP	GEORGE ELDRIDGE & SON, INC.	
6290			1045	10-04-20	CER	SPR	SW	SW	25	22N	68E	0.010	STK	0.00	7.12	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
63532				10-24-97	PER	UG	SE	NE	13	12N	67E	1.700	IRR	0.00	620.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
63533				10-24-97	PER	UG	NE	SE	13	12N	67E	1.700	IRR	0.00	620.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
6360				12-22-20	PER	SPR	SW	SW	21	21N	69E	1.000	IRR	0.00	640.00		WP	DOUTRE, STEVE
6503			1296	06-30-21	CER	SPR	NW	SW	13	13N	65E	0.003	STK	0.00	1.50	WP	PRODUCTION CREDIT CORPORATION	
65641				10-29-99	PER	UG	SE	SE	17	15N	68E	0.050	QM	0.00	2.24	WP	FAVA, PAUL & SHEILA	
6632			1378	02-17-22	CER	UG	NW	NW	07	19N	69E	0.024	STK	0.00	17.03	WP	GEORGE ELDRIDGE & SON, INC.	
66734			16910	08-23-00	CER	SPR	NW	NW	21	15N	68E	0.030	IRR	0.00	11.28	WP	FILLMAN, PATRICK D. & KRISTINE K.	
67319				03-12-01	RFP	UG	SW	NW	08	22N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67320				03-12-01	RFP	UG	SW	NW	17	22N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67321				03-12-01	RFP	UG	NW	NE	29	22N	66E	6.000	IRR	0.00	1440.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67322				03-12-01	RFP	UG	NW	NW	09	21N	66E	2.700	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67323				03-12-01	RFP	UG	NE	NW	14	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67324				03-12-01	RFP	UG	NW	NW	11	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67325				03-12-01	RFP	UG	NE	NE	26	19N	66E	6.000	IRR	0.00	4960.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67326				03-12-01	RFP	UG	NE	SW	36	19N	66E	6.000	IRR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67327				03-12-01	RFP	UG	NW	NW	12	18N	66E	6.000	IRR	0.00	2200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67328				03-12-01	RFP	UG	NW	NE	13	18N	66E	2.400	IRR	0.00	480.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67329				03-12-01	RFP	UG	SW	SW	24	18N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67330				03-12-01	RFP	UG	NW	NW	06	17N	67E	6.000	IRR	0.00	4343.82	WP	SOUTHERN NEVADA WATER AUTHORITY	
67331				03-12-01	RFP	UG	NE	NE	12	17N	66E	6.000	IRR	0.00	4343.82	WP	SOUTHERN NEVADA	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											6.000						WATER AUTHORITY	
67332				03-12-01	RFP	UG	NE	SW	30	18N	67E	3.400	IRR	0.00	800.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
67333				03-12-01	RFP	UG	SW	SE	34	17N	67E	4.700	IRR	0.00	1120.00	WP	JOHNSON, ALAN D. AND SHELLEY C.	
6754		1623		08-30-22	CER	SPR	NW	SE	30	17N	67E	0.538	IRR	0.00	195.00	WP	CAZIER, JAMES	
6808		1501		11-01-22	CER	SPR	NW	SW	20	24N	67E	0.007	STK	0.00	2.18	WP	NEVADA LAND & RESOURCE CO LLC	
6834		1211		12-09-22	CER	STR	SE	SW	13	13N	67E	0.973	IRR	0.00	583.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
69726				03-12-03	RFA	UG	SE	SW	35	17N	67E	4.000	IRR	0.00	2240.00	WP	CORP OF CHURCH JESUS CHRIST OF LDS	
69727				03-12-03	RFA	UG	NW	SE	35	17N	67E	4.000	IRR	0.00	0.00	WP	CORP OF CHURCH JESUS CHRIST OF LDS	
7097		1314		04-24-24	CER	STR	NE	SE	23	21N	65E	0.007	STK	0.00	1.32	WP	BEWS, HARRY	
71525				08-02-04	PER	UG	SE	NE	13	12N	67E	0.728	IRR	0.00	263.53	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
71526				08-02-04	PER	UG	SE	NE	13	12N	67E	1.500	IRR	0.00	542.98	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
71565				08-17-04	RFA	UG	NE	NW	28	17N	67E	3.000	IRR	0.00	800.00	WP	MORIAH RANCHES, INC.	
71603				08-23-04	PER	UG	SE	SE	12	12N	67E	0.728	IRR	0.00	263.53	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
7161		1950		06-27-24	CER	SPR	SE	SE	20	07N	68E	0.004	STK	0.00	1.69	LI	MURRAY SHEEP CO.	
71840				11-03-04	PER	UG	NE	NW	13	20N	66E	3.000	IRR	0.00	1120.00	WP	GEORGE ELDRIDGE & SON, INC.	
72643				04-26-05	PER	UG	SW	NE	21	15N	68E	0.060	QM	0.00	4.04	WP	GIANOLI, JOHN C. & JULIE A.	
7419		1329		06-28-25	CER	SPR	NE	SE	18	14N	68E	0.012	STK	0.00	3.74	WP	GEORGE S. ROBINSON & SONS	
74274				05-08-06	PER	UG	SE	SE	12	12N	67E	1.500	IRR	0.00	544.33	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
7446		1515		07-22-25	CER	UG	NE	NW	25	14N	66E	0.019	STK	0.00	13.44	WP	PRODUCTION CREDIT CORP. OF BERKELEY	
7497		1618		09-08-25	CER	UG	NE	NW	24	11N	66E	0.007	STK	0.00	5.37	WP	SOUTHERN NEVADA WATER AUTHORITY	
75316				02-07-07	RFA	UG	NW	NE	21	14N	67E	1.000	IRR	0.00	40.00	WP	BENSON, ROBERT E.	
75395				02-28-07	RFP	OSW	SE	SE	28	17N	67E	2.000	IRR	0.00	0.00	WP	MORIAH RANCHES, INC.	
75396				02-28-07	RFP	OSW	SW	NW	28	17N	67E	2.000	IRR	0.00	0.00	WP	MORIAH RANCHES, INC.	
76654				01-22-08	RFA	UG	SW	SE	28	14N	67E	0.020	OTH	0.00	14.48	WP	RICHARD W. AND LESLIE ANN SEARS	
7700		1481		04-07-26	CER	SPR	NE	NE	25	12N	65E	0.015	STK	0.00	11.82	WP	ROBISON BROS.	
7701		1346		04-08-26	CER	SPR	SE	SE	19	21N	69E	0.025	STK	0.00	17.92	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5%)	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.025						UNDIVIDED INTEREST)	
77126				06-11-08	PER	SPR	NE	NE	20	21N	69E	0.180	DOM	0.00	0.00	WP	PAUL F. TILMAN	
7724			2170	04-23-26	CER	STR	SE	NW	07	14N	68E	0.200	MM	0.00	0.00	WP	MARRIOTT, HENRY	
7725			2171	04-23-26	CER	STR	NE	SW	07	14N	68E	0.082	MM	0.00	0.00	WP	MARRIOTT, HENRY	
77383				09-15-08	PER	UG		LT6	02	12N	67E	0.015	WLD	0.00	10.86	WP	BLM	
77384				09-15-08	PER	UG	SW	NE	02	12N	67E	0.027	WLD	0.00	19.55	WP	BLM	
77517				10-21-08	RFP	UG	SW	NE	02	12N	67E	0.087	WLD	0.00	63.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77518				10-21-08	RFP	UG	SW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77519				10-21-08	RFP	UG	SW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77520				10-21-08	RFP	UG	NW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77583				11-13-08	PER	SPR	NW	NE	15	22N	65E	0.006	DOM	0.00	4.30	WP	THE BURKE FAMILY TRUST	
77714				12-22-08	PER	STR	NW	NE	13	13N	67E	0.001	STK	0.00	0.92	WP	SOUTHERN NEVADA WATER AUTHORITY	
78107				03-03-09	PER	UG	SW	SE	14	13N	67E	4.500	IRR	0.00	1080.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
7847			2221	08-12-26	CER	STR	NW	SW	29	19N	66E	2.484	PWR	0.00	0.00	WP	ELY CALUMET MINING CORPORATION	
78767				07-29-09	RFP	UG	SW	NE	02	12N	67E	0.675	WLD	0.00	0.00	WP	BLM	
79023				11-12-09	RFP	UG	NE	NW	25	17N	67E	0.600	QM	0.00	160.00	WP	GEORGE ELDRIDGE & SON INC	
79265				01-28-10	RFP	UG	NW	NE	20	08N	68E	6.000	MUN	0.00	0.00	LI	SOUTHERN NEVADA WATER AUTHORITY	
79266				01-28-10	RFP	UG	NE	SE	25	09N	67E	6.000	MUN	0.00	0.00	LI	SOUTHERN NEVADA WATER AUTHORITY	
79279				01-28-10	RFP	UG	SE	SE	22	10N	67E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79280				01-28-10	RFP	UG	SE	NW	34	11N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79281				01-28-10	RFP	UG	SW	SW	01	11N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79282				01-28-10	RFP	UG	NW	NE	36	13N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79283				01-28-10	RFP	UG	SE	SE	25	14N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79284				01-28-10	RFP	UG	NE	SE	14	14N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79285				01-28-10	RFP	UG	SE	NE	16	14N	67E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79286				01-28-10	RFP	UG	SW	SW	25	15N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79287				01-28-10	RFP	UG	SW	SW	15	15N	67E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
79288				01-28-10	RFP	UG	SW	NW	14	15N	67E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79289				01-28-10	RFP	UG	NE	SW	07	15N	67E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79290				01-28-10	RFP	UG	NW	SE	25	16N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79291				01-28-10	RFP	UG	SE	NE	24	16N	66E	6.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79292				01-28-10	RFP	UG	SW	NE	32	12N	68E	10.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79293				01-28-10	RFP	UG	SE	SE	14	14N	67E	10.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79294				01-28-10	RFP	UG	SW	NE	33	16N	66E	10.000	MUN	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79295				01-28-10	RFP	UG	NE	NE	14	09N	67E	6.000	MUN	0.00	0.00	LI	SOUTHERN NEVADA WATER AUTHORITY	
79423				02-01-10	RFP	UG	NW	NE	13	18N	66E	2.400	IRR	0.00	480.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79424				02-01-10	RFP	UG	NW	NW	12	18N	66E	6.000	IRR	0.00	2200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79425				02-01-10	RFP	UG	NE	SW	36	19N	66E	6.000	IRR	0.00	4960.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79426				02-01-10	RFP	UG	SW	NW	17	22N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79427				02-01-10	RFP	UG	SW	NW	08	22N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79428				02-01-10	RFP	UG	NW	NE	29	22N	66E	6.000	IRR	0.00	1440.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79429				02-01-10	RFP	UG	NW	NW	09	21N	66E	2.700	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79430				02-01-10	RFP	UG	NW	NW	11	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79431				02-01-10	RFP	UG	NE	NE	26	19N	66E	6.000	IRR	0.00	4960.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79432				02-01-10	RFP	UG	NE	NW	14	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79433				02-01-10	RFP	UG	NE	SW	30	18N	67E	3.400	IRR	0.00	800.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79434				02-01-10	RFP	UG	NE	NE	12	17N	66E	6.000	IRR	0.00	9280.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79435				02-01-10	RFP	UG	NW	NW	06	17N	67E	6.000	IRR	0.00	9280.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79436				02-01-10	RFP	UG	SW	SW	24	18N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79468				02-03-10	RFP	UG	SW	SE	28	14N	67E	2.500	IRR	0.00	0.00	WP	RICHARD W AND LESLIE ANN SEARS	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
79499				02-11-10	RFP	STR	SE	SE	03	18N	66E	3.000	IRR	0.00	0.00		WP	SNWA
79500				02-11-10	RFP	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00		WP	SNWA
79501				02-11-10	RFP	SPR	SW	SW	36	19N	66E	2.000	IRR	0.00	0.00		WP	SNWA
79502				02-11-10	RFP	STR	NE	NE	26	19N	66E	8.000	IRR	0.00	0.00		WP	SNWA
79503				02-11-10	RFP	STR	NE	SE	15	19N	66E	4.000	IRR	0.00	0.00		WP	SNWA
79504				02-11-10	RFP	STR	NW	SE	29	12N	68E	5.000	IRR	0.00	0.00		WP	SNWA
79505				02-11-10	RFP	UG	SW	SW	13	12N	67E	0.020	STK	0.00	0.00		WP	SNWA
79506				02-11-10	RFP	SPR	SW	SW	01	18N	66E	0.250	IRR	0.00	0.00		WP	SNWA
79507				02-11-10	RFP	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	0.00		WP	SNWA
79508				02-11-10	RFP	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	0.00		WP	SNWA
79509				02-11-10	RFP	STR	SW	SW	35	18N	66E	10.000	IRR	0.00	0.00		WP	SNWA
79510				02-11-10	RFP	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00		WP	SNWA
79511				02-11-10	RFP	UG	NW	SE	16	13N	67E	0.010	STK	0.00	0.00		WP	SNWA
79512				02-11-10	RFP	UG	SE	NE	13	12N	67E	1.700	IRR	0.00	0.00		WP	SNWA
79513				02-11-10	RFP	UG	NE	SE	13	12N	67E	1.700	IRR	0.00	0.00		WP	SNWA
79514				02-11-10	RFP	UG	SE	SE	12	12N	67E	1.530	IRR	0.00	544.33		WP	SNWA
79515				02-11-10	RFP	STR	SW	NE	10	18N	66E	7.000	IRR	0.00	0.00		WP	SNWA
79516				02-11-10	RFP	STR	NE	NE	15	19N	66E	2.000	IRR	0.00	0.00		WP	SNWA
79517				02-11-10	RFP	SPR	SW	SE	25	19N	66E	2.000	IRR	0.00	0.00		WP	SNWA
79519				02-11-10	RFP	UG	NW	NE	22	13N	67E	8.700	IRR	0.00	0.00		WP	SNWA
79520				02-11-10	RFP	STR	NW	NE	13	13N	67E	8.500	IRR	0.00	0.00		WP	SNWA
79521				02-11-10	RFP	STR	NE	SW	15	13N	67E	2.700	IRR	0.00	0.00		WP	SNWA
79522				02-11-10	RFP	UG	NE	NE	21	13N	67E	5.400	IRR	0.00	0.00		WP	SNWA
79523				02-11-10	RFP	UG	NE	SW	12	12N	67E	1.000	IRR	0.00	0.00		WP	SNWA
79524				02-11-10	RFP	UG	SE	SE	31	13N	67E	4.700	IRR	0.00	0.00		WP	SNWA
79712				03-22-10	RFA	UG	SE	NW	26	13N	67E	1.380	IRR	0.00	921.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79713				03-22-10	RFP	UG	SE	SE	12	12N	67E	0.728	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79714				03-22-10	RFP	UG	SE	SE	12	12N	67E	1.500	IRR	0.00	544.33		WP	SOUTHERN NEVADA WATER AUTHORITY
79715				03-22-10	RFP	UG	SE	NE	13	12N	67E	1.500	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79716				03-22-10	RFP	UG	SE	NE	13	12N	67E	0.728	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79719				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79720				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79721				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.027	IRR	0.00	1.20		WP	SOUTHERN NEVADA WATER AUTHORITY
79722				03-25-10	RFA	UG	SE	NE	34	13N	67E	1.115	IRR	0.00	807.15		WP	SOUTHERN NEVADA WATER AUTHORITY
79723				03-25-10	RFA	UG	SE	NE	34	13N	67E	2.450	IRR	0.00	575.83		WP	SOUTHERN NEVADA WATER AUTHORITY
79724				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.856	IRR	0.00	619.40		WP	SOUTHERN NEVADA

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.856						WATER AUTHORITY	
79725				03-25-10	RFA	UG	SE	NW	26	13N	67E	1.300	IRR	0.00	240.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79726T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79727T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.027	IRR	0.00	1.20	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79728T				03-25-10	APP	UG	SE	NW	26	13N	67E	1.300	IRR	0.00	240.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79729T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79730T				03-25-10	APP	UG	SE	NE	34	13N	67E	2.450	IRR	0.00	575.83	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79731T				03-25-10	APP	UG	SE	NW	26	13N	67E	1.380	IRR	0.00	921.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79732T				03-25-10	APP	UG	SE	NE	34	13N	67E	1.115	IRR	0.00	807.15	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79733T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.856	IRR	0.00	619.40	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
802		25		01-28-08	CER	SPR	SW	NW	09	21N	66E	0.000	STK	0.00	12.03	WP	OLSEN, GASTEN	
80453				01-12-11	RFP	STR	NW	NW	17	16N	68E	1.600	IRR	0.00	0.00	WP	LDS	
80454				01-12-11	RFP	STR	NW	NW	17	16N	68E	1.512	IRR	0.00	544.86	WP	LDS	
80455				01-12-11	RFP	STR	NW	NW	17	16N	68E	2.873	IRR	0.00	1149.20	WP	LDS	
80456				01-12-11	RFP	STR	NW	NW	17	16N	68E	0.260	DEC	0.00	77.85	WP	LDS	
80559				02-11-11	APP	UG	NW	SE	22	13N	66E	0.005	STK	0.00	0.00	WP	SNWA	
80562				02-11-11	APP	SPR		LT4	34	20NH	69E	0.012	STK	0.00	0.00	WP	SNWA	
80563				02-11-11	APP	SPR	SW	SE	29	15N	67E	0.016	STK	0.00	0.00	WP	SNWA	
80564				02-11-11	APP	SPR	NW	SE	29	15N	67E	0.016	STK	0.00	0.00	WP	SNWA	
80567				02-11-11	APP	SPR	SW	SE	01	10N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80568				02-11-11	APP	SPR	NE	NW	25	11N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80569				02-11-11	APP	SPR	NW	SE	36	11N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80572				02-11-11	APP	UG	SE	NW	20	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80573				02-11-11	APP	SPR	NE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80574				02-11-11	APP	SPR	NE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80575				02-11-11	APP	SPR	SE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80601T				02-22-11	RFA	STR	SE	NW	24	16N	66E	1.000	COM	0.00	35.00	WP	LDS	
80602T				02-22-11	RFA	UG	NW	NE	19	16N	67E	1.000	COM	0.00	35.00	WP	LDS	
8074		1365		04-01-27	CER	UG	NW	SE	35	11N	66E	0.050	STK	0.00	26.91	WP	CL CATTLE COMPANY LLC	
8075		1366		04-01-27	CER	UG	SE	SE	13	14N	66E	0.050	STK	0.00	27.27	WP	ADAMS-MCGILL COMPANY	
8076		1367		04-01-27	CER	UG	NE	NE	01	11N	66E	0.050	STK	0.00	36.20	WP	CL CATTLE COMPANY LLC	
8077		1368		04-01-27	CER	UG	SW	SE	31	13N	67E	0.050	STK	0.00	27.01	WP	ROBISON, DOYLE C.	
8104		2065		04-19-27	CER	STR	NE	SE	15	20N	66E	0.012	STK	0.00	3.74	WP	NEVADA LAND & RESOURCE CO LLC	
811		131		02-08-08	CER	LAK	NW	NE	34	12N	67E	2.800	IRR	0.00	1120.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
813		659		02-08-08	CER	STR	SW	SW	08	12N	68E	0.200	IRR	0.00	60.00	WP	SOUTHERN NEVADA	

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.200						WATER AUTHORITY	
8393			3213	11-18-27	CER	STR	SE	NE	02	16N	67E	1.512	IRR	0.00	544.86	WP	CORP OF CHURCH OF LATTER-DAY SAINTS	
8396			2220	11-23-27	CER	STR	NW	SW	29	19N	66E	0.156	MM	0.00	112.94	WP	ELY CALUMENT MINING CORPORATION	
8525			2409	04-26-28	CER	SPR	SW	SE	03	08N	67E	0.013	STK	0.00	5.98	LI	SOUTHERN NEVADA WATER AUTHORITY	
8542			1720	05-22-28	CER	UG	NE	NE	13	19N	67E	0.025	STK	0.00	17.92	WP	GEORGE ELDRIDGE & SON, INC.	
8547			2263	05-28-28	CER	SPR	NW	SW	04	22N	65E	0.009	STK	0.00	5.40	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
8701			2626	09-20-28	CER	UG	SW	SW	01	18N	67E	0.012	STK	0.00	8.96	WP	GEORGE ELDRIDGE & SON, INC.	
8713			2410	10-06-28	CER	UG	NE	NE	16	10N	67E	0.013	STK	0.00	9.42	WP	SWALLOW, GEORGE N.	
8721			2509	10-13-28	CER	SPR	SE	SW	25	17N	67E	0.020	STK	0.00	14.49	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
8804			1967	01-02-29	CER	STR	NE	NW	06	13N	68E	0.032	STK	0.00	22.40	WP	BAAL, JOHN MICHAEL JR.	
920			866	04-16-08	CER	STR	NE	NE	22	13N	67E	1.813	IRR	0.00	543.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
9435			2473	04-06-31	CER	UG	NW	NE	26	20N	67E	0.019	STK	0.00	10.25	WP	GEORGE ELDRIDGE & SON, INC.	
957			71	05-08-08	CER	SPR				23N	66E	0.075	STK	0.00	54.30	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) & GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
983			171	05-26-08	CER	STR			03	13N	67E	1.000	MM	0.00	723.95	WP	PILOT KNOB GOLD MINING & MILLING CO.	
R05269				04-05-91	RES	SPR	SE	NW	30	15N	67E	0.005	OTH	0.00	3.59	WP	BLM	
R05272				04-05-91	RES	SPR	SE	NW	30	15N	67E	0.093	OTH	0.00	67.24	WP	BLM	
R05273				04-05-91	RES	SPR	SE	SE	30	13N	67E	0.003	OTH	0.00	2.15	WP	BLM	
R05274				04-05-91	RES	SPR	SE	NW	24	13N	67E	0.003	OTH	0.00	1.84	WP	BLM	
R05276				04-05-91	RES	SPR	NE	SW	26	09N	67E	0.018	OTH	0.00	5.77	LI	BLM	
R05278				04-08-91	RES	SPR	NW	NW	30	15N	67E	0.093	OTH	0.00	67.24	WP	BLM	
R05279				04-08-91	RES	SPR	SE	NW	04	15N	67E	0.011	OTH	0.00	7.95	WP	BLM	
R05280				04-08-91	RES	SPR	SW	SW	04	15N	67E	0.011	OTH	0.00	7.95	WP	BLM	
R05281				04-08-91	RES	SPR	SW	NW	08	15N	68E	0.042	OTH	0.00	8.10	WP	BLM	
R05282				04-08-91	RES	SPR	NW	SE	08	15N	68E	0.042	OTH	0.00	30.38	WP	BLM	
R05283				04-08-91	RES	SPR	NE	NE	08	15N	68E	0.042	OTH	0.00	30.38	WP	BLM	
R05284				04-08-91	RES	SPR	SE	NE	08	15N	68E	0.042	OTH	0.00	30.38	WP	BLM	
R05285				04-08-91	RES	SPR	NW	SW	08	15N	68E	0.042	OTH	0.00	30.38	WP	BLM	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
	R05286			04-08-91	RES	SPR	NW	NW	17	15N	68E	0.042	OTH	0.00	30.38	WP	BLM	
	R05287			04-15-91	RES	SPR	NE	NW	22	16N	66E	0.028	OTH	0.00	20.25	WP	BLM	
	R05288			04-15-91	RES	SPR	NW	NW	22	16N	66E	0.028	OTH	0.00	20.25	WP	BLM	
	R05289			04-15-91	RES	SPR	SW	SW	22	16N	66E	0.054	OTH	0.00	39.07	WP	BLM	
	R05290			04-15-91	RES	SPR	SW	SW	14	16N	66E	0.028	OTH	0.00	20.25	WP	BLM	
	R05291			04-15-91	RES	SPR	NW	NW	15	16N	67E	0.008	OTH	0.00	5.77	WP	BLM	
	R05292			04-15-91	RES	SPR	SE	SW	32	16N	67E	0.011	OTH	0.00	7.95	WP	BLM	
	R05293			04-15-91	RES	SPR	NE	NW	32	16N	67E	0.011	OTH	0.00	7.95	WP	BLM	
	R05294			04-15-91	RES	SPR	NE	SW	32	16N	67E	0.011	OTH	0.00	7.95	WP	BLM	
	R05295			04-15-91	RES	SPR	NE	NW	25	16N	67E	0.011	OTH	0.00	7.95	WP	BLM	
	R09418			04-06-04	RES	SPR	SE	NE	10	22N	65E	0.002	STK	0.00	0.00	WP	BLM	
	V00714			02-12-10	VST	STR		NW	35	13N	67E	0.000	IRR	0.00	140.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	V00767			12-15-09	VST	STR	NW	SW	27	18N	68E	0.000	IRR	0.00	120.00	WP	STARKWEATHER, MR.	
	V00789			06-10-10	VST	STR		NW	01	18N	66E	0.000	IRR	0.00	0.00	WP	MCGILL, WM.	
	V00790			06-01-10	VST	STR	NW	NW	25	16N	66E	2.500	IRR	0.00	10847.70	WP	LDS	
	V00791			06-01-10	VST	STR	NW	SE	01	17N	66E	0.000	IRR	0.00	6375.45	WP	SOUTHERN NEVADA WATER AUTHORITY	
	V00802			05-05-10	VST	STR	NE	NW	15	09N	67E	0.000	STK	0.00	0.00	LI	HYDE, J.A.	
	V01023			02-10-12	VST	SPR	SE	SW	07	21N	69E	0.300	STK	0.00	5.62	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	V01024			02-18-11	VST	SPR	SW	NW	34	21N	69E	0.500	STK	0.00	6.26	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & AND LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	V01026			02-23-11	VST	STR	NE	NE	12	12N	67E	0.000	IRR	0.00	16.00	WP	SWALLOW, GEORGE	
	V01069			02-10-12	VST	STR	NE	NW	34	20NH	69E	0.400	STK	0.00	11.97	WP	BLM	
	V01080			03-30-12	VST	STR	NW	NE	16	16N	68E	0.000	IRR	0.00	266.52	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
	V01081			04-01-12	VST	SPR	SE	NW	13	21N	68E	0.016	STK	0.00	11.20	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	V01125			08-06-12	VST	SPR	NE	NW	25	14N	67E	0.000	MM	0.00	0.00	WP	TILFORD, T.B.	
	V01176			12-02-12	VST	SPR	NE	SE	28	23N	66E	0.300	STK	0.00	34.53	WP	SELLAS, WILLIAM	
	V01180			12-16-12	VST	RES	SE	SE	06	24N	67E	0.100	STK	0.00	5.52	WP	NEVADA LAND & RESOURCE CO LLC	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V01181				12-16-12	VST	SPR	NE	NW	32	20N	66E	0.025	STK	0.00	0.00	WP	NEVADA LAND & RESOURCE CO LLC	
V01194				12-19-12	VST	SPR	SW	NE	09	22N	66E	0.025	STK	0.00	18.08	WP	BEWS, HARRY	
V01195				01-16-13	VST	SPR	SE	SE	15	22N	66E	0.025	STK	0.00	18.11	WP	BEWS, HARRY	
V01213				02-01-13	VST	STR	SE	NE	14	18N	66E	0.000	IRR	0.00	1280.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01214				02-01-13	VST	STR	NW	SE	26	18N	66E	0.000	IRR	0.00	2000.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01215				02-01-13	VST	STR	NW	SE	01	17N	66E	0.000	IRR	0.00	6400.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01216				02-01-13	VST	STR	NE	SW	24	15N	66E	0.000	IRR	0.00	400.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01217				02-01-13	VST	STR	SE	NW	24	16N	66E	0.000	IRR	0.00	12000.00	WP	LDS	
V01218				01-27-13	VST	STR	NE	NW	06	16N	67E	0.000	IRR	0.00	4800.00	WP	LDS	
V01219				02-01-13	VST	STR	SE	NW	02	18N	66E	7.728	IRR	0.00	1804.26	WP	GEORGE ELDRIDGE & SON, INC.	
V01614				05-15-19	VST	SPR	NW	SE	12	14N	67E	0.000	MM	0.00	0.00	WP	BOWEN LUELLA VIRGINIA	
V01634				08-25-19	VST	SPR	SE	NW	10	22N	65E	0.050	STK	0.00	3.87	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01637				09-08-19	VST	SPR	NE	SW	14	13N	65E	0.100	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01648				11-20-19	VST	STR	NW	SW	27	18N	68E	1.000	IRR	0.00	300.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01665				12-15-19	VST	SPR	NE	SE	35	12N	65E	0.025	STK	0.00	9.36	WP	CARTER, A. N. & LAFAYETTE	
V01669				12-22-19	VST	SPR	SE	SW	02	12N	65E	0.025	STK	0.00	7.49	WP	CL CATTLE COMPANY LLC	
V01686				01-30-20	VST	STR	NE	NW	01	21N	65E	0.000	IRR	0.00	179.60	WP	DOUTRE, JAMES	
V01728				09-13-20	VST	SPR	SW	SE	32	07N	68E	0.025	STK	0.00	7.37	LI	GEYSER RANCH, LLC	
V01764				04-25-21	VST	STR	NE	SW	30	17N	67E	0.000	IRR	0.00	40.00	WP	CASIER, ELAINE E.	
V01778				02-28-20	VST	SPR	SW	NW	27	24N	65E	0.200	STK	0.00	10.74	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01779				02-28-20	VST	SPR	NW	SW	17	23N	65E	0.200	STK	0.00	5.68	WP	HENRIOD, EUGENE	
V01781				08-08-21	VST	SPR	SE	NE	18	23N	65E	0.200	STK	0.00	10.74	WP	HENROID, EUGENE	
V01782				02-28-20	VST	SPR	SW	SE	07	23N	65E	0.200	STK	0.00	10.74	WP	HENRIOD, EUGENE	
V01783				01-09-22	VST	SPR	NE	NW	07	23N	65E	0.200	STK	0.00	0.00	WP	ALBERT ROSENLUND	
V01969				01-26-26	VST	STR	NW	NW	15	20N	66E	1.000	IRR	0.00	400.00	WP	GEORGE ELDRIDGE & SON, INC.	
V02077				04-01-27	VST	SPR	SW	SE	29	14N	67E	0.050	STK	0.00	11.20	WP	ROBISON, DOYLE C.	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V02078				04-01-27	VST	STR	NW	NW	23	15N	66E	0.050	STK	0.00	11.20		WP	ADAMS-MCGILL COMPANY
V02222				02-14-30	VST	SPR	NW	NE	26	23N	66E	0.025	STK	0.00	6.08		WP	SELLAS, GUST T.
V02223				02-14-30	VST	SPR	NW	NE	02	22N	66E	0.025	STK	0.00	6.05		WP	SELLAS, WILLIAM
V02286				04-21-36	VST	STR	SW	NW	16	20N	66E	2.000	IRR	0.00	78.68		WP	CLARK, ALONZO
V02305				09-13-40	DEC	STR	NW	NE	34	20N	66E	0.000	IRR	0.00	877.20		WP	SOUTHERN NEVADA WATER AUTHORITY
V02329				02-13-45	VST	SPR	SW	SE	13	23N	65E	0.050	STK	0.00	20.90		WP	NEVADA LAND & RESOURCE CO LLC
V02332				02-06-46	DEC	STR	SW	SE	28	20N	66E	1.418	IRR	0.00	517.56		WP	GEORGE ELDRIDGE & SON, INC.
V02804				08-28-72	DEC	STR	SW	SW	24	18N	66E	7.039	IRR	0.00	904.62		WP	SOUTHERN NEVADA WATER AUTHORITY
V02805				08-28-72	DEC	STR	NE	NE	26	19N	66E	6.666	IRR	0.00	629.85		WP	SOUTHERN NEVADA WATER AUTHORITY
V02807				09-18-72	VST	STR	NE	NW	29	18N	66E	0.015	STK	0.00	1.50		WP	USFS
V02808				09-18-72	DEC	STR	SE	NE	01	18N	65E	0.051	STK	0.00	1.50		WP	USFS
V02809				09-18-72	DEC	SPR	NW	NE	28	19N	66E	0.005	STK	0.00	3.68		WP	USFS
V02817				01-16-73	VST	SPR	SE	NW	18	16N	67E	10.000	IRR		9600.00		WP	LDS
V02818				01-16-73	VST	SPR	NW	SE	18	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02819				01-16-73	VST	SPR	NE	SE	18	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02820				01-16-73	VST	SPR	SE	SE	18	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02821				01-16-73	VST	SPR	NE	NE	19	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02822				01-16-73	VST	SPR	SW	SW	17	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02823				01-16-73	VST	SPR	NW	NW	20	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02824				01-16-73	VST	SPR	NE	SE	19	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02825				01-16-73	VST	SPR	SE	NE	19	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02826				01-16-73	VST	SPR	SW	NW	20	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02827				01-16-73	VST	SPR	NW	SW	20	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02828				01-16-73	VST	SPR	SE	NW	20	16N	67E	10.000	IRR	0.00	9600.00		WP	LDS
V02834				01-14-74	VST	STR	NE	NW	16	13N	68E	0.015	STK	0.00	5.43		WP	USFS
V02835				01-14-74	VST	STR	NE	NE	32	13N	68E	0.015	STK	0.00	2.30		WP	USFS
V02836				01-14-74	VST	STR	SW	SE	03	11N	68E	0.751	STK	0.00	0.00		WP	USFS
V02837				01-14-74	VST	SPR	SW	SE	20	13N	68E	0.015	STK	0.00	2.30		WP	USFS
V02838				01-14-74	VST	STR	NE	SW	16	13N	68E	0.015	STK	0.00	2.30		WP	USFS
V02842				03-25-74	VST	SPR	SW	NW	28	13N	68E	0.500	STK	0.00	1.41		WP	USFS
V02851				04-17-75	VST	SPR	SW	NE	26	13N	67E	0.000	IRR	0.00	529.60		WP	SOUTHERN NEVADA WATER AUTHORITY
V02852				04-17-75	VST	SPR	NW	SW	25	13N	67E	0.000	IRR	0.00	574.40		WP	SOUTHERN NEVADA WATER AUTHORITY
V02853				04-17-75	VST	SPR	SW	SE	30	13N	68E	0.000	IRR	0.00	600.80		WP	SOUTHERN NEVADA WATER AUTHORITY
V02854				04-17-75	VST	SPR	SW	SE	30	13N	68E	0.000	IRR	0.00	659.60		WP	SOUTHERN NEVADA WATER AUTHORITY
V02855				04-17-75	VST	SPR	NW	NW	36	13N	67E	1.000	IRR	0.00	646.80		WP	SOUTHERN NEVADA WATER AUTHORITY
V02860				07-22-75	VST	STR	NW	NW	07	12N	68E	0.000	IRR	0.00	3027.72		WP	SOUTHERN NEVADA

Number of Records: 505

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.000						WATER AUTHORITY	
V02861				07-22-75	VST	STR	NE	NW	18	12N	68E	0.000	IRR	0.00	3027.72	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02915				12-21-76	VST	SPR	NW	NE	15	10N	68E	0.005	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V03543				12-05-80	VST	SPR	SE	NW	36	17N	65E	0.015	STK	0.00	2.27	WP	USFS	
V03549				12-05-80	VST	SPR	NW	SW	02	16N	66E	0.015	STK	0.00	2.03	WP	USFS	
V03550				12-05-80	VST	SPR	SE	NE	12	16N	65E	0.015	STK	0.00	1.99	WP	USFS	
V03551				12-05-80	VST	SPR	NE	NW	08	16N	66E	0.015	STK	0.00	2.03	WP	USFS	
V03554				12-05-80	VST	SPR	NE	NW	10	16N	65E	0.015	STK	0.00	2.03	WP	USFS	
V03555				12-05-80	VST	SPR	NE	SE	12	16N	65E	0.015	STK	0.00	2.03	WP	USFS	
V03556				12-05-80	VST	SPR	SE	NW	01	16N	65E	0.015	STK	0.00	2.03	WP	USFS	
V03557				12-05-80	VST	SPR	SE	SW	36	17N	65E	0.015	STK	0.00	2.27	WP	USFS	
V03558				12-05-80	VST	SPR	SW	SW	36	17N	65E	0.015	STK	0.00	2.27	WP	USFS	
V03559				12-05-80	VST	SPR	SE	NW	36	17N	65E	0.015	STK	0.00	2.27	WP	USFS	
V03560				12-05-80	VST	SPR	NW	NE	10	17N	66E	0.015	STK	0.00	0.55	WP	USFS	
V03562				12-05-80	VST	SPR	NE	SE	22	17N	66E	0.015	STK	0.00	0.55	WP	USFS	
V03563				12-05-80	VST	SPR	SE	NE	22	17N	66E	0.015	STK	0.00	0.55	WP	USFS	
V04722				11-09-88	VST	STR	SW	NE	32	14N	68E	0.500	MM	0.00	0.00	WP	PONY EXPRESS MINING & MILLING	
V09643				03-09-07	VST	OSW						0.000	STK	0.00	10.00	WP	GEORGE ELDRIDGE & SON, INC.	
V09665				06-06-07	VST	SPR	NE	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09666				06-06-07	VST	SPR	SW	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09667				06-06-07	VST	SPR	SE	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09668				06-06-07	VST	SPR	NE	SW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09669				06-06-07	VST	SPR	NE	NW	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09670				06-06-07	VST	SPR	NW	NW	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09671				06-06-07	VST	SPR	NE	NW	30	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09672				06-06-07	VST	SPR	SE	NE	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09818				08-25-09	VST	SPR	SE	NE	01	16N	65E	0.012	STK	0.00	0.00	WP	BLUE DIAMOND OIL CORPORATION	

PRELIMINARY DATA  
SUBJECT TO REVISION

**Appendix 34**

**NDWR HA 184, Spring Valley,  
Spreadsheet of Water Rights**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
802	25	802m		CER	SPR	STK	OLSEN, GASTEN
<b>811</b>	<b>131</b>	<b>811m</b>		<b>CER</b>	<b>LAK</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>813</b>	<b>659</b>	<b>813m</b>		<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>920</b>	<b>866</b>	<b>920m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
957	71	957m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5%
983	171	983m		CER	STR	MM	PILOT KNOB GOLD MINING & MILLING CO.
1052	244	1052m	X	CER	STR	IRR	BAAL, JOHN MICHAEL JR.
1159	134	1159m	X	CER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
1520	107	1520m	X	CER	STR	IRR	OLSEN, CASTEN
1616	109	1616m		CER	SPR	STK	KEEGAN, C J
1724	184	1724m		CER	SPR	STK	CORP. OF CHURCH OF LATTER-DAY SAINTS
1900	117	1900m		CER	SPR	STK	GEORGE ELDRIDGE & SON, INC.
1901	118	1901m		CER	SPR	STK	GEORGE ELDRIDGE & SON, INC.
1922	179	1922m	X	CER	SPR	IRR	FARREL, FRANKLIN JR.
<b>2005</b>	<b>406</b>	<b>2005m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
2108	29	2108m		CER	SPR	STK	PRODUCTION CREDIT CORPORATION
2261	215	2261m		CER	SPR	IRR	KOLCHEK, ALEX
2486	258	2486m		CER	SPR	MM	MCMILLIN TRUST
2710	259	2710m		CER	SPR	MM	MCMILLIN TRUST
2745	167	2745m		CER	SPR	IRR	ADAMS MCGILL COMPANY
2852	902	2852m	X	CER	STR	IRR	LDS
3186	567	3186m	X	CER	STR	IRR	CORP. OF CHURCH OF LATTER-DAY SAINTS
3203	2645	3203m	X	CER	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
3383	1036	3383m	X	CER	STR	IRR	ANDRAE, ARTHUR & AUDRAE
3433	1210	3433m	X	CER	STR	IRR	BUNDY, CLARENCE A.
3646	1976	3646m	X	CER	SPR	STK	DOUTRE, JAMES
3793	2377	3793m	X	CER	SPR	IRR	ROGERS, G.W.
<b>3865</b>	<b>1068</b>	<b>3865m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
3926	1475	3926m	X	CER	SPR	STK	ROGERS, G.W.
3927	469	3927m	X	CER	SPR	IRR	CORP. OF CHURCH OF LATTER-DAY SAINTS
3973	5993	3973m	X	CER	SPR	STK	ROGERS, G. W.
<b>4041</b>	<b>1930</b>	<b>4041m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>4042</b>	<b>1929</b>	<b>4042m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>4043</b>	<b>1928</b>	<b>4043m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
4171	1981	4171m		CER	SPR	STK	ROBISON BROTHERS
<b>4418</b>	<b>660</b>	<b>4418m</b>		<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
4951	1209	4951m	X	CER	STR	IRR	BUNDY, CLARENCE A. & JOSEPHINE
5028	1541	5028m	X	CER	SPR	IRR	CORP. OF CHURCH OF LATTER-DAY SAINTS
<b>5143</b>	<b>517</b>	<b>5143m</b>		<b>CER</b>	<b>STR</b>	<b>STK</b>	<b>DOLAN, PHILIP J. (SNWA partial owner)</b>
5247		5247m		PER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
5308	603	5308m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
5499	562	5499m		CER	STR	MM	LESTER, VIRGINIA BOWEN
5546	714	5546m	X	CER	SPR	IRR	KAISER, KATHERINE A.
5563	605	5563m		CER	OSW	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
5571	11720	5571m		CER	SPR	STK	NEVADA LAND & RESOURCE CO LLC
5691	1325	5691m	X	CER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
5713	797	5713m		CER	SPR	STK	ROGERS, G.W.
5923	1280	5923m	X	CER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
6074	1038	6074m		CER	SPR	STK	YELLAND, LOUIS A.
6075	1037	6075m		CER	SPR	STK	GEORGE ELDRIDGE & SON, INC.
6290	1045	6290m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
6360		6360m		PER	SPR	IRR	DOUTRE, STEVE
6503	1296	6503m		CER	SPR	STK	PRODUCTION CREDIT CORPORATION
6632	1378	6632m		CER	UG	STK	GEORGE ELDRIDGE & SON, INC.

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

## Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
6754	1623	6754m	X	CER	SPR	IRR	CAZIER, JAMES
6808	1501	6808m		CER	SPR	STK	NEVADA LAND & RESOURCE CO LLC
<b>6834</b>	<b>1211</b>	<b>6834m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
7097	1314	7097m	X	CER	STR	STK	BEWS, HARRY
7161	1950	7161m		CER	SPR	STK	MURRAY SHEEP CO.
7419	1329	7419m		CER	SPR	STK	GEORGE S. ROBINSON & SONS
7446	1515	7446m		CER	UG	STK	PRODUCTION CREDIT CORP. OF BERKELEY
<b>7497</b>	<b>1618</b>	<b>7497m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
7700	1481	7700m		CER	SPR	STK	ROBISON BROS.
7701	1346	7701m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
7724	2170	7724m	X	CER	STR	MM	MARRIOTT, HENRY
7725	2171	7725m	X	CER	STR	MM	MARRIOTT, HENRY
7847	2221	7847m	X	CER	STR	PWR	ELY CALUMET MINING CORPORATION
8074	1365	8074m		CER	UG	STK	CL CATTLE COMPANY LLC
8075	1366	8075m		CER	UG	STK	ADAMS MCGILL COMPANY
8076	1367	8076m		CER	UG	STK	CL CATTLE COMPANY LLC
8077	1368	8077m		CER	UG	STK	ROBISON, DOYLE C.
8104	2065	8104m	X	CER	STR	STK	NEVADA LAND & RESOURCE CO LLC
8393	3213	8393m	X	CER	STR	IRR	CORP OF CHURCH OF LATTER-DAY SAINTS
8396	2220	8396m		CER	STR	MM	ELY CALUMET MINING CORPORATION
<b>8525</b>	<b>2409</b>	<b>8525m</b>	<b>X</b>	<b>CER</b>	<b>SPR</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
8542	1720	8542m		CER	UG	STK	GEORGE ELDRIDGE & SON, INC.
8547	2263	8547m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
8701	2626	8701m		CER	UG	STK	GEORGE ELDRIDGE & SON, INC.
8713	2410	8713m	X	CER	UG	STK	SWALLOW, GEORGE N.
8721	2509	8721m		CER	SPR	STK	CORP. OF CHURCH OF LATTER-DAY SAINTS
8804	1967	8804m		CER	STR	STK	BAAL, JOHN MICHAEL JR.
9435	2473	9435m		CER	UG	STK	GEORGE ELDRIDGE & SON, INC.
10487	5042	10487m	X	CER	STR	IRR	COPR. OF CHURCH OF LATTER-DAY SAINTS
10510	2607	10510m	X	CER	SPR	STK	FRANCIS, DAVID
<b>10703</b>	<b>8088</b>	<b>10703m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>10710</b>	<b>4011</b>	<b>10710m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>10766</b>	<b>3182</b>	<b>10766m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
10801	5202	10801m		CER	STR	IRR	MORIAH RANCHES INC
<b>10843</b>	<b>4870</b>	<b>10843m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
10914		10914m		RFA	STR	IRR	GEORGE ELDRIDGE & SON, INC.
10921	3375	10921m	X	CER	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
10993	3376	10993m		CER	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
11311	3125	11311m		CER	UG	STK	INTERMOUNTAIN RANCHES. LTD
11313	3126	11313m		CER	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
11314	3138	11314m		CER	UG	STK	INTERMOUNTAIN RANCHES, LTD
11354	3127	11354m		CER	UG	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
11355	3075	11355m		CER	UG	STK	HENRIOD, EUGENE A.
12467	3702	12467m		CER	UG	MM	MINERVA SCHEELITE MINING CO.
12571	4946	12571m	X	CER	SPR	IRR	DAVID J. ELDRIDGE
13457	4236	13457m	X	CER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
13652	4159	13652m		CER	SPR	IRR	BERGER, ALFRED R.
<b>15812</b>	<b>4808</b>	<b>15812m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
16890	4672	16890m		CER	UG	QM	PIERCE, L.L.
17017	4673	17017m	X	CER	STR	IRR	BAAL, JOHN MICHAEL JR.
<b>17163</b>	<b>4810</b>	<b>17163m</b>		<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
17723		17723m		RFA	STR	IRR	ELDRIDGE, GEORGE H.
18043	5490	18043m		CER	UG	STK	CL CATTLE COMPANY LLC
18044	5672	18044m		CER	UG	STK	CL CATTLE COMPANY LLC
18045	5491	18045m		CER	UG	STK	CL CATTLE COMPANY LLC
18183	5649	18183m		CER	SPR	MM	HUNTINGTON, GLEN
<b>18524</b>	<b>6138</b>	<b>18524m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>18525</b>	<b>6992</b>	<b>18525m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>18828</b>	<b>5492</b>	<b>18828m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>18829</b>	<b>5493</b>	<b>18829m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>18830</b>	<b>5494</b>	<b>18830m</b>		<b>CER</b>	<b>UG</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
18841	5673	18841m		CER	UG	STK	NEVADA LAND & RESOURCE CO LLC
18842	5674	18842m		CER	UG	STK	NEVADA LAND & RESOURCE CO LLC
18843	5675	18843m		CER	UG	STK	NEVADA LAND & RESOURCE CO LLC
<b>19076</b>		<b>19076m</b>		<b>RFP</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
19435	7800	19435m		CER	RES	IRR	ELDRIDGE, DELBERT D.
19436	7805	19436m		CER	RES	IRR	ELDRIDGE, DELBERT D.
<b>19654</b>	<b>6449</b>	<b>19654m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>20817</b>	<b>6777</b>	<b>20817m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>20895</b>	<b>7560</b>	<b>20895m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
21220	6505	21220m		CER	STR	IRR	ANDRAE, ARTHUR J.
21687	6506	21687m	X	CER	STR	IRR	ANDRAE, ARTHUR J.
21688	6507	21688m	X	CER	STR	IRR	ANDRAE, ARTHUR J.
21832	5817	21832m		CER	SPR	STK	ELDRIDGE, DAVID AND HELEN
<b>22545</b>	<b>7571</b>	<b>22545m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>22645</b>	<b>8112</b>	<b>22645m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
24260	8030	24260m		CER	SPR	MM	CRAWFORD, GLEN
<b>25439</b>	<b>9213</b>	<b>25439m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>25678</b>	<b>9294</b>	<b>25678m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>25679</b>	<b>9295</b>	<b>25679m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>25680</b>	<b>9296</b>	<b>25680m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>25857</b>		<b>25857m</b>		<b>RFP</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
26071		26071m		RFA	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
<b>26072</b>		<b>26072m</b>		<b>RFP</b>	<b>STR</b>	<b>IRR</b>	<b>GEORGE ELDRIDGE &amp; SON, INC.</b>
<b>26105</b>		<b>26105m</b>		<b>RFP</b>	<b>STR</b>	<b>IRR</b>	<b>GEORGE ELDRIDGE &amp; SON, INC.</b>
<b>26112</b>		<b>26112m</b>		<b>RFA</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26165</b>		<b>26165m</b>		<b>RFA</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26166</b>		<b>26166m</b>		<b>RFA</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26228</b>	<b>8363</b>	<b>26228m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26229</b>	<b>8364</b>	<b>26229m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26263</b>		<b>26263m</b>		<b>RFA</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
26266		26266m		RFA	STR	IRR	GEORGE ELDRIDGE & SON, INC.
<b>26268</b>		<b>26268m</b>		<b>RFA</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26398</b>		<b>26398m</b>		<b>RFA</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26399</b>		<b>26399m</b>		<b>RFA</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
26430		26430m		RFA	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
<b>26502</b>	<b>9300</b>	<b>26502m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>RASMUSSEN, JAMES B.</b>
<b>26546</b>	<b>8365</b>	<b>26546m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
26655		26655m		RFA	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
26656		26656m		RFP	SPR	IRR	GEORGE ELDRIDGE & SON, INC.
26740		26740m		RFP	OSW	IRR	GEORGE ELDRIDGE & SON, INC.
<b>26952</b>	<b>8366</b>	<b>26952m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>26953</b>	<b>8367</b>	<b>26953m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27378</b>	<b>8357</b>	<b>27378m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27739</b>	<b>9772</b>	<b>27739m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27740</b>	<b>9773</b>	<b>27740m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27741</b>	<b>9774</b>	<b>27741m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27742</b>	<b>9775</b>	<b>27742m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27743</b>	<b>9743</b>	<b>27743m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
27768	8979	27768m		CER	UG	WLD	WILDLIFE DEPARTMENT-NEVADA
<b>27901</b>	<b>9776</b>	<b>27901m</b>	<b>X</b>	<b>CER</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>27902</b>	<b>9744</b>	<b>27902m</b>	<b>X</b>	<b>CER</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>28653</b>	<b>10020</b>	<b>28653m</b>	<b>X</b>	<b>CER</b>	<b>UG</b>	<b>IRD</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>28790</b>	<b>9777</b>	<b>28790m</b>	<b>X</b>	<b>CER</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
28818	9023	28818m		CER	STR	IRR	GEORGE ELDRIDGE & SON, INC.
29162	10107	29162m	X	CER	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
29219	8875	29219m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
29220	8876	29220m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
29221	8877	29221m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
29371	10328	29371m		CER	UG	MM	GOLDEN EAGLE MINING, INC.
29567	10329	29567m		CER	UG	MM	GOLDEN EAGLE MINING, INC.
30319	10725	30319m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
31239	10334	31239m		CER	UG	MM	MOYLE, LANE
34704		34704m		PER	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
34727	11889	34727m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
38972	11632	38972m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
39455	10441	39455m		CER	UG	STK	SOUTHERN NEVADA WATER AUTHORITY
39817		39817m		PER	UG	IRR	GEORGE ELDRIDGE & SON, INC.
39818		39818m		PER	UG	IRR	GEORGE ELDRIDGE & SON, INC.
45287	11017	45287m	X	CER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
45496	11965	45496m		CER	UG	STK	OKELBERRY, RAY
45675		45675m		RFA	STR	PWR	GEORGE ELDRIDGE & SON, INC.
45676		45676m		RFA	STR	PWR	GEORGE ELDRIDGE & SON, INC.
45677		45677m		RFA	STR	PWR	GEORGE ELDRIDGE & SON, INC.
45678		45678m		RFA	STR	PWR	GEORGE ELDRIDGE & SON, INC.
45679		45679m		RFA	STR	PWR	GEORGE ELDRIDGE & SON, INC.
45681		45681m		RFA	STR	PWR	ROBISON, REED B. (SNWA partial owner)
45682		45682m		RFA	STR	PWR	SOUTHERN NEVADA WATER AUTHORITY
45683		45683m		RFA	STR	PWR	SOUTHERN NEVADA WATER AUTHORITY
45684		45684m		RFA	STR	PWR	SOUTHERN NEVADA WATER AUTHORITY
45685		45685m		RFA	STR	PWR	SOUTHERN NEVADA WATER AUTHORITY
45748		45748m		RFP	STR	PWR	ELDRIDGE, BRENT
45749		45749m		RFA	STR	PWR	ELDRIDGE, BRENT (SNWA partial owner)
45750		45750m		RFA	STR	PWR	ELDRIDGE, BRENT (SNWA partial owner)
46790	13034	46790m		CER	OGW	MM	HUCKALEY, LESTER VERNON
46973	12667	46973m		CER	SPR	MM	OSTLUND, ROBERT E.
46975	13925	46975m		CER	SPR	MM	OSTLUND, ROBERT
46978	14935	46978m		CER	SPR	MM	OSTLUND, ROBERT
47352	14240	47352m		CER	SPR	MM	SALISBURY, FRED
48724	12339	48724m	X	CER	SPR	STK	SOUTHERN NEVADA WATER AUTHORITY
50772	14454	50772m	X	CER	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
54003		54003m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54004		54004m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54005		54005m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54006		54006m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54007		54007m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54008		54008m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54009		54009m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54010		54010m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54011		54011m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54012		54012m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54013		54013m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54014		54014m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54015		54015m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54016		54016m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54017		54017m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54018		54018m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54019		54019m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54020		54020m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54021		54021m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
54204		54204m		PER	UG	IRR	LDS
54205		54205m		PER	UG	IRR	LDS
55363		55363m		PER	SPR	IRR	SOUTHERN NEVADA WATER AUTHORITY
55364		55364m		PER	SPR	IRR	SOUTHERN NEVADA WATER AUTHORITY
55365		55365m		PER	SPR	IRR	SOUTHERN NEVADA WATER AUTHORITY
55370		55370m		RFP	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
56049		56049m		PER	UG	IRR	GEORGE ELDRIDGE & SON, INC.

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

## Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
56050	17888	56050m		CER	UG	IRR	GEORGE ELDRIDGE & SON, INC.
56051		56051m		PER	UG	IRR	GEORGE ELDRIDGE & SON, INC.
56236	16462	56236m		CER	SPR	DOM	WESTLAND-RE, LLC 63.49% AND NW, LLC 36.51%
58302		58302m		PER	UG	MM	MINEL, INC.
58494		58494m		RFA	STR	PWR	SOUTHERN NEVADA WATER AUTHORITY
60086		60086m		PER	UG	WLD	BLM
60104	16135	60104m	X	CER	UG	STK	SOUTHERN NEVADA WATER AUTHORITY
63532		63532m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
63533		63533m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
65641		65641m		PER	UG	QM	FAVA, PAUL & SHEILA
66734	16910	66734m	X	CER	SPR	IRR	FILLMAN, PATRICK D. & KRISTINE K.
67319		67319m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67320		67320m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67321		67321m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67322		67322m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67323		67323m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67324		67324m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67325		67325m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67326		67326m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67327		67327m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67328		67328m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67329		67329m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67330		67330m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67331		67331m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67332		67332m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
67333		67333m		RFP	UG	IRR	JOHNSON, ALAN D. AND SHELLEY C.
69726		69726m		RFA	UG	IRR	CORP OF CHURCH JESUS CHRIST OF LDS
69727		69727m		RFA	UG	IRR	CORP OF CHURCH JESUS CHRIST OF LDS
71525		71525m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY **Permit increase of diversion rate only. Combined duty terms with pre October 17, 1989 rights, therefore not considered pre October 17, 1989 rights.
71526		71526m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
71565		71565m		RFA	UG	IRR	MORIAH RANCHES, INC.
71603		71603m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY **Permit increase of diversion rate only. Combined duty terms with pre October 17, 1989 rights, therefore not considered pre October 17, 1989 rights.
71840		71840m		PER	UG	IRR	GEORGE ELDRIDGE & SON, INC.
72643		72643m		PER	UG	QM	GIANOLI, JOHN C. & JULIE A.
74274		74274m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
75316		75316m		RFA	UG	IRR	BENSON, ROBERT E.
75395		75395m		RFP	OSW	IRR	MORIAH RANCHES, INC.
75396		75396m		RFP	OSW	IRR	MORIAH RANCHES, INC.
76654		76654m		RFA	UG	OTH	RICHARD W. AND LESLIE ANN SEARS
77126		77126m		PER	SPR	DOM	PAUL F. TILMAN
77383		77383m		PER	UG	WLD	BLM
77384		77384m		PER	UG	WLD	BLM
77517		77517m		RFP	UG	WLD	SOUTHERN NEVADA WATER AUTHORITY
77518		77518m		RFP	UG	STK	SOUTHERN NEVADA WATER AUTHORITY
77519		77519m		RFP	UG	STK	SOUTHERN NEVADA WATER AUTHORITY
77520		77520m		RFP	UG	STK	SOUTHERN NEVADA WATER AUTHORITY
77583		77583m		PER	SPR	DOM	THE BURKE FAMILY TRUST
77714		77714m		PER	STR	STK	SOUTHERN NEVADA WATER AUTHORITY
78107		78107m		PER	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
78767		78767m		RFP	UG	WLD	BLM
79023		79023m		RFP	UG	QM	GEORGE ELDRIDGE & SON INC
79265		79265m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79266		79266m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79279		79279m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**  
**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
79280		79280m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79281		79281m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79282		79282m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79283		79283m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79284		79284m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79285		79285m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79286		79286m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79287		79287m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79288		79288m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79289		79289m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79290		79290m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79291		79291m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79292		79292m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79293		79293m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79294		79294m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79295		79295m		RFP	UG	MUN	SOUTHERN NEVADA WATER AUTHORITY
79423		79423m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79424		79424m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79425		79425m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79426		79426m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79427		79427m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79428		79428m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79429		79429m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79430		79430m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79431		79431m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79432		79432m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79433		79433m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79434		79434m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79435		79435m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79436		79436m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79468		79468m		RFP	UG	IRR	RICHARD W AND LESLIE ANN SEARS
79499		79499m		RFP	STR	IRR	SNWA
79500		79500m		RFP	SPR	IRR	SNWA
79501		79501m		RFP	SPR	IRR	SNWA
79502		79502m		RFP	STR	IRR	SNWA
79503		79503m		RFP	STR	IRR	SNWA
79504		79504m		RFP	STR	IRR	SNWA
79505		79505m		RFP	UG	STK	SNWA
79506		79506m		RFP	SPR	IRR	SNWA
79507		79507m		RFP	SPR	IRR	SNWA
79508		79508m		RFP	SPR	IRR	SNWA
79509		79509m		RFP	STR	IRR	SNWA
79510		79510m		RFP	SPR	IRR	SNWA
79511		79511m		RFP	UG	STK	SNWA
79512		79512m		RFP	UG	IRR	SNWA
79513		79513m		RFP	UG	IRR	SNWA
79514		79514m		RFP	UG	IRR	SNWA
79515		79515m		RFP	STR	IRR	SNWA
79516		79516m		RFP	STR	IRR	SNWA
79517		79517m		RFP	SPR	IRR	SNWA
79519		79519m		RFP	UG	IRR	SNWA
79520		79520m		RFP	STR	IRR	SNWA
79521		79521m		RFP	STR	IRR	SNWA
79522		79522m		RFP	UG	IRR	SNWA
79523		79523m		RFP	UG	IRR	SNWA
79524		79524m		RFP	UG	IRR	SNWA
79712		79712m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79713		79713m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79714		79714m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79715		79715m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79716		79716m		RFP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79719		79719m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79720		79720m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
79721		79721m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79722		79722m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79723		79723m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79724		79724m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79725		79725m		RFA	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79726T		79726Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79727T		79727Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79728T		79728Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79729T		79729Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79730T		79730Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79731T		79731Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79732T		79732Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
79733T		79733Tm		APP	UG	IRR	SOUTHERN NEVADA WATER AUTHORITY
80453		80453m		RFP	STR	IRR	LDS
80454		80454m		RFP	STR	IRR	LDS
80455		80455m		RFP	STR	IRR	LDS
80456		80456m		RFP	STR	DEC	LDS
80559		80559m		APP	UG	STK	SNWA
80562		80562m		APP	SPR	STK	SNWA
80563		80563m		APP	SPR	STK	SNWA
80564		80564m		APP	SPR	STK	SNWA
80567		80567m		APP	SPR	STK	SNWA
80568		80568m		APP	SPR	STK	SNWA
80569		80569m		APP	SPR	STK	SNWA
80572		80572m		APP	UG	STK	SNWA
80573		80573m		APP	SPR	STK	SNWA
80574		80574m		APP	SPR	STK	SNWA
80575		80575m		APP	SPR	STK	SNWA
80601T		80601m		RFA	STR	COM	LDS
80602T		80602m		RFA	UG	COM	LDS
R05269		Not On File		RES	SPR	OTH	BLM
R05272		Not On File		RES	SPR	OTH	BLM
R05273		Not On File		RES	SPR	OTH	BLM
R05274		Not On File		RES	SPR	OTH	BLM
R05276		Not On File		RES	SPR	OTH	BLM
R05278		Not On File		RES	SPR	OTH	BLM
R05279		Not On File		RES	SPR	OTH	BLM
R05280		Not On File		RES	SPR	OTH	BLM
R05281		Not On File		RES	SPR	OTH	BLM
R05282		Not On File		RES	SPR	OTH	BLM
R05283		Not On File		RES	SPR	OTH	BLM
R05284		Not On File		RES	SPR	OTH	BLM
R05285		Not On File		RES	SPR	OTH	BLM
R05286		Not On File		RES	SPR	OTH	BLM
R05287		Not On File		RES	SPR	OTH	BLM
R05288		Not On File		RES	SPR	OTH	BLM
R05289		Not On File		RES	SPR	OTH	BLM
R05290		Not On File		RES	SPR	OTH	BLM
R05291		Not On File		RES	SPR	OTH	BLM
R05292		Not On File		RES	SPR	OTH	BLM
R05293		Not On File		RES	SPR	OTH	BLM
R05294		Not On File		RES	SPR	OTH	BLM
R05295		Not On File		RES	SPR	OTH	BLM
R09418		Not On File		RES	SPR	STK	BLM
V00714		Not On File		VST	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
V00767		Not On File		VST	STR	IRR	STARKWEATHER, MR.
V00789		Not On File		VST	STR	IRR	MCGILL, WM.
V00790		V00790m		VST	STR	IRR	LDS
V00791		V00791m	X	VST	STR	IRR	SOUTHERN NEVADA WATER AUTHORITY
V00802		Not On File		VST	STR	STK	HYDE, J.A.

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

## Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
V01023		V01023m		VST	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
V01024		V01024m		VST	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & AND LAREE GARDNER (17.5% UNDIVIDED INTEREST)
V01026		Not On File		VST	STR	IRR	SWALLOW, GEORGE
V01069		V01069m		VST	STR	STK	BLM
V01080		V01080m		VST	STR	IRR	CORP. OF CHURCH OF LATTER-DAY SAINTS
V01081		V01081m		VST	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
V01125		V01125m		VST	SPR	MM	TILFORD, T. B.
V01176		V01176m		VST	SPR	STK	SELLAS, WILLIAM
V01180		V01180m		VST	RES	STK	NEVADA LAND & RESOURCE CO LLC
V01181		V01181m		VST	SPR	STK	NEVADA LAND & RESOURCE CO LLC
V01194		V01194m		VST	SPR	STK	BEWS, HARRY
V01195		V01195m		VST	SPR	STK	BEWS, HARRY
V01213		V01213m	X	VST	STR	IRR	GEORGE ELDRIDGE & SON, INC.
V01214		V01214m	X	VST	STR	IRR	GEORGE ELDRIDGE & SON, INC.
<b>V01215</b>		<b>V01215m</b>		<b>VST</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V01216</b>		<b>V01216m</b>		<b>VST</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
V01217		V01217m		VST	STR	IRR	LDS
V01218		V01218m		VST	STR	IRR	LDS
V01219		V01219m		VST	STR	IRR	GEORGE ELDRIDGE & SON, INC.
V01614		N/A MM		VST	SPR	MM	BOWEN, LUELLA VIRGINIA
V01634		V01634m		VST	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
<b>V01637</b>		<b>N/A Stock</b>		<b>VST</b>	<b>SPR</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
V01648		V01648m		VST	STR	IRR	GEORGE ELDRIDGE & SON, INC.
V01665		N/A Stock		VST	SPR	STK	CARTER, A. N. & LAFAYETTE
V01669		V01669m		VST	SPR	STK	CL CATTLE COMPANY LLC
V01686		V01686m		VST	STR	IRR	DOUTRE, JAMES
V01728		V01728m		VST	SPR	STK	GEYSER RANCH, LLC
V01764		V01764m		VST	STR	IRR	CASIER, ELAINE E.
V01778		V01778m		VST	SPR	STK	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)
V01779		V01779m		VST	SPR	STK	HENRIOD, EUGENE
V01781		V01781m		VST	SPR	STK	HENROID, EUGENE
V01782		V01782m		VST	SPR	STK	HENRIOD, EUGENE
V01783		V01783m		VST	SPR	STK	ALBERT ROSEN LUND
V01969		V01969m		VST	STR	IRR	GEORGE ELDRIDGE & SON, INC.
V02077		V02077m		VST	SPR	STK	ROBISON, DOYLE C.
V02078		V02078m		VST	STR	STK	ADAMS MCGILL COMPANY
V02222		V02222m		VST	SPR	STK	SELLAS, GUST T.
V02223		V02223m		VST	SPR	STK	SELLAS, WILLIAM
V02286		V02286m		VST	STR	IRR	CLARK, ALONZO
<b>V02305</b>		<b>V02305m</b>		<b>DEC</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
V02329		V02329m		VST	SPR	STK	NEVADA LAND & RESOURCE CO LLC
V02332		V02332m		DEC	STR	IRR	GEORGE ELDRIDGE & SON, INC.
<b>V02804</b>		<b>V02804m</b>	<b>X</b>	<b>DEC</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02805</b>		<b>V02805m</b>		<b>DEC</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
V02807		Not On File		VST	STR	STK	USFS
V02808		Not On File		DEC	STR	STK	USFS
V02809		Not On File		DEC	SPR	STK	USFS
V02817		Not On File		VST	SPR	IRR	LDS

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**  
**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Spring Valley Basin 184 Spreadsheet of Water Rights (Current as of April 1, 2011)**

Application	Certificate	App Map	PBU Map	Status	Source	Type of Use	Owner of Record
V02818		Not On File		VST	SPR	IRR	LDS
V02819		Not On File		VST	SPR	IRR	LDS
V02820		Not On File		VST	SPR	IRR	LDS
V02821		Not On File		VST	SPR	IRR	LDS
V02822		Not On File		VST	SPR	IRR	LDS
V02823		Not On File		VST	SPR	IRR	LDS
V02824		Not On File		VST	SPR	IRR	LDS
V02825		Not On File		VST	SPR	IRR	LDS
V02826		Not On File		VST	SPR	IRR	LDS
V02827		Not On File		VST	SPR	IRR	LDS
V02828		Not On File		VST	SPR	IRR	LDS
V02834		Not On File		VST	STR	STK	USFS
V02835		Not On File		VST	STR	STK	USFS
V02836		Not On File		VST	STR	STK	USFS
V02837		Not On File		VST	SPR	STK	USFS
V02838		Not On File		VST	STR	STK	USFS
V02842		Not On File		VST	SPR	STK	USFS
<b>V02851</b>		<b>V02851m</b>		<b>VST</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02852</b>		<b>V02852m</b>		<b>VST</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02853</b>		<b>V02853m</b>		<b>VST</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02854</b>		<b>V02854m</b>		<b>VST</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02855</b>		<b>V02855m</b>		<b>VST</b>	<b>SPR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02860</b>		<b>V02860m</b>		<b>VST</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02861</b>		<b>V02861m</b>		<b>VST</b>	<b>STR</b>	<b>IRR</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
<b>V02915</b>		<b>V02915m</b>		<b>VST</b>	<b>SPR</b>	<b>STK</b>	<b>SOUTHERN NEVADA WATER AUTHORITY</b>
V03543		Not On File		VST	SPR	STK	USFS
V03549		Not On File		VST	SPR	STK	USFS
V03550		Not On File		VST	SPR	STK	USFS
V03551		Not On File		VST	SPR	STK	USFS
V03554		Not On File		VST	SPR	STK	USFS
V03555		Not On File		VST	SPR	STK	USFS
V03556		Not On File		VST	SPR	STK	USFS
V03557		Not On File		VST	SPR	STK	USFS
V03558		Not On File		VST	SPR	STK	USFS
V03559		Not On File		VST	SPR	STK	USFS
V03560		Not On File		VST	SPR	STK	USFS
V03562		Not On File		VST	SPR	STK	USFS
V03563		Not On File		VST	SPR	STK	USFS
V04722		Not On File		VST	STR	MM	PONY EXPRESS MINING & MILLING
V09643		Not On File		VST	OSW	STK	GEORGE ELDRIDGE & SON, INC.
V09665		V09665m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09666		V09666m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09667		V09667m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09668		V09668m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09669		V09669m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09670		V09670m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09671		V09671m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA
V09672		V09672m	X	VST	SPR	IRR	ANDREA, ARTHUR AND ANDREA

**Red Font = SNWA Owned Water Rights or Processing NDWR Ownership Transfer to SNWA**

**Green Font = Active Water Rights with Priority Date post October 17, 1989**

**Appendix 35**

**NDWR HA 184 Summary**

# HYDROGRAPHIC AREA SUMMARY

Hydrographic Area No. **184** Hydrographic Area Name **SPRING VALLEY**

Subarea Name

Hydrographic Region No. **10** Hydrographic Region Name **CENTRAL**

Area (sq. mi.) **1661**

Counties within the hydrographic area **White Pine, Lincoln**

Nearest Communities to Hydrographic Area **Ely, Baker**

Designated (Y/N, Order No.) **N** For All or Portion of Basin

Preferred Use **None** For All or Portion of Basin

State Engineer's Orders:  (Click search icons to find all designation orders or rulings for this basin) For All or Portion of Basin

State Engineer's Rulings 

Pumpage Inventory Status **None** Crop Inventory Status **None**

Water Level Measurement? **None**

Yield Values

Perennial Yield (AFY) **80000**

System Yield (AFY)

Yield Reference(s) **State Engineers Ruling 5726**

Yield Remarks

Source of Committed Data:	<b>NDWR Database</b>	Supplementally Adjusted?	<b>Y</b>
Manner Of Use		Underground	Geothermal

Commercial	0.00	0.00
Construction	0.00	0.00
Domestic	0.00	0.00
Environmental	0.00	0.00
Industrial	0.00	0.00
Irrigation (Carey Act)	0.00	0.00
Irrigation (DLE)	836.98	0.00
Irrigation	19,002.67	0.00
Mining and Milling	1,360.70	0.00
Municipal	0.00	0.00
Power	0.00	0.00
Quasi-Municipal	78.64	0.00
Recreation	0.00	0.00
Stockwater	403.92	0.00
Storage	0.00	0.00
Wildlife	57.99	0.00
Other	0.00	0.00
<b>Totals</b>	<b>21,740.91</b>	<b>0.00</b>

Related Reports

USGS Reconnaissance **33** USGS Bulletin **None**

Other References

Comments

**Appendix 36**

**Hydrographic Abstract for All Active Applications  
within NDWR HA 184, Spring Valley, with  
Manner of Use as “Stockwater”**

# Hydrographic Abstract

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	10510		2607	05-20-40	CER	SPR	NW	NW	25	07N	68E	0.019	STK	0.00	9.91	LI	FRANCIS, DAVID	
	11311		3125	06-09-45	CER	UG	SW	SE	19	23N	66E	0.017	STK	0.00	7.06	WP	INTERMOUNTAIN RANCHES. LTD	
	11313		3126	06-16-45	CER	SPR	SE	NE	02	22N	65E	0.017	STK	0.00	7.58	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	11314		3138	06-16-45	CER	UG	SW	SW	05	22N	66E	0.016	STK	0.00	6.54	WP	INTERMOUNTAIN RANCHES, LTD	
	11354		3127	08-11-45	CER	UG	NE	NE	10	20N	67E	0.040	STK	0.00	26.42	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
	11355		3075	08-11-45	CER	UG	SE	SE	07	23N	66E	0.004	STK	0.00	2.88	WP	HENRIOD, EUGENE A.	
	1616		109	02-18-10	CER	SPR	NW	NW	26	19N	68E	0.006	STK	0.00	4.36	WP	KEEGAN, C J	
	1724		184	06-15-10	CER	SPR	SE	NW	15	17N	68E	0.010	STK	0.00	7.21	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
	18043		5490	06-08-59	CER	UG	SW	SW	31	12N	67E	0.006	STK	0.00	4.48	WP	CL CATTLE COMPANY LLC	
	18044		5672	06-08-59	CER	UG	NW	NW	06	11N	67E	0.006	STK	0.00	4.48	WP	CL CATTLE COMPANY LLC	
	18045		5491	06-08-59	CER	UG	NW	SE	35	11N	66E	0.010	STK	0.00	8.96	WP	CL CATTLE COMPANY LLC	
	18828		5492	05-11-60	CER	UG	NE	NW	13	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18829		5493	05-11-60	CER	UG	SE	NW	24	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18830		5494	05-11-60	CER	UG	NE	NW	27	12N	67E	0.006	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18841		5673	05-13-60	CER	UG	NW	SE	20	15N	67E	0.011	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	18842		5674	05-13-60	CER	UG	NW	NE	32	15N	67E	0.013	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	18843		5675	05-13-60	CER	UG	SW	NE	29	15N	67E	0.013	STK	0.00	8.96	WP	NEVADA LAND & RESOURCE CO LLC	
	1900		117	12-07-10	CER	SPR	SW	SE	02	17N	68E	0.025	STK	0.00	1.53	WP	GEORGE ELDRIDGE & SON, INC.	
	1901		118	12-07-10	CER	SPR	NE	NE	22	18N	68E	0.025	STK	0.00	1.53	WP	GEORGE ELDRIDGE &	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.025						SON, INC.	
2108			29	06-16-11	CER	SPR	NE	SW	29	14N	68E	0.025	STK	0.00	2.98	WP	PRODUCTION CREDIT CORPORATION	
21832			5817	02-21-64	CER	SPR	SE	SW	08	15N	68E	0.001	STK	0.00	0.68	WP	ELDRIDGE, DAVID AND HELEN	
3646			1976	10-21-15	CER	SPR	NW	NE	14	24N	65E	0.012	STK	0.00	8.96	WP	DOUTRE, JAMES	
3926			1475	04-24-16	CER	SPR	NW	NE	21	16N	68E	0.025	STK	0.00	18.08	WP	ROGERS, G.W.	
39455			10441	11-01-79	CER	UG	SW	SW	13	12N	67E	0.020	STK	0.00	14.49	WP	SOUTHERN NEVADA WATER AUTHORITY	
3973			5993	05-13-16	CER	SPR	SW	NW	10	16N	67E	0.008	STK	0.00	5.65	WP	ROGERS, G.W.	
4171			1981	10-02-16	CER	SPR	NW	SE	04	14N	67E	0.020	STK	0.00	14.33	WP	ROBISON BROTHERS	
45496			11965	04-02-82	CER	UG	SE	NW	23	08N	68E	0.120	STK	0.00	86.24	LI	OKELBERRY, RAY	
48724			12339	01-17-85	CER	SPR	NW	NE	15	10N	68E	0.180	STK	0.00	4.51	WP	SOUTHERN NEVADA WATER AUTHORITY	
5143			517	07-10-18	CER	STR	NE	NE	27	09N	67E	0.015	STK	0.00	10.86	LI	DOLAN, PHILIP J.	
5308			603	11-15-18	CER	SPR	SE	SE	29	21N	69E	0.010	STK	0.00	7.24	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
5563			605	06-23-19	CER	OSW	SE	SW	17	21N	69E	0.012	STK	0.00	5.92	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
5571			11720	06-23-19	CER	SPR	NE	NW	14	24N	66E	0.012	STK	0.00	8.68	WP	NEVADA LAND & RESOURCE CO LLC	
5713			797	09-05-19	CER	SPR	NW	NW	32	16N	68E	0.006	STK	0.00	3.65	WP	ROGERS, G.W.	
60104			16135	05-27-94	CER	UG	NW	SE	16	13N	67E	0.003	STK	0.00	2.26	WP	SOUTHERN NEVADA WATER AUTHORITY	
6074			1038	04-26-20	CER	SPR	NW	SW	02	17N	68E	0.018	STK	0.00	8.96	WP	YELLAND, LOUIS A.	
6075			1037	04-26-20	CER	SPR	SW	NE	22	18N	68E	0.018	STK	0.00	9.73	WP	GEORGE ELDRIDGE & SON, INC.	
6290			1045	10-04-20	CER	SPR	SW	SW	25	22N	68E	0.010	STK	0.00	7.12	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
6503			1296	06-30-21	CER	SPR	NW	SW	13	13N	65E	0.003	STK	0.00	1.50	WP	PRODUCTION CREDIT CORPORATION	
6632			1378	02-17-22	CER	UG	NW	NW	07	19N	69E	0.024	STK	0.00	17.03	WP	GEORGE ELDRIDGE & SON, INC.	
6808			1501	11-01-22	CER	SPR	NW	SW	20	24N	67E	0.007	STK	0.00	2.18	WP	NEVADA LAND &	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.007						RESOURCE CO LLC	
7097			1314	04-24-24	CER	STR	NE	SE	23	21N	65E	0.007	STK	0.00	1.32	WP	BEWS, HARRY	
7161			1950	06-27-24	CER	SPR	SE	SE	20	07N	68E	0.004	STK	0.00	1.69	LI	MURRAY SHEEP CO.	
7419			1329	06-28-25	CER	SPR	NE	SE	18	14N	68E	0.012	STK	0.00	3.74	WP	GEORGE S. ROBINSON & SONS	
7446			1515	07-22-25	CER	UG	NE	NW	25	14N	66E	0.019	STK	0.00	13.44	WP	PRODUCTION CREDIT CORP. OF BERKELEY	
7497			1618	09-08-25	CER	UG	NE	NW	24	11N	66E	0.007	STK	0.00	5.37	WP	SOUTHERN NEVADA WATER AUTHORITY	
7700			1481	04-07-26	CER	SPR	NE	NE	25	12N	65E	0.015	STK	0.00	11.82	WP	ROBISON BROS.	
7701			1346	04-08-26	CER	SPR	SE	SE	19	21N	69E	0.025	STK	0.00	17.92	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
77518				10-21-08	RFP	UG	SW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77519				10-21-08	RFP	UG	SW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77520				10-21-08	RFP	UG	NW	NE	02	12N	67E	0.012	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
77714				12-22-08	PER	STR	NW	NE	13	13N	67E	0.001	STK	0.00	0.92	WP	SOUTHERN NEVADA WATER AUTHORITY	
79505				02-11-10	RFP	UG	SW	SW	13	12N	67E	0.020	STK	0.00	0.00	WP	SNWA	
79511				02-11-10	RFP	UG	NW	SE	16	13N	67E	0.010	STK	0.00	0.00	WP	SNWA	
802		25		01-28-08	CER	SPR	SW	NW	09	21N	66E	0.000	STK	0.00	12.03	WP	OLSEN, GASTEN	
80559				02-11-11	APP	UG	NW	SE	22	13N	66E	0.005	STK	0.00	0.00	WP	SNWA	
80562				02-11-11	APP	SPR		LT4	34	20NH	69E	0.012	STK	0.00	0.00	WP	SNWA	
80563				02-11-11	APP	SPR	SW	SE	29	15N	67E	0.016	STK	0.00	0.00	WP	SNWA	
80564				02-11-11	APP	SPR	NW	SE	29	15N	67E	0.016	STK	0.00	0.00	WP	SNWA	
80567				02-11-11	APP	SPR	SW	SE	01	10N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80568				02-11-11	APP	SPR	NE	NW	25	11N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80569				02-11-11	APP	SPR	NW	SE	36	11N	68E	0.002	STK	0.00	0.00	WP	SNWA	
80572				02-11-11	APP	UG	SE	NW	20	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80573				02-11-11	APP	SPR	NE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80574				02-11-11	APP	SPR	NE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
80575				02-11-11	APP	SPR	SE	NE	18	12N	67E	0.012	STK	0.00	0.00	WP	SNWA	
8074			1365	04-01-27	CER	UG	NW	SE	35	11N	66E	0.050	STK	0.00	26.91	WP	CL CATTLE COMPANY LLC	
8075			1366	04-01-27	CER	UG	SE	SE	13	14N	66E	0.050	STK	0.00	27.27	WP	ADAMS-MCGILL COMPANY	
8076			1367	04-01-27	CER	UG	NE	NE	01	11N	66E	0.050	STK	0.00	36.20	WP	CL CATTLE COMPANY LLC	
8077			1368	04-01-27	CER	UG	SW	SE	31	13N	67E	0.050	STK	0.00	27.01	WP	ROBISON, DOYLE C.	
8104			2065	04-19-27	CER	STR	NE	SE	15	20N	66E	0.012	STK	0.00	3.74	WP	NEVADA LAND & RESOURCE CO LLC	
8525			2409	04-26-28	CER	SPR	SW	SE	03	08N	67E	0.013	STK	0.00	5.98	LI	SOUTHERN NEVADA WATER AUTHORITY	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
8542			1720	05-22-28	CER	UG	NE	NE	13	19N	67E	0.025	STK	0.00	17.92	WP	GEORGE ELDRIDGE & SON, INC.	
8547			2263	05-28-28	CER	SPR	NW	SW	04	22N	65E	0.009	STK	0.00	5.40	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
8701			2626	09-20-28	CER	UG	SW	SW	01	18N	67E	0.012	STK	0.00	8.96	WP	GEORGE ELDRIDGE & SON, INC.	
8713			2410	10-06-28	CER	UG	NE	NE	16	10N	67E	0.013	STK	0.00	9.42	WP	SWALLOW, GEORGE N.	
8721			2509	10-13-28	CER	SPR	SE	SW	25	17N	67E	0.020	STK	0.00	14.49	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
8804			1967	01-02-29	CER	STR	NE	NW	06	13N	68E	0.032	STK	0.00	22.40	WP	BAAL, JOHN MICHAEL JR.	
9435			2473	04-06-31	CER	UG	NW	NE	26	20N	67E	0.019	STK	0.00	10.25	WP	GEORGE ELDRIDGE & SON, INC.	
957			71	05-08-08	CER	SPR				23N	66E	0.075	STK	0.00	54.30	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) & GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
R09418				04-06-04	RES	SPR	SE	NE	10	22N	65E	0.002	STK	0.00	0.00	WP	BLM	
V00802				05-05-10	VST	STR	NE	NW	15	09N	67E	0.000	STK	0.00	0.00	LI	HYDE, J.A.	
V01023				02-10-12	VST	SPR	SE	SW	07	21N	69E	0.300	STK	0.00	5.62	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01024				02-18-11	VST	SPR	SW	NW	34	21N	69E	0.500	STK	0.00	6.26	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & AND LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01069				02-10-12	VST	STR	NE	NW	34	20NH	69E	0.400	STK	0.00	11.97	WP	BLM	
V01081				04-01-12	VST	SPR	SE	NW	13	21N	68E	0.016	STK	0.00	11.20	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01176				12-02-12	VST	SPR	NE	SE	28	23N	66E	0.300	STK	0.00	34.53	WP	SELLAS, WILLIAM	
V01180				12-16-12	VST	RES	SE	SE	06	24N	67E	0.100	STK	0.00	5.52	WP	NEVADA LAND &	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											0.100						RESOURCE CO LLC	
V01181				12-16-12	VST	SPR	NE	NW	32	20N	66E	0.025	STK	0.00	0.00	WP	NEVADA LAND & RESOURCE CO LLC	
V01194				12-19-12	VST	SPR	SW	NE	09	22N	66E	0.025	STK	0.00	18.08	WP	BEWS, HARRY	
V01195				01-16-13	VST	SPR	SE	SE	15	22N	66E	0.025	STK	0.00	18.11	WP	BEWS, HARRY	
V01634				08-25-19	VST	SPR	SE	NW	10	22N	65E	0.050	STK	0.00	3.87	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01637				09-08-19	VST	SPR	NE	SW	14	13N	65E	0.100	STK	0.00	4.48	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01665				12-15-19	VST	SPR	NE	SE	35	12N	65E	0.025	STK	0.00	9.36	WP	CARTER, A. N. & LAFAYETTE	
V01669				12-22-19	VST	SPR	SE	SW	02	12N	65E	0.025	STK	0.00	7.49	WP	CL CATTLE COMPANY LLC	
V01728				09-13-20	VST	SPR	SW	SE	32	07N	68E	0.025	STK	0.00	7.37	LI	GEYSER RANCH, LLC	
V01778				02-28-20	VST	SPR	SW	NW	27	24N	65E	0.200	STK	0.00	10.74	WP	B ENTERPRISES, LIMITED PARTNERSHIP (82.5% UNDIVIDED INTEREST) AND GEORGE L. GARDNER & LAREE GARDNER (17.5% UNDIVIDED INTEREST)	
V01779				02-28-20	VST	SPR	NW	SW	17	23N	65E	0.200	STK	0.00	5.68	WP	HENRIOD, EUGENE	
V01781				08-08-21	VST	SPR	SE	NE	18	23N	65E	0.200	STK	0.00	10.74	WP	HENROID, EUGENE	
V01782				02-28-20	VST	SPR	SW	SE	07	23N	65E	0.200	STK	0.00	10.74	WP	HENRIOD, EUGENE	
V01783				01-09-22	VST	SPR	NE	NW	07	23N	65E	0.200	STK	0.00	0.00	WP	ALBERT ROSENLUND	
V02077				04-01-27	VST	SPR	SW	SE	29	14N	67E	0.050	STK	0.00	11.20	WP	ROBISON, DOYLE C.	
V02078				04-01-27	VST	STR	NW	NW	23	15N	66E	0.050	STK	0.00	11.20	WP	ADAMS-MCGILL COMPANY	
V02222				02-14-30	VST	SPR	NW	NE	26	23N	66E	0.025	STK	0.00	6.08	WP	SELLAS, GUST T.	
V02223				02-14-30	VST	SPR	NW	NE	02	22N	66E	0.025	STK	0.00	6.05	WP	SELLAS, WILLIAM	
V02329				02-13-45	VST	SPR	SW	SE	13	23N	65E	0.050	STK	0.00	20.90	WP	NEVADA LAND & RESOURCE CO LLC	
V02807				09-18-72	VST	STR	NE	NW	29	18N	66E	0.015	STK	0.00	1.50	WP	USFS	
V02808				09-18-72	DEC	STR	SE	NE	01	18N	65E	0.051	STK	0.00	1.50	WP	USFS	
V02809				09-18-72	DEC	SPR	NW	NE	28	19N	66E	0.005	STK	0.00	3.68	WP	USFS	
V02834				01-14-74	VST	STR	NE	NW	16	13N	68E	0.015	STK	0.00	5.43	WP	USFS	
V02835				01-14-74	VST	STR	NE	NE	32	13N	68E	0.015	STK	0.00	2.30	WP	USFS	
V02836				01-14-74	VST	STR	SW	SE	03	11N	68E	0.751	STK	0.00	0.00	WP	USFS	
V02837				01-14-74	VST	SPR	SW	SE	20	13N	68E	0.015	STK	0.00	2.30	WP	USFS	
V02838				01-14-74	VST	STR	NE	SW	16	13N	68E	0.015	STK	0.00	2.30	WP	USFS	
V02842				03-25-74	VST	SPR	SW	NW	28	13N	68E	0.500	STK	0.00	1.41	WP	USFS	
V02915				12-21-76	VST	SPR	NW	NE	15	10N	68E	0.005	STK	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V03543				12-05-80	VST	SPR	SE	NW	36	17N	65E	0.015	STK	0.00	2.27	WP	USFS	
V03549				12-05-80	VST	SPR	NW	SW	02	16N	66E	0.015	STK	0.00	2.03	WP	USFS	

PRELIMINARY DATA

SUBJECT TO REVISION

Number of Records: 130

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('STK')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V03550				12-05-80	VST	SPR	SE	NE	12	16N	65E	0.015	STK	0.00	1.99		WP USFS	
V03551				12-05-80	VST	SPR	NE	NW	08	16N	66E	0.015	STK	0.00	2.03		WP USFS	
V03554				12-05-80	VST	SPR	NE	NW	10	16N	65E	0.015	STK	0.00	2.03		WP USFS	
V03555				12-05-80	VST	SPR	NE	SE	12	16N	65E	0.015	STK	0.00	2.03		WP USFS	
V03556				12-05-80	VST	SPR	SE	NW	01	16N	65E	0.015	STK	0.00	2.03		WP USFS	
V03557				12-05-80	VST	SPR	SE	SW	36	17N	65E	0.015	STK	0.00	2.27		WP USFS	
V03558				12-05-80	VST	SPR	SW	SW	36	17N	65E	0.015	STK	0.00	2.27		WP USFS	
V03559				12-05-80	VST	SPR	SE	NW	36	17N	65E	0.015	STK	0.00	2.27		WP USFS	
V03560				12-05-80	VST	SPR	NW	NE	10	17N	66E	0.015	STK	0.00	0.55		WP USFS	
V03562				12-05-80	VST	SPR	NE	SE	22	17N	66E	0.015	STK	0.00	0.55		WP USFS	
V03563				12-05-80	VST	SPR	SE	NE	22	17N	66E	0.015	STK	0.00	0.55		WP USFS	
V09643				03-09-07	VST	OSW						0.000	STK	0.00	10.00		WP GEORGE ELDRIDGE & SON, INC.	
V09818				08-25-09	VST	SPR	SE	NE	01	16N	65E	0.012	STK	0.00	0.00		WP BLUE DIAMOND OIL CORPORATION	

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 37**

**Hydrographic Abstract for All Active Applications  
within NDWR HA 184, Spring Valley, with  
Manner of Use as “Power”**

# Hydrographic Abstract

Number of Records: 15

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('PWR')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	45675			05-17-82	RFA	STR	SE	SE	15	18N	66E	8.000	PWR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	45676			05-17-82	RFA	STR	SE	SW	28	20N	66E	15.000	PWR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	45677			05-17-82	RFA	STR	SE	NW	16	20N	66E	20.000	PWR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	45678			05-17-82	RFA	STR	NW	SW	27	18N	68E	2.000	PWR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	45679			05-17-82	RFA	STR	SW	NE	10	18N	66E	40.000	PWR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	45681			05-19-82	RFA	STR	SW	SW	35	18N	66E	40.000	PWR	0.00	0.00		WP	ROBISON, REED B.
	45682			05-19-82	RFA	STR	SE	SW	28	20N	66E	15.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	45683			05-19-82	RFA	STR	NE	NE	28	19N	66E	30.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	45684			05-19-82	RFA	STR	SE	SW	09	19N	66E	10.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	45685			05-19-82	RFA	STR	NE	NE	27	18N	66E	20.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	45748			06-03-82	RFP	STR	NW	NW	17	16N	68E	10.000	PWR	0.00	0.00		WP	ELDRIDGE, BRENT
	45749			06-03-82	RFA	STR	NE	NW	01	16N	66E	6.000	PWR	0.00	0.00		WP	ELDRIDGE, BRENT
	45750			06-03-82	RFA	STR	NW	NE	34	16N	66E	50.000	PWR	0.00	0.00		WP	ELDRIDGE, BRENT
	58494			01-21-93	RFA	STR	NW	NE	13	13N	67E	4.000	PWR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	7847		2221	08-12-26	CER	STR	NW	SW	29	19N	66E	2.484	PWR	0.00	0.00		WP	ELY CALUMET MINING CORPORATION

PRELIMINARY DATA  
SUBJECT TO REVISION

## **Appendix 38**

### **Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Domestic”**

# Hydrographic Abstract

Number of Records: 3

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('DOM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	56236		16462	04-26-91	CER	SPR	SW	SW	21	21N	69E	0.005	DOM	0.00	1.03	WP	WESTLAND-RE, LLC 63.49% AND NW, LLC 36.51%	
	77126			06-11-08	PER	SPR	NE	NE	20	21N	69E	0.180	DOM	0.00	0.00	WP	PAUL F. TILMAN	
	77583			11-13-08	PER	SPR	NW	NE	15	22N	65E	0.006	DOM	0.00	4.30	WP	THE BURKE FAMILY TRUST	

PRELIMINARY DATA -  
SUBJECT TO REVISION

**Appendix 39**

**Hydrographic Abstract for All Active Applications  
within NDWR HA 184, Spring Valley, with  
Manner of Use as “Wildlife”**

# Hydrographic Abstract

Number of Records: 6

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('WLD')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	27768		8979	09-19-73	CER	UG	SW	NE	02	12N	67E	0.027	WLD	0.00	20.01		WP	WILDLIFE DEPARTMENT-NEVADA
	60086			05-24-94	PER	UG	SW	NE	02	12N	67E	0.035	WLD	0.00	7.57		WP	BLM
	77383			09-15-08	PER	UG		LT6	02	12N	67E	0.015	WLD	0.00	10.86		WP	BLM
	77384			09-15-08	PER	UG	SW	NE	02	12N	67E	0.027	WLD	0.00	19.55		WP	BLM
	77517			10-21-08	RFP	UG	SW	NE	02	12N	67E	0.087	WLD	0.00	63.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	78767			07-29-09	RFP	UG	SW	NE	02	12N	67E	0.675	WLD	0.00	0.00		WP	BLM

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 40**

### **Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Mining and Milling”**

# Hydrographic Abstract

Number of Records: 22

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	12467		3702	05-27-48	CER	UG	NE	SE	12	11N	67E	0.100	MM	0.00	72.36		WP	MINERVA SCHEELITE MINING CO.
	18183		5649	08-03-59	CER	SPR	NE	NW	25	14N	67E	0.500	MM	0.00	241.98		WP	HUNTINGTON, GLEN
	24260		8030	12-04-67	CER	SPR	SW	NW	28	13N	68E	0.008	MM	0.00	5.65		WP	CRAWFORD, GLEN
	2486		258	08-09-12	CER	SPR	NE	SW	29	14N	68E	0.200	MM	0.00	0.00		WP	MCMILLIN TRUST
	2710		259	05-12-13	CER	SPR	SE	NE	30	14N	68E	0.200	MM	0.00	0.00		WP	MCMILLIN TRUST
	29371		10328	05-06-75	CER	UG	SW	SW	22	14N	67E	1.110	MM	0.00	803.41	Y	WP	GOLDEN EAGLE MINING, INC.
	29567		10329	08-08-75	CER	UG	SW	SW	22	14N	67E	1.110	MM	0.00	699.92	Y	WP	GOLDEN EAGLE MINING, INC.
	31239		10334	03-25-77	CER	UG	NW	SE	15	14N	67E	0.490	MM	0.00	177.43		WP	MOYLE, LANE
	46790		13034	04-05-83	CER	OGW	NE	NE	07	14N	68E	0.007	MM	0.00	5.06		WP	HUCKALEY, LESTER VERNON
	46973		12667	06-03-83	CER	SPR	SE	NW	07	14N	68E	0.231	MM	0.00	167.24		WP	OSTLUND, ROBERT E.
	46975		13925	06-03-83	CER	SPR		LT3	07	14N	68E	0.171	MM	0.00	123.80		WP	OSTLUND, ROBERT
	46978		14935	06-03-83	CER	SPR	NE	SE	18	14N	68E	0.500	MM	0.00	277.18		WP	OSTLUND, ROBERT
	47352		14240	10-24-83	CER	SPR	NW	NE	25	14N	67E	0.500	MM	0.00	0.21		WP	SALISBURY, FRED
	5499		562	05-15-19	CER	STR	NE	SE	12	14N	67E	5.000	MM	0.00	1206.63		WP	LESTER, VIRGINIA BOWEN
	58302	25524		11-05-92	PER	UG	SE	NE	21	14N	67E	6.000	MM	0.00	302.44		WP	MINEL, INC.
	7724		2170	04-23-26	CER	STR	SE	NW	07	14N	68E	0.200	MM	0.00	0.00		WP	MARRIOTT, HENRY
	7725		2171	04-23-26	CER	STR	NE	SW	07	14N	68E	0.082	MM	0.00	0.00		WP	MARRIOTT, HENRY
	8396		7333 2220	11-23-27	CER	STR	NW	SW	29	19N	66E	0.156	MM	0.00	112.94		WP	ELY CALUMENT MINING CORPORATION
	983		171	05-26-08	CER	STR			03	13N	67E	1.000	MM	0.00	723.95		WP	PILOT KNOB GOLD MINING & MILLING CO.
	V01125			08-06-12	VST	SPR	NE	NW	25	14N	67E	0.000	MM	0.00	0.00		WP	TILFORD, T.B.
	V01614			05-15-19	VST	SPR	NW	SE	12	14N	67E	0.000	MM	0.00	0.00		WP	BOWEN LUELLE VIRGINIA
	V04722			11-09-88	VST	STR	SW	NE	32	14N	68E	0.500	MM	0.00	0.00		WP	PONY EXPRESS MINING & MILLING

PRELIMINARY DATA  
SUBJECT TO REVIEW

**Appendix 41**

**Hydrographic Abstract for All Active Applications  
within NDWR HA 184, Spring Valley, with  
Manner of Use as “Other”**

# Hydrographic Abstract

Number of Records: 24

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('OTH')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	76654			01-22-08	RFA	UG	SW	SE	28	14N	67E	0.020	OTH	0.00	14.48		WP	RICHARD W. AND LESLIE ANN SEARS
	R05269			04-05-91	RES	SPR	SE	NW	30	15N	67E	0.005	OTH	0.00	3.59		WP	BLM
	R05272			04-05-91	RES	SPR	SE	NW	30	15N	67E	0.093	OTH	0.00	67.24		WP	BLM
	R05273			04-05-91	RES	SPR	SE	SE	30	13N	67E	0.003	OTH	0.00	2.15		WP	BLM
	R05274			04-05-91	RES	SPR	SE	NW	24	13N	67E	0.003	OTH	0.00	1.84		WP	BLM
	R05276			04-05-91	RES	SPR	NE	SW	26	09N	67E	0.018	OTH	0.00	5.77		LI	BLM
	R05278			04-08-91	RES	SPR	NW	NW	30	15N	67E	0.093	OTH	0.00	67.24		WP	BLM
	R05279			04-08-91	RES	SPR	SE	NW	04	15N	67E	0.011	OTH	0.00	7.95		WP	BLM
	R05280			04-08-91	RES	SPR	SW	SW	04	15N	67E	0.011	OTH	0.00	7.95		WP	BLM
	R05281			04-08-91	RES	SPR	SW	NW	08	15N	68E	0.042	OTH	0.00	8.10		WP	BLM
	R05282			04-08-91	RES	SPR	NW	SE	08	15N	68E	0.042	OTH	0.00	30.38		WP	BLM
	R05283			04-08-91	RES	SPR	NE	NE	08	15N	68E	0.042	OTH	0.00	30.38		WP	BLM
	R05284			04-08-91	RES	SPR	SE	NE	08	15N	68E	0.042	OTH	0.00	30.38		WP	BLM
	R05285			04-08-91	RES	SPR	NW	SW	08	15N	68E	0.042	OTH	0.00	30.38		WP	BLM
	R05286			04-08-91	RES	SPR	NW	NW	17	15N	68E	0.042	OTH	0.00	30.38		WP	BLM
	R05287			04-15-91	RES	SPR	NE	NW	22	16N	66E	0.028	OTH	0.00	20.25		WP	BLM
	R05288			04-15-91	RES	SPR	NW	NW	22	16N	66E	0.028	OTH	0.00	20.25		WP	BLM
	R05289			04-15-91	RES	SPR	SW	SW	22	16N	66E	0.054	OTH	0.00	39.07		WP	BLM
	R05290			04-15-91	RES	SPR	SW	SW	14	16N	66E	0.028	OTH	0.00	20.25		WP	BLM
	R05291			04-15-91	RES	SPR	NW	NW	15	16N	67E	0.008	OTH	0.00	5.77		WP	BLM
	R05292			04-15-91	RES	SPR	SE	SW	32	16N	67E	0.011	OTH	0.00	7.95		WP	BLM
	R05293			04-15-91	RES	SPR	NE	NW	32	16N	67E	0.011	OTH	0.00	7.95		WP	BLM
	R05294			04-15-91	RES	SPR	NE	SW	32	16N	67E	0.011	OTH	0.00	7.95		WP	BLM
	R05295			04-15-91	RES	SPR	NE	NW	25	16N	67E	0.011	OTH	0.00	7.95		WP	BLM

PRELIMINARY DATA  
SUBJECT TO REVISION

## **Appendix 42**

### **Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Municipal/Quasi-Municipal”**

# Hydrographic Abstract

Number of Records: 42

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('MUN','QM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	16890		4672	03-29-56	CER	UG	SW	NE	05	13N	66E	0.100	QM	0.00	72.36		WP	PIERCE, L.L.
	54003			10-17-89	RFP	UG	NW	NE	20	08N	68E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	54004			10-17-89	RFP	UG	NE	SE	25	09N	67E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	54005			10-17-89	RFP	UG	NE	NE	14	09N	67E	6.000	MUN	0.00	4343.82	Y	LI	SOUTHERN NEVADA WATER AUTHORITY
	54006			10-17-89	RFP	UG	SE	SE	22	10N	67E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54007			10-17-89	RFP	UG	SE	NW	34	11N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54008			10-17-89	RFP	UG	SW	SW	01	11N	66E	6.000	MUN	0.00	4343.92	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54009			10-17-89	RFP	UG	NW	NE	36	13N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
	54010			10-17-89	RFP	UG	SE	SE	25	14N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54011			10-17-89	RFP	UG	NE	SE	14	14N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54012			10-17-89	RFP	UG	SE	NE	16	14N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54013			10-17-89	RFP	UG	SW	SW	25	15N	66E	6.000	MUN	0.00	4343.82	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54014			10-17-89	RFP	UG	SW	SW	15	15N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54015			10-17-89	RFP	UG	SW	NW	14	15N	67E	6.000	MUN	0.00	4343.91	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54016			10-17-89	RFP	UG	NE	SW	07	15N	67E	6.000	MUN	0.00	4343.91		WP	SOUTHERN NEVADA WATER AUTHORITY
	54017			10-17-89	RFP	UG	NW	SE	25	16N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
	54018			10-17-89	RFP	UG	SE	NE	24	16N	66E	6.000	MUN	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
	54019			10-17-89	RFP	UG	SW	NE	32	12N	68E	10.000	MUN	0.00	7239.70	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54020			10-17-89	RFP	UG	SE	SE	14	14N	67E	10.000	MUN	0.00	7239.70	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	54021			10-17-89	RFP	UG	SW	NE	33	16N	66E	10.000	MUN	0.00	7239.70		WP	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 42

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('MUN','QM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
65641				10-29-99	PER	UG	SE	SE	17	15N	68E	0.050	QM	0.00	2.24		WP	FAVA, PAUL & SHEILA
72643				04-26-05	PER	UG	SW	NE	21	15N	68E	0.060	QM	0.00	4.04		WP	GIANOLI, JOHN C. & JULIE A.
79023				11-12-09	RFP	UG	NE	NW	25	17N	67E	0.600	QM	0.00	160.00		WP	GEORGE ELDRIDGE & SON INC
79265				01-28-10	RFP	UG	NW	NE	20	08N	68E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
79266				01-28-10	RFP	UG	NE	SE	25	09N	67E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY
79279				01-28-10	RFP	UG	SE	SE	22	10N	67E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79280				01-28-10	RFP	UG	SE	NW	34	11N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79281				01-28-10	RFP	UG	SW	SW	01	11N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79282				01-28-10	RFP	UG	NW	NE	36	13N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79283				01-28-10	RFP	UG	SE	SE	25	14N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79284				01-28-10	RFP	UG	NE	SE	14	14N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79285				01-28-10	RFP	UG	SE	NE	16	14N	67E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79286				01-28-10	RFP	UG	SW	SW	25	15N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79287				01-28-10	RFP	UG	SW	SW	15	15N	67E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79288				01-28-10	RFP	UG	SW	NW	14	15N	67E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79289				01-28-10	RFP	UG	NE	SW	07	15N	67E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79290				01-28-10	RFP	UG	NW	SE	25	16N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79291				01-28-10	RFP	UG	SE	NE	24	16N	66E	6.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79292				01-28-10	RFP	UG	SW	NE	32	12N	68E	10.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79293				01-28-10	RFP	UG	SE	SE	14	14N	67E	10.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79294				01-28-10	RFP	UG	SW	NE	33	16N	66E	10.000	MUN	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79295				01-28-10	RFP	UG	NE	NE	14	09N	67E	6.000	MUN	0.00	0.00		LI	SOUTHERN NEVADA WATER AUTHORITY

PRELIMINARY DATA  
SUBJECT TO REVISION

## **Appendix 43**

### **Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Commercial”**

# Hydrographic Abstract

Number of Records: 2

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN ('COM')

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	80601T			02-22-11	RFA	STR	SE	NW	24	16N	66E	1.000	COM	0.00	35.00		WP	LDS
	80602T			02-22-11	RFA	UG	NW	NE	19	16N	67E	1.000	COM	0.00	35.00		WP	LDS

PRELIMINARY DATA -  
SUBJECT TO REVISION

## **Appendix 44**

### **Hydrographic Abstract for All Active Applications within NDWR HA 184, Spring Valley, with Manner of Use as “Irrigation”**

# Hydrographic Abstract

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
184	10487		5042	04-08-40	CER	STR	NE	NE	02	16N	67E	2.873	IRR	0.00	1149.20	WP	COPR. OF CHURCH OF LATTER-DAY SAINTS	
	1052		244	07-13-08	CER	STR		NW	23	13N	67E	0.200	IRR	0.00	80.00	WP	BAAL, JOHN MICHAEL JR.	
	10703		8088	07-28-41	CER	STR	SE	NE	23	15N	66E	4.000	IRR	0.00	256.76	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10710		4011	07-31-41	CER	STR	NE	NW	02	17N	66E	3.100	IRR	0.00	1240.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10766		3182	12-29-41	CER	STR	SE	SE	22	19N	66E	3.000	IRR	0.00	1210.20	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10801		5202	04-01-42	CER	STR	SE	NW	28	17N	67E	6.000	IRR	0.00	277.17	WP	MORIAH RANCHES INC	
	10843		4870	06-22-42	CER	STR	NE	SW	31	19N	67E	0.311	IRR	0.00	65.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
	10914			01-09-43	RFA	STR	SW	SE	15	20N	66E	1.000	IRR	0.00	640.00	WP	GEORGE ELDRIDGE & SON, INC.	
	10921		3375	02-03-43	CER	SPR	SE	SE	23	17N	67E	0.790	IRR	0.00	570.73	WP	GEORGE ELDRIDGE & SON, INC.	
	10993		3376	09-01-43	CER	SPR	NW	SE	24	17N	67E	0.600	IRR	0.00	433.62	WP	GEORGE ELDRIDGE & SON, INC.	
	1159		134	10-28-08	CER	STR	SE	SE	32	17N	67E	2.090	IRR	0.00	758.44	WP	GEORGE ELDRIDGE & SON, INC.	
	12571		4946	08-09-48	CER	SPR	SW	NE	21	15N	68E	0.334	IRR	0.00	65.00	WP	DAVID J. ELDRIDGE	
	13457		4236	07-31-50	CER	STR	SE	SE	15	18N	66E	3.440	IRR	0.00	613.90	WP	GEORGE ELDRIDGE & SON, INC.	
	13652		4159	03-05-51	CER	SPR	NW	NW	21	15N	68E	0.030	IRR	0.00	8.00	WP	BERGER, ALFRED R.	
	1520		107	11-15-09	CER	STR	SW	SW	33	21N	66E	0.080	IRR	0.00	32.00	WP	OLSEN, CASTEN	
	15812		4808	09-27-54	CER	STR	NW	NE	13	13N	67E	1.593	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	17017		4673	08-20-56	CER	STR		LT0	06	13N	68E	0.318	IRR	0.00	97.00	WP	BAAL, JOHN MICHAEL JR.	
	17163		4810	01-28-57	CER	STR	NW	NE	22	13N	67E	1.600	IRR	0.00	320.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	17723			11-21-58	RFA	STR	NW	NE	10	18N	66E	10.000	IRR	0.00	7360.00	WP	ELDRIDGE, GEORGE H.	
	18524		6138	01-18-60	CER	UG	NE	NE	26	12N	67E	1.002	IRD	0.00	21.15	WP	SOUTHERN NEVADA WATER AUTHORITY	
	18525		6992	01-18-60	CER	UG	SE	SW	24	12N	67E	2.120	IRD	0.00	57.84	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	19076			07-29-60	RFP	STR	SW	NE	10	18N	66E	7.000	IRR	0.00	3840.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
	1922		179	01-02-11	CER	SPR	SW	NE	21	15N	68E	0.200	IRR	0.00	60.00	WP	FARREL, FRANKLIN JR.	
	19435		7800	01-10-61	CER	RES	NW	SW	24	20N	66E	0.000	IRR	0.00	54.00	WP	ELDRIDGE, DELBERT D.	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
	19436		7805	01-10-61	CER	RES	NE	SE	13	20N	66E	0.000	IRR	0.00	25.00		WP	ELDRIDGE, DELBERT D.
	19654		6449	03-09-61	CER	UG	SE	SE	31	13N	67E	2.450	IRD	0.00	575.83		WP	SOUTHERN NEVADA WATER AUTHORITY
	2005		406	04-12-11	CER	STR	NW	NW	32	13N	68E	0.800	IRR	0.00	320.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	20817		6777	10-29-62	CER	UG	NE	NE	21	13N	67E	3.500	IRD	0.00	640.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	20895		7560	12-13-62	CER	STR	SW	SE	25	19N	66E	3.000	IRR	0.00	554.32		WP	SOUTHERN NEVADA WATER AUTHORITY
	21220		6505	12-13-63	CER	STR	SW	NE	15	17N	66E	4.000	IRR	0.00	721.00		WP	ANDRAE, ARTHUR J.
	21687		6506	12-13-63	CER	STR	SW	NE	15	17N	66E	3.500	IRR	0.00	1540.00		WP	ANDRAE, ARTHUR J.
	21688		6507	12-13-63	CER	STR	NW	NW	23	17N	66E	4.000	IRR	0.00	1540.00		WP	ANDRAE, ARTHUR J.
	22545		7571	04-16-65	CER	STR	NE	SW	15	13N	67E	2.000	IRR	0.00	640.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	2261		215	11-21-11	CER	SPR			23	16N	65E	0.000	IRR	0.00	0.00		WP	KOLCHEK, ALEX
	22645		8112	06-16-65	CER	UG	NE	SW	12	12N	67E	0.610	IRR	0.00	60.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	25439		9213	01-19-70	CER	UG	NE	NE	34	13N	67E	1.300	IRD	0.00	240.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	25678		9294	06-24-70	CER	STR	SE	NE	27	12N	68E	4.000	IRR	0.00	630.24		WP	SOUTHERN NEVADA WATER AUTHORITY
	25679		9295	06-24-70	CER	UG	NE	SE	24	12N	67E	1.360	IRR	0.00	630.24	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	25680		9296	06-24-70	CER	UG	NE	NE	24	12N	67E	1.580	IRR	0.00	630.24	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	25857			11-09-70	RFP	STR	SE	SE	03	18N	66E	3.000	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	26071			04-22-71	RFA	SPR	NE	SW	01	18N	66E	3.000	IRR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	26072			04-23-71	RFP	STR	SW	SE	23	18N	66E	10.000	IRR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	26105			05-05-71	RFP	STR	SW	SE	23	19N	66E	7.500	IRR	0.00	0.00		WP	GEORGE ELDRIDGE & SON, INC.
	26112			05-10-71	RFA	STR	NE	NE	26	19N	66E	8.000	IRR	0.00	6000.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	26165			06-09-71	RFA	STR	NE	NE	15	19N	66E	2.000	IRR	0.00	4000.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	26166			06-09-71	RFA	STR	NE	SE	15	19N	66E	4.000	IRR	0.00	4000.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	26228		8363	07-26-71	CER	UG	NE	SE	16	13N	67E	0.891	IRD	0.00	239.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	26229		8364	07-26-71	CER	UG	SE	SW	15	13N	67E	1.504	IRD	0.00	157.68	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
	26263			08-17-71	RFA	SPR	SW	SE	25	19N	66E	2.000	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
	26266			08-23-71	RFA	STR	SE	SE	03	18N	66E	3.200	IRR	0.00	960.00		WP	GEORGE ELDRIDGE &

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											3.200						SON, INC.	
26268				08-23-71	RFA	SPR	SW	SW	36	19N	66E	2.000	IRR	0.00	3200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26398				11-09-71	RFA	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	3200.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26399				11-09-71	RFA	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
26430				12-06-71	RFA	SPR	NE	SE	26	19N	66E	2.000	IRR	0.00	1600.00	WP	GEORGE ELDRIDGE & SON, INC.	
26502			9300	01-25-72	CER	UG	SE	NE	22	13N	67E	0.270	IRR	0.00	73.48	WP	RASMUSSEN, JAMES B.	
26546			8365	02-10-72	CER	UG	NE	NW	22	13N	67E	2.680	IRR	0.00	157.68	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
26655				04-07-72	RFA	SPR	SW	SW	25	19N	66E	1.000	IRR	0.00	1040.00	WP	GEORGE ELDRIDGE & SON, INC.	
26656				04-07-72	RFP	SPR	NW	SW	25	19N	66E	1.000	IRR	0.00	1280.00	WP	GEORGE ELDRIDGE & SON, INC.	
26740				05-24-72	RFP	OSW	SW	SW	33	17N	67E	3.000	IRR	0.00	533.33	WP	GEORGE ELDRIDGE & SON, INC.	
26952			8366	09-07-72	CER	UG	NE	NW	22	13N	67E	2.500	IRR	0.00	239.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
26953			8367	09-07-72	CER	UG	SE	SW	15	13N	67E	1.504	IRR	0.00	239.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
27378			8357	03-28-73	CER	UG	NE	NW	14	19N	66E	1.750	IRR	0.00	1266.64	WP	SOUTHERN NEVADA WATER AUTHORITY	
2745			167	06-30-13	CER	SPR	SW	NE	31	17N	67E	0.200	IRR	0.00	80.00	WP	ADAMS-MCGILL COMPANY	
27739			9772	09-07-73	CER	STR	NW	NE	32	13N	68E	2.300	IRR	0.00	823.24	WP	SOUTHERN NEVADA WATER AUTHORITY	
27740			9773	09-07-73	CER	STR	NE	SE	18	13N	68E	3.200	IRR	0.00	753.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
27741			9774	09-07-73	CER	STR	NW	SW	20	13N	68E	0.500	IRR	0.00	361.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
27742			9775	09-07-73	CER	STR	NE	SE	18	13N	68E	3.200	IRR	0.00	753.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
27743			9743	09-07-73	CER	STR	SW	SW	04	11N	68E	87.000	IRR	0.00	12348.30	WP	SOUTHERN NEVADA WATER AUTHORITY	
27901			9776	11-15-73	CER	STR	NW	SE	29	13N	68E	1.500	IRR	0.00	823.24	WP	SOUTHERN NEVADA WATER AUTHORITY	
27902			9744	11-15-73	CER	SPR	NE	SW	05	11N	68E	0.460	IRR	0.00	66.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
2852			902	12-01-13	CER	STR	NW	NW	25	16N	66E	8.020	IRR	0.00	2406.48	WP	LDS	
28653			10020	09-09-74	CER	UG	SE	NE	34	13N	67E	0.027	IRR	0.00	1.20	WP	SOUTHERN NEVADA WATER AUTHORITY	
28790			9777	10-11-74	CER	SPR	NE	NE	35	13N	67E	0.200	IRR	0.00	144.88	WP	SOUTHERN NEVADA WATER AUTHORITY	
28818			9023	10-22-74	CER	STR	NW	SE	25	18N	66E	4.800	IRR	0.00	243.08	WP	GEORGE ELDRIDGE & SON, INC.	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
29162			10107	01-24-75	CER	STR	NW	NE	13	13N	67E	6.900	IRR	0.00	1036.68		WP	SOUTHERN NEVADA WATER AUTHORITY
29219			8875	02-13-75	CER	UG	SW	SE	26	13N	67E	2.340	IRR	0.00	1561.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
29220			8876	02-13-75	CER	UG	SE	NW	26	13N	67E	1.890	IRR	0.00	1367.97	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
29221			8877	02-13-75	CER	UG	SE	NW	26	13N	67E	1.450	IRR	0.00	1049.76	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
30319			10725	06-08-76	CER	UG	SW	SE	24	12N	67E	1.340	IRR	0.00	730.73	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
3186			567	11-27-14	CER	STR	NE	SW	35	17N	67E	1.600	IRR	0.00	640.00		WP	CORP. OF CHURCH OF LATTER-DAY SAINTS
3203			2645	12-09-14	CER	SPR	SE	SE	09	16N	67E	0.350	IRR	0.00	190.60		WP	GEORGE ELDRIDGE & SON, INC.
3383			1036	05-05-15	CER	STR	NE	SW	14	17N	66E	0.200	IRR	0.00	59.88		WP	ANDRAE, ARTHUR & AUDRAE
3433			1210	06-14-15	CER	STR	NW	NW	04	21N	66E	0.726	IRR	0.00	261.36		WP	BUNDY, CLARENCE A.
34704				12-07-77	PER	STR	NW	SE	29	12N	68E	5.000	IRR	0.00	1760.00		WP	SOUTHERN NEVADA WATER AUTHORITY
34727			11889	12-12-77	CER	UG	NW	NE	22	13N	67E	0.660	IRR	0.00	804.78	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
3793			2377	12-11-15	CER	SPR	SE	SW	15	16N	68E	0.102	IRR	0.00	50.00		WP	ROGERS, G.W.
3865			1068	04-06-16	CER	STR	SE	SW	06	11N	68E	2.140	IRR	0.00	641.94		WP	SOUTHERN NEVADA WATER AUTHORITY
38972			11632	09-07-79	CER	UG	NW	NE	35	13N	67E	1.750	IRR	0.00	768.48		WP	SOUTHERN NEVADA WATER AUTHORITY
3927			469	04-24-16	CER	SPR	SW	NW	27	17N	68E	0.100	IRR	0.00	40.00		WP	CORP. OF CHURCH OF LATTER-DAY SAINTS
39817				11-23-79	PER	UG	SE	SW	13	18N	66E	5.000	IRR	0.00	1200.00		WP	GEORGE ELDRIDGE & SON, INC.
39818				11-23-79	PER	UG	SE	SE	24	18N	66E	5.000	IRR	0.00	3440.00		WP	GEORGE ELDRIDGE & SON, INC.
4041			1930	06-29-16	CER	STR	NW	NE	14	19N	66E	1.200	IRR	0.00	435.00		WP	SOUTHERN NEVADA WATER AUTHORITY
4042			1929	06-29-16	CER	STR	SE	NW	11	19N	66E	1.200	IRR	0.00	435.00		WP	SOUTHERN NEVADA WATER AUTHORITY
4043			1928	06-29-16	CER	STR	NE	SE	27	19N	66E	2.400	IRR	0.00	870.00		WP	SOUTHERN NEVADA WATER AUTHORITY
4418			660	04-30-17	CER	STR	NE	SE	32	13N	68E	3.697	IRR	0.00	1349.70		WP	SOUTHERN NEVADA WATER AUTHORITY
45287			11017	02-05-82	CER	UG	NE	SW	12	12N	67E	1.350	IRR	0.00	312.80	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
4951			1209	03-07-18	CER	STR	SE	SE	29	21N	66E	0.083	IRR	0.00	25.08		WP	BUNDY, CLARENCE A. & JOSEPHINE
5028			1541	04-26-18	CER	SPR	SE	NW	27	17N	68E	0.066	IRR	0.00	24.00		WP	CORP. OF CHURCH OF LATTER-DAY SAINTS

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
50772			14454	04-02-87	CER	STR	NW	NW	12	13N	67E	4.000	IRR	0.00	752.76		WP	SOUTHERN NEVADA WATER AUTHORITY
5247				09-16-18	PER	STR	NW	SW	15	20N	66E	2.000	IRR	0.00	201.64		WP	GEORGE ELDRIDGE & SON, INC.
54204				12-01-89	PER	UG	NW	NE	19	16N	67E	3.000	IRR	0.00	2082.30	Y	WP	LDS
54205				12-01-89	PER	UG	SE	SW	13	16N	66E	3.000	IRR	0.00	2082.30	Y	WP	LDS
55363				10-11-90	PER	SPR	SW	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55364				10-11-90	PER	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55365				10-11-90	PER	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	160.00		WP	SOUTHERN NEVADA WATER AUTHORITY
55370				10-11-90	RFP	STR	SW	SW	35	18N	66E	10.000	IRR	0.00	3200.00		WP	SOUTHERN NEVADA WATER AUTHORITY
5546			714	06-18-19	CER	SPR	SW	SW	16	15N	68E	0.232	IRR	0.00	93.00		WP	KAISER, KATHERINE A.
56049				03-25-91	PER	UG	SE	NW	24	19N	66E	3.000	IRR	0.00	720.00		WP	GEORGE ELDRIDGE & SON, INC.
56050			17888	03-25-91	CER	UG	SE	NE	31	18N	68E	0.780	IRR	60.00	240.00		WP	GEORGE ELDRIDGE & SON, INC.
56051				03-25-91	PER	UG	SE	NE	26	19N	66E	1.000	IRR	0.00	240.00		WP	GEORGE ELDRIDGE & SON, INC.
5691			1325	08-25-19	CER	STR	SE	SE	33	17N	67E	1.895	IRR	0.00	919.00		WP	GEORGE ELDRIDGE & SON, INC.
5923			1280	12-26-19	CER	STR	NW	SW	27	18N	68E	0.850	IRR	0.00	306.00		WP	GEORGE ELDRIDGE & SON, INC.
63532				10-24-97	PER	UG	SE	NE	13	12N	67E	1.700	IRR	0.00	620.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
63533				10-24-97	PER	UG	NE	SE	13	12N	67E	1.700	IRR	0.00	620.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
6360				12-22-20	PER	SPR	SW	SW	21	21N	69E	1.000	IRR	0.00	640.00		WP	DOUTRE, STEVE
66734			16910	08-23-00	CER	SPR	NW	NW	21	15N	68E	0.030	IRR	0.00	11.28		WP	FILLMAN, PATRICK D. & KRISTINE K.
67319				03-12-01	RFP	UG	SW	NW	08	22N	66E	6.000	IRR	0.00	1920.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67320				03-12-01	RFP	UG	SW	NW	17	22N	66E	6.000	IRR	0.00	1920.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67321				03-12-01	RFP	UG	NW	NE	29	22N	66E	6.000	IRR	0.00	1440.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67322				03-12-01	RFP	UG	NW	NW	09	21N	66E	2.700	IRR	0.00	640.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67323				03-12-01	RFP	UG	NE	NW	14	19N	66E	6.000	IRR	0.00	2560.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67324				03-12-01	RFP	UG	NW	NW	11	19N	66E	6.000	IRR	0.00	2560.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67325				03-12-01	RFP	UG	NE	NE	26	19N	66E	6.000	IRR	0.00	4960.00		WP	SOUTHERN NEVADA WATER AUTHORITY

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
67326				03-12-01	RFP	UG	NE	SW	36	19N	66E	6.000	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67327				03-12-01	RFP	UG	NW	NW	12	18N	66E	6.000	IRR	0.00	2200.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67328				03-12-01	RFP	UG	NW	NE	13	18N	66E	2.400	IRR	0.00	480.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67329				03-12-01	RFP	UG	SW	SW	24	18N	66E	6.000	IRR	0.00	1920.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67330				03-12-01	RFP	UG	NW	NW	06	17N	67E	6.000	IRR	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
67331				03-12-01	RFP	UG	NE	NE	12	17N	66E	6.000	IRR	0.00	4343.82		WP	SOUTHERN NEVADA WATER AUTHORITY
67332				03-12-01	RFP	UG	NE	SW	30	18N	67E	3.400	IRR	0.00	800.00		WP	SOUTHERN NEVADA WATER AUTHORITY
67333				03-12-01	RFP	UG	SW	SE	34	17N	67E	4.700	IRR	0.00	1120.00		WP	JOHNSON, ALAN D. AND SHELLEY C.
6754			1623	08-30-22	CER	SPR	NW	SE	30	17N	67E	0.538	IRR	0.00	195.00		WP	CAZIER, JAMES
6834			1211	12-09-22	CER	STR	SE	SW	13	13N	67E	0.973	IRR	0.00	583.80		WP	SOUTHERN NEVADA WATER AUTHORITY
69726				03-12-03	RFA	UG	SE	SW	35	17N	67E	4.000	IRR	0.00	2240.00		WP	CORP OF CHURCH JESUS CHRIST OF LDS
69727				03-12-03	RFA	UG	NW	SE	35	17N	67E	4.000	IRR	0.00	0.00		WP	CORP OF CHURCH JESUS CHRIST OF LDS
71525				08-02-04	PER	UG	SE	NE	13	12N	67E	0.728	IRR	0.00	263.53	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
71526				08-02-04	PER	UG	SE	NE	13	12N	67E	1.500	IRR	0.00	542.98	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
71565				08-17-04	RFA	UG	NE	NW	28	17N	67E	3.000	IRR	0.00	800.00		WP	MORIAH RANCHES, INC.
71603				08-23-04	PER	UG	SE	SE	12	12N	67E	0.728	IRR	0.00	263.53	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
71840				11-03-04	PER	UG	NE	NW	13	20N	66E	3.000	IRR	0.00	1120.00		WP	GEORGE ELDRIDGE & SON, INC.
74274				05-08-06	PER	UG	SE	SE	12	12N	67E	1.500	IRR	0.00	544.33	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
75316				02-07-07	RFA	UG	NW	NE	21	14N	67E	1.000	IRR	0.00	40.00		WP	BENSON, ROBERT E.
75395				02-28-07	RFP	OSW	SE	SE	28	17N	67E	2.000	IRR	0.00	0.00		WP	MORIAH RANCHES, INC.
75396				02-28-07	RFP	OSW	SW	NW	28	17N	67E	2.000	IRR	0.00	0.00		WP	MORIAH RANCHES, INC.
78107				03-03-09	PER	UG	SW	SE	14	13N	67E	4.500	IRR	0.00	1080.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79423				02-01-10	RFP	UG	NW	NE	13	18N	66E	2.400	IRR	0.00	480.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79424				02-01-10	RFP	UG	NW	NW	12	18N	66E	6.000	IRR	0.00	2200.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79425				02-01-10	RFP	UG	NE	SW	36	19N	66E	6.000	IRR	0.00	4960.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79426				02-01-10	RFP	UG	SW	NW	17	22N	66E	6.000	IRR	0.00	1920.00		WP	SOUTHERN NEVADA

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
											6.000						WATER AUTHORITY	
79427				02-01-10	RFP	UG	SW	NW	08	22N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79428				02-01-10	RFP	UG	NW	NE	29	22N	66E	6.000	IRR	0.00	1440.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79429				02-01-10	RFP	UG	NW	NW	09	21N	66E	2.700	IRR	0.00	640.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79430				02-01-10	RFP	UG	NW	NW	11	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79431				02-01-10	RFP	UG	NE	NE	26	19N	66E	6.000	IRR	0.00	4960.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79432				02-01-10	RFP	UG	NE	NW	14	19N	66E	6.000	IRR	0.00	2560.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79433				02-01-10	RFP	UG	NE	SW	30	18N	67E	3.400	IRR	0.00	800.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79434				02-01-10	RFP	UG	NE	NE	12	17N	66E	6.000	IRR	0.00	9280.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79435				02-01-10	RFP	UG	NW	NW	06	17N	67E	6.000	IRR	0.00	9280.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79436				02-01-10	RFP	UG	SW	SW	24	18N	66E	6.000	IRR	0.00	1920.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
79468				02-03-10	RFP	UG	SW	SE	28	14N	67E	2.500	IRR	0.00	0.00	WP	RICHARD W AND LESLIE ANN SEARS	
79499				02-11-10	RFP	STR	SE	SE	03	18N	66E	3.000	IRR	0.00	0.00	WP	SNWA	
79500				02-11-10	RFP	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00	WP	SNWA	
79501				02-11-10	RFP	SPR	SW	SW	36	19N	66E	2.000	IRR	0.00	0.00	WP	SNWA	
79502				02-11-10	RFP	STR	NE	NE	26	19N	66E	8.000	IRR	0.00	0.00	WP	SNWA	
79503				02-11-10	RFP	STR	NE	SE	15	19N	66E	4.000	IRR	0.00	0.00	WP	SNWA	
79504				02-11-10	RFP	STR	NW	SE	29	12N	68E	5.000	IRR	0.00	0.00	WP	SNWA	
79506				02-11-10	RFP	SPR	SW	SW	01	18N	66E	0.250	IRR	0.00	0.00	WP	SNWA	
79507				02-11-10	RFP	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	0.00	WP	SNWA	
79508				02-11-10	RFP	SPR	NE	SW	01	18N	66E	0.250	IRR	0.00	0.00	WP	SNWA	
79509				02-11-10	RFP	STR	SW	SW	35	18N	66E	10.000	IRR	0.00	0.00	WP	SNWA	
79510				02-11-10	RFP	SPR	NW	SW	36	19N	66E	2.000	IRR	0.00	0.00	WP	SNWA	
79512				02-11-10	RFP	UG	SE	NE	13	12N	67E	1.700	IRR	0.00	0.00	WP	SNWA	
79513				02-11-10	RFP	UG	NE	SE	13	12N	67E	1.700	IRR	0.00	0.00	WP	SNWA	
79514				02-11-10	RFP	UG	SE	SE	12	12N	67E	1.530	IRR	0.00	544.33	WP	SNWA	
79515				02-11-10	RFP	STR	SW	NE	10	18N	66E	7.000	IRR	0.00	0.00	WP	SNWA	
79516				02-11-10	RFP	STR	NE	NE	15	19N	66E	2.000	IRR	0.00	0.00	WP	SNWA	
79517				02-11-10	RFP	SPR	SW	SE	25	19N	66E	2.000	IRR	0.00	0.00	WP	SNWA	
79519				02-11-10	RFP	UG	NW	NE	22	13N	67E	8.700	IRR	0.00	0.00	WP	SNWA	
79520				02-11-10	RFP	STR	NW	NE	13	13N	67E	8.500	IRR	0.00	0.00	WP	SNWA	
79521				02-11-10	RFP	STR	NE	SW	15	13N	67E	2.700	IRR	0.00	0.00	WP	SNWA	
79522				02-11-10	RFP	UG	NE	NE	21	13N	67E	5.400	IRR	0.00	0.00	WP	SNWA	
79523				02-11-10	RFP	UG	NE	SW	12	12N	67E	1.000	IRR	0.00	0.00	WP	SNWA	
79524				02-11-10	RFP	UG	SE	SE	31	13N	67E	4.700	IRR	0.00	0.00	WP	SNWA	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
79712				03-22-10	RFA	UG	SE	NW	26	13N	67E	1.380	IRR	0.00	921.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79713				03-22-10	RFP	UG	SE	SE	12	12N	67E	0.728	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79714				03-22-10	RFP	UG	SE	SE	12	12N	67E	1.500	IRR	0.00	544.33		WP	SOUTHERN NEVADA WATER AUTHORITY
79715				03-22-10	RFP	UG	SE	NE	13	12N	67E	1.500	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79716				03-22-10	RFP	UG	SE	NE	13	12N	67E	0.728	IRR	0.00	0.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79719				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79720				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12		WP	SOUTHERN NEVADA WATER AUTHORITY
79721				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.027	IRR	0.00	1.20		WP	SOUTHERN NEVADA WATER AUTHORITY
79722				03-25-10	RFA	UG	SE	NE	34	13N	67E	1.115	IRR	0.00	807.15		WP	SOUTHERN NEVADA WATER AUTHORITY
79723				03-25-10	RFA	UG	SE	NE	34	13N	67E	2.450	IRR	0.00	575.83		WP	SOUTHERN NEVADA WATER AUTHORITY
79724				03-25-10	RFA	UG	SE	NW	26	13N	67E	0.856	IRR	0.00	619.40		WP	SOUTHERN NEVADA WATER AUTHORITY
79725				03-25-10	RFA	UG	SE	NW	26	13N	67E	1.300	IRR	0.00	240.00		WP	SOUTHERN NEVADA WATER AUTHORITY
79726T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79727T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.027	IRR	0.00	1.20	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79728T				03-25-10	APP	UG	SE	NW	26	13N	67E	1.300	IRR	0.00	240.00	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79729T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.990	IRR	0.00	362.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79730T				03-25-10	APP	UG	SE	NE	34	13N	67E	2.450	IRR	0.00	575.83	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79731T				03-25-10	APP	UG	SE	NW	26	13N	67E	1.380	IRR	0.00	921.12	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79732T				03-25-10	APP	UG	SE	NE	34	13N	67E	1.115	IRR	0.00	807.15	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
79733T				03-25-10	APP	UG	SE	NW	26	13N	67E	0.856	IRR	0.00	619.40	Y	WP	SOUTHERN NEVADA WATER AUTHORITY
80453				01-12-11	RFP	STR	NW	NW	17	16N	68E	1.600	IRR	0.00	0.00		WP	LDS
80454				01-12-11	RFP	STR	NW	NW	17	16N	68E	1.512	IRR	0.00	544.86		WP	LDS
80455				01-12-11	RFP	STR	NW	NW	17	16N	68E	2.873	IRR	0.00	1149.20		WP	LDS
80456				01-12-11	RFP	STR	NW	NW	17	16N	68E	0.260	DEC	0.00	77.85		WP	LDS
811			131	02-08-08	CER	LAK	NW	NE	34	12N	67E	2.800	IRR	0.00	1120.00		WP	SOUTHERN NEVADA WATER AUTHORITY

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
813			659	02-08-08	CER	STR	SW	SW	08	12N	68E	0.200	IRR	0.00	60.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
8393			3213	11-18-27	CER	STR	SE	NE	02	16N	67E	1.512	IRR	0.00	544.86	WP	CORP OF CHURCH OF LATTER-DAY SAINTS	
920			866	04-16-08	CER	STR	NE	NE	22	13N	67E	1.813	IRR	0.00	543.99	WP	SOUTHERN NEVADA WATER AUTHORITY	
V00714				02-12-10	VST	STR		NW	35	13N	67E	0.000	IRR	0.00	140.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V00767				12-15-09	VST	STR	NW	SW	27	18N	68E	0.000	IRR	0.00	120.00	WP	STARKWEATHER, MR.	
V00789				06-10-10	VST	STR		NW	01	18N	66E	0.000	IRR	0.00	0.00	WP	MCGILL, WM.	
V00790				06-01-10	VST	STR	NW	NW	25	16N	66E	2.500	IRR	0.00	10847.70	WP	LDS	
V00791				06-01-10	VST	STR	NW	SE	01	17N	66E	0.000	IRR	0.00	6375.45	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01026				02-23-11	VST	STR	NE	NE	12	12N	67E	0.000	IRR	0.00	16.00	WP	SWALLOW, GEORGE	
V01080				03-30-12	VST	STR	NW	NE	16	16N	68E	0.000	IRR	0.00	266.52	WP	CORP. OF CHURCH OF LATTER-DAY SAINTS	
V01213				02-01-13	VST	STR	SE	NE	14	18N	66E	0.000	IRR	0.00	1280.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01214				02-01-13	VST	STR	NW	SE	26	18N	66E	0.000	IRR	0.00	2000.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01215				02-01-13	VST	STR	NW	SE	01	17N	66E	0.000	IRR	0.00	6400.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01216				02-01-13	VST	STR	NE	SW	24	15N	66E	0.000	IRR	0.00	400.00	WP	SOUTHERN NEVADA WATER AUTHORITY	
V01217				02-01-13	VST	STR	SE	NW	24	16N	66E	0.000	IRR	0.00	12000.00	WP	LDS	
V01218				01-27-13	VST	STR	NE	NW	06	16N	67E	0.000	IRR	0.00	4800.00	WP	LDS	
V01219				02-01-13	VST	STR	SE	NW	02	18N	66E	7.728	IRR	0.00	1804.26	WP	GEORGE ELDRIDGE & SON, INC.	
V01648				11-20-19	VST	STR	NW	SW	27	18N	68E	1.000	IRR	0.00	300.00	WP	GEORGE ELDRIDGE & SON, INC.	
V01686				01-30-20	VST	STR	NE	NW	01	21N	65E	0.000	IRR	0.00	179.60	WP	DOUTRE, JAMES	
V01764				04-25-21	VST	STR	NE	SW	30	17N	67E	0.000	IRR	0.00	40.00	WP	CASIER, ELAINE E.	
V01969				01-26-26	VST	STR	NW	NW	15	20N	66E	1.000	IRR	0.00	400.00	WP	GEORGE ELDRIDGE & SON, INC.	
V02286				04-21-36	VST	STR	SW	NW	16	20N	66E	2.000	IRR	0.00	78.68	WP	CLARK, ALONZO	
V02305				09-13-40	DEC	STR	NW	NE	34	20N	66E	0.000	IRR	0.00	877.20	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02332				02-06-46	DEC	STR	SW	SE	28	20N	66E	1.418	IRR	0.00	517.56	WP	GEORGE ELDRIDGE & SON, INC.	
V02804				08-28-72	DEC	STR	SW	SW	24	18N	66E	7.039	IRR	0.00	904.62	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02805				08-28-72	DEC	STR	NE	NE	26	19N	66E	6.666	IRR	0.00	629.85	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02817				01-16-73	VST	SPR	SE	NW	18	16N	67E	10.000	IRR		9600.00	WP	LDS	
V02818				01-16-73	VST	SPR	NW	SE	18	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02819				01-16-73	VST	SPR	NE	SE	18	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	

PRELIMINARY DATA  
SUBJECT TO REVISION

Number of Records: 261

Selection Criteria: basin IN ('184') AND app\_status IN ('APP','CER','PER','RES','RFA','RFP','RLP','RVP','VST','DEC') AND mou IN

Basin	Application	Change of Application	Cert	File date	App status	Source	Point of Diversion					Diversion rate	Use	Irrigated Acres	Duty balance	Sup?	CO	Owner name
							QQ	Q	SEC	TWN	RNG							
V02820				01-16-73	VST	SPR	SE	SE	18	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02821				01-16-73	VST	SPR	NE	NE	19	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02822				01-16-73	VST	SPR	SW	SW	17	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02823				01-16-73	VST	SPR	NW	NW	20	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02824				01-16-73	VST	SPR	NE	SE	19	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02825				01-16-73	VST	SPR	SE	NE	19	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02826				01-16-73	VST	SPR	SW	NW	20	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02827				01-16-73	VST	SPR	NW	SW	20	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02828				01-16-73	VST	SPR	SE	NW	20	16N	67E	10.000	IRR	0.00	9600.00	WP	LDS	
V02851				04-17-75	VST	SPR	SW	NE	26	13N	67E	0.000	IRR	0.00	529.60	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02852				04-17-75	VST	SPR	NW	SW	25	13N	67E	0.000	IRR	0.00	574.40	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02853				04-17-75	VST	SPR	SW	SE	30	13N	68E	0.000	IRR	0.00	600.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02854				04-17-75	VST	SPR	SW	SE	30	13N	68E	0.000	IRR	0.00	659.60	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02855				04-17-75	VST	SPR	NW	NW	36	13N	67E	1.000	IRR	0.00	646.80	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02860				07-22-75	VST	STR	NW	NW	07	12N	68E	0.000	IRR	0.00	3027.72	WP	SOUTHERN NEVADA WATER AUTHORITY	
V02861				07-22-75	VST	STR	NE	NW	18	12N	68E	0.000	IRR	0.00	3027.72	WP	SOUTHERN NEVADA WATER AUTHORITY	
V09665				06-06-07	VST	SPR	NE	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09666				06-06-07	VST	SPR	SW	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09667				06-06-07	VST	SPR	SE	NW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09668				06-06-07	VST	SPR	NE	SW	18	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09669				06-06-07	VST	SPR	NE	NW	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09670				06-06-07	VST	SPR	NW	NW	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09671				06-06-07	VST	SPR	NE	NW	30	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	
V09672				06-06-07	VST	SPR	SE	NE	19	17N	67E	2.000	IRR	0.00	0.00	WP	ANDRAE, ARTHUR AND AUDRAE	

PRELIMINARY DATA  
SUBJECT TO REVISION

## **Appendix 45**

### **Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights (Un-sorted)**

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
18524	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	5.28
18525	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	8.43
18525	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	6.03
19654	Cert.	U/G	SE	SE	31	13N	67E	Mt. Diablo	29.75
19654	Cert.	U/G	NE	SW	32	13N	67E	Mt. Diablo	17.19
19654	Cert.	U/G	NW	SW	32	13N	67E	Mt. Diablo	16.61
19654	Cert.	U/G	SE	SW	32	13N	67E	Mt. Diablo	40.25
19654	Cert.	U/G	SW	SW	32	13N	67E	Mt. Diablo	40.16
20817	Cert.	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
22645	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	15.00
25439	Cert.	U/G	NE	SE	27	13N	67E	Mt. Diablo	40.00
25439	Cert.	U/G	SE	SE	27	13N	67E	Mt. Diablo	20.00
25679	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
25679	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
25679	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
25679	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25
25679	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
25679	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
25680	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
25680	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
25680	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
25680	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25
25680	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
25680	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
26228	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26228	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26228	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26228	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26229	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
26229	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
26502	Cert.	U/G	SE	NE	22	13N	67E	Mt. Diablo	11.02
26502	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	7.35
26546	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
26546	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
26952	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26952	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26952	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26952	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26953	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26953	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26953	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26953	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
27378	Cert.	U/G	NW	NE	11	19N	66E	Mt. Diablo	3.49
27378	Cert.	U/G	SE	NE	11	19N	66E	Mt. Diablo	36.00
27378	Cert.	U/G	SW	NE	11	19N	66E	Mt. Diablo	39.85
27378	Cert.	U/G	NE	SE	11	19N	66E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
27378	Cert.	U/G	NW	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	SE	SE	11	19N	66E	Mt. Diablo	30.48
27378	Cert.	U/G	SW	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	NE	SW	11	19N	66E	Mt. Diablo	1.47
27378	Cert.	U/G	SE	SW	11	19N	66E	Mt. Diablo	0.73
27378	Cert.	U/G	SW	NW	12	19N	66E	Mt. Diablo	25.34
27378	Cert.	U/G	NW	SW	12	19N	66E	Mt. Diablo	28.65
27378	Cert.	U/G	SW	SW	12	19N	66E	Mt. Diablo	2.20
27378	Cert.	U/G	NE	NE	14	19N	66E	Mt. Diablo	18.37
27378	Cert.	U/G	NW	NE	14	19N	66E	Mt. Diablo	25.71
28653	Cert.	U/G	SE	NE	34	13N	67E	Mt. Diablo	0.30
29219	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29219	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29219	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29220	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29220	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29221	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29221	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
30319	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	18.18
30319	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	24.24
30319	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.64
30319	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	30.01
30319	Cert.	U/G	SW	SE	24	12N	67E	Mt. Diablo	13.64
30319	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	40.00
30319	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
30319	Cert.	U/G	NW	NW	25	12N	67E	Mt. Diablo	19.86
30319	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	7.13
34727	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	15.45
34727	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	21.49
34727	Cert.	U/G	NW	NE	22	13N	67E	Mt. Diablo	0.65
34727	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	1.60
34727	Cert.	U/G	NE	NW	22	13N	67E	Mt. Diablo	41.36
34727	Cert.	U/G	NW	NW	22	13N	67E	Mt. Diablo	41.90
34727	Cert.	U/G	SE	NW	22	13N	67E	Mt. Diablo	36.80
34727	Cert.	U/G	SW	NW	22	13N	67E	Mt. Diablo	41.94
38972	Cert.	U/G	NW	NE	35	13N	67E	Mt. Diablo	34.09
38972	Cert.	U/G	NE	NW	35	13N	67E	Mt. Diablo	37.87
38972	Cert.	U/G	NW	NW	35	13N	67E	Mt. Diablo	40.30
38972	Cert.	U/G	SE	NW	35	13N	67E	Mt. Diablo	39.48
38972	Cert.	U/G	SW	NW	35	13N	67E	Mt. Diablo	40.38
39817	Permit	U/G	NE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SW	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SE	SW	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	NE	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NE	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	NW	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SW	SW	18	18N	67E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SE	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SE	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	NE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	36	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NE	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	31	18N	67E	Mt. Diablo	40.00
45287	Cert.	U/G	SW	NW	12	12N	67E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
45287	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	38.20
54204	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
56049	Permit	U/G	NW	SE	24	19N	66E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
56049	Permit	U/G	SW	SE	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NW	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NW	30	19N	67E	Mt. Diablo	40.00
56050	Cert.	U/G	SW	NE	31	18N	68E	Mt. Diablo	30.18
56050	Cert.	U/G	SE	NE	31	18N	68E	Mt. Diablo	5.53
56050	Cert.	U/G	NW	SE	31	18N	68E	Mt. Diablo	24.29
56051	Permit	U/G	NE	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	NW	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SW	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SE	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	NE	SE	26	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SE	SE	26	19N	66E	Mt. Diablo	40.00
63532	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
63533	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71525	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71525	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71525	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71525	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71525	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71525	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71525	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71525	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71525	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71525	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71525	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71525	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71525	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71525	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71525	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71525	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71525	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71526	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71526	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71526	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71526	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71526	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71526	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71526	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71526	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71526	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71526	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71526	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71526	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71526	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71526	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71526	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71526	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71526	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
71526	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71603	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71603	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71603	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71603	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71603	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71603	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71603	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71603	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71603	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71603	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71603	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71603	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71603	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71603	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71603	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71603	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71603	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71603	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71840	Permit	U/G	SE	SE	13	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	NE	NE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	SE	NE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	NE	SE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G		LOT1	19	20N	67E	Mt. Diablo	36.74
71840	Permit	U/G		LOT2	19	20N	67E	Mt. Diablo	36.58
71840	Permit	U/G		LOT3	19	20N	67E	Mt. Diablo	36.43
71840	Permit	U/G	NE	SW	19	20N	67E	Mt. Diablo	40.00
74274	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
74274	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
74274	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
74274	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
74274	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
74274	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
74274	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
74274	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
74274	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
74274	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
74274	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
74274	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
74274	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
74274	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
74274	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
74274	Permit	U/G	SE	NE	24	12N	67E	Mt. Diablo	3.56
74274	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
74274	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
78107	Permit	U/G	SW	SE	15	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SW	15	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	15	13N	67E	Mt. Diablo	40.00

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
78107	Permit	U/G	SW	SW	15	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SW	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NW	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NW	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	NE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	NE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	SW	22	13N	67E	Mt. Diablo	40.00

## **Appendix 46**

### **Spring Valley: Place of Use of Permitted and Certificated Groundwater Rights (Sorted)**

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
54204	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SW	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SE	SW	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	NE	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NE	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	NW	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SE	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SE	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	NE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	36	18N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	NW	NE	11	19N	66E	Mt. Diablo	3.49
27378	Cert.	U/G	SE	NE	11	19N	66E	Mt. Diablo	36.00
27378	Cert.	U/G	SW	NE	11	19N	66E	Mt. Diablo	39.85
27378	Cert.	U/G	NE	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	NW	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	SE	SE	11	19N	66E	Mt. Diablo	30.48
27378	Cert.	U/G	SW	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	NE	SW	11	19N	66E	Mt. Diablo	1.47
27378	Cert.	U/G	SE	SW	11	19N	66E	Mt. Diablo	0.73
27378	Cert.	U/G	SW	NW	12	19N	66E	Mt. Diablo	25.34
27378	Cert.	U/G	NW	SW	12	19N	66E	Mt. Diablo	28.65
27378	Cert.	U/G	SW	SW	12	19N	66E	Mt. Diablo	2.20
27378	Cert.	U/G	NE	NE	14	19N	66E	Mt. Diablo	18.37
27378	Cert.	U/G	NW	NE	14	19N	66E	Mt. Diablo	25.71
56049	Permit	U/G	NE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NW	SE	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	SE	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NW	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NE	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	NE	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	NW	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SE	SW	25	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SW	SW	25	19N	66E	Mt. Diablo	40.00

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
56051	Permit	U/G	NE	SE	26	19N	66E	Mt. Diablo	40.00
56051	Permit	U/G	SE	SE	26	19N	66E	Mt. Diablo	40.00
71840	Permit	U/G	SE	SE	13	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	NE	NE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	SE	NE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	NE	SE	24	20N	66E	Mt. Diablo	40.00
45287	Cert.	U/G	SW	NW	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
22645	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	15.00
45287	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	38.20
63532	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71526	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71603	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
74274	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
63532	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71526	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71603	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
74274	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
63532	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71526	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71603	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
74274	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
63532	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71526	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71603	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
74274	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
63532	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71526	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71603	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
74274	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
63532	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71526	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71603	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
74274	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
63532	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71526	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71603	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
74274	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
25679	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
25680	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
63532	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71526	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71603	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
74274	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
63532	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71526	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71603	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
74274	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
63532	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71526	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71603	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
74274	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
63532	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71526	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71603	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
74274	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
25679	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
25680	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
63532	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71526	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71603	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
74274	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
25679	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
25680	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
30319	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	18.18
74274	Permit	U/G	SE	NE	24	12N	67E	Mt. Diablo	3.56
25679	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
25680	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25
30319	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	24.24
63532	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71526	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71603	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
74274	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
63532	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71526	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71603	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
74274	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
63532	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71526	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71603	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
63532	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71526	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71603	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
74274	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
25679	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
25680	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
30319	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.64
25679	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
25680	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
30319	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	30.01
30319	Cert.	U/G	SW	SE	24	12N	67E	Mt. Diablo	13.64
63532	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71526	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71603	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
74274	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
63532	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71526	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71603	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
74274	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
18525	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	8.43
30319	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	40.00
18525	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	6.03
30319	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	40.00

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
30319	Cert.	U/G	NW	NW	25	12N	67E	Mt. Diablo	19.86
18524	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	5.28
30319	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	7.13
78107	Permit	U/G	SW	SE	15	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SW	15	13N	67E	Mt. Diablo	40.00
26229	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
26546	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
34727	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	15.45
78107	Permit	U/G	SE	SW	15	13N	67E	Mt. Diablo	40.00
26229	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
26546	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
34727	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	21.49
78107	Permit	U/G	SW	SW	15	13N	67E	Mt. Diablo	40.00
26228	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26952	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26953	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
78107	Permit	U/G	NE	SE	16	13N	67E	Mt. Diablo	40.00
26228	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26952	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26953	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
78107	Permit	U/G	NW	SE	16	13N	67E	Mt. Diablo	40.00
26228	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26952	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26953	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
78107	Permit	U/G	SE	SE	16	13N	67E	Mt. Diablo	40.00
26228	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26952	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26953	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
78107	Permit	U/G	SW	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SW	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	16	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NW	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NW	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
34727	Cert.	U/G	NW	NE	22	13N	67E	Mt. Diablo	0.65
78107	Permit	U/G	NW	NE	22	13N	67E	Mt. Diablo	40.00
26502	Cert.	U/G	SE	NE	22	13N	67E	Mt. Diablo	11.02
26502	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	7.35
34727	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	1.60

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
78107	Permit	U/G	SW	NE	22	13N	67E	Mt. Diablo	40.00
34727	Cert.	U/G	NE	NW	22	13N	67E	Mt. Diablo	41.36
78107	Permit	U/G	NE	NW	22	13N	67E	Mt. Diablo	40.00
34727	Cert.	U/G	NW	NW	22	13N	67E	Mt. Diablo	41.90
78107	Permit	U/G	NW	NW	22	13N	67E	Mt. Diablo	40.00
34727	Cert.	U/G	SE	NW	22	13N	67E	Mt. Diablo	36.80
78107	Permit	U/G	SE	NW	22	13N	67E	Mt. Diablo	40.00
34727	Cert.	U/G	SW	NW	22	13N	67E	Mt. Diablo	41.94
78107	Permit	U/G	SW	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	SW	22	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29220	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29221	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29219	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29220	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29221	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29219	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
25439	Cert.	U/G	NE	SE	27	13N	67E	Mt. Diablo	40.00
25439	Cert.	U/G	SE	SE	27	13N	67E	Mt. Diablo	20.00
19654	Cert.	U/G	SE	SE	31	13N	67E	Mt. Diablo	29.75
19654	Cert.	U/G	NE	SW	32	13N	67E	Mt. Diablo	17.19
19654	Cert.	U/G	NW	SW	32	13N	67E	Mt. Diablo	16.61
19654	Cert.	U/G	SE	SW	32	13N	67E	Mt. Diablo	40.25
19654	Cert.	U/G	SW	SW	32	13N	67E	Mt. Diablo	40.16
28653	Cert.	U/G	SE	NE	34	13N	67E	Mt. Diablo	0.30
38972	Cert.	U/G	NW	NE	35	13N	67E	Mt. Diablo	34.09
38972	Cert.	U/G	NE	NW	35	13N	67E	Mt. Diablo	37.87
38972	Cert.	U/G	NW	NW	35	13N	67E	Mt. Diablo	40.30
38972	Cert.	U/G	SE	NW	35	13N	67E	Mt. Diablo	39.48
38972	Cert.	U/G	SW	NW	35	13N	67E	Mt. Diablo	40.38
54204	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00

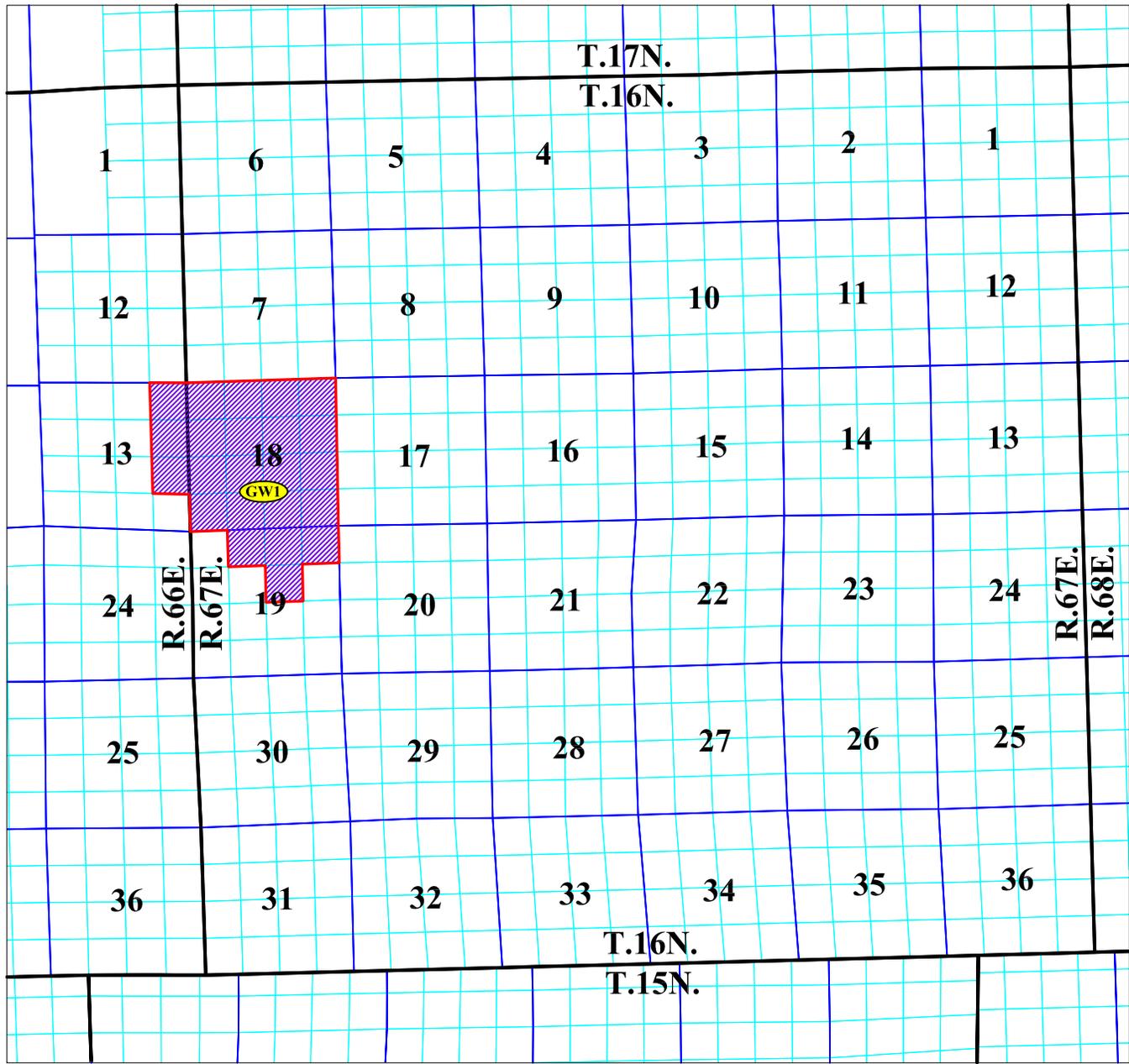
Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

App	Status	Source	Place of Use					Meridian	Acres
			QQ	Q	Sec	Twn	Rng		
54204	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
39817	Permit	U/G	SW	SW	18	18N	67E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NE	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	31	18N	67E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NW	30	19N	67E	Mt. Diablo	40.00
71840	Permit	U/G		LOT1	19	20N	67E	Mt. Diablo	36.74
71840	Permit	U/G		LOT2	19	20N	67E	Mt. Diablo	36.58
71840	Permit	U/G		LOT3	19	20N	67E	Mt. Diablo	36.43
71840	Permit	U/G	NE	SW	19	20N	67E	Mt. Diablo	40.00
56050	Cert.	U/G	SE	NE	31	18N	68E	Mt. Diablo	5.53
56050	Cert.	U/G	SW	NE	31	18N	68E	Mt. Diablo	30.18
56050	Cert.	U/G	NW	SE	31	18N	68E	Mt. Diablo	24.29

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

**Appendix 47**

**Groundwater Place of Use Township 16N,  
Range 67E; Portion of Township 16N,  
Range 66E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	54204 and 54205	Permits

# Legend

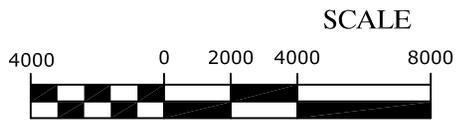
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Groundwater Place of Use
- Groundwater Reference Label
- 14** Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

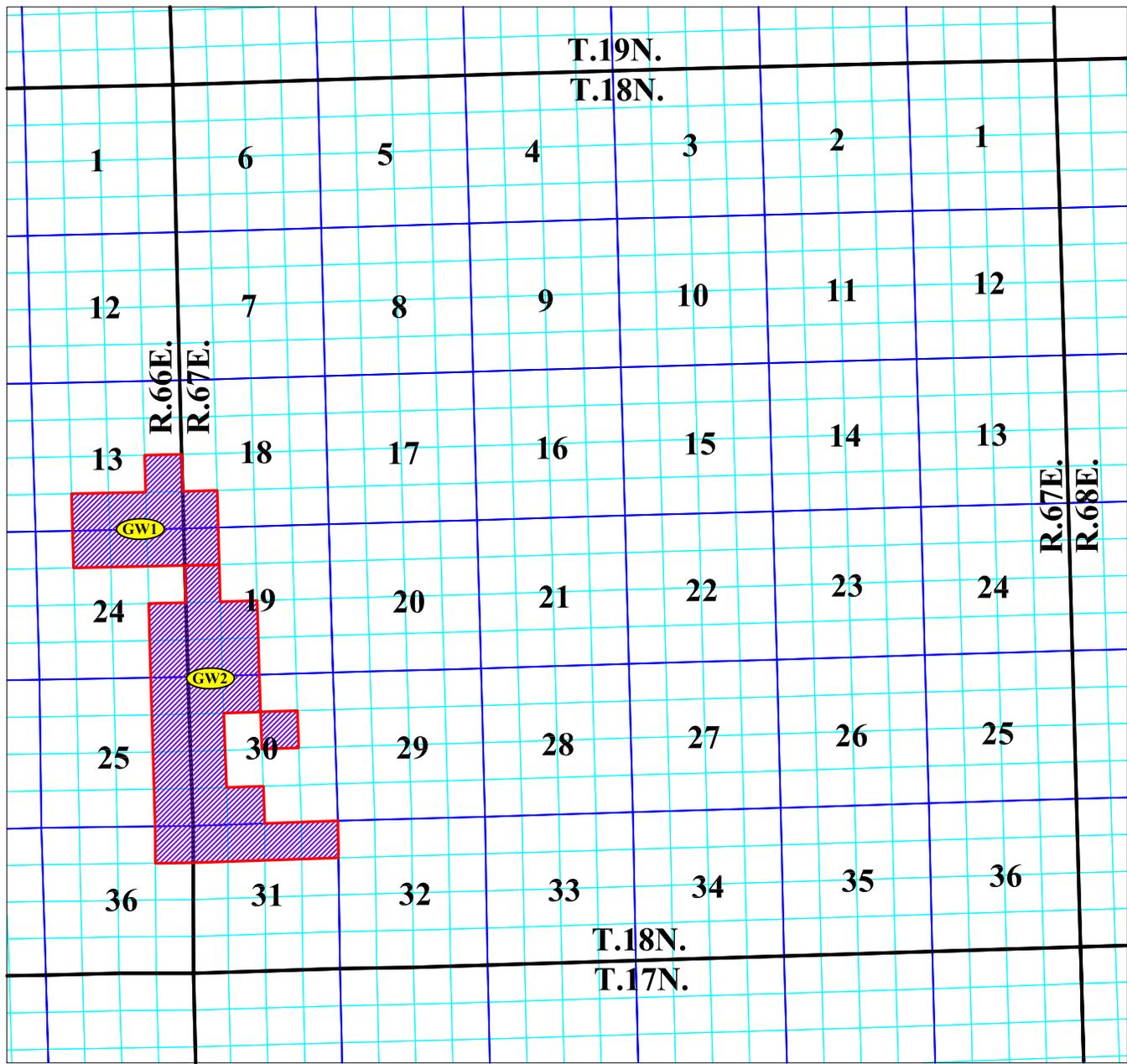
Permits 54204 and 54205 share a common place of use; however, Permit 54204's point of diversion is located within Township 16 North, Range 67 East, and Permit 54205's point of diversion is located within Township 16 North, Range 66 East.



**Groundwater Places of Use**  
**Township 16 North, Range 67 East;**  
**Portion of T. 16 North, Range 66 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 48**

**Groundwater Place of Use Township 18N,  
Range 67E; Portion of Township 18N,  
Range 66E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	39817	Permit
GW-2	39818	Permit

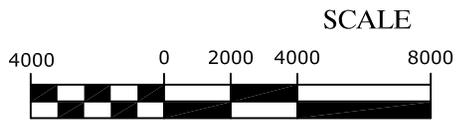
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Groundwater Place of Use
- Groundwater Reference Label
- 14** Section Number

# Notes

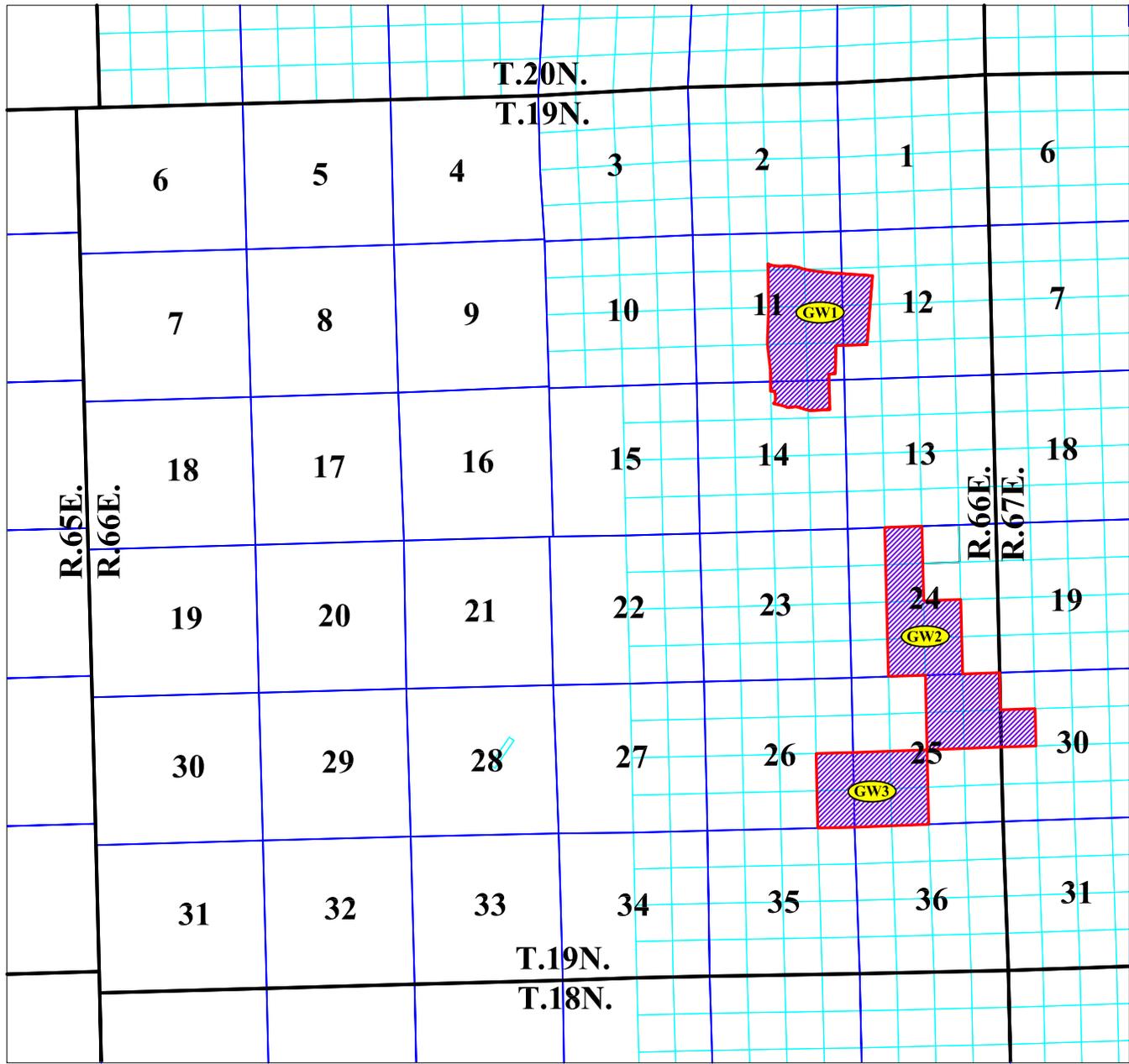
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use**  
**Township 18 North, Range 67 East;**  
**Portion of T. 18 North, Range 66 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 49**

**Groundwater Place of Use Township 19N,  
Range 66E; Portion of Township 19N,  
Range 67E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	27378	Certificate
GW-2	56049	Permit
GW-3	56051	Permit

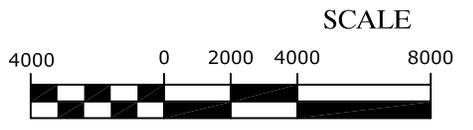
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Groundwater Place of Use
- Groundwater Reference Label
- 14** Section Number

# Notes

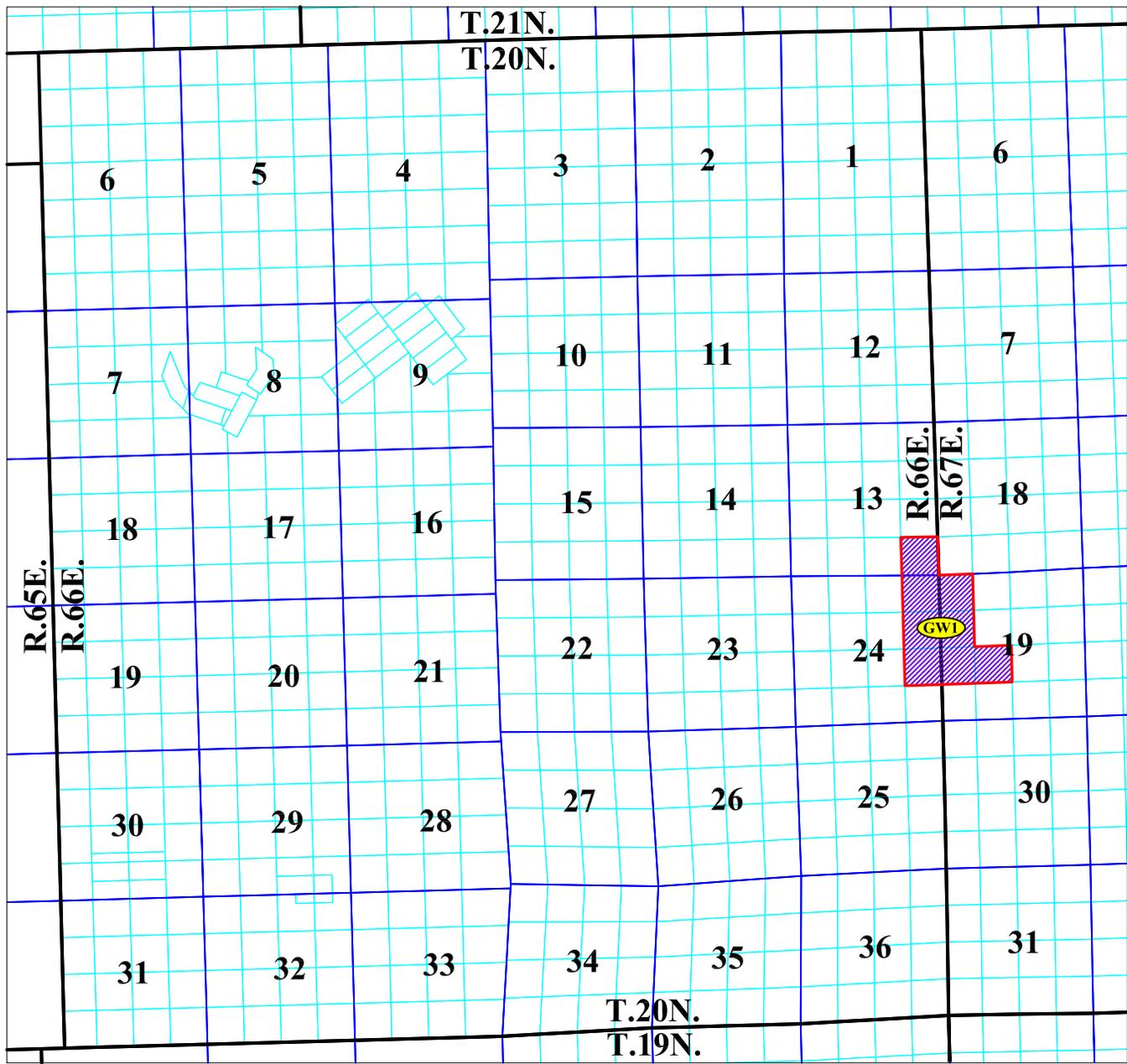
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use**  
**Township 19 North, Range 66 East;**  
**Portion of T. 19 North, Range 67 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 50**

**Groundwater Place of Use Township 20N,  
Range 66E; Portion of Township 20N,  
Range 67E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	71840	Permit

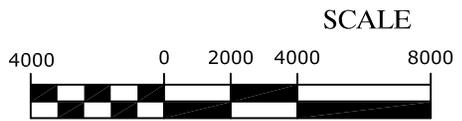
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Groundwater Place of Use
- Groundwater Reference Label
- 14** Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use**  
**Township 20 North, Range 66 East;**  
**Portion of T. 20 North, Range 67 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 51**

**Groundwater Place of Use  
Township 12N, Range 67E, MDBM**

# Index Key

## Groundwater

ID No	Application No.	Status
GW-1	45287	Certificate
GW-2	22645	Certificate
GW-3	22645 and 45287	Certificates
GW-4	25679/27680	Certificates
GW-5	25679/27680 and 30319	Certificates
GW-6	30319	Certificates
GW-7	18524	Certificates
GW-8	63532 and 63533	Permits
GW-9	71525, 71526, 71603, and 74274	Permits
GW-10	18525 and 30319	Certificates

## Legend

-  Quarter - Quarter Subdivisions Lines
-  Section Lines
-  Township and Range Lines
-  Boundary of Place of Use of Water Rights
-  Permit Place of Use of Water Rights
-  Approximate Place of Overlapping Use



Groundwater  
Place of Use

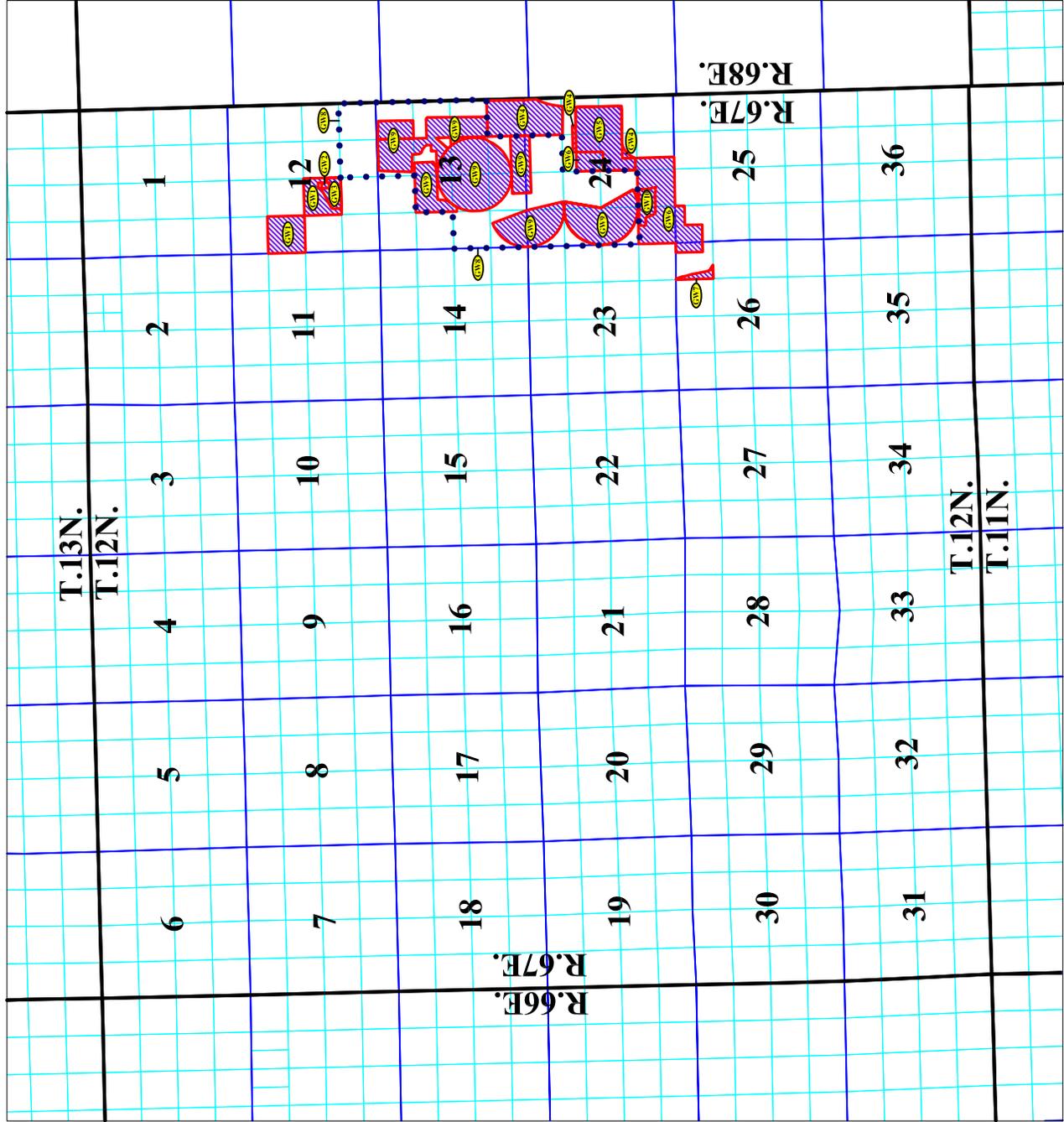


Groundwater  
Reference Label

14 Section Number

## Notes

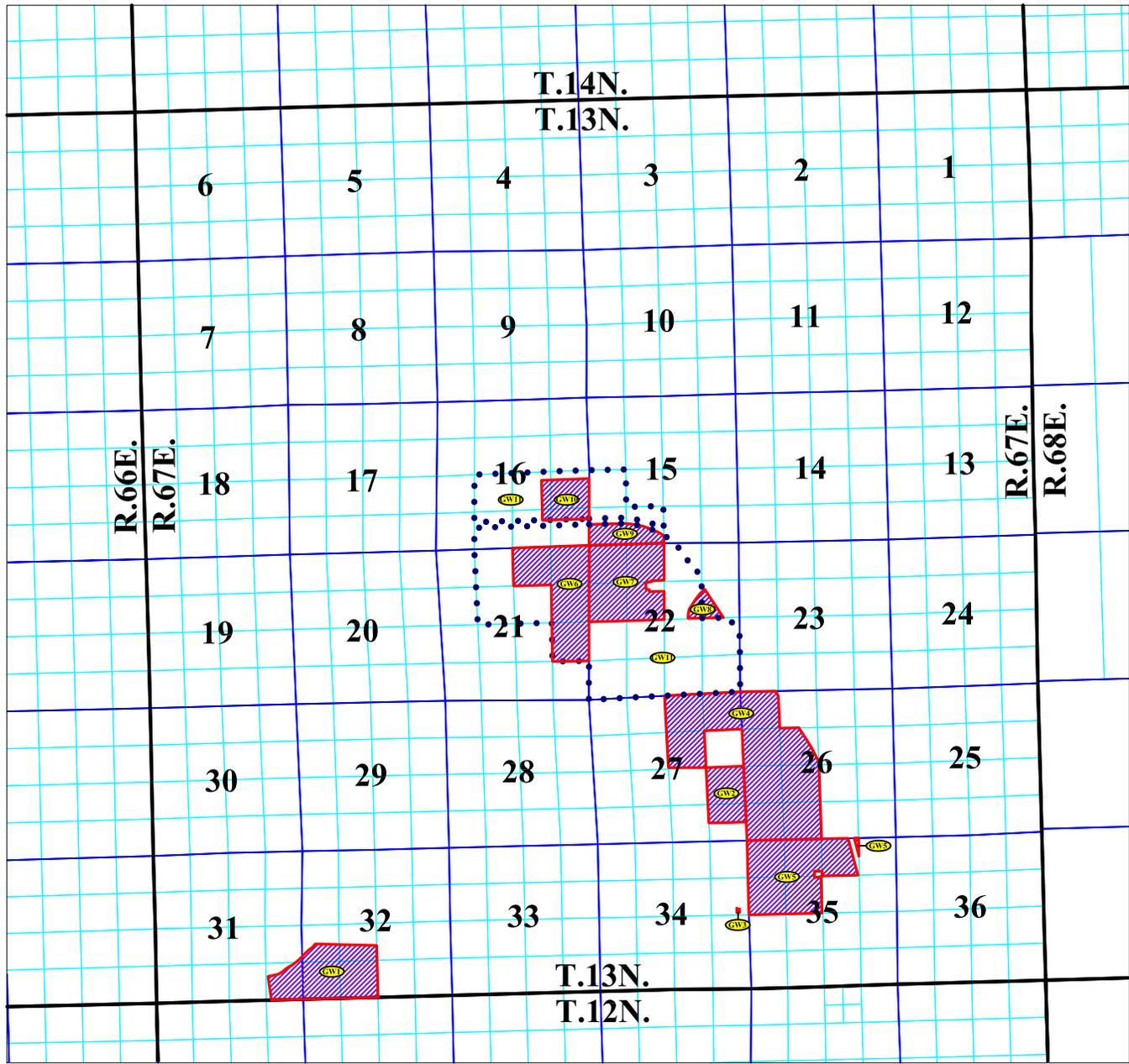
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



Groundwater Places of Use  
Township 12 North, Range 67 East;  
Mount Diablo Baseline and Meridian

**Appendix 52**

**Groundwater Place of Use  
Township 13N, Range 67E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	19654	Certificate
GW-2	25439	Certificate
GW-3	28653	Certificate
GW-4	29219, 29220, and 29221	Certificate
GW-5	38972	Certificate
GW-6	20817	Certificate
GW-7	34727	Certificate
GW-8	26502	Certificate
GW-9	26229, 26546, and 34727	Certificate
GW-10	26228, 26952, and 26953	Certificate
GW-11	78107	Permit

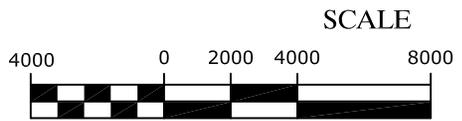
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights

- Groundwater Place of Use
- Groundwater Reference Label
- 14** Section Number

# Notes

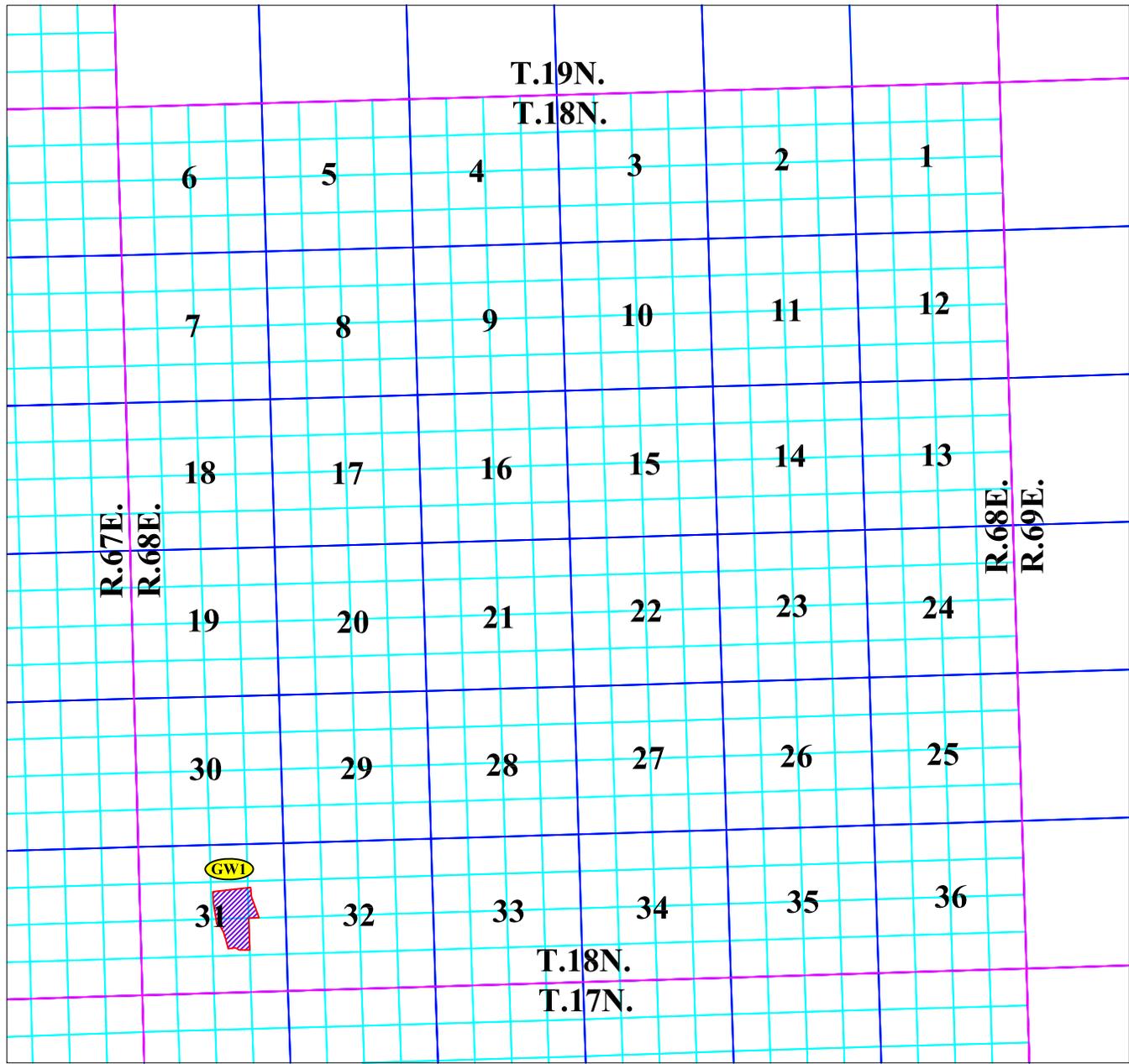
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use  
Township 13 North, Range 67 East;  
Mount Diablo Baseline and Meridian**

**Appendix 53**

**Groundwater Place of Use Township 18N,  
Range 68E, Range 68E, MDBM**



# Index Key

Groundwater		
ID NO	Application No.	Status
GW-1	56050	Certificate

# Legend

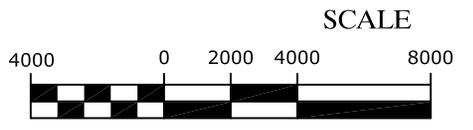
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Groundwater Place of Use
- Groundwater Reference Label

**14** Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use  
Township 18 North, Range 68 East;  
Mount Diablo Baseline and Meridian**

## **Appendix 54**

### **Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Surface Water Rights (Un-Sorted)**

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
811	CER	LAK	NW	SE	22	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SE	SW	22	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SW	SW	22	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SE	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SW	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	NW	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	NE	NW	27	12N	67E	Mt. Diablo	40.00
813	CER	STR	NE	SE	13	12N	67E	Mt. Diablo	20
920	CER	STR	NW	NE	22	13N	67E	Mt. Diablo	0.69
920	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	6.34
920	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	3.96
920	CER	STR	SW	NE	22	13N	67E	Mt. Diablo	8.48
920	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40.36
920	CER	STR	NW	SE	22	13N	67E	Mt. Diablo	8.27
920	CER	STR	NE	SW	22	13N	67E	Mt. Diablo	36.65
920	CER	STR	NW	SW	22	13N	67E	Mt. Diablo	16.28
920	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	23.01
920	CER	STR	SW	SE	22	13N	67E	Mt. Diablo	7.92
920	CER	STR	SE	SW	22	13N	67E	Mt. Diablo	18.9
920	CER	STR	SE	SW	22	13N	67E	Mt. Diablo	10.47
1052	CER	STR	E2	NE	1	13N	67E	Mt. Diablo	17
1052	CER	STR	NW	NW	6	13N	68E	Mt. Diablo	3
1159	CER	STR	SE	SE	28	17N	67E	Mt. Diablo	29.3
1159	CER	STR	E2	NE	33	17N	67E	Mt. Diablo	78.4
1159	CER	STR	NE	SE	33	17N	67E	Mt. Diablo	19
1159	CER	STR	W2	NW	34	17N	67E	Mt. Diablo	62.4
1159	CER	STR	NW	SW	34	17N	67E	Mt. Diablo	20
1520	CER	STR		NW	3	20N	66E	Mt. Diablo	8
1922	CER	SPR		NE	21	15N	68E	Mt. Diablo	20
2005	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	40
2005	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	40
2261	CER	STR			23	16N	65E	Mt. Diablo	1
2745	CER	SPR	SW	NE	31	17N	67E	Mt. Diablo	20
2852	CER	STR	SW	SW	17	16N	67E	Mt. Diablo	15.90
2852	CER	STR	SE	SW	17	16N	67E	Mt. Diablo	5.50
2852	CER	STR	SE	SE	19	16N	67E	Mt. Diablo	1.00
2852	CER	STR		NE	19	16N	67E	Mt. Diablo	102.50
2852	CER	STR	NE	NW	19	16N	67E	Mt. Diablo	0.17
2852	CER	STR	NW	SE	19	16N	67E	Mt. Diablo	2.29
2852	CER	STR	NE	SE	19	16N	67E	Mt. Diablo	37.90
2852	CER	STR	SE	SE	19	16N	67E	Mt. Diablo	28.70
2852	CER	STR	NW	NE	20	16N	67E	Mt. Diablo	13.20
2852	CER	STR	SW	NE	20	16N	67E	Mt. Diablo	34.00
2852	CER	STR	NW	SE	20	16N	67E	Mt. Diablo	28.70
2852	CER	STR	SW	SE	20	16N	67E	Mt. Diablo	19.70
2852	CER	STR		NW	20	16N	67E	Mt. Diablo	149.70
2852	CER	STR		SW	20	16N	67E	Mt. Diablo	160.00

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
2852	CER	STR	NW	NE	29	16N	67E	Mt. Diablo	26.40
2852	CER	STR	SW	NE	29	16N	67E	Mt. Diablo	17.80
2852	CER	STR	N2	NW	29	16N	67E	Mt. Diablo	80.00
2852	CER	STR	SE	NW	29	16N	67E	Mt. Diablo	37.70
2852	CER	STR	SW	NW	29	16N	67E	Mt. Diablo	28.90
2852	CER	STR	NE	NE	30	16N	67E	Mt. Diablo	12.10
3186	CER	STR	SE	NW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	SW	NW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	NE	SW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	NW	SW	35	17N	67E	Mt. Diablo	40
3203	CER	SPR	SW	NE	9	16N	67E	Mt. Diablo	7
3203	CER	SPR	NW	SE	9	16N	67E	Mt. Diablo	28
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	1
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	1.7
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	15.36
3383	CER	STR	NE	SW	14	17N	66E	Mt. Diablo	1.9
3433	CER	STR	SW	NE	4	21N	66E	Mt. Diablo	6.35
3433	CER	STR	SW	NE	4	21N	66E	Mt. Diablo	20.3
3433	CER	STR	NE	NW	4	21N	66E	Mt. Diablo	0.5
3433	CER	STR	NE	NW	4	21N	66E	Mt. Diablo	8.2
3433	CER	STR	SE	NW	4	21N	66E	Mt. Diablo	9.65
3433	CER	STR	SE	NW	4	21N	66E	Mt. Diablo	3.4
3433	CER	STR	NW	SE	4	21N	66E	Mt. Diablo	24.2
3793	CER	SPR	SE	SW	15	16N	68E	Mt. Diablo	2.29
3793	CER	SPR	SW	SW	15	16N	68E	Mt. Diablo	3.21
3793	CER	SPR	NE	NW	22	16N	68E	Mt. Diablo	0.1
3793	CER	SPR	NW	NW	22	16N	68E	Mt. Diablo	4.62
3865	CER	STR	NW	SE	1	11N	67E	Mt. Diablo	35.77
3865	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	28.39
3865	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	11.57
3865	CER	STR	NE	NE	12	11N	67E	Mt. Diablo	0.68
3865	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	39.6
3865	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	0.37
3865	CER	STR	SE	NE	12	11N	67E	Mt. Diablo	11.17
3865	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	31.55
3865	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	8.15
3865	CER	STR	NE	SE	12	11N	67E	Mt. Diablo	14.32
3865	CER	STR	SE	SE	12	11N	67E	Mt. Diablo	30.12
3865	CER	STR	SW	SE	12	11N	67E	Mt. Diablo	1.25
3865	CER	STR	NE	NE	13	11N	67E	Mt. Diablo	0.91
3865	CER	STR	NW	NE	13	11N	67E	Mt. Diablo	0.13
3927	CER	SPR	NW	NW	27	17N	68E	Mt. Diablo	1
3927	CER	SPR	SW	NW	27	17N	68E	Mt. Diablo	4
3927	CER	SPR	SE	NE	28	17N	68E	Mt. Diablo	5
4041	CER	STR	SE	SE	11	19N	66E	Mt. Diablo	40
4041	CER	STR	SW	SE	11	19N	66E	Mt. Diablo	40
4041	CER	STR	NW	NE	14	19N	66E	Mt. Diablo	40

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
4042	CER	STR	NE	SE	11	19N	66E	Mt. Diablo	40
4042	CER	STR	NW	SW	12	19N	66E	Mt. Diablo	40
4042	CER	STR	SW	SW	12	19N	66E	Mt. Diablo	40
4043	CER	STR	NE	NE	11	19N	66E	Mt. Diablo	40
4043	CER	STR	NW	NE	11	19N	66E	Mt. Diablo	40
4043	CER	STR	SE	NE	11	19N	66E	Mt. Diablo	40
4043	CER	STR	SW	NE	11	19N	66E	Mt. Diablo	40
4043	CER	STR	NW	NW	12	19N	66E	Mt. Diablo	40
4043	CER	STR	SW	NW	12	19N	66E	Mt. Diablo	40
4418	CER	STR	NW	NE	13	12N	67E	Mt. Diablo	40
4418	CER	STR	SW	NE	13	12N	67E	Mt. Diablo	35.2
4418	CER	STR	NE	SE	13	12N	67E	Mt. Diablo	14.5
4418	CER	STR	NW	SE	13	12N	67E	Mt. Diablo	40
4418	CER	STR	SW	SE	13	12N	67E	Mt. Diablo	40
4418	CER	STR	NE	NW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	SE	NW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	NW	NW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	NE	SW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	SE	SW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	NW	SW	13	12N	67E	Mt. Diablo	40
4418	CER	STR	NE	NE	14	12N	67E	Mt. Diablo	40
4951	CER	STR	SW	SW	28	21N	66E	Mt. Diablo	8.36
5028	CER	SPR	SW	NW	27	17N	68E	Mt. Diablo	3.04
5028	CER	SPR	SE	NE	28	17N	68E	Mt. Diablo	3.56
5247	PER	STR		NE	22	20N	66E	Mt. Diablo	200
5546	CER	SPR	NE	SE	17	15N	68E	Mt. Diablo	5.26
5546	CER	SPR	NW	SE	17	15N	68E	Mt. Diablo	1.39
5546	CER	SPR	SE	SE	17	15N	68E	Mt. Diablo	11.45
5546	CER	SPR	SW	SE	17	15N	68E	Mt. Diablo	5.14
5691	CER	STR	SE	SE	28	17N	67E	Mt. Diablo	28
5691	CER	STR	NE	NE	33	17N	67E	Mt. Diablo	40
5691	CER	STR	SE	NE	33	17N	67E	Mt. Diablo	40
5691	CER	STR	NE	SE	33	17N	67E	Mt. Diablo	23.03
5691	CER	STR	NW	NW	34	17N	67E	Mt. Diablo	21.2
5691	CER	STR	SW	NW	34	17N	67E	Mt. Diablo	23.7
5691	CER	STR	NW	SW	34	17N	67E	Mt. Diablo	13.6
5923	CER	STR	NE	NE	31	18N	68E	Mt. Diablo	2.4
5923	CER	STR	NW	NE	31	18N	68E	Mt. Diablo	7.4
5923	CER	STR	SE	NE	31	18N	68E	Mt. Diablo	13.15
5923	CER	STR	SW	NE	31	18N	68E	Mt. Diablo	30.45
5923	CER	STR	NE	SE	31	18N	68E	Mt. Diablo	11.2
5923	CER	STR	NW	SE	31	18N	68E	Mt. Diablo	20.56
6360	PER	SPR	SW	SW	5	20N	69E	Mt. Diablo	40
6360	PER	SPR	NW	SW	5	20N	69E	Mt. Diablo	40
6360	PER	SPR	SW	NW	5	20N	69E	Mt. Diablo	40
6360	PER	SPR		Lot 4	5	20N	69E	Mt. Diablo	40
6754	CER	SPR	SE	NE	30	17N	67E	Mt. Diablo	37.2

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
6754	CER	SPR	NE	SE	30	17N	67E	Mt. Diablo	16.6
6834	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	35.8
6834	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	21.6
6834	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	13.4
6834	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	26.5
8393	CER	STR	NW	NW	2	16N	67E	Mt. Diablo	28.93
8393	CER	STR	SW	NW	2	16N	67E	Mt. Diablo	10.1
8393	CER	STR	NE	NE	3	16N	67E	Mt. Diablo	34.6
8393	CER	STR	SE	NE	3	16N	67E	Mt. Diablo	39.37
8393	CER	STR	SW	SW	35	17N	67E	Mt. Diablo	38.2
10487	CER	STR	NW	NW	2	16N	67E	Mt. Diablo	28.9
10487	CER	STR	SW	NW	2	16N	67E	Mt. Diablo	10.1
10487	CER	STR	NE	NE	3	16N	67E	Mt. Diablo	34.6
10487	CER	STR	NW	NE	3	16N	67E	Mt. Diablo	39.5
10487	CER	STR	SE	NE	3	16N	67E	Mt. Diablo	40
10487	CER	STR	SW	NE	3	16N	67E	Mt. Diablo	16.4
10487	CER	STR	NE	SE	34	17N	67E	Mt. Diablo	40
10487	CER	STR	SE	SE	34	17N	67E	Mt. Diablo	40
10487	CER	STR	SW	SW	35	17N	67E	Mt. Diablo	37.8
10703	CER	STR	SW	NE	24	15N	66E	Mt. Diablo	16.62
10703	CER	STR	NE	SE	24	15N	66E	Mt. Diablo	15.17
10703	CER	STR	NW	SE	24	15N	66E	Mt. Diablo	2.8
10703	CER	STR	SE	SE	24	15N	66E	Mt. Diablo	5.68
10703	CER	STR	NW	NE	19	15N	67E	Mt. Diablo	16.3
10703	CER	STR	NW	SW	19	15N	67E	Mt. Diablo	3.72
10703	CER	STR	SW	SW	19	15N	67E	Mt. Diablo	3.9
10710	CER	STR		NE	6	17N	67E	Mt. Diablo	27.16
10710	CER	STR		NW	6	17N	67E	Mt. Diablo	55.14
10710	CER	STR		SE	6	17N	67E	Mt. Diablo	14.62
10710	CER	STR		SW	6	17N	67E	Mt. Diablo	14.66
10710	CER	STR		NE	7	17N	67E	Mt. Diablo	76.77
10710	CER	STR		NW	7	17N	67E	Mt. Diablo	18.2
10710	CER	STR		SE	7	17N	67E	Mt. Diablo	21.04
10710	CER	STR	W2	SE	7	17N	67E	Mt. Diablo	11.93
10710	CER	STR		SW	7	17N	67E	Mt. Diablo	31.29
10710	CER	STR		SW	7	17N	67E	Mt. Diablo	39.19
10766	CER	STR	NW	NE	11	19N	66E	Mt. Diablo	3.71
10766	CER	STR	SE	NE	11	19N	66E	Mt. Diablo	36.77
10766	CER	STR	SW	NE	11	19N	66E	Mt. Diablo	40
10766	CER	STR	N2	SE	11	19N	66E	Mt. Diablo	79.15
10766	CER	STR	S2	SE	11	19N	66E	Mt. Diablo	78.14
10766	CER	STR	SW	NW	12	19N	66E	Mt. Diablo	31.6
10766	CER	STR	NW	SW	12	19N	66E	Mt. Diablo	39.15
10766	CER	STR	SW	SW	12	19N	66E	Mt. Diablo	39.2
10766	CER	STR	NE	NE	14	19N	66E	Mt. Diablo	28.7
10766	CER	STR	NW	NE	14	19N	66E	Mt. Diablo	26.97
10801	CER	STR	NW	SE	21	17N	67E	Mt. Diablo	17.73

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
10801	CER	STR	SW	SE	21	17N	67E	Mt. Diablo	27.21
10801	CER	STR	NW	NE	28	17N	67E	Mt. Diablo	15.53
10801	CER	STR	NE	NW	28	17N	67E	Mt. Diablo	18.72
10843	CER	STR	NE	SW	31	19N	67E	Mt. Diablo	2.08
10843	CER	STR	NW	SW	31	19N	67E	Mt. Diablo	2.56
10843	CER	STR	SE	SW	31	19N	67E	Mt. Diablo	15.83
10843	CER	STR	SW	SW	31	19N	67E	Mt. Diablo	10.67
10921	CER	SPR	NE	NE	23	17N	67E	Mt. Diablo	8.44
10921	CER	SPR	SE	NE	23	17N	67E	Mt. Diablo	40
10921	CER	SPR	NE	SE	23	17N	67E	Mt. Diablo	34.1
10921	CER	SPR	NE	NW	24	17N	67E	Mt. Diablo	39.8
10921	CER	SPR	NW	NW	24	17N	67E	Mt. Diablo	11.9
10921	CER	SPR	SE	NW	24	17N	67E	Mt. Diablo	38.4
10921	CER	SPR	SW	NW	24	17N	67E	Mt. Diablo	40
10921	CER	SPR	NW	SW	24	17N	67E	Mt. Diablo	28.1
10993	CER	SPR	NE	NE	23	17N	67E	Mt. Diablo	8.44
10993	CER	SPR	SE	NE	23	17N	67E	Mt. Diablo	40
10993	CER	SPR	NE	NW	24	17N	67E	Mt. Diablo	39.8
10993	CER	SPR	NW	NW	24	17N	67E	Mt. Diablo	11.9
10993	CER	SPR	SE	NW	24	17N	67E	Mt. Diablo	38.4
10993	CER	SPR	SW	NW	24	17N	67E	Mt. Diablo	40
12571	CER	SPR	SW	NE	21	15N	68E	Mt. Diablo	10.71
12571	CER	SPR	SE	NW	21	15N	68E	Mt. Diablo	5.37
13457	CER	STR	NE	NW	13	18N	66E	Mt. Diablo	0.34
13457	CER	STR	NE	NW	13	18N	66E	Mt. Diablo	22.98
13457	CER	STR	NW	NW	13	18N	66E	Mt. Diablo	23.65
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	4.2
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	0.08
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	31.11
13457	CER	STR	SW	NW	13	18N	66E	Mt. Diablo	15.51
13457	CER	STR	SW	NW	13	18N	66E	Mt. Diablo	17.44
13457	CER	STR	NE	SW	13	18N	66E	Mt. Diablo	15.09
13457	CER	STR	NE	SW	13	18N	66E	Mt. Diablo	9.22
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	0.17
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	10.57
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	3.1
13652	CER	SPR	NW	NW	21	15N	68E	Mt. Diablo	2
15812	CER	STR	NE	SW	22	13N	67E	Mt. Diablo	40
15812	CER	STR	NW	SW	22	13N	67E	Mt. Diablo	40
15812	CER	STR	SW	SW	22	13N	67E	Mt. Diablo	40
15812	CER	STR	SW	SW	22	13N	67E	Mt. Diablo	40
17017	CER	STR	NE	NE	1	13N	67E	Mt. Diablo	2.7
17017	CER	STR	SW	NE	1	13N	67E	Mt. Diablo	6.21
17017	CER	STR	NE	NW	6	13N	68E	Mt. Diablo	7.19
17017	CER	STR	NW	NW	6	13N	68E	Mt. Diablo	13.93
17017	CER	STR	SW	NW	6	13N	68E	Mt. Diablo	1.79
17163	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
17163	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
19435	CER	RES	SE	SE	13	20N	66E	Mt. Diablo	38.2
19435	CER	RES	NE	NE	24	20N	66E	Mt. Diablo	23.3
19435	CER	RES	SE	NE	24	20N	66E	Mt. Diablo	0.9
19435	CER	RES		LT01	19	20N	67E	Mt. Diablo	6.1
19435	CER	RES		LT02	19	20N	67E	Mt. Diablo	0.4
19436	CER	RES	SE	SE	13	20N	66E	Mt. Diablo	38.2
19436	CER	RES	NE	NE	24	20N	66E	Mt. Diablo	23.3
19436	CER	RES	SE	NE	24	20N	66E	Mt. Diablo	0.9
19436	CER	RES		LT01	19	20N	67E	Mt. Diablo	6.1
19436	CER	RES		LT02	19	20N	67E	Mt. Diablo	0.4
20895	CER	STR	SE	SE	25	19N	66E	Mt. Diablo	0.96
20895	CER	STR	SW	SE	25	19N	66E	Mt. Diablo	16.75
20895	CER	STR	NE	NE	36	19N	66E	Mt. Diablo	10.83
20895	CER	STR	NW	NE	36	19N	66E	Mt. Diablo	15.98
20895	CER	STR	SE	NE	36	19N	66E	Mt. Diablo	3.29
20895	CER	STR	NW	NW	31	19N	67E	Mt. Diablo	24.1
20895	CER	STR	SE	NW	31	19N	67E	Mt. Diablo	34.75
20895	CER	STR	SW	NW	31	19N	67E	Mt. Diablo	31.92
21220	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
21220	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
21220	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	20.56
21220	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	33.79
21220	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.84
21220	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
21220	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
21220	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
21220	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	23.1
21687	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
21687	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
21687	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	22.05
21687	CER	STR	NW	NW	18	17N	67E	Mt. Diablo	0.2
21687	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	40
21687	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.94
21687	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
21687	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
21687	CER	STR	NW	SW	18	17N	67E	Mt. Diablo	12.51
21687	CER	STR	SW	SW	18	17N	67E	Mt. Diablo	0.51
21687	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
21687	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	35.9
21687	CER	STR	NW	NE	19	17N	67E	Mt. Diablo	28.19
21687	CER	STR	NE	NW	19	17N	67E	Mt. Diablo	39.8
21687	CER	STR	NW	NW	19	17N	67E	Mt. Diablo	6.73
21687	CER	STR	SE	NW	19	17N	67E	Mt. Diablo	40
21687	CER	STR	SW	NW	19	17N	67E	Mt. Diablo	22.36
21687	CER	STR	NE	SW	19	17N	67E	Mt. Diablo	15.63
21687	CER	STR	NW	SW	19	17N	67E	Mt. Diablo	6.64

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
21688	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
21688	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
21688	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	22.05
21688	CER	STR	NW	NW	18	17N	67E	Mt. Diablo	0.2
21688	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	40
21688	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.94
21688	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
21688	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
21688	CER	STR	NW	SW	18	17N	67E	Mt. Diablo	12.51
21688	CER	STR	SW	SW	18	17N	67E	Mt. Diablo	0.51
21688	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
21688	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	35.9
21688	CER	STR	NW	NE	19	17N	67E	Mt. Diablo	28.19
21688	CER	STR	NE	NW	19	17N	67E	Mt. Diablo	39.8
21688	CER	STR	NW	NW	19	17N	67E	Mt. Diablo	6.73
21688	CER	STR	SE	NW	19	17N	67E	Mt. Diablo	40
21688	CER	STR	SW	NW	19	17N	67E	Mt. Diablo	22.36
21688	CER	STR	NE	SW	19	17N	67E	Mt. Diablo	15.63
21688	CER	STR	NW	SW	19	17N	67E	Mt. Diablo	6.64
22545	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	40
22545	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	40
22545	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40
22545	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
25678	CER	STR	SE	SE	13	12N	67E	Mt. Diablo	39
25678	CER	STR	NE	NE	24	12N	67E	Mt. Diablo	37.05
25678	CER	STR	SE	NE	24	12N	67E	Mt. Diablo	21.09
25678	CER	STR	SW	NE	24	12N	67E	Mt. Diablo	14.25
25678	CER	STR	NE	SE	24	12N	67E	Mt. Diablo	18.81
25678	CER	STR	NW	SE	24	12N	67E	Mt. Diablo	27.36
27739	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	17.36
27739	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27739	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27739	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27739	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27739	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27740	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27740	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27740	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27740	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27740	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27741	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27741	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27741	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27741	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27741	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27742	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27742	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
27742	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27742	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27742	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	35	12N	67E	Mt. Diablo	21.07
27743	CER	STR	SW	NE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	35	12N	67E	Mt. Diablo	34.71
27743	CER	STR	NW	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	35	12N	67E	Mt. Diablo	33.05
27743	CER	STR	SW	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	NW	NW	36	12N	67E	Mt. Diablo	18.18
27743	CER	STR	NE	NW	36	12N	67E	Mt. Diablo	1.65
27743	CER	STR	SW	NW	36	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	36	12N	67E	Mt. Diablo	14.5
27743	CER	STR	NW	SW	36	12N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	36	12N	67E	Mt. Diablo	8.25
27743	CER	STR	SW	SW	36	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	36	12N	67E	Mt. Diablo	21.07
27743	CER	STR	NW	NW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NE	1	11N	67E	Mt. Diablo	14.88
27743	CER	STR	SW	NW	1	11N	67E	Mt. Diablo	36
27743	CER	STR	SE	NW	1	11N	67E	Mt. Diablo	39
27743	CER	STR	SW	NE	1	11N	67E	Mt. Diablo	14.9
27743	CER	STR	NW	SW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	1	11N	67E	Mt. Diablo	38.3
27743	CER	STR	NW	SE	1	11N	67E	Mt. Diablo	1.67
27743	CER	STR	SW	SW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	1	11N	67E	Mt. Diablo	25.62
27743	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	1
27743	CER	STR	NE	NW	2	11N	67E	Mt. Diablo	38.6
27743	CER	STR	NW	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	3	11N	67E	Mt. Diablo	38.4

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
27743	CER	STR	NE	NE	10	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	10	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NW	12	11N	67E	Mt. Diablo	39.25
27743	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	17.36
27743	CER	STR	SW	NW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	34.3
27743	CER	STR	SE	NE	12	11N	67E	Mt. Diablo	2.45
27743	CER	STR	NW	SW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	12	11N	67E	Mt. Diablo	39.85
27743	CER	STR	NE	SE	12	11N	67E	Mt. Diablo	14.04
27743	CER	STR	SW	SW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	12	11N	67E	Mt. Diablo	39
27743	CER	STR	SW	SE	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	12	11N	67E	Mt. Diablo	20.66
27743	CER	STR	NE	NE	13	11N	67E	Mt. Diablo	39.6
27743	CER	STR	SE	NW	13	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	13	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	13	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	13	11N	67E	Mt. Diablo	32.64
27743	CER	STR	NE	SW	13	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	13	11N	67E	Mt. Diablo	39.75
27743	CER	STR	NE	SE	13	11N	67E	Mt. Diablo	26.13
27743	CER	STR	SW	SE	13	11N	67E	Mt. Diablo	9.5
27743	CER	STR	NW	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	18	11N	68E	Mt. Diablo	39.4
27743	CER	STR	NW	SW	18	11N	68E	Mt. Diablo	12.4
27901	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	17.36

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
27901	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27901	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27901	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27901	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27901	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27902	CER	SPR	SE	NW	5	11N	68E	Mt. Diablo	2.18
27902	CER	SPR	SW	NW	5	11N	68E	Mt. Diablo	2.7
27902	CER	SPR	NE	SW	5	11N	68E	Mt. Diablo	5.8
27902	CER	SPR	SE	NE	6	11N	68E	Mt. Diablo	3.75
27902	CER	SPR	SW	NE	6	11N	68E	Mt. Diablo	2.07
28790	CER	SPR	NE	NE	35	13N	67E	Mt. Diablo	17.36
28790	CER	SPR	NW	NE	35	13N	67E	Mt. Diablo	33.9
28790	CER	SPR	NE	NW	35	13N	67E	Mt. Diablo	36.8
28790	CER	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
28790	CER	SPR	SE	NW	35	13N	67E	Mt. Diablo	37.75
28790	CER	SPR	SW	NW	35	13N	67E	Mt. Diablo	40
28818	CER	STR	NE	SE	25	18N	66E	Mt. Diablo	33.17
28818	CER	STR	NW	SE	25	18N	66E	Mt. Diablo	5.22
28818	CER	STR	SE	SE	25	18N	66E	Mt. Diablo	0.3
28818	CER	STR	SW	NW	30	18N	67E	Mt. Diablo	4.96
28818	CER	STR	NW	SW	30	18N	67E	Mt. Diablo	17.12
29162	CER	STR	SE	SW	17	13N	67E	Mt. Diablo	16.69
29162	CER	STR	SW	SW	17	13N	67E	Mt. Diablo	22.73
29162	CER	STR	NE	SE	16	13N	67E	Mt. Diablo	39.83
29162	CER	STR	NW	SE	16	13N	67E	Mt. Diablo	12.4
29162	CER	STR	SE	SE	16	13N	67E	Mt. Diablo	6.28
29162	CER	STR	SW	SE	16	13N	67E	Mt. Diablo	1.24
29162	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
34704	PER	STR	SE	SE	13	12N	67E	Mt. Diablo	40
34704	PER	STR	NE	NE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	SE	NE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	SW	NE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	NE	SE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	NW	SE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	SW	SE	24	12N	67E	Mt. Diablo	40
34704	PER	STR	SW	SW	24	12N	67E	Mt. Diablo	40
34704	PER	STR	SE	SW	24	12N	67E	Mt. Diablo	40
34704	PER	STR	NW	NW	25	12N	67E	Mt. Diablo	40
34704	PER	STR	NE	NE	26	12N	67E	Mt. Diablo	40
50772	CER	STR	NW	SW	15	13N	67E	Mt. Diablo	37.17
50772	CER	STR	SE	SW	15	13N	67E	Mt. Diablo	16.69
50772	CER	STR	SW	SW	15	13N	67E	Mt. Diablo	34.6
50772	CER	STR	NE	SE	16	13N	67E	Mt. Diablo	39.83
50772	CER	STR	NW	SE	16	13N	67E	Mt. Diablo	12.4

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
50772	CER	STR	SE	SE	16	13N	67E	Mt. Diablo	36.17
50772	CER	STR	SW	SE	16	13N	67E	Mt. Diablo	11.33
55363	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40
55363	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55363	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
55364	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55364	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
55365	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55365	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
66734	CER	SPR	NW	SE	17	15N	68E	Mt. Diablo	2.42
66734	CER	SPR	SW	SE	17	15N	68E	Mt. Diablo	0.4
V00714	VST	STR		NW	35	13N	67E	Mt. Diablo	20.00

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V00767	VST	STR	NW	NE	34	18N	68E	Mt. Diablo	30.00
V00789	VST	STR	NE	NW	1	18N	66E	Mt. Diablo	40.00
V00789	VST	STR	SE	NW	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NW	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	SW	NW	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NE	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	SW	NE	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	NE	NE	2	18N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NE	2	18N	66E	Mt. Diablo	40
V00789	VST	STR	SE	SE	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	SW	SE	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	NW	SE	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	NE	SW	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	SW	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	NE	SW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	SW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	NE	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	SW	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	NE	SW	25	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	SW	25	19N	66E	Mt. Diablo	40
V00789	VST	STR	NW	SW	25	19N	66E	Mt. Diablo	40
V00789	VST	STR	SW	SW	25	19N	66E	Mt. Diablo	40
V00789	VST	STR	NE	SE	26	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	SE	26	19N	66E	Mt. Diablo	40
V00790	VST	STR	NE	SE	12	16N	66E	Mt. Diablo	7.4 (por.)
V00790	VST	STR	SE	SE	12	16N	66E	Mt. Diablo	7.4 (por.)
V00790	VST	STR	E2	NE	13	16N	66E	Mt. Diablo	26.6 (por.)
V00790	VST	STR	NW	SE	13	16N	66E	Mt. Diablo	26.6 (por.)
V00790	VST	STR	SW	SE	13	16N	66E	Mt. Diablo	15 (por.)
V00790	VST	STR	SE	SW	13	16N	66E	Mt. Diablo	15 (por.)
V00790	VST	STR	W2	E2	5	16N	67E	Mt. Diablo	440 (por.)
V00790	VST	STR		W2	5	16N	67E	Mt. Diablo	440 (por.)
V00790	VST	STR		E2	6	16N	67E	Mt. Diablo	416.2 (por.)
V00790	VST	STR	E2	NW	6	16N	67E	Mt. Diablo	416.2 (por.)
V00790	VST	STR	E2	SW	6	16N	67E	Mt. Diablo	416.2 (por.)
V00790	VST	STR		E2	7	16N	67E	Mt. Diablo	480 (por.)
V00790	VST	STR	W2	NW	7	16N	67E	Mt. Diablo	135.7 (por.)
V00790	VST	STR	W2	SW	7	16N	67E	Mt. Diablo	135.7 (por.)
V00790	VST	STR	E2	W2	7	16N	67E	Mt. Diablo	480 (por.)
V00790	VST	STR	W2	E2	8	16N	67E	Mt. Diablo	480 (por.)
V00790	VST	STR		W2	8	16N	67E	Mt. Diablo	480 (por.)
V00790	VST	STR	W2	NE	17	16N	67E	Mt. Diablo	90 (por.)
V00790	VST	STR	NW	SE	17	16N	67E	Mt. Diablo	90 (por.)
V00790	VST	STR		W2	17	16N	67E	Mt. Diablo	320
V00790	VST	STR		NE	18	16N	67E	Mt. Diablo	240 (por.)

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V00790	VST	STR	E2	NW	18	16N	67E	Mt. Diablo	240 (por.)
V00790	VST	STR	W2	NW	18	16N	67E	Mt. Diablo	60
V00790	VST	STR	W2	NW	18	16N	67E	Mt. Diablo	5
V00790	VST	STR		SE	18	16N	67E	Mt. Diablo	246.7 (por.)
V00790	VST	STR		SW	18	16N	67E	Mt. Diablo	246.7 (por.)
V00790	VST	STR	N2	NE	19	16N	67E	Mt. Diablo	96.2 (por.)
V00790	VST	STR	SE	NE	19	16N	67E	Mt. Diablo	63.6 (por.)
V00790	VST	STR	SW	NE	19	16N	67E	Mt. Diablo	63.6 (por.)
V00790	VST	STR	NE	NW	19	16N	67E	Mt. Diablo	96.2 (por.)
V00790	VST	STR	NE	SE	19	16N	67E	Mt. Diablo	68.5 (por.)
V00790	VST	STR	SE	SE	19	16N	67E	Mt. Diablo	68.5 (por.)
V00790	VST	STR	E2	W2	20	16N	67E	Mt. Diablo	260 (por.)
V00790	VST	STR	W2	W2	20	16N	67E	Mt. Diablo	260 (por.)
V00790	VST	STR		NW	29	16N	67E	Mt. Diablo	143.6
V00790	VST	STR	E2	NE	30	16N	67E	Mt. Diablo	21.4
V00791	VST	STR			6	17N	67E	Mt. Diablo	640
V00791	VST	STR			7	17N	67E	Mt. Diablo	640
V00791	VST	STR			31	18N	67E	Mt. Diablo	640
V01026	VST	STR	W2	SW	12	12N	67E	Mt. Diablo	45
V01080	VST	STR		NW	16	16N	68E	Mt. Diablo	8.5
V01080				N2	17	16N	68E	Mt. Diablo	58.13
V01213	VST	STR	S2	SW	12	18N	66E	Mt. Diablo	320 (por.)
V01213	VST	STR		W2	13	18N	66E	Mt. Diablo	320 (por.)
V01214	VST	STR	E2	SE	24	18N	66E	Mt. Diablo	500 (por.)
V01214	VST	STR	E2	NE	25	18N	66E	Mt. Diablo	500 (por.)
V01214	VST	STR	N2	NE	25	18N	66E	Mt. Diablo	500 (por.)
V01214	VST	STR		SE	25	18N	66E	Mt. Diablo	500 (por.)
V01214	VST	STR	W2	W2	30	18N	67E	Mt. Diablo	500 (por.)
V01214	VST	STR	NE	NE	36	18N	66E	Mt. Diablo	500 (por.)
V01215	VST	STR	E2	E2	12	17N	66E	Mt. Diablo	160
V01215	VST	STR	W2	E2	6	17N	67E	Mt. Diablo	160
V01215	VST	STR		W2	6	17N	67E	Mt. Diablo	320
V01215	VST	STR	W2	E2	7	17N	67E	Mt. Diablo	160
V01215	VST	STR		W2	7	17N	67E	Mt. Diablo	320
V01215	VST	STR	W2	E2	31	18N	67E	Mt. Diablo	160
V01215	VST	STR		W2	31	18N	67E	Mt. Diablo	320
V01216	VST	STR			24	15N	66E	Mt. Diablo	por.
V01217	VST	STR			7	16N	67E	Mt. Diablo	640.00
V01217	VST	STR			8	16N	67E	Mt. Diablo	480.00
V01217	VST	STR			17	16N	67E	Mt. Diablo	480.00
V01217	VST	STR			18	16N	67E	Mt. Diablo	640.00
V01217	VST	STR			19	16N	67E	Mt. Diablo	por.
V01217	VST	STR			20	16N	67E	Mt. Diablo	por.
V01217	VST	STR			13	16N	66E	Mt. Diablo	por.
V01218	VST	STR	W2	E2	5	16N	67E	Mt. Diablo	160
V01218	VST	STR		W2	5	16N	67E	Mt. Diablo	320
V01218	VST	STR		E2	6	16N	67E	Mt. Diablo	320

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V01218	VST	STR	E2	W2	6	16N	67E	Mt. Diablo	160
V01219	VST	STR	NE	SW	35	19N	66E	Mt. Diablo	7.85
V01219	VST	STR	SE	SW	35	19N	66E	Mt. Diablo	7.88
V01219	VST	STR	NW	SE	35	19N	66E	Mt. Diablo	18.9
V01219	VST	STR	SW	SE	35	19N	66E	Mt. Diablo	21.44
V01219	VST	STR	SW	NW	36	19N	66E	Mt. Diablo	0.75
V01219	VST	STR	NW	SW	36	19N	66E	Mt. Diablo	33.82
V01219	VST	STR	SW	SW	36	19N	66E	Mt. Diablo	21.7
V01219	VST	STR	SW	SE	36	19N	66E	Mt. Diablo	1.25
V01219	VST	STR	SE	SW	36	19N	66E	Mt. Diablo	2.1
V01219	VST	STR	NW	NE	1	18N	66E	Mt. Diablo	31.55
V01219	VST	STR	NE	NW	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	NW	NW	1	18N	66E	Mt. Diablo	36
V01219	VST	STR	SW	NW	1	18N	66E	Mt. Diablo	35.51
V01219	VST	STR	SE	NW	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	SW	NE	1	18N	66E	Mt. Diablo	27.5
V01219	VST	STR	NW	SE	1	18N	66E	Mt. Diablo	28
V01219	VST	STR	NE	SW	1	18N	66E	Mt. Diablo	20.7
V01219	VST	STR	NW	SW	1	18N	66E	Mt. Diablo	20.7
V01219	VST	STR	SW	SW	1	18N	66E	Mt. Diablo	11.01
V01219	VST	STR	NW	NE	2	18N	66E	Mt. Diablo	28.28
V01219	VST	STR	NE	NW	2	18N	66E	Mt. Diablo	4.24
V01219	VST	STR	NE	NE	2	18N	66E	Mt. Diablo	22.06
V01219	VST	STR	SW	NE	2	18N	66E	Mt. Diablo	0.02
V01219	VST	STR	SE	NE	2	18N	66E	Mt. Diablo	7.75
V01648	VST	STR		NE	31	18N	68E	Mt. Diablo	6
V01648	VST	STR			28	18N	68E	Mt. Diablo	20
V01686	VST	STR		LT01	1	21N	65E	Mt. Diablo	13.9
V01686	VST	STR		LT02	1	21N	65E	Mt. Diablo	6.4
V01686	VST	STR		LT03	6	21N	66E	Mt. Diablo	7.8
V01686	VST	STR		LT04	6	21N	66E	Mt. Diablo	16.8
V01764	VST	STR	NW	SE	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	NE	SW	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	SE	SW	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	SW	SE	30	17N	67E	Mt. Diablo	10 (por.)
V01969	VST	STR	NW	NE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	NW	SE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	SW	SE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	NE	NE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	SE	NE	22	20N	66E	Mt. Diablo	40
V02286	VST	STR		LT02	16	20N	66E	Mt. Diablo	1.6
V02286	VST	STR	SW	NE	16	20N	66E	Mt. Diablo	8.06
V02286	VST	STR	SE	NW	16	20N	66E	Mt. Diablo	10 (por.)
V02286	VST	STR	SW	NW	16	20N	66E	Mt. Diablo	10 (por.)
V02305	DEC	STR	NE	SE	11	19N	66E	Mt. Diablo	27.8
V02305	DEC	STR	SE	SE	11	19N	66E	Mt. Diablo	36.6
V02305	DEC	STR	SW	SE	11	19N	66E	Mt. Diablo	19.3

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02305	DEC	STR	SW	SW	12	19N	66E	Mt. Diablo	13.8
V02305	DEC	STR	NE	NE	14	19N	66E	Mt. Diablo	23.4
V02305	DEC	STR	NW	NE	14	19N	66E	Mt. Diablo	25.3
V02332	DEC	STR	NW	SE	22	20N	66E	Mt. Diablo	0.7
V02332	DEC	STR	SE	SE	22	20N	66E	Mt. Diablo	28.26
V02332	DEC	STR	SW	SE	22	20N	66E	Mt. Diablo	39.28
V02332	DEC	STR	SE	SW	22	20N	66E	Mt. Diablo	6.13
V02332	DEC	STR	NW	NE	27	20N	66E	Mt. Diablo	10.1
V02332	DEC	STR	NE	NW	27	20N	66E	Mt. Diablo	1.79
V02804	DEC	STR	SE	NE	24	18N	66E	Mt. Diablo	14.92
V02804	DEC	STR	SW	NE	24	18N	66E	Mt. Diablo	39.03
V02804	DEC	STR	SE	NW	24	18N	66E	Mt. Diablo	38.11
V02804	DEC	STR	SW	NW	24	18N	66E	Mt. Diablo	10.79
V02804	DEC	STR	NW	SE	24	18N	66E	Mt. Diablo	40
V02804	DEC	STR	SW	SE	24	18N	66E	Mt. Diablo	12.7
V02804	DEC	STR	NE	SW	24	18N	66E	Mt. Diablo	40
V02804	DEC	STR	NW	SW	24	18N	66E	Mt. Diablo	16.53
V02804	DEC	STR	SE	SW	24	18N	66E	Mt. Diablo	36.73
V02804	DEC	STR	SW	SW	24	18N	66E	Mt. Diablo	12.73
V02804	DEC	STR	NE	NW	25	18N	66E	Mt. Diablo	20
V02805	DEC	STR	NE	NW	25	19N	66E	Mt. Diablo	38.06
V02805	DEC	STR	NW	NW	25	19N	66E	Mt. Diablo	31.03
V02805	DEC	STR	SE	NW	25	19N	66E	Mt. Diablo	29.42
V02805	DEC	STR	SW	NW	25	19N	66E	Mt. Diablo	40
V02805	DEC	STR	NE	SE	25	19N	66E	Mt. Diablo	15.14
V02805	DEC	STR	NW	SE	25	19N	66E	Mt. Diablo	35.41
V02805	DEC	STR	SE	SE	25	19N	66E	Mt. Diablo	31.44
V02805	DEC	STR	SW	SE	25	19N	66E	Mt. Diablo	31.43
V02805	DEC	STR	NE	NE	26	19N	66E	Mt. Diablo	8.94
V02805	DEC	STR	SE	NE	26	19N	66E	Mt. Diablo	5.79
V02817	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02817	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02817	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02817	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02817	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02817	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02817	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02817	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02817	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02817	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02817	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02817	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02818	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02818	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02818	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02818	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02818	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02818	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02818	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02818	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02818	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02818	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02818	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02818	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02819	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02819	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02819	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02819	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02819	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02819	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02819	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02819	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02819	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02819	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02819	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02819	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02820	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02820	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02820	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02820	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02820	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02820	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02820	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02820	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02820	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02820	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02820	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02820	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02821	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02821	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02821	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02821	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02821	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02821	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02821	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02821	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02821	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02821	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02821	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02821	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02822	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02822	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02822	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02822	VST	SPR		E2	7	16N	67E	Mt. Diablo	320

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02822	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02822	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02822	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02822	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02822	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02822	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02822	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02822	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02823	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02823	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02823	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02823	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02823	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02823	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02823	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02823	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02823	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02823	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02823	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02823	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02824	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02824	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02824	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02824	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02824	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02824	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02824	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02824	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02824	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02824	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02824	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02824	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02825	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02825	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02825	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02825	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02825	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02825	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02825	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02825	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02825	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02825	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02825	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02825	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02826	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02826	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02826	VST	SPR		E2	6	16N	67E	Mt. Diablo	320

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02826	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02826	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02826	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02826	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02826	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02826	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02826	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02826	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02826	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02827	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02827	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02827	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02827	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02827	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02827	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02827	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02827	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02827	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02827	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02827	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02827	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02828	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02828	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02828	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02828	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02828	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02828	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02828	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02828	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02828	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02828	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02828	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02828	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02851	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	9.7
V02851	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02851	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02851	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02851	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02852	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02852	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02852	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02852	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02852	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02853	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	6.6
V02853	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02853	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02853	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02853	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02853	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02854	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	18.1
V02854	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02854	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02854	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02854	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02854	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02854	VST	SPR	NW	NW	36	13N	67E	Mt. Diablo	3.2
V02855	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	18.1
V02855	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02855	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02855	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02855	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02855	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02860	VST	SPR	NW	SE	11	12N	67E	Mt. Diablo	15.12
V02860	VST	SPR	NE	SE	11	12N	67E	Mt. Diablo	18.75
V02860	VST	SPR	SW	SE	11	12N	67E	Mt. Diablo	12.64
V02860	VST	SPR	SE	SE	11	12N	67E	Mt. Diablo	37.83
V02860	VST	SPR	SW	SW	12	12N	67E	Mt. Diablo	13.55
V02860	VST	SPR	SE	SW	12	12N	67E	Mt. Diablo	10.91
V02860	VST	SPR	NW	NW	13	12N	67E	Mt. Diablo	28.41
V02860	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	6.36
V02860	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	34.61
V02860	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	32.3
V02860	VST	SPR	SW	SW	13	12N	67E	Mt. Diablo	19.09
V02860	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	4.83
V02860	VST	SPR	NW	NE	14	12N	67E	Mt. Diablo	5.86
V02860	VST	SPR	NE	NE	14	12N	67E	Mt. Diablo	40
V02860	VST	SPR	SW	NE	14	12N	67E	Mt. Diablo	0.99
V02860	VST	SPR	SE	NE	14	12N	67E	Mt. Diablo	38.74
V02860	VST	SPR	NE	SE	14	12N	67E	Mt. Diablo	14.21
V02860	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	23.87
V02860	VST	SPR	NW	NE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	NE	13	12N	67E	Mt. Diablo	13.63
V02860	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	5.39
V02860	VST	SPR	SE	NW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	SW	NE	13	12N	67E	Mt. Diablo	37.93
V02860	VST	SPR	SE	NE	13	12N	67E	Mt. Diablo	12.39
V02860	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	3.39
V02860	VST	SPR	NE	SW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	SE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	SE	13	12N	67E	Mt. Diablo	2.07
V02860	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	16.02
V02860	VST	SPR	SW	SE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	NW	24	12N	67E	Mt. Diablo	38.74
V02860	VST	SPR	NE	NW	24	12N	67E	Mt. Diablo	1.82
V02860	VST	SPR	SW	NW	24	12N	67E	Mt. Diablo	36.76
V02860	VST	SPR	NW	SW	24	12N	67E	Mt. Diablo	9.83
V02861	VST	SPR	NW	SE	11	12N	67E	Mt. Diablo	15.12
V02861	VST	SPR	NE	SE	11	12N	67E	Mt. Diablo	18.75
V02861	VST	SPR	SW	SE	11	12N	67E	Mt. Diablo	12.64
V02861	VST	SPR	SE	SE	11	12N	67E	Mt. Diablo	37.83
V02861	VST	SPR	SW	SW	12	12N	67E	Mt. Diablo	13.55

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02861	VST	SPR	SE	SW	12	12N	67E	Mt. Diablo	10.91
V02861	VST	SPR	NW	NW	13	12N	67E	Mt. Diablo	28.41
V02861	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	6.36
V02861	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	34.61
V02861	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	32.3
V02861	VST	SPR	SW	SW	13	12N	67E	Mt. Diablo	19.09
V02861	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	4.83
V02861	VST	SPR	NW	NE	14	12N	67E	Mt. Diablo	5.86
V02861	VST	SPR	NE	NE	14	12N	67E	Mt. Diablo	40
V02861	VST	SPR	SW	NE	14	12N	67E	Mt. Diablo	0.99
V02861	VST	SPR	SE	NE	14	12N	67E	Mt. Diablo	38.74
V02861	VST	SPR	NE	SE	14	12N	67E	Mt. Diablo	14.21
V02861	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	23.87
V02861	VST	SPR	NW	NE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NE	NE	13	12N	67E	Mt. Diablo	13.63
V02861	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	5.39
V02861	VST	SPR	SE	NW	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	SW	NE	13	12N	67E	Mt. Diablo	37.93
V02861	VST	SPR	SE	NE	13	12N	67E	Mt. Diablo	12.39
V02861	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	3.39
V02861	VST	SPR	NE	SW	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NW	SE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NE	SE	13	12N	67E	Mt. Diablo	2.07
V02861	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	16.02
V02861	VST	SPR	SW	SE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NW	NW	24	12N	67E	Mt. Diablo	38.74
V02861	VST	SPR	NE	NW	24	12N	67E	Mt. Diablo	1.82
V02861	VST	SPR	SW	NW	24	12N	67E	Mt. Diablo	36.76
V02861	VST	SPR	NW	SW	24	12N	67E	Mt. Diablo	9.83
V09665	VST	SPR	SE	NE	7	17N	67E	Mt. Diablo	0.16
V09665	VST	SPR	NE	SE	7	17N	67E	Mt. Diablo	20.95
V09665	VST	SPR	SE	SE	7	17N	67E	Mt. Diablo	21.24
V09665	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	20.54
V09665	VST	SPR	NW	NE	18	17N	67E	Mt. Diablo	26.31
V09665	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
V09665	VST	SPR	SW	NE	18	17N	67E	Mt. Diablo	39.47
V09666	VST	SPR	NW	NW	18	17N	67E	Mt. Diablo	1.37
V09666	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	3.11
V09666	VST	SPR	SW	NW	18	17N	67E	Mt. Diablo	15.90
V09666	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
V09666	VST	SPR	NW	SW	18	17N	67E	Mt. Diablo	7.84
V09666	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	17.43
V09667	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
V09667	VST	SPR	SW	NE	18	17N	67E	Mt. Diablo	39.47
V09667	VST	SPR	NE	SW	18	17N	67E	Mt. Diablo	40.17
V09667	VST	SPR	NW	SE	18	17N	67E	Mt. Diablo	38.58
V09668	VST	SPR	NW	SW	18	17N	67E	Mt. Diablo	7.84
V09668	VST	SPR	NE	SW	18	17N	67E	Mt. Diablo	40.17
V09668	VST	SPR	NW	SE	18	17N	67E	Mt. Diablo	38.58
V09668	VST	SPR	SW	SW	18	17N	67E	Mt. Diablo	5.23
V09668	VST	SPR	SE	SW	18	17N	67E	Mt. Diablo	41.91
V09668	VST	SPR	SW	SE	18	17N	67E	Mt. Diablo	31.57
V09668	VST	SPR	SE	SE	18	17N	67E	Mt. Diablo	16.91
V09669	VST	SPR	NE	NW	19	17N	67E	Mt. Diablo	37.53
V09669	VST	SPR	NW	NE	19	17N	67E	Mt. Diablo	22.24

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Surface Water Rights (Un-Sorted)

Place of Use									
App	Status	Source	QQ	Q	Sec	Twn	Rng	Meridian	Acres
V09669	VST	SPR	NE	NE	19	17N	67E	Mt. Diablo	32.26
V09669	VST	SPR	SE	NW	19	17N	67E	Mt. Diablo	38.24
V09669	VST	SPR	SE	NE	19	17N	67E	Mt. Diablo	36.18
V09670	VST	SPR	SW	NW	19	17N	67E	Mt. Diablo	21.98
V09670	VST	SPR	SE	NW	19	17N	67E	Mt. Diablo	38.24
V09670	VST	SPR	NW	SW	19	17N	67E	Mt. Diablo	21.20
V09670	VST	SPR	NE	SW	19	17N	67E	Mt. Diablo	38.21
V09670	VST	SPR	NW	NW	19	17N	67E	Mt. Diablo	13.01
V09670	VST	SPR	NE	NW	19	17N	67E	Mt. Diablo	37.53
V09671	VST	SPR	SE	SW	19	17N	67E	Mt. Diablo	38.36
V09671	VST	SPR	NE	SE	19	17N	67E	Mt. Diablo	38.28
V09671	VST	SPR	SW	SW	30	17N	67E	Mt. Diablo	19.13
V09671	VST	SPR	NW	NW	30	17N	67E	Mt. Diablo	4.90
V09671	VST	SPR	NE	NW	30	17N	67E	Mt. Diablo	34.06
V09672	VST	SPR	NE	NE	19	17N	67E	Mt. Diablo	32.26
V09672	VST	SPR	SE	NE	19	17N	67E	Mt. Diablo	36.18
V09672	VST	SPR	NE	SE	19	17N	67E	Mt. Diablo	38.28

## **Appendix 55**

### **Spring Valley: Places of Use of Permitted, Certified, Vested Claim and Decreed Groundwater and Surface Water Irrigation**

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
2261	CER	STR			23	16N	65E	Mt. Diablo	1
V01686	VST	STR		LT01	1	21N	65E	Mt. Diablo	13.9
V01686	VST	STR		LT02	1	21N	65E	Mt. Diablo	6.4
V01216	VST	STR			24	15N	66E	Mt. Diablo	por.
10703	CER	STR	SW	NE	24	15N	66E	Mt. Diablo	16.62
10703	CER	STR	NE	SE	24	15N	66E	Mt. Diablo	15.17
10703	CER	STR	NW	SE	24	15N	66E	Mt. Diablo	2.8
10703	CER	STR	SE	SE	24	15N	66E	Mt. Diablo	5.68
V00790	VST	STR	NE	SE	12	16N	66E	Mt. Diablo	7.4 (por.)
V00790	VST	STR	SE	SE	12	16N	66E	Mt. Diablo	7.4 (por.)
V00790	VST	STR	E2	NE	13	16N	66E	Mt. Diablo	26.6 (por.)
V01217	VST	STR			13	16N	66E	Mt. Diablo	por.
54204	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	13	16N	66E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	13	16N	66E	Mt. Diablo	40.00
V00790	VST	STR	NW	SE	13	16N	66E	Mt. Diablo	26.6 (por.)
V00790	VST	STR	SW	SE	13	16N	66E	Mt. Diablo	15 (por.)
V00790	VST	STR	SE	SW	13	16N	66E	Mt. Diablo	15 (por.)
V01215	VST	STR	E2	E2	12	17N	66E	Mt. Diablo	160
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	1
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	1.7
3383	CER	STR	NW	SE	14	17N	66E	Mt. Diablo	15.36
3383	CER	STR	NE	SW	14	17N	66E	Mt. Diablo	1.9
V00789	VST	STR	NW	NE	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	NW	NE	1	18N	66E	Mt. Diablo	31.55
V00789	VST	STR	SW	NE	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	SW	NE	1	18N	66E	Mt. Diablo	27.5
V00789	VST	STR	NE	NW	1	18N	66E	Mt. Diablo	40.00
V01219	VST	STR	NE	NW	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NW	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	NW	NW	1	18N	66E	Mt. Diablo	36
V00789	VST	STR	SE	NW	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	SE	NW	1	18N	66E	Mt. Diablo	40
V00789	VST	STR	SW	NW	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	SW	NW	1	18N	66E	Mt. Diablo	35.51
V01219	VST	STR	NW	SE	1	18N	66E	Mt. Diablo	28
55363	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	SE	1	18N	66E	Mt. Diablo	40
V01219	VST	STR	NE	SW	1	18N	66E	Mt. Diablo	20.7
V01219	VST	STR	NW	SW	1	18N	66E	Mt. Diablo	20.7
55363	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	SW	1	18N	66E	Mt. Diablo	40

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V01219	VST	STR	SW	SW	1	18N	66E	Mt. Diablo	11.01
V00789	VST	STR	NE	NE	2	18N	66E	Mt. Diablo	40
V01219	VST	STR	NE	NE	2	18N	66E	Mt. Diablo	22.06
V00789	VST	STR	NW	NE	2	18N	66E	Mt. Diablo	40
V01219	VST	STR	NW	NE	2	18N	66E	Mt. Diablo	28.28
V01219	VST	STR	SE	NE	2	18N	66E	Mt. Diablo	7.75
V01219	VST	STR	SW	NE	2	18N	66E	Mt. Diablo	0.02
V01219	VST	STR	NE	NW	2	18N	66E	Mt. Diablo	4.24
55363	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	NE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NE	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SW	NW	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NE	SE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	NW	SE	12	18N	66E	Mt. Diablo	40
55363	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
55364	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
55365	PER	SPR	SE	SE	12	18N	66E	Mt. Diablo	40
V01213	VST	STR	S2	SW	12	18N	66E	Mt. Diablo	320 (por.)
13457	CER	STR	NE	NW	13	18N	66E	Mt. Diablo	0.34
13457	CER	STR	NE	NW	13	18N	66E	Mt. Diablo	22.98
13457	CER	STR	NW	NW	13	18N	66E	Mt. Diablo	23.65
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	4.2
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	0.08
13457	CER	STR	SE	NW	13	18N	66E	Mt. Diablo	31.11
13457	CER	STR	SW	NW	13	18N	66E	Mt. Diablo	15.51
13457	CER	STR	SW	NW	13	18N	66E	Mt. Diablo	17.44

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
39817	Permit	U/G	NE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SE	SE	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	SW	SE	13	18N	66E	Mt. Diablo	40.00
13457	CER	STR	NE	SW	13	18N	66E	Mt. Diablo	15.09
13457	CER	STR	NE	SW	13	18N	66E	Mt. Diablo	9.22
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	0.17
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	10.57
13457	CER	STR	NW	SW	13	18N	66E	Mt. Diablo	3.1
V01213	VST	STR		W2	13	18N	66E	Mt. Diablo	320 (por.)
39817	Permit	U/G	SE	SW	13	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NE	NE	24	18N	66E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NE	24	18N	66E	Mt. Diablo	40.00
V02804	DEC	STR	SE	NE	24	18N	66E	Mt. Diablo	14.92
V02804	DEC	STR	SW	NE	24	18N	66E	Mt. Diablo	39.03
39817	Permit	U/G	NE	NW	24	18N	66E	Mt. Diablo	40.00
V02804	DEC	STR	SE	NW	24	18N	66E	Mt. Diablo	38.11
V02804	DEC	STR	SW	NW	24	18N	66E	Mt. Diablo	10.79
V01214	VST	STR	E2	SE	24	18N	66E	Mt. Diablo	500 (por.)
39818	Permit	U/G	NE	SE	24	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SE	24	18N	66E	Mt. Diablo	40.00
V02804	DEC	STR	NW	SE	24	18N	66E	Mt. Diablo	40
V02804	DEC	STR	SW	SE	24	18N	66E	Mt. Diablo	12.7
V02804	DEC	STR	NE	SW	24	18N	66E	Mt. Diablo	40
V02804	DEC	STR	NW	SW	24	18N	66E	Mt. Diablo	16.53
V02804	DEC	STR	SE	SW	24	18N	66E	Mt. Diablo	36.73
V02804	DEC	STR	SW	SW	24	18N	66E	Mt. Diablo	12.73
V01214	VST	STR	E2	NE	25	18N	66E	Mt. Diablo	500 (por.)
V01214	VST	STR	N2	NE	25	18N	66E	Mt. Diablo	500 (por.)
39818	Permit	U/G	NE	NE	25	18N	66E	Mt. Diablo	40.00
39818	Permit	U/G	SE	NE	25	18N	66E	Mt. Diablo	40.00
V02804	DEC	STR	NE	NW	25	18N	66E	Mt. Diablo	20
28818	CER	STR	NE	SE	25	18N	66E	Mt. Diablo	33.17
39818	Permit	U/G	NE	SE	25	18N	66E	Mt. Diablo	40.00
28818	CER	STR	NW	SE	25	18N	66E	Mt. Diablo	5.22
28818	CER	STR	SE	SE	25	18N	66E	Mt. Diablo	0.3
V01214	VST	STR		SE	25	18N	66E	Mt. Diablo	500 (por.)
39818	Permit	U/G	SE	SE	25	18N	66E	Mt. Diablo	40.00
V01214	VST	STR	NE	NE	36	18N	66E	Mt. Diablo	500 (por.)
39818	Permit	U/G	NE	NE	36	18N	66E	Mt. Diablo	40.00
4043	CER	STR	NE	NE	11	19N	66E	Mt. Diablo	40
4043	CER	STR	NW	NE	11	19N	66E	Mt. Diablo	40
10766	CER	STR	NW	NE	11	19N	66E	Mt. Diablo	3.71
27378	Cert.	U/G	NW	NE	11	19N	66E	Mt. Diablo	3.49
4043	CER	STR	SE	NE	11	19N	66E	Mt. Diablo	40
10766	CER	STR	SE	NE	11	19N	66E	Mt. Diablo	36.77
27378	Cert.	U/G	SE	NE	11	19N	66E	Mt. Diablo	36.00

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
4043	CER	STR	SW	NE	11	19N	66E	Mt. Diablo	40
10766	CER	STR	SW	NE	11	19N	66E	Mt. Diablo	40
27378	Cert.	U/G	SW	NE	11	19N	66E	Mt. Diablo	39.85
10766	CER	STR	N2	SE	11	19N	66E	Mt. Diablo	79.15
4042	CER	STR	NE	SE	11	19N	66E	Mt. Diablo	40
V02305	DEC	STR	NE	SE	11	19N	66E	Mt. Diablo	27.8
27378	Cert.	U/G	NE	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	NW	SE	11	19N	66E	Mt. Diablo	40.00
10766	CER	STR	S2	SE	11	19N	66E	Mt. Diablo	78.14
4041	CER	STR	SE	SE	11	19N	66E	Mt. Diablo	40
V02305	DEC	STR	SE	SE	11	19N	66E	Mt. Diablo	36.6
4041	CER	STR	SW	SE	11	19N	66E	Mt. Diablo	40
V02305	DEC	STR	SW	SE	11	19N	66E	Mt. Diablo	19.3
27378	Cert.	U/G	SW	SE	11	19N	66E	Mt. Diablo	40.00
27378	Cert.	U/G	SE	SE	11	19N	66E	Mt. Diablo	30.48
27378	Cert.	U/G	NE	SW	11	19N	66E	Mt. Diablo	1.47
27378	Cert.	U/G	SE	SW	11	19N	66E	Mt. Diablo	0.73
4043	CER	STR	NW	NW	12	19N	66E	Mt. Diablo	40
4043	CER	STR	SW	NW	12	19N	66E	Mt. Diablo	40
10766	CER	STR	SW	NW	12	19N	66E	Mt. Diablo	31.6
27378	Cert.	U/G	SW	NW	12	19N	66E	Mt. Diablo	25.34
4042	CER	STR	NW	SW	12	19N	66E	Mt. Diablo	40
10766	CER	STR	NW	SW	12	19N	66E	Mt. Diablo	39.15
27378	Cert.	U/G	NW	SW	12	19N	66E	Mt. Diablo	28.65
4042	CER	STR	SW	SW	12	19N	66E	Mt. Diablo	40
10766	CER	STR	SW	SW	12	19N	66E	Mt. Diablo	39.2
V02305	DEC	STR	SW	SW	12	19N	66E	Mt. Diablo	13.8
27378	Cert.	U/G	SW	SW	12	19N	66E	Mt. Diablo	2.20
10766	CER	STR	NE	NE	14	19N	66E	Mt. Diablo	28.7
V02305	DEC	STR	NE	NE	14	19N	66E	Mt. Diablo	23.4
27378	Cert.	U/G	NE	NE	14	19N	66E	Mt. Diablo	18.37
4041	CER	STR	NW	NE	14	19N	66E	Mt. Diablo	40
10766	CER	STR	NW	NE	14	19N	66E	Mt. Diablo	26.97
V02305	DEC	STR	NW	NE	14	19N	66E	Mt. Diablo	25.3
27378	Cert.	U/G	NW	NE	14	19N	66E	Mt. Diablo	25.71
56049	Permit	U/G	NE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NW	SE	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	SE	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	SW	24	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	NW	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SE	NE	25	19N	66E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NE	25	19N	66E	Mt. Diablo	40.00
V02805	DEC	STR	NE	NW	25	19N	66E	Mt. Diablo	38.06

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02805	DEC	STR	NW	NW	25	19N	66E	Mt. Diablo	31.03
V02805	DEC	STR	SE	NW	25	19N	66E	Mt. Diablo	29.42
V02805	DEC	STR	SW	NW	25	19N	66E	Mt. Diablo	40
V02805	DEC	STR	NE	SE	25	19N	66E	Mt. Diablo	15.14
V02805	DEC	STR	NW	SE	25	19N	66E	Mt. Diablo	35.41
20895	CER	STR	SE	SE	25	19N	66E	Mt. Diablo	0.96
V02805	DEC	STR	SE	SE	25	19N	66E	Mt. Diablo	31.44
20895	CER	STR	SW	SE	25	19N	66E	Mt. Diablo	16.75
V02805	DEC	STR	SW	SE	25	19N	66E	Mt. Diablo	31.43
V00789	VST	STR	NE	SW	25	19N	66E	Mt. Diablo	40
56051	Permit	U/G	NE	SW	25	19N	66E	Mt. Diablo	40.00
V00789	VST	STR	NW	SW	25	19N	66E	Mt. Diablo	40
56051	Permit	U/G	NW	SW	25	19N	66E	Mt. Diablo	40.00
V00789	VST	STR	SE	SW	25	19N	66E	Mt. Diablo	40
56051	Permit	U/G	SE	SW	25	19N	66E	Mt. Diablo	40.00
V00789	VST	STR	SW	SW	25	19N	66E	Mt. Diablo	40
56051	Permit	U/G	SW	SW	25	19N	66E	Mt. Diablo	40.00
V02805	DEC	STR	NE	NE	26	19N	66E	Mt. Diablo	8.94
V02805	DEC	STR	SE	NE	26	19N	66E	Mt. Diablo	5.79
V00789	VST	STR	NE	SE	26	19N	66E	Mt. Diablo	40
56051	Permit	U/G	NE	SE	26	19N	66E	Mt. Diablo	40.00
V00789	VST	STR	SE	SE	26	19N	66E	Mt. Diablo	40
56051	Permit	U/G	SE	SE	26	19N	66E	Mt. Diablo	40.00
V00789	VST	STR	NW	SE	35	19N	66E	Mt. Diablo	40
V01219	VST	STR	NW	SE	35	19N	66E	Mt. Diablo	18.9
V00789	VST	STR	SE	SE	35	19N	66E	Mt. Diablo	40
V00789	VST	STR	SW	SE	35	19N	66E	Mt. Diablo	40
V01219	VST	STR	SW	SE	35	19N	66E	Mt. Diablo	21.44
V00789	VST	STR	NE	SW	35	19N	66E	Mt. Diablo	40
V01219	VST	STR	NE	SW	35	19N	66E	Mt. Diablo	7.85
V00789	VST	STR	SE	SW	35	19N	66E	Mt. Diablo	40
V01219	VST	STR	SE	SW	35	19N	66E	Mt. Diablo	7.88
20895	CER	STR	NE	NE	36	19N	66E	Mt. Diablo	10.83
20895	CER	STR	NW	NE	36	19N	66E	Mt. Diablo	15.98
20895	CER	STR	SE	NE	36	19N	66E	Mt. Diablo	3.29
V00789	VST	STR	NE	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	NW	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	SE	NW	36	19N	66E	Mt. Diablo	40
V00789	VST	STR	SW	NW	36	19N	66E	Mt. Diablo	40
V01219	VST	STR	SW	NW	36	19N	66E	Mt. Diablo	0.75
V01219	VST	STR	SW	SE	36	19N	66E	Mt. Diablo	1.25
V00789	VST	STR	NE	SW	36	19N	66E	Mt. Diablo	40
V01219	VST	STR	NW	SW	36	19N	66E	Mt. Diablo	33.82
V00789	VST	STR	SE	SW	36	19N	66E	Mt. Diablo	40
V01219	VST	STR	SE	SW	36	19N	66E	Mt. Diablo	2.1
V01219	VST	STR	SW	SW	36	19N	66E	Mt. Diablo	21.7

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
1520	CER	STR		NW	3	20N	66E	Mt. Diablo	8
19435	CER	RES	SE	SE	13	20N	66E	Mt. Diablo	38.2
19436	CER	RES	SE	SE	13	20N	66E	Mt. Diablo	38.2
71840	Permit	U/G	SE	SE	13	20N	66E	Mt. Diablo	40.00
V02286	VST	STR		LT02	16	20N	66E	Mt. Diablo	1.6
V02286	VST	STR	SW	NE	16	20N	66E	Mt. Diablo	8.06
V02286	VST	STR	SE	NW	16	20N	66E	Mt. Diablo	10 (por.)
V02286	VST	STR	SW	NW	16	20N	66E	Mt. Diablo	10 (por.)
V01969	VST	STR	NE	NE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	NW	NE	22	20N	66E	Mt. Diablo	40
V01969	VST	STR	SE	NE	22	20N	66E	Mt. Diablo	40
5247	PER	STR		NE	22	20N	66E	Mt. Diablo	200
V01969	VST	STR	NW	SE	22	20N	66E	Mt. Diablo	40
V02332	DEC	STR	NW	SE	22	20N	66E	Mt. Diablo	0.7
V02332	DEC	STR	SE	SE	22	20N	66E	Mt. Diablo	28.26
V01969	VST	STR	SW	SE	22	20N	66E	Mt. Diablo	40
V02332	DEC	STR	SW	SE	22	20N	66E	Mt. Diablo	39.28
V02332	DEC	STR	SE	SW	22	20N	66E	Mt. Diablo	6.13
19435	CER	RES	NE	NE	24	20N	66E	Mt. Diablo	23.3
19436	CER	RES	NE	NE	24	20N	66E	Mt. Diablo	23.3
71840	Permit	U/G	NE	NE	24	20N	66E	Mt. Diablo	40.00
19435	CER	RES	SE	NE	24	20N	66E	Mt. Diablo	0.9
19436	CER	RES	SE	NE	24	20N	66E	Mt. Diablo	0.9
71840	Permit	U/G	SE	NE	24	20N	66E	Mt. Diablo	40.00
71840	Permit	U/G	NE	SE	24	20N	66E	Mt. Diablo	40.00
V02332	DEC	STR	NW	NE	27	20N	66E	Mt. Diablo	10.1
V02332	DEC	STR	NE	NW	27	20N	66E	Mt. Diablo	1.79
3433	CER	STR	SW	NE	4	21N	66E	Mt. Diablo	6.35
3433	CER	STR	SW	NE	4	21N	66E	Mt. Diablo	20.3
3433	CER	STR	NE	NW	4	21N	66E	Mt. Diablo	0.5
3433	CER	STR	NE	NW	4	21N	66E	Mt. Diablo	8.2
3433	CER	STR	SE	NW	4	21N	66E	Mt. Diablo	9.65
3433	CER	STR	SE	NW	4	21N	66E	Mt. Diablo	3.4
3433	CER	STR	NW	SE	4	21N	66E	Mt. Diablo	24.2
V01686	VST	STR		LT03	6	21N	66E	Mt. Diablo	7.8
V01686	VST	STR		LT04	6	21N	66E	Mt. Diablo	16.8
4951	CER	STR	SW	SW	28	21N	66E	Mt. Diablo	8.36
27743	CER	STR	NW	NE	1	11N	67E	Mt. Diablo	14.88
27743	CER	STR	SW	NE	1	11N	67E	Mt. Diablo	14.9
27743	CER	STR	NE	NW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	1	11N	67E	Mt. Diablo	39
27743	CER	STR	SW	NW	1	11N	67E	Mt. Diablo	36
3865	CER	STR	NW	SE	1	11N	67E	Mt. Diablo	35.77
27743	CER	STR	NW	SE	1	11N	67E	Mt. Diablo	1.67
3865	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	28.39

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
3865	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	11.57
27743	CER	STR	SW	SE	1	11N	67E	Mt. Diablo	1
27743	CER	STR	NE	SW	1	11N	67E	Mt. Diablo	38.3
27743	CER	STR	NW	SW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	1	11N	67E	Mt. Diablo	25.62
27743	CER	STR	SW	SW	1	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NW	2	11N	67E	Mt. Diablo	38.6
27743	CER	STR	SE	NW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SE	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SW	2	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	3	11N	67E	Mt. Diablo	38.4
27743	CER	STR	NE	NE	10	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	10	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	SE	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	11	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	11	11N	67E	Mt. Diablo	40
3865	CER	STR	NE	NE	12	11N	67E	Mt. Diablo	0.68
3865	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	39.6
3865	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	0.37
27743	CER	STR	NW	NE	12	11N	67E	Mt. Diablo	17.36
3865	CER	STR	SE	NE	12	11N	67E	Mt. Diablo	11.17
27743	CER	STR	SE	NE	12	11N	67E	Mt. Diablo	2.45
3865	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	31.55
3865	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	8.15
27743	CER	STR	SW	NE	12	11N	67E	Mt. Diablo	34.3

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
27743	CER	STR	NE	NW	12	11N	67E	Mt. Diablo	39.25
27743	CER	STR	NW	NW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NW	12	11N	67E	Mt. Diablo	40
3865	CER	STR	NE	SE	12	11N	67E	Mt. Diablo	14.32
27743	CER	STR	NE	SE	12	11N	67E	Mt. Diablo	14.04
27743	CER	STR	NW	SE	12	11N	67E	Mt. Diablo	39.85
3865	CER	STR	SE	SE	12	11N	67E	Mt. Diablo	30.12
27743	CER	STR	SE	SE	12	11N	67E	Mt. Diablo	20.66
3865	CER	STR	SW	SE	12	11N	67E	Mt. Diablo	1.25
27743	CER	STR	SW	SE	12	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	12	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	12	11N	67E	Mt. Diablo	39
27743	CER	STR	SW	SW	12	11N	67E	Mt. Diablo	40
3865	CER	STR	NE	NE	13	11N	67E	Mt. Diablo	0.91
27743	CER	STR	NE	NE	13	11N	67E	Mt. Diablo	39.6
3865	CER	STR	NW	NE	13	11N	67E	Mt. Diablo	0.13
27743	CER	STR	SE	NE	13	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	13	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	13	11N	67E	Mt. Diablo	40
27743	CER	STR	NE	SE	13	11N	67E	Mt. Diablo	26.13
27743	CER	STR	NW	SE	13	11N	67E	Mt. Diablo	39.75
27743	CER	STR	SW	SE	13	11N	67E	Mt. Diablo	9.5
27743	CER	STR	NE	SW	13	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	SW	13	11N	67E	Mt. Diablo	32.64
27743	CER	STR	NE	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	NW	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	SE	NE	14	11N	67E	Mt. Diablo	40
27743	CER	STR	SW	NE	14	11N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	SE	11	12N	67E	Mt. Diablo	18.75
V02861	VST	SPR	NE	SE	11	12N	67E	Mt. Diablo	18.75
V02860	VST	SPR	NW	SE	11	12N	67E	Mt. Diablo	15.12
V02861	VST	SPR	NW	SE	11	12N	67E	Mt. Diablo	15.12
V02860	VST	SPR	SE	SE	11	12N	67E	Mt. Diablo	37.83
V02861	VST	SPR	SE	SE	11	12N	67E	Mt. Diablo	37.83
V02860	VST	SPR	SW	SE	11	12N	67E	Mt. Diablo	12.64
V02861	VST	SPR	SW	SE	11	12N	67E	Mt. Diablo	12.64
45287	Cert.	U/G	SW	NW	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SE	12	12N	67E	Mt. Diablo	40.00
63532	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SE	12	12N	67E	Mt. Diablo	40.00
22645	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	15.00
45287	Cert.	U/G	NE	SW	12	12N	67E	Mt. Diablo	38.20
V02860	VST	SPR	SE	SW	12	12N	67E	Mt. Diablo	10.91
V02861	VST	SPR	SE	SW	12	12N	67E	Mt. Diablo	10.91

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02860	VST	SPR	SW	SW	12	12N	67E	Mt. Diablo	13.55
V02861	VST	SPR	SW	SW	12	12N	67E	Mt. Diablo	13.55
V01026	VST	STR	W2	SW	12	12N	67E	Mt. Diablo	45
V02860	VST	SPR	NE	NE	13	12N	67E	Mt. Diablo	13.63
V02861	VST	SPR	NE	NE	13	12N	67E	Mt. Diablo	13.63
63532	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71526	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
71603	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
74274	Permit	U/G	NE	NE	13	12N	67E	Mt. Diablo	19.31
4418	CER	STR	NW	NE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	NE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NW	NE	13	12N	67E	Mt. Diablo	40
63532	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71526	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
71603	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
74274	Permit	U/G	NW	NE	13	12N	67E	Mt. Diablo	35.11
V02860	VST	SPR	SE	NE	13	12N	67E	Mt. Diablo	12.39
V02861	VST	SPR	SE	NE	13	12N	67E	Mt. Diablo	12.39
63532	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71526	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
71603	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
74274	Permit	U/G	SE	NE	13	12N	67E	Mt. Diablo	21.28
4418	CER	STR	SW	NE	13	12N	67E	Mt. Diablo	35.2
V02860	VST	SPR	SW	NE	13	12N	67E	Mt. Diablo	37.93
V02861	VST	SPR	SW	NE	13	12N	67E	Mt. Diablo	37.93
63532	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71526	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
71603	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
74274	Permit	U/G	SW	NE	13	12N	67E	Mt. Diablo	31.78
4418	CER	STR	NE	NW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	6.36
V02860	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	23.87
V02861	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	6.36
V02861	VST	SPR	NE	NW	13	12N	67E	Mt. Diablo	23.87
4418	CER	STR	NW	NW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	NW	13	12N	67E	Mt. Diablo	28.41
V02861	VST	SPR	NW	NW	13	12N	67E	Mt. Diablo	28.41
4418	CER	STR	SE	NW	13	12N	67E	Mt. Diablo	40

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02860	VST	SPR	SE	NW	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	SE	NW	13	12N	67E	Mt. Diablo	40
63532	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71526	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
71603	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
74274	Permit	U/G	SE	NW	13	12N	67E	Mt. Diablo	42.36
V02860	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	34.61
V02860	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	5.39
V02861	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	34.61
V02861	VST	SPR	SW	NW	13	12N	67E	Mt. Diablo	5.39
813	CER	STR	NE	SE	13	12N	67E	Mt. Diablo	20
4418	CER	STR	NE	SE	13	12N	67E	Mt. Diablo	14.5
V02860	VST	SPR	NE	SE	13	12N	67E	Mt. Diablo	2.07
V02861	VST	SPR	NE	SE	13	12N	67E	Mt. Diablo	2.07
63532	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71526	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
71603	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
74274	Permit	U/G	NE	SE	13	12N	67E	Mt. Diablo	22.54
4418	CER	STR	NW	SE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	SE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NW	SE	13	12N	67E	Mt. Diablo	40
63532	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71526	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
71603	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
74274	Permit	U/G	NW	SE	13	12N	67E	Mt. Diablo	38.03
25678	CER	STR	SE	SE	13	12N	67E	Mt. Diablo	39
34704	PER	STR	SE	SE	13	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
25680	Cert.	U/G	SE	SE	13	12N	67E	Mt. Diablo	39.00
4418	CER	STR	SW	SE	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	SW	SE	13	12N	67E	Mt. Diablo	40
V02861	VST	SPR	SW	SE	13	12N	67E	Mt. Diablo	40
63532	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71526	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
71603	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
74274	Permit	U/G	SW	SE	13	12N	67E	Mt. Diablo	32.35
4418	CER	STR	NE	SW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	SW	13	12N	67E	Mt. Diablo	40

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02861	VST	SPR	NE	SW	13	12N	67E	Mt. Diablo	40
63532	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71526	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
71603	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
74274	Permit	U/G	NE	SW	13	12N	67E	Mt. Diablo	39.84
4418	CER	STR	NW	SW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	32.3
V02860	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	3.39
V02861	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	32.3
V02861	VST	SPR	NW	SW	13	12N	67E	Mt. Diablo	3.39
63532	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	13	12N	67E	Mt. Diablo	40.00
4418	CER	STR	SE	SW	13	12N	67E	Mt. Diablo	40
V02860	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	4.83
V02860	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	16.02
V02861	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	4.83
V02861	VST	SPR	SE	SW	13	12N	67E	Mt. Diablo	16.02
63532	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71526	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
71603	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
74274	Permit	U/G	SE	SW	13	12N	67E	Mt. Diablo	23.45
V02860	VST	SPR	SW	SW	13	12N	67E	Mt. Diablo	19.09
V02861	VST	SPR	SW	SW	13	12N	67E	Mt. Diablo	19.09
63532	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71526	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
71603	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
74274	Permit	U/G	SW	SW	13	12N	67E	Mt. Diablo	27.71
4418	CER	STR	NE	NE	14	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NE	NE	14	12N	67E	Mt. Diablo	40
V02861	VST	SPR	NE	NE	14	12N	67E	Mt. Diablo	40
V02860	VST	SPR	NW	NE	14	12N	67E	Mt. Diablo	5.86
V02861	VST	SPR	NW	NE	14	12N	67E	Mt. Diablo	5.86
V02860	VST	SPR	SE	NE	14	12N	67E	Mt. Diablo	38.74
V02861	VST	SPR	SE	NE	14	12N	67E	Mt. Diablo	38.74
V02860	VST	SPR	SW	NE	14	12N	67E	Mt. Diablo	0.99
V02861	VST	SPR	SW	NE	14	12N	67E	Mt. Diablo	0.99
V02860	VST	SPR	NE	SE	14	12N	67E	Mt. Diablo	14.21
V02861	VST	SPR	NE	SE	14	12N	67E	Mt. Diablo	14.21
811	CER	LAK	NW	SE	22	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SE	SW	22	12N	67E	Mt. Diablo	40.00

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
811	CER	LAK	SW	SW	22	12N	67E	Mt. Diablo	40.00
25678	CER	STR	NE	NE	24	12N	67E	Mt. Diablo	37.05
34704	PER	STR	NE	NE	24	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
25680	Cert.	U/G	NE	NE	24	12N	67E	Mt. Diablo	37.05
63532	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71526	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
71603	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
74274	Permit	U/G	NW	NE	24	12N	67E	Mt. Diablo	4.11
25678	CER	STR	SE	NE	24	12N	67E	Mt. Diablo	21.09
34704	PER	STR	SE	NE	24	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
25680	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	21.09
30319	Cert.	U/G	SE	NE	24	12N	67E	Mt. Diablo	18.18
74274	Permit	U/G	SE	NE	24	12N	67E	Mt. Diablo	3.56
25678	CER	STR	SW	NE	24	12N	67E	Mt. Diablo	14.25
34704	PER	STR	SW	NE	24	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25
25680	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	14.25
30319	Cert.	U/G	SW	NE	24	12N	67E	Mt. Diablo	24.24
V02860	VST	SPR	NE	NW	24	12N	67E	Mt. Diablo	1.82
V02861	VST	SPR	NE	NW	24	12N	67E	Mt. Diablo	1.82
63532	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71526	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
71603	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
74274	Permit	U/G	NE	NW	24	12N	67E	Mt. Diablo	8.91
V02860	VST	SPR	NW	NW	24	12N	67E	Mt. Diablo	38.74
V02861	VST	SPR	NW	NW	24	12N	67E	Mt. Diablo	38.74
63532	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71526	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
71603	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
74274	Permit	U/G	NW	NW	24	12N	67E	Mt. Diablo	27.65
63532	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71526	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
71603	Permit	U/G	SE	NW	24	12N	67E	Mt. Diablo	3.56
V02860	VST	SPR	SW	NW	24	12N	67E	Mt. Diablo	36.76
V02861	VST	SPR	SW	NW	24	12N	67E	Mt. Diablo	36.76
63532	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
63533	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71526	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
71603	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
74274	Permit	U/G	SW	NW	24	12N	67E	Mt. Diablo	30.95
25678	CER	STR	NE	SE	24	12N	67E	Mt. Diablo	18.81
34704	PER	STR	NE	SE	24	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
25680	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.81
30319	Cert.	U/G	NE	SE	24	12N	67E	Mt. Diablo	18.64
25678	CER	STR	NW	SE	24	12N	67E	Mt. Diablo	27.36
34704	PER	STR	NW	SE	24	12N	67E	Mt. Diablo	40
25679	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
25680	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	27.36
30319	Cert.	U/G	NW	SE	24	12N	67E	Mt. Diablo	30.01
34704	PER	STR	SW	SE	24	12N	67E	Mt. Diablo	40
30319	Cert.	U/G	SW	SE	24	12N	67E	Mt. Diablo	13.64
63532	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71526	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
71603	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
74274	Permit	U/G	NE	SW	24	12N	67E	Mt. Diablo	9.86
V02860	VST	SPR	NW	SW	24	12N	67E	Mt. Diablo	9.83
V02861	VST	SPR	NW	SW	24	12N	67E	Mt. Diablo	9.83
63532	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
63533	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	40.00
71525	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71526	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
71603	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
74274	Permit	U/G	NW	SW	24	12N	67E	Mt. Diablo	29.20
34704	PER	STR	SE	SW	24	12N	67E	Mt. Diablo	40
18525	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	8.43
30319	Cert.	U/G	SE	SW	24	12N	67E	Mt. Diablo	40.00
34704	PER	STR	SW	SW	24	12N	67E	Mt. Diablo	40
18525	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	6.03
30319	Cert.	U/G	SW	SW	24	12N	67E	Mt. Diablo	40.00
34704	PER	STR	NW	NW	25	12N	67E	Mt. Diablo	40
30319	Cert.	U/G	NW	NW	25	12N	67E	Mt. Diablo	19.86
34704	PER	STR	NE	NE	26	12N	67E	Mt. Diablo	40
18524	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	5.28
30319	Cert.	U/G	NE	NE	26	12N	67E	Mt. Diablo	7.13
811	CER	LAK	NE	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	NW	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SE	NW	27	12N	67E	Mt. Diablo	40.00
811	CER	LAK	SW	NW	27	12N	67E	Mt. Diablo	40.00

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
27743	CER	STR	SW	NE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	NW	35	12N	67E	Mt. Diablo	21.07
27743	CER	STR	NE	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	NW	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	SW	SE	35	12N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	35	12N	67E	Mt. Diablo	34.71
27743	CER	STR	SE	SW	35	12N	67E	Mt. Diablo	33.05
27743	CER	STR	NE	NW	36	12N	67E	Mt. Diablo	1.65
27743	CER	STR	NW	NW	36	12N	67E	Mt. Diablo	18.18
27743	CER	STR	SE	NW	36	12N	67E	Mt. Diablo	14.5
27743	CER	STR	SW	NW	36	12N	67E	Mt. Diablo	40
27743	CER	STR	NE	SW	36	12N	67E	Mt. Diablo	8.25
27743	CER	STR	NW	SW	36	12N	67E	Mt. Diablo	40
27743	CER	STR	SE	SW	36	12N	67E	Mt. Diablo	21.07
27743	CER	STR	SW	SW	36	12N	67E	Mt. Diablo	40
1052	CER	STR	E2	NE	1	13N	67E	Mt. Diablo	17
17017	CER	STR	NE	NE	1	13N	67E	Mt. Diablo	2.7
17017	CER	STR	SW	NE	1	13N	67E	Mt. Diablo	6.21
78107	Permit	U/G	SW	SE	15	13N	67E	Mt. Diablo	40.00
50772	CER	STR	NW	SW	15	13N	67E	Mt. Diablo	37.17
78107	Permit	U/G	NW	SW	15	13N	67E	Mt. Diablo	40.00
50772	CER	STR	SE	SW	15	13N	67E	Mt. Diablo	16.69
26229	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
26546	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	16.69
34727	Cert.	U/G	SE	SW	15	13N	67E	Mt. Diablo	15.45
78107	Permit	U/G	SE	SW	15	13N	67E	Mt. Diablo	40.00
50772	CER	STR	SW	SW	15	13N	67E	Mt. Diablo	34.6
26229	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
26546	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	22.73
34727	Cert.	U/G	SW	SW	15	13N	67E	Mt. Diablo	21.49
78107	Permit	U/G	SW	SW	15	13N	67E	Mt. Diablo	40.00
29162	CER	STR	NE	SE	16	13N	67E	Mt. Diablo	39.83
50772	CER	STR	NE	SE	16	13N	67E	Mt. Diablo	39.83
26228	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26952	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
26953	Cert.	U/G	NE	SE	16	13N	67E	Mt. Diablo	39.83
78107	Permit	U/G	NE	SE	16	13N	67E	Mt. Diablo	40.00
29162	CER	STR	NW	SE	16	13N	67E	Mt. Diablo	12.4
50772	CER	STR	NW	SE	16	13N	67E	Mt. Diablo	12.4
26228	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26952	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
26953	Cert.	U/G	NW	SE	16	13N	67E	Mt. Diablo	12.40
78107	Permit	U/G	NW	SE	16	13N	67E	Mt. Diablo	40.00
29162	CER	STR	SE	SE	16	13N	67E	Mt. Diablo	6.28
50772	CER	STR	SE	SE	16	13N	67E	Mt. Diablo	36.17

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
26228	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26952	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
26953	Cert.	U/G	SE	SE	16	13N	67E	Mt. Diablo	6.28
78107	Permit	U/G	SE	SE	16	13N	67E	Mt. Diablo	40.00
29162	CER	STR	SW	SE	16	13N	67E	Mt. Diablo	1.24
50772	CER	STR	SW	SE	16	13N	67E	Mt. Diablo	11.33
26228	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26952	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
26953	Cert.	U/G	SW	SE	16	13N	67E	Mt. Diablo	1.24
78107	Permit	U/G	SW	SE	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SW	16	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SW	16	13N	67E	Mt. Diablo	40.00
29162	CER	STR	SE	SW	17	13N	67E	Mt. Diablo	16.69
29162	CER	STR	SW	SW	17	13N	67E	Mt. Diablo	22.73
20817	Cert.	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NW	NE	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SW	NE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	NW	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	NW	21	13N	67E	Mt. Diablo	40.00
20817	Cert.	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	21	13N	67E	Mt. Diablo	40.00
920	CER	STR	NW	NE	22	13N	67E	Mt. Diablo	0.69
34727	Cert.	U/G	NW	NE	22	13N	67E	Mt. Diablo	0.65
78107	Permit	U/G	NW	NE	22	13N	67E	Mt. Diablo	40.00
26502	Cert.	U/G	SE	NE	22	13N	67E	Mt. Diablo	11.02
920	CER	STR	SW	NE	22	13N	67E	Mt. Diablo	8.48
26502	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	7.35
34727	Cert.	U/G	SW	NE	22	13N	67E	Mt. Diablo	1.60
78107	Permit	U/G	SW	NE	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	6.34
22545	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	NE	NW	22	13N	67E	Mt. Diablo	40
34727	Cert.	U/G	NE	NW	22	13N	67E	Mt. Diablo	41.36
78107	Permit	U/G	NE	NW	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	3.96
22545	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	NW	NW	22	13N	67E	Mt. Diablo	40
34727	Cert.	U/G	NW	NW	22	13N	67E	Mt. Diablo	41.90
78107	Permit	U/G	NW	NW	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40.36
17163	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40
22545	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
29162	CER	STR	SE	NW	22	13N	67E	Mt. Diablo	40
34727	Cert.	U/G	SE	NW	22	13N	67E	Mt. Diablo	36.80
78107	Permit	U/G	SE	NW	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	23.01
17163	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
22545	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
29162	CER	STR	SW	NW	22	13N	67E	Mt. Diablo	40
34727	Cert.	U/G	SW	NW	22	13N	67E	Mt. Diablo	41.94
78107	Permit	U/G	SW	NW	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	NE	SE	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	NW	SE	22	13N	67E	Mt. Diablo	8.27
78107	Permit	U/G	NW	SE	22	13N	67E	Mt. Diablo	40.00
78107	Permit	U/G	SE	SE	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	SW	SE	22	13N	67E	Mt. Diablo	7.92
78107	Permit	U/G	SW	SE	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	NE	SW	22	13N	67E	Mt. Diablo	36.65
15812	CER	STR	NE	SW	22	13N	67E	Mt. Diablo	40
78107	Permit	U/G	NE	SW	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	NW	SW	22	13N	67E	Mt. Diablo	16.28
15812	CER	STR	NW	SW	22	13N	67E	Mt. Diablo	40
78107	Permit	U/G	NW	SW	22	13N	67E	Mt. Diablo	40.00
920	CER	STR	SE	SW	22	13N	67E	Mt. Diablo	18.9
920	CER	STR	SE	SW	22	13N	67E	Mt. Diablo	10.47
15812	CER	STR	SE	SW	22	13N	67E	Mt. Diablo	40
78107	Permit	U/G	SE	SW	22	13N	67E	Mt. Diablo	40.00
15812	CER	STR	SW	SW	22	13N	67E	Mt. Diablo	40
78107	Permit	U/G	SW	SW	22	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29220	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29221	Cert.	U/G	NW	NW	26	13N	67E	Mt. Diablo	39.26
29219	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29220	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29221	Cert.	U/G	SE	NW	26	13N	67E	Mt. Diablo	31.02
29219	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	NW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SE	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
29220	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	SW	26	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NE	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	NW	NE	27	13N	67E	Mt. Diablo	40.00
29219	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29220	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
29221	Cert.	U/G	SW	NE	27	13N	67E	Mt. Diablo	40.00
25439	Cert.	U/G	NE	SE	27	13N	67E	Mt. Diablo	40.00
25439	Cert.	U/G	SE	SE	27	13N	67E	Mt. Diablo	20.00
19654	Cert.	U/G	SE	SE	31	13N	67E	Mt. Diablo	29.75
19654	Cert.	U/G	NE	SW	32	13N	67E	Mt. Diablo	17.19
19654	Cert.	U/G	NW	SW	32	13N	67E	Mt. Diablo	16.61
19654	Cert.	U/G	SE	SW	32	13N	67E	Mt. Diablo	40.25
19654	Cert.	U/G	SW	SW	32	13N	67E	Mt. Diablo	40.16
28653	Cert.	U/G	SE	NE	34	13N	67E	Mt. Diablo	0.30
2005	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	40
27739	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	17.36
27901	CER	STR	NE	NE	35	13N	67E	Mt. Diablo	17.36
28790	CER	SPR	NE	NE	35	13N	67E	Mt. Diablo	17.36
V02853	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	6.6
V02854	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	18.1
V02855	VST	SPR	NE	NE	35	13N	67E	Mt. Diablo	18.1
2005	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	40
27739	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27740	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27741	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27742	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
27901	CER	STR	NW	NE	35	13N	67E	Mt. Diablo	33.9
28790	CER	SPR	NW	NE	35	13N	67E	Mt. Diablo	33.9
V02851	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	9.7
V02852	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02853	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02854	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
V02855	VST	SPR	NW	NE	35	13N	67E	Mt. Diablo	20.9
38972	Cert.	U/G	NW	NE	35	13N	67E	Mt. Diablo	34.09
V02851	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02852	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02853	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02854	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
V02855	VST	SPR	NE	NW	35	13N	67E	Mt. Diablo	40
6834	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	35.8
27739	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	Tw	Rng	Meridian	Acres
27740	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27741	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27742	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
27901	CER	STR	NE	NW	35	13N	67E	Mt. Diablo	36.8
28790	CER	SPR	NE	NW	35	13N	67E	Mt. Diablo	36.8
38972	Cert.	U/G	NE	NW	35	13N	67E	Mt. Diablo	37.87
V02851	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02852	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02853	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02854	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
V02855	VST	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
6834	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	21.6
27739	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27740	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27741	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27742	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
27901	CER	STR	NW	NW	35	13N	67E	Mt. Diablo	40
28790	CER	SPR	NW	NW	35	13N	67E	Mt. Diablo	40
38972	Cert.	U/G	NW	NW	35	13N	67E	Mt. Diablo	40.30
V02851	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02852	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02853	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02854	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
V02855	VST	SPR	SE	NW	35	13N	67E	Mt. Diablo	17.7
6834	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	13.4
27739	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27740	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27741	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27742	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
27901	CER	STR	SE	NW	35	13N	67E	Mt. Diablo	37.75
28790	CER	SPR	SE	NW	35	13N	67E	Mt. Diablo	37.75
38972	Cert.	U/G	SE	NW	35	13N	67E	Mt. Diablo	39.48
V02851	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02852	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02853	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02854	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V02855	VST	SPR	SW	NW	35	13N	67E	Mt. Diablo	25
V00714	VST	STR		NW	35	13N	67E	Mt. Diablo	20.00
6834	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	26.5
27739	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27740	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27741	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27742	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
27901	CER	STR	SW	NW	35	13N	67E	Mt. Diablo	40
28790	CER	SPR	SW	NW	35	13N	67E	Mt. Diablo	40
38972	Cert.	U/G	SW	NW	35	13N	67E	Mt. Diablo	40.38

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02854	VST	SPR	NW	NW	36	13N	67E	Mt. Diablo	3.2
10703	CER	STR	NW	NE	19	15N	67E	Mt. Diablo	16.3
10703	CER	STR	NW	SW	19	15N	67E	Mt. Diablo	3.72
10703	CER	STR	SW	SW	19	15N	67E	Mt. Diablo	3.9
8393	CER	STR	NW	NW	2	16N	67E	Mt. Diablo	28.93
10487	CER	STR	NW	NW	2	16N	67E	Mt. Diablo	28.9
8393	CER	STR	SW	NW	2	16N	67E	Mt. Diablo	10.1
10487	CER	STR	SW	NW	2	16N	67E	Mt. Diablo	10.1
8393	CER	STR	NE	NE	3	16N	67E	Mt. Diablo	34.6
10487	CER	STR	NE	NE	3	16N	67E	Mt. Diablo	34.6
10487	CER	STR	NW	NE	3	16N	67E	Mt. Diablo	39.5
8393	CER	STR	SE	NE	3	16N	67E	Mt. Diablo	39.37
10487	CER	STR	SE	NE	3	16N	67E	Mt. Diablo	40
10487	CER	STR	SW	NE	3	16N	67E	Mt. Diablo	16.4
V00790	VST	STR	W2	E2	5	16N	67E	Mt. Diablo	440 (por.)
V01218	VST	STR	W2	E2	5	16N	67E	Mt. Diablo	160
V02817	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02818	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02819	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02820	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02821	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02822	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02823	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02824	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02825	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02826	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02827	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V02828	VST	SPR	W2	E2	5	16N	67E	Mt. Diablo	160
V00790	VST	STR		W2	5	16N	67E	Mt. Diablo	440 (por.)
V01218	VST	STR		W2	5	16N	67E	Mt. Diablo	320
V02817	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02818	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02819	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02820	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02821	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02822	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02823	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02824	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02825	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02826	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02827	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V02828	VST	SPR		W2	5	16N	67E	Mt. Diablo	320
V00790	VST	STR		E2	6	16N	67E	Mt. Diablo	416.2 (por.)
V01218	VST	STR		E2	6	16N	67E	Mt. Diablo	320
V02817	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02818	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02819	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02820	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02821	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02822	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02823	VST	SPR		E2	6	16N	67E	Mt. Diablo	320

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02824	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02825	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02826	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02827	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V02828	VST	SPR		E2	6	16N	67E	Mt. Diablo	320
V00790	VST	STR	E2	NW	6	16N	67E	Mt. Diablo	416.2 (por.)
V00790	VST	STR	E2	SW	6	16N	67E	Mt. Diablo	416.2 (por.)
V01218	VST	STR	E2	W2	6	16N	67E	Mt. Diablo	160
V00790	VST	STR		E2	7	16N	67E	Mt. Diablo	480 (por.)
V02817	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02818	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02819	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02820	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02821	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02822	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02823	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02824	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02825	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02826	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02827	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V02828	VST	SPR		E2	7	16N	67E	Mt. Diablo	320
V00790	VST	STR	W2	NW	7	16N	67E	Mt. Diablo	135.7 (por.)
V00790	VST	STR	W2	SW	7	16N	67E	Mt. Diablo	135.7 (por.)
V00790	VST	STR	E2	W2	7	16N	67E	Mt. Diablo	480 (por.)
V02817	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02818	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02819	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02820	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02821	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02822	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02823	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02824	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02825	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02826	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02827	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V02828	VST	SPR	E2	W2	7	16N	67E	Mt. Diablo	160
V01217	VST	STR			7	16N	67E	Mt. Diablo	640.00
V00790	VST	STR	W2	E2	8	16N	67E	Mt. Diablo	480 (por.)
V02817	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02818	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02819	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02820	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02821	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02822	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02823	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02824	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02825	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02826	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02827	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V02828	VST	SPR	W2	E2	8	16N	67E	Mt. Diablo	160
V00790	VST	STR		W2	8	16N	67E	Mt. Diablo	480 (por.)
V02817	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02818	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02819	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02820	VST	SPR		W2	8	16N	67E	Mt. Diablo	320

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02821	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02822	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02823	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02824	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02825	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02826	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02827	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V02828	VST	SPR		W2	8	16N	67E	Mt. Diablo	320
V01217	VST	STR			8	16N	67E	Mt. Diablo	480.00
3203	CER	SPR	SW	NE	9	16N	67E	Mt. Diablo	7
3203	CER	SPR	NW	SE	9	16N	67E	Mt. Diablo	28
V00790	VST	STR	W2	NE	17	16N	67E	Mt. Diablo	90 (por.)
V02817	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02818	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02819	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02820	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02821	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02822	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02823	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02824	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02825	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02826	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02827	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V02828	VST	SPR	W2	NE	17	16N	67E	Mt. Diablo	80
V00790	VST	STR	NW	SE	17	16N	67E	Mt. Diablo	90 (por.)
V02817	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02818	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02819	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02820	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02821	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02822	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02823	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02824	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02825	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02826	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02827	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
V02828	VST	SPR	NW	SE	17	16N	67E	Mt. Diablo	40
2852	CER	STR	SE	SW	17	16N	67E	Mt. Diablo	5.50
2852	CER	STR	SW	SW	17	16N	67E	Mt. Diablo	15.90
V00790	VST	STR		W2	17	16N	67E	Mt. Diablo	320
V02817	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02818	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02819	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02820	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02821	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02822	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02823	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02824	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02825	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02826	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02827	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V02828	VST	SPR		W2	17	16N	67E	Mt. Diablo	320
V01217	VST	STR			17	16N	67E	Mt. Diablo	480.00
V00790	VST	STR		NE	18	16N	67E	Mt. Diablo	240 (por.)
V02817	VST	SPR		NE	18	16N	67E	Mt. Diablo	160

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V02818	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02819	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02820	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02821	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02822	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02823	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02824	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02825	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02826	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02827	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V02828	VST	SPR		NE	18	16N	67E	Mt. Diablo	160
V00790	VST	STR	E2	NW	18	16N	67E	Mt. Diablo	240 (por.)
V00790	VST	STR	W2	NW	18	16N	67E	Mt. Diablo	60
V00790	VST	STR	W2	NW	18	16N	67E	Mt. Diablo	5
V02817	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02818	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02819	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02820	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02821	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02822	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02823	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02824	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02825	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02826	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02827	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V02828	VST	SPR	NE	SE	18	16N	67E	Mt. Diablo	40
V00790	VST	STR		SE	18	16N	67E	Mt. Diablo	246.7 (por.)
V00790	VST	STR		SW	18	16N	67E	Mt. Diablo	246.7 (por.)
V01217	VST	STR			18	16N	67E	Mt. Diablo	640.00
54204	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SE	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	SW	18	16N	67E	Mt. Diablo	40.00

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
54204	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SE	SW	18	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	SW	18	16N	67E	Mt. Diablo	40.00
V00790	VST	STR	SE	NE	19	16N	67E	Mt. Diablo	63.6 (por.)
V00790	VST	STR	NE	NW	19	16N	67E	Mt. Diablo	96.2 (por.)
2852	CER	STR	NE	SE	19	16N	67E	Mt. Diablo	37.90
V00790	VST	STR	NE	SE	19	16N	67E	Mt. Diablo	68.5 (por.)
2852	CER	STR	NW	SE	19	16N	67E	Mt. Diablo	2.29
2852	CER	STR	SE	SE	19	16N	67E	Mt. Diablo	1.00
V00790	VST	STR	SW	NE	19	16N	67E	Mt. Diablo	63.6 (por.)
2852	CER	STR		NE	19	16N	67E	Mt. Diablo	102.50
2852	CER	STR	NE	NW	19	16N	67E	Mt. Diablo	0.17
V00790	VST	STR	N2	NE	19	16N	67E	Mt. Diablo	96.2 (por.)
2852	CER	STR	SE	SE	19	16N	67E	Mt. Diablo	28.70
V00790	VST	STR	SE	SE	19	16N	67E	Mt. Diablo	68.5 (por.)
V01217	VST	STR			19	16N	67E	Mt. Diablo	por.
54204	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	SW	NE	19	16N	67E	Mt. Diablo	40.00
54204	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
54205	Permit	U/G	NE	NW	19	16N	67E	Mt. Diablo	40.00
2852	CER	STR	NW	NE	20	16N	67E	Mt. Diablo	13.20
2852	CER	STR	SW	NE	20	16N	67E	Mt. Diablo	34.00
2852	CER	STR		NW	20	16N	67E	Mt. Diablo	149.70
2852	CER	STR	NW	SE	20	16N	67E	Mt. Diablo	28.70
2852	CER	STR	SW	SE	20	16N	67E	Mt. Diablo	19.70
2852	CER	STR		SW	20	16N	67E	Mt. Diablo	160.00
V00790	VST	STR	E2	W2	20	16N	67E	Mt. Diablo	260 (por.)
V00790	VST	STR	W2	W2	20	16N	67E	Mt. Diablo	260 (por.)
V01217	VST	STR			20	16N	67E	Mt. Diablo	por.
2852	CER	STR	NW	NE	29	16N	67E	Mt. Diablo	26.40
2852	CER	STR	SW	NE	29	16N	67E	Mt. Diablo	17.80
2852	CER	STR	N2	NW	29	16N	67E	Mt. Diablo	80.00
2852	CER	STR	SE	NW	29	16N	67E	Mt. Diablo	37.70
2852	CER	STR	SW	NW	29	16N	67E	Mt. Diablo	28.90
V00790	VST	STR		NW	29	16N	67E	Mt. Diablo	143.6
V00790	VST	STR	E2	NE	30	16N	67E	Mt. Diablo	21.4
2852	CER	STR	NE	NE	30	16N	67E	Mt. Diablo	12.10
V01215	VST	STR	W2	E2	6	17N	67E	Mt. Diablo	160
10710	CER	STR		NE	6	17N	67E	Mt. Diablo	27.16
10710	CER	STR		NW	6	17N	67E	Mt. Diablo	55.14
10710	CER	STR		SE	6	17N	67E	Mt. Diablo	14.62
10710	CER	STR		SW	6	17N	67E	Mt. Diablo	14.66
V01215	VST	STR		W2	6	17N	67E	Mt. Diablo	320
V00791	VST	STR			6	17N	67E	Mt. Diablo	640
V01215	VST	STR	W2	E2	7	17N	67E	Mt. Diablo	160
V09665	VST	SPR	SE	NE	7	17N	67E	Mt. Diablo	0.16
10710	CER	STR		NE	7	17N	67E	Mt. Diablo	76.77
10710	CER	STR		NW	7	17N	67E	Mt. Diablo	18.2

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V09665	VST	SPR	NE	SE	7	17N	67E	Mt. Diablo	20.95
V09665	VST	SPR	SE	SE	7	17N	67E	Mt. Diablo	21.24
10710	CER	STR	W2	SE	7	17N	67E	Mt. Diablo	11.93
10710	CER	STR		SE	7	17N	67E	Mt. Diablo	21.04
10710	CER	STR		SW	7	17N	67E	Mt. Diablo	31.29
10710	CER	STR		SW	7	17N	67E	Mt. Diablo	39.19
V01215	VST	STR		W2	7	17N	67E	Mt. Diablo	320
V00791	VST	STR			7	17N	67E	Mt. Diablo	640
21220	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
21687	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
21688	CER	STR	NW	NE	18	17N	67E	Mt. Diablo	8.29
V09665	VST	SPR	NW	NE	18	17N	67E	Mt. Diablo	26.31
21220	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
21687	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
21688	CER	STR	SW	NE	18	17N	67E	Mt. Diablo	21.21
V09665	VST	SPR	SW	NE	18	17N	67E	Mt. Diablo	39.47
V09667	VST	SPR	SW	NE	18	17N	67E	Mt. Diablo	39.47
21220	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	20.56
21687	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	22.05
21688	CER	STR	NE	NW	18	17N	67E	Mt. Diablo	22.05
V09665	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	20.54
V09666	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	3.11
V09666	VST	SPR	NE	NW	18	17N	67E	Mt. Diablo	17.43
21687	CER	STR	NW	NW	18	17N	67E	Mt. Diablo	0.2
21688	CER	STR	NW	NW	18	17N	67E	Mt. Diablo	0.2
V09666	VST	SPR	NW	NW	18	17N	67E	Mt. Diablo	1.37
21220	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	33.79
21687	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	40
21688	CER	STR	SE	NW	18	17N	67E	Mt. Diablo	40
V09665	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
V09666	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
V09667	VST	SPR	SE	NW	18	17N	67E	Mt. Diablo	40.10
21220	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.84
21687	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.94
21688	CER	STR	SW	NW	18	17N	67E	Mt. Diablo	13.94
V09666	VST	SPR	SW	NW	18	17N	67E	Mt. Diablo	15.90
21220	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
21687	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
21688	CER	STR	NW	SE	18	17N	67E	Mt. Diablo	17.79
V09667	VST	SPR	NW	SE	18	17N	67E	Mt. Diablo	38.58
V09668	VST	SPR	NW	SE	18	17N	67E	Mt. Diablo	38.58
V09668	VST	SPR	SE	SE	18	17N	67E	Mt. Diablo	16.91
21220	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
21687	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
21688	CER	STR	SW	SE	18	17N	67E	Mt. Diablo	13.36
V09668	VST	SPR	SW	SE	18	17N	67E	Mt. Diablo	31.57
21220	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
21687	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
21688	CER	STR	NE	SW	18	17N	67E	Mt. Diablo	40
V09667	VST	SPR	NE	SW	18	17N	67E	Mt. Diablo	40.17
V09668	VST	SPR	NE	SW	18	17N	67E	Mt. Diablo	40.17
21687	CER	STR	NW	SW	18	17N	67E	Mt. Diablo	12.51
21688	CER	STR	NW	SW	18	17N	67E	Mt. Diablo	12.51
V09666	VST	SPR	NW	SW	18	17N	67E	Mt. Diablo	7.84
V09668	VST	SPR	NW	SW	18	17N	67E	Mt. Diablo	7.84

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
21220	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	23.1
21687	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	35.9
21688	CER	STR	SE	SW	18	17N	67E	Mt. Diablo	35.9
V09668	VST	SPR	SE	SW	18	17N	67E	Mt. Diablo	41.91
21687	CER	STR	SW	SW	18	17N	67E	Mt. Diablo	0.51
21688	CER	STR	SW	SW	18	17N	67E	Mt. Diablo	0.51
V09668	VST	SPR	SW	SW	18	17N	67E	Mt. Diablo	5.23
V09669	VST	SPR	NE	NE	19	17N	67E	Mt. Diablo	32.26
V09672	VST	SPR	NE	NE	19	17N	67E	Mt. Diablo	32.26
21687	CER	STR	NW	NE	19	17N	67E	Mt. Diablo	28.19
21688	CER	STR	NW	NE	19	17N	67E	Mt. Diablo	28.19
V09669	VST	SPR	NW	NE	19	17N	67E	Mt. Diablo	22.24
V09669	VST	SPR	SE	NE	19	17N	67E	Mt. Diablo	36.18
V09672	VST	SPR	SE	NE	19	17N	67E	Mt. Diablo	36.18
21687	CER	STR	NE	NW	19	17N	67E	Mt. Diablo	39.8
21688	CER	STR	NE	NW	19	17N	67E	Mt. Diablo	39.8
V09669	VST	SPR	NE	NW	19	17N	67E	Mt. Diablo	37.53
V09670	VST	SPR	NE	NW	19	17N	67E	Mt. Diablo	37.53
21687	CER	STR	NW	NW	19	17N	67E	Mt. Diablo	6.73
21688	CER	STR	NW	NW	19	17N	67E	Mt. Diablo	6.73
V09670	VST	SPR	NW	NW	19	17N	67E	Mt. Diablo	13.01
21687	CER	STR	SE	NW	19	17N	67E	Mt. Diablo	40
21688	CER	STR	SE	NW	19	17N	67E	Mt. Diablo	40
V09669	VST	SPR	SE	NW	19	17N	67E	Mt. Diablo	38.24
V09670	VST	SPR	SE	NW	19	17N	67E	Mt. Diablo	38.24
21687	CER	STR	SW	NW	19	17N	67E	Mt. Diablo	22.36
21688	CER	STR	SW	NW	19	17N	67E	Mt. Diablo	22.36
V09670	VST	SPR	SW	NW	19	17N	67E	Mt. Diablo	21.98
V09671	VST	SPR	NE	SE	19	17N	67E	Mt. Diablo	38.28
V09672	VST	SPR	NE	SE	19	17N	67E	Mt. Diablo	38.28
21687	CER	STR	NE	SW	19	17N	67E	Mt. Diablo	15.63
21688	CER	STR	NE	SW	19	17N	67E	Mt. Diablo	15.63
V09670	VST	SPR	NE	SW	19	17N	67E	Mt. Diablo	38.21
21687	CER	STR	NW	SW	19	17N	67E	Mt. Diablo	6.64
21688	CER	STR	NW	SW	19	17N	67E	Mt. Diablo	6.64
V09670	VST	SPR	NW	SW	19	17N	67E	Mt. Diablo	21.20
V09671	VST	SPR	SE	SW	19	17N	67E	Mt. Diablo	38.36
10801	CER	STR	NW	SE	21	17N	67E	Mt. Diablo	17.73
10801	CER	STR	SW	SE	21	17N	67E	Mt. Diablo	27.21
10921	CER	SPR	NE	NE	23	17N	67E	Mt. Diablo	8.44
10993	CER	SPR	NE	NE	23	17N	67E	Mt. Diablo	8.44
10921	CER	SPR	SE	NE	23	17N	67E	Mt. Diablo	40
10993	CER	SPR	SE	NE	23	17N	67E	Mt. Diablo	40
10921	CER	SPR	NE	SE	23	17N	67E	Mt. Diablo	34.1
10921	CER	SPR	NE	NW	24	17N	67E	Mt. Diablo	39.8
10993	CER	SPR	NE	NW	24	17N	67E	Mt. Diablo	39.8
10921	CER	SPR	NW	NW	24	17N	67E	Mt. Diablo	11.9
10993	CER	SPR	NW	NW	24	17N	67E	Mt. Diablo	11.9
10921	CER	SPR	SE	NW	24	17N	67E	Mt. Diablo	38.4
10993	CER	SPR	SE	NW	24	17N	67E	Mt. Diablo	38.4
10921	CER	SPR	SW	NW	24	17N	67E	Mt. Diablo	40
10993	CER	SPR	SW	NW	24	17N	67E	Mt. Diablo	40
10921	CER	SPR	NW	SW	24	17N	67E	Mt. Diablo	28.1
10801	CER	STR	NW	NE	28	17N	67E	Mt. Diablo	15.53
10801	CER	STR	NE	NW	28	17N	67E	Mt. Diablo	18.72

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
1159	CER	STR	SE	SE	28	17N	67E	Mt. Diablo	29.3
5691	CER	STR	SE	SE	28	17N	67E	Mt. Diablo	28
6754	CER	SPR	SE	NE	30	17N	67E	Mt. Diablo	37.2
V09671	VST	SPR	NE	NW	30	17N	67E	Mt. Diablo	34.06
V09671	VST	SPR	NW	NW	30	17N	67E	Mt. Diablo	4.90
6754	CER	SPR	NE	SE	30	17N	67E	Mt. Diablo	16.6
V01764	VST	STR	NW	SE	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	SW	SE	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	NE	SW	30	17N	67E	Mt. Diablo	10 (por.)
V01764	VST	STR	SE	SW	30	17N	67E	Mt. Diablo	10 (por.)
V09671	VST	SPR	SW	SW	30	17N	67E	Mt. Diablo	19.13
2745	CER	SPR	SW	NE	31	17N	67E	Mt. Diablo	20
1159	CER	STR	E2	NE	33	17N	67E	Mt. Diablo	78.4
5691	CER	STR	NE	NE	33	17N	67E	Mt. Diablo	40
5691	CER	STR	SE	NE	33	17N	67E	Mt. Diablo	40
1159	CER	STR	NE	SE	33	17N	67E	Mt. Diablo	19
5691	CER	STR	NE	SE	33	17N	67E	Mt. Diablo	23.03
5691	CER	STR	NW	NW	34	17N	67E	Mt. Diablo	21.2
5691	CER	STR	SW	NW	34	17N	67E	Mt. Diablo	23.7
1159	CER	STR	W2	NW	34	17N	67E	Mt. Diablo	62.4
10487	CER	STR	NE	SE	34	17N	67E	Mt. Diablo	40
10487	CER	STR	SE	SE	34	17N	67E	Mt. Diablo	40
1159	CER	STR	NW	SW	34	17N	67E	Mt. Diablo	20
5691	CER	STR	NW	SW	34	17N	67E	Mt. Diablo	13.6
3186	CER	STR	SE	NW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	SW	NW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	NE	SW	35	17N	67E	Mt. Diablo	40
3186	CER	STR	NW	SW	35	17N	67E	Mt. Diablo	40
8393	CER	STR	SW	SW	35	17N	67E	Mt. Diablo	38.2
10487	CER	STR	SW	SW	35	17N	67E	Mt. Diablo	37.8
55363	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55364	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55365	PER	SPR	SW	NW	7	18N	67E	Mt. Diablo	40
55363	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
55364	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
55365	PER	SPR	NW	SW	7	18N	67E	Mt. Diablo	40
39817	Permit	U/G	SW	SW	18	18N	67E	Mt. Diablo	40.00
39817	Permit	U/G	NW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	19	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	NE	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	30	18N	67E	Mt. Diablo	40.00
28818	CER	STR	SW	NW	30	18N	67E	Mt. Diablo	4.96
28818	CER	STR	NW	SW	30	18N	67E	Mt. Diablo	17.12
V01214	VST	STR	W2	W2	30	18N	67E	Mt. Diablo	500 (por.)
39818	Permit	U/G	SW	NW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SE	SW	30	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	SW	SW	30	18N	67E	Mt. Diablo	40.00
V01215	VST	STR	W2	E2	31	18N	67E	Mt. Diablo	160
V01215	VST	STR		W2	31	18N	67E	Mt. Diablo	320

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
V00791	VST	STR			31	18N	67E	Mt. Diablo	640
39818	Permit	U/G	NE	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NE	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NE	NW	31	18N	67E	Mt. Diablo	40.00
39818	Permit	U/G	NW	NW	31	18N	67E	Mt. Diablo	40.00
56049	Permit	U/G	SW	NW	30	19N	67E	Mt. Diablo	40.00
20895	CER	STR	NW	NW	31	19N	67E	Mt. Diablo	24.1
20895	CER	STR	SE	NW	31	19N	67E	Mt. Diablo	34.75
20895	CER	STR	SW	NW	31	19N	67E	Mt. Diablo	31.92
10843	CER	STR	NE	SW	31	19N	67E	Mt. Diablo	2.08
10843	CER	STR	NW	SW	31	19N	67E	Mt. Diablo	2.56
10843	CER	STR	SE	SW	31	19N	67E	Mt. Diablo	15.83
10843	CER	STR	SW	SW	31	19N	67E	Mt. Diablo	10.67
19435	CER	RES		LT01	19	20N	67E	Mt. Diablo	6.1
19436	CER	RES		LT01	19	20N	67E	Mt. Diablo	6.1
71840	Permit	U/G		LOT1	19	20N	67E	Mt. Diablo	36.74
19435	CER	RES		LT02	19	20N	67E	Mt. Diablo	0.4
19436	CER	RES		LT02	19	20N	67E	Mt. Diablo	0.4
71840	Permit	U/G		LOT2	19	20N	67E	Mt. Diablo	36.58
71840	Permit	U/G		LOT3	19	20N	67E	Mt. Diablo	36.43
71840	Permit	U/G	NE	SW	19	20N	67E	Mt. Diablo	40.00
27902	CER	SPR	SE	NW	5	11N	68E	Mt. Diablo	2.18
27902	CER	SPR	SW	NW	5	11N	68E	Mt. Diablo	2.7
27902	CER	SPR	NE	SW	5	11N	68E	Mt. Diablo	5.8
27902	CER	SPR	SE	NE	6	11N	68E	Mt. Diablo	3.75
27902	CER	SPR	SW	NE	6	11N	68E	Mt. Diablo	2.07
27743	CER	STR	SW	NW	18	11N	68E	Mt. Diablo	39.4
27743	CER	STR	NW	SW	18	11N	68E	Mt. Diablo	12.4
17017	CER	STR	NE	NW	6	13N	68E	Mt. Diablo	7.19
1052	CER	STR	NW	NW	6	13N	68E	Mt. Diablo	3
17017	CER	STR	NW	NW	6	13N	68E	Mt. Diablo	13.93
17017	CER	STR	SW	NW	6	13N	68E	Mt. Diablo	1.79
5546	CER	SPR	NE	SE	17	15N	68E	Mt. Diablo	5.26
5546	CER	SPR	NW	SE	17	15N	68E	Mt. Diablo	1.39
66734	CER	SPR	NW	SE	17	15N	68E	Mt. Diablo	2.42
5546	CER	SPR	SE	SE	17	15N	68E	Mt. Diablo	11.45
5546	CER	SPR	SW	SE	17	15N	68E	Mt. Diablo	5.14
66734	CER	SPR	SW	SE	17	15N	68E	Mt. Diablo	0.4
12571	CER	SPR	SW	NE	21	15N	68E	Mt. Diablo	10.71
1922	CER	SPR		NE	21	15N	68E	Mt. Diablo	20
13652	CER	SPR	NW	NW	21	15N	68E	Mt. Diablo	2
12571	CER	SPR	SE	NW	21	15N	68E	Mt. Diablo	5.37
3793	CER	SPR	SE	SW	15	16N	68E	Mt. Diablo	2.29
3793	CER	SPR	SW	SW	15	16N	68E	Mt. Diablo	3.21
V01080	VST	STR		NW	16	16N	68E	Mt. Diablo	8.5
V01080				N2	17	16N	68E	Mt. Diablo	58.13
3793	CER	SPR	NE	NW	22	16N	68E	Mt. Diablo	0.1
3793	CER	SPR	NW	NW	22	16N	68E	Mt. Diablo	4.62
3927	CER	SPR	NW	NW	27	17N	68E	Mt. Diablo	1
3927	CER	SPR	SW	NW	27	17N	68E	Mt. Diablo	4
5028	CER	SPR	SW	NW	27	17N	68E	Mt. Diablo	3.04
3927	CER	SPR	SE	NE	28	17N	68E	Mt. Diablo	5
5028	CER	SPR	SE	NE	28	17N	68E	Mt. Diablo	3.56
V01648	VST	STR			28	18N	68E	Mt. Diablo	20

Black = Groundwater  
Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									
App	Status	Source	QQ	Q	Sec	TwN	Rng	Meridian	Acres
5923	CER	STR	NE	NE	31	18N	68E	Mt. Diablo	2.4
5923	CER	STR	NW	NE	31	18N	68E	Mt. Diablo	7.4
5923	CER	STR	SE	NE	31	18N	68E	Mt. Diablo	13.15
5923	CER	STR	SW	NE	31	18N	68E	Mt. Diablo	30.45
V01648	VST	STR		NE	31	18N	68E	Mt. Diablo	6
56050	Cert.	U/G	SE	NE	31	18N	68E	Mt. Diablo	5.53
56050	Cert.	U/G	SW	NE	31	18N	68E	Mt. Diablo	30.18
5923	CER	STR	NE	SE	31	18N	68E	Mt. Diablo	11.2
5923	CER	STR	NW	SE	31	18N	68E	Mt. Diablo	20.56
56050	Cert.	U/G	NW	SE	31	18N	68E	Mt. Diablo	24.29
V00767	VST	STR	NW	NE	34	18N	68E	Mt. Diablo	30.00
6360	PER	SPR		Lot 4	5	20N	69E	Mt. Diablo	40
6360	PER	SPR	SW	NW	5	20N	69E	Mt. Diablo	40
6360	PER	SPR	NW	SW	5	20N	69E	Mt. Diablo	40
6360	PER	SPR	SW	SW	5	20N	69E	Mt. Diablo	40

Black = Groundwater

Blue = Surface Water

Yellow Highlighted areas = Same location, Qtr/Qtr, Place of Use

## **Appendix 56**

### **Spring Valley: Groundwater to Surface Water Supplemental Analysis**

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
V00790	VST	STR	E2	NE	13	16N	66E	26.6 (por.)	Permit 54204 and 54205 100 % supplemental to surface water per Permit Terms. Total Supplemental amount listed in first occurrence in this spreadsheet.	694.10	3.0	2082.30
V01217	VST	STR			13	16N	66E	por.				
54204	Permit	U/G	NE	NE	13	16N	66E	40.00				
54205	Permit	U/G	NE	NE	13	16N	66E	40.00				
54204	Permit	U/G	SE	NE	13	16N	66E	40.00				
54205	Permit	U/G	SE	NE	13	16N	66E	40.00				
54204	Permit	U/G	NE	SE	13	16N	66E	40.00				
54205	Permit	U/G	NE	SE	13	16N	66E	40.00				
V01213	VST	STR		W2	13	18N	66E	320 (por.)	Permit 39817 can be 100% non-supplemental to surface water rights.	0.00	0.0	0.00
39817	Permit	U/G	SE	SW	13	18N	66E	40.00				
V01214	VST	STR	E2	NE	25	18N	66E	500 (por.)	Permit 39818 540 acre-supplemental-320 acre can be non-supplemental. Supplemental amount listed in first occurrence in this spreadsheet.	540.00	4.0	2160.00
V01214	VST	STR	N2	NE	25	18N	66E	500 (por.)				
39818	Permit	U/G	NE	NE	25	18N	66E	40.00				
39818	Permit	U/G	SE	NE	25	18N	66E	40.00				
28818	CER	STR	NE	SE	25	18N	66E	33.17	Permit 39818 540 acre-supplemental-320 acre can be non-supplemental. Supplemental amount listed in first occurrence in this spreadsheet	0.00	0.0	0.00
39818	Permit	U/G	NE	SE	25	18N	66E	40.00				
28818	CER	STR	SE	SE	25	18N	66E	0.3	Permit 39818 540 acre-supplemental-320 acre can be non-supplemental. Supplemental amount listed in first occurrence in this spreadsheet	0.00	0.0	0.00
V01214	VST	STR		SE	25	18N	66E	500 (por.)				
39818	Permit	U/G	SE	SE	25	18N	66E	40.00				
V01214	VST	STR	NE	NE	36	18N	66E	500 (por.)	Permit 39818 540 acre-supplemental-320 acre can be non-supplemental. Supplemental amount listed in first occurrence in this spreadsheet	0.00	0.0	0.00
39818	Permit	U/G	NE	NE	36	18N	66E	40.00				
4043	CER	STR	NW	NE	11	19N	66E	40	GW supplemental	3.49	3.81	13.30
10766	CER	STR	NW	NE	11	19N	66E	3.71				
27378	Cert.	U/G	NW	NE	11	19N	66E	3.49				
4043	CER	STR	SE	NE	11	19N	66E	40	GW supplemental	36.00	3.81	137.16
10766	CER	STR	SE	NE	11	19N	66E	36.77				
27378	Cert.	U/G	SE	NE	11	19N	66E	36.00				
4043	CER	STR	SW	NE	11	19N	66E	40	GW supplemental	39.85	3.81	151.83
10766	CER	STR	SW	NE	11	19N	66E	40				
27378	Cert.	U/G	SW	NE	11	19N	66E	39.85				
10766	CER	STR	N2	SE	11	19N	66E	79.15	GW supplemental	79.15	3.81	301.56
4042	CER	STR	NE	SE	11	19N	66E	40				
V02305	DEC	STR	NE	SE	11	19N	66E	27.8				
27378	Cert.	U/G	NE	SE	11	19N	66E	40.00				
27378	Cert.	U/G	NW	SE	11	19N	66E	40.00				
10766	CER	STR	S2	SE	11	19N	66E	78.14	GW supplemental	70.48	3.81	268.53
4041	CER	STR	SE	SE	11	19N	66E	40				
V02305	DEC	STR	SE	SE	11	19N	66E	36.6				
4041	CER	STR	SW	SE	11	19N	66E	40				
V02305	DEC	STR	SW	SE	11	19N	66E	19.3				
27378	Cert.	U/G	SW	SE	11	19N	66E	40.00				
27378	Cert.	U/G	SE	SE	11	19N	66E	30.48				
4043	CER	STR	SW	NW	12	19N	66E	40	GW supplemental	25.34	3.81	96.55
10766	CER	STR	SW	NW	12	19N	66E	31.6				
27378	Cert.	U/G	SW	NW	12	19N	66E	25.34				
4042	CER	STR	NW	SW	12	19N	66E	40	GW supplemental	28.65	3.81	109.16
10766	CER	STR	NW	SW	12	19N	66E	39.15				
27378	Cert.	U/G	NW	SW	12	19N	66E	28.65				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
4042	CER	STR	SW	SW	12	19N	66E	40	GW supplemental	2.20	3.81	8.38
10766	CER	STR	SW	SW	12	19N	66E	39.2				
V02305	DEC	STR	SW	SW	12	19N	66E	13.8				
27378	Cert.	U/G	SW	SW	12	19N	66E	2.20				
10766	CER	STR	NE	NE	14	19N	66E	28.7	GW supplemental	18.47	3.81	70.37
V02305	DEC	STR	NE	NE	14	19N	66E	23.4				
27378	Cert.	U/G	NE	NE	14	19N	66E	18.37				
4041	CER	STR	NW	NE	14	19N	66E	40	GW supplemental	25.71	3.81	97.96
10766	CER	STR	NW	NE	14	19N	66E	26.97				
V02305	DEC	STR	NW	NE	14	19N	66E	25.3				
27378	Cert.	U/G	NW	NE	14	19N	66E	25.71				
V00789	VST	STR	NE	SW	25	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	NE	SW	25	19N	66E	40.00				
V00789	VST	STR	NW	SW	25	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	NW	SW	25	19N	66E	40.00				
V00789	VST	STR	SE	SW	25	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	SE	SW	25	19N	66E	40.00				
V00789	VST	STR	SW	SW	25	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	SW	SW	25	19N	66E	40.00				
V00789	VST	STR	NE	SE	26	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	NE	SE	26	19N	66E	40.00				
V00789	VST	STR	SE	SE	26	19N	66E	40	Permit 56051 can be 100 % non-supplemental See Bassett Decree	0.00	0.0	0.00
56051	Permit	U/G	SE	SE	26	19N	66E	40.00				
19435	CER	RES	SE	SE	13	20N	66E	38.2	28.9 acre of Permit 71840 supplemental to 19435 and 19436. Remainder can be non-supplemental. Supplemental amount listed is first occurrence of spreadsheet.	28.90	4.0	115.60
19436	CER	RES	SE	SE	13	20N	66E	38.2				
71840	Permit	U/G	SE	SE	13	20N	66E	40.00				
19435	CER	RES	NE	NE	24	20N	66E	23.3	28.9 acre of Permit 71840 supplemental to 19435 and 19436. Remainder can be non-supplemental. Supplemental amount listed is first occurrence of spreadsheet.	0.00	0.0	0.00
19436	CER	RES	NE	NE	24	20N	66E	23.3				
71840	Permit	U/G	NE	NE	24	20N	66E	40.00				
19435	CER	RES	SE	NE	24	20N	66E	0.9	28.9 acre of Permit 71840 supplemental to 19435 and 19436. Remainder can be non-supplemental. Supplemental amount listed is first occurrence of spreadsheet.	0.00	0.0	0.00
19436	CER	RES	SE	NE	24	20N	66E	0.9				
71840	Permit	U/G	SE	NE	24	20N	66E	40.00				
V02860	VST	SPR	NE	NE	13	12N	67E	13.63	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	13.63	4.0	54.52
V02861	VST	SPR	NE	NE	13	12N	67E	13.63				
63532	Permit	U/G	NE	NE	13	12N	67E	40.00				
63533	Permit	U/G	NE	NE	13	12N	67E	40.00				
71525	Permit	U/G	NE	NE	13	12N	67E	19.31				
71526	Permit	U/G	NE	NE	13	12N	67E	19.31				
71603	Permit	U/G	NE	NE	13	12N	67E	19.31				
74274	Permit	U/G	NE	NE	13	12N	67E	19.31				
4418	CER	STR	NW	NE	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	35.11	4.0	140.44
V02860	VST	SPR	NW	NE	13	12N	67E	40				
V02861	VST	SPR	NW	NE	13	12N	67E	40				
63532	Permit	U/G	NW	NE	13	12N	67E	40.00				
63533	Permit	U/G	NW	NE	13	12N	67E	40.00				
71525	Permit	U/G	NW	NE	13	12N	67E	35.11				
71526	Permit	U/G	NW	NE	13	12N	67E	35.11				
71603	Permit	U/G	NW	NE	13	12N	67E	35.11				
74274	Permit	U/G	NW	NE	13	12N	67E	35.11				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
V02860	VST	SPR	SE	NE	13	12N	67E	12.39	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Portion of Permits 71525, 71526, 71603, and 74274 supplemental to surface water	12.39	4.0	49.56
V02861	VST	SPR	SE	NE	13	12N	67E	12.39				
63532	Permit	U/G	SE	NE	13	12N	67E	40.00				
63533	Permit	U/G	SE	NE	13	12N	67E	40.00				
71525	Permit	U/G	SE	NE	13	12N	67E	21.28				
71526	Permit	U/G	SE	NE	13	12N	67E	21.28				
71603	Permit	U/G	SE	NE	13	12N	67E	21.28				
74274	Permit	U/G	SE	NE	13	12N	67E	21.28				
4418	CER	STR	SW	NE	13	12N	67E	35.2	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	31.79	4.0	127.16
V02860	VST	SPR	SW	NE	13	12N	67E	37.93				
V02861	VST	SPR	SW	NE	13	12N	67E	37.93				
63532	Permit	U/G	SW	NE	13	12N	67E	40.00				
63533	Permit	U/G	SW	NE	13	12N	67E	40.00				
71525	Permit	U/G	SW	NE	13	12N	67E	31.78				
71526	Permit	U/G	SW	NE	13	12N	67E	31.78				
71603	Permit	U/G	SW	NE	13	12N	67E	31.78				
74274	Permit	U/G	SW	NE	13	12N	67E	31.78				
V02860	VST	SPR	SE	NW	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	40.00	4.0	160.00
V02861	VST	SPR	SE	NW	13	12N	67E	40				
63532	Permit	U/G	SE	NW	13	12N	67E	40.00				
63533	Permit	U/G	SE	NW	13	12N	67E	40.00				
71525	Permit	U/G	SE	NW	13	12N	67E	42.36				
71526	Permit	U/G	SE	NW	13	12N	67E	42.36				
71603	Permit	U/G	SE	NW	13	12N	67E	42.36				
74274	Permit	U/G	SE	NW	13	12N	67E	42.36				
813	CER	STR	NE	SE	13	12N	67E	20	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	20.00	4.0	80.00
4418	CER	STR	NE	SE	13	12N	67E	14.5				
V02860	VST	SPR	NE	SE	13	12N	67E	2.07				
V02861	VST	SPR	NE	SE	13	12N	67E	2.07				
63532	Permit	U/G	NE	SE	13	12N	67E	40.00				
63533	Permit	U/G	NE	SE	13	12N	67E	40.00				
71525	Permit	U/G	NE	SE	13	12N	67E	22.54				
71526	Permit	U/G	NE	SE	13	12N	67E	22.54				
71603	Permit	U/G	NE	SE	13	12N	67E	22.54				
74274	Permit	U/G	NE	SE	13	12N	67E	22.54				
4418	CER	STR	NW	SE	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	38.03	4.0	152.12
V02860	VST	SPR	NW	SE	13	12N	67E	40				
V02861	VST	SPR	NW	SE	13	12N	67E	40				
63532	Permit	U/G	NW	SE	13	12N	67E	40.00				
63533	Permit	U/G	NW	SE	13	12N	67E	40.00				
71525	Permit	U/G	NW	SE	13	12N	67E	38.03				
71526	Permit	U/G	NW	SE	13	12N	67E	38.03				
71603	Permit	U/G	NW	SE	13	12N	67E	38.03				
74274	Permit	U/G	NW	SE	13	12N	67E	38.03				
25678	CER	STR	SE	SE	13	12N	67E	39	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	39.00	4.0	156.00
34704	PER	STR	SE	SE	13	12N	67E	40				
25679	Cert.	U/G	SE	SE	13	12N	67E	39.00				
25680	Cert.	U/G	SE	SE	13	12N	67E	39.00				
4418	CER	STR	SW	SE	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits			
V02860	VST	SPR	SW	SE	13	12N	67E	40				
V02861	VST	SPR	SW	SE	13	12N	67E	40				
63532	Permit	U/G	SW	SE	13	12N	67E	40.00				
63533	Permit	U/G	SW	SE	13	12N	67E	40.00				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre- Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
71525	Permit	U/G	SW	SE	13	12N	67E	32.35	71525, 71526, 71603, and 74274 supplemental to surface water	32.35	4.0	129.40
71526	Permit	U/G	SW	SE	13	12N	67E	32.35				
71603	Permit	U/G	SW	SE	13	12N	67E	32.35				
74274	Permit	U/G	SW	SE	13	12N	67E	32.35				
4418	CER	STR	NE	SW	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	39.84	4.0	159.36
V02860	VST	SPR	NE	SW	13	12N	67E	40				
V02861	VST	SPR	NE	SW	13	12N	67E	40				
63532	Permit	U/G	NE	SW	13	12N	67E	40.00				
63533	Permit	U/G	NE	SW	13	12N	67E	40.00				
71525	Permit	U/G	NE	SW	13	12N	67E	39.84				
71526	Permit	U/G	NE	SW	13	12N	67E	39.84				
71603	Permit	U/G	NE	SW	13	12N	67E	39.84				
74274	Permit	U/G	NE	SW	13	12N	67E	39.84				
4418	CER	STR	NW	SW	13	12N	67E	40				
V02860	VST	SPR	NW	SW	13	12N	67E	32.3				
V02861	VST	SPR	NW	SW	13	12N	67E	3.39				
63532	Permit	U/G	NW	SW	13	12N	67E	40.00				
63533	Permit	U/G	NW	SW	13	12N	67E	40.00				
4418	CER	STR	SE	SW	13	12N	67E	40	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	23.45	4.0	93.80
V02860	VST	SPR	SE	SW	13	12N	67E	16.02				
V02861	VST	SPR	SE	SW	13	12N	67E	4.83				
63532	Permit	U/G	SE	SW	13	12N	67E	40.00				
63533	Permit	U/G	SE	SW	13	12N	67E	40.00				
71525	Permit	U/G	SE	SW	13	12N	67E	23.45				
71526	Permit	U/G	SE	SW	13	12N	67E	23.45				
71603	Permit	U/G	SE	SW	13	12N	67E	23.45				
74274	Permit	U/G	SE	SW	13	12N	67E	23.45				
V02860	VST	SPR	SW	SW	13	12N	67E	19.09				
V02861	VST	SPR	SW	SW	13	12N	67E	19.09				
63532	Permit	U/G	SW	SW	13	12N	67E	40.00				
63533	Permit	U/G	SW	SW	13	12N	67E	40.00				
71525	Permit	U/G	SW	SW	13	12N	67E	27.71				
71526	Permit	U/G	SW	SW	13	12N	67E	27.71				
71603	Permit	U/G	SW	SW	13	12N	67E	27.71				
74274	Permit	U/G	SW	SW	13	12N	67E	27.71				
25678	CER	STR	NE	NE	24	12N	67E	37.05	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	37.05	4.0	148.20
34704	PER	STR	NE	NE	24	12N	67E	40				
25679	Cert.	U/G	NE	NE	24	12N	67E	37.05				
25680	Cert.	U/G	NE	NE	24	12N	67E	37.05				
25678	CER	STR	SE	NE	24	12N	67E	21.09	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	21.09	4.0	84.36
34704	PER	STR	SE	NE	24	12N	67E	40				
25679	Cert.	U/G	SE	NE	24	12N	67E	21.09				
25680	Cert.	U/G	SE	NE	24	12N	67E	21.09				
30319	Cert.	U/G	SE	NE	24	12N	67E	18.18				
25678	CER	STR	SW	NE	24	12N	67E	14.25	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	14.25	4.0	57.00
34704	PER	STR	SW	NE	24	12N	67E	40				
25679	Cert.	U/G	SW	NE	24	12N	67E	14.25				
25680	Cert.	U/G	SW	NE	24	12N	67E	14.25				
30319	Cert.	U/G	SW	NE	24	12N	67E	24.24				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
V02860	VST	SPR	NE	NW	24	12N	67E	1.82	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water	1.82	4.0	7.28
V02861	VST	SPR	NE	NW	24	12N	67E	1.82				
63532	Permit	U/G	NE	NW	24	12N	67E	40.00				
63533	Permit	U/G	NE	NW	24	12N	67E	40.00				
71525	Permit	U/G	NE	NW	24	12N	67E	8.91				
71526	Permit	U/G	NE	NW	24	12N	67E	8.91				
71603	Permit	U/G	NE	NW	24	12N	67E	8.91				
74274	Permit	U/G	NE	NW	24	12N	67E	8.91				
V02860	VST	SPR	NW	NW	24	12N	67E	38.74	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water [mapped to app.. 26.67 acre]	26.67	4.0	106.68
V02861	VST	SPR	NW	NW	24	12N	67E	38.74				
63532	Permit	U/G	NW	NW	24	12N	67E	40.00				
63533	Permit	U/G	NW	NW	24	12N	67E	40.00				
71525	Permit	U/G	NW	NW	24	12N	67E	27.65				
71526	Permit	U/G	NW	NW	24	12N	67E	27.65				
71603	Permit	U/G	NW	NW	24	12N	67E	27.65				
74274	Permit	U/G	NW	NW	24	12N	67E	27.65				
V02860	VST	SPR	SW	NW	24	12N	67E	36.76	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water [mapped to app.. 27.35 acre]	27.35	4.0	109.40
V02861	VST	SPR	SW	NW	24	12N	67E	36.76				
63532	Permit	U/G	SW	NW	24	12N	67E	40.00				
63533	Permit	U/G	SW	NW	24	12N	67E	40.00				
71525	Permit	U/G	SW	NW	24	12N	67E	30.95				
71526	Permit	U/G	SW	NW	24	12N	67E	30.95				
71603	Permit	U/G	SW	NW	24	12N	67E	30.95				
74274	Permit	U/G	SW	NW	24	12N	67E	30.95				
25678	CER	STR	NE	SE	24	12N	67E	18.81	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	18.81	4.0	75.24
34704	PER	STR	NE	SE	24	12N	67E	40				
25679	Cert.	U/G	NE	SE	24	12N	67E	18.81				
25680	Cert.	U/G	NE	SE	24	12N	67E	18.81				
30319	Cert.	U/G	NE	SE	24	12N	67E	18.64				
25678	CER	STR	NW	SE	24	12N	67E	27.36	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis. Groundwater is supplemental to 25678	27.36	4.0	109.44
34704	PER	STR	NW	SE	24	12N	67E	40				
25679	Cert.	U/G	NW	SE	24	12N	67E	27.36				
25680	Cert.	U/G	NW	SE	24	12N	67E	27.36				
30319	Cert.	U/G	NW	SE	24	12N	67E	30.01				
34704	PER	STR	SW	SE	24	12N	67E	40	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis.	0.00	0.0	0.00
30319	Cert.	U/G	SW	SE	24	12N	67E	13.64				
V02860	VST	SPR	NW	SW	24	12N	67E	9.83	Permit 63532 and 63533 can be placed within place of use and not be supplemental to surface Water. Permits 71525, 71526, 71603, and 74274 supplemental to surface water [mapped to app. 5.9 acre]	5.90	4.0	23.60
V02861	VST	SPR	NW	SW	24	12N	67E	9.83				
63532	Permit	U/G	NW	SW	24	12N	67E	40.00				
63533	Permit	U/G	NW	SW	24	12N	67E	40.00				
71525	Permit	U/G	NW	SW	24	12N	67E	29.20				
71526	Permit	U/G	NW	SW	24	12N	67E	29.20				
71603	Permit	U/G	NW	SW	24	12N	67E	29.20				
74274	Permit	U/G	NW	SW	24	12N	67E	29.20				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre- Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
34704	PER	STR	SE	SW	24	12N	67E	40	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis.	0.00	0.0	0.00
18525	Cert.	U/G	SE	SW	24	12N	67E	8.43				
30319	Cert.	U/G	SE	SW	24	12N	67E	40.00				
34704	PER	STR	SW	SW	24	12N	67E	40	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis.	0.00	0.0	0.00
18525	Cert.	U/G	SW	SW	24	12N	67E	6.03				
30319	Cert.	U/G	SW	SW	24	12N	67E	40.00				
34704	PER	STR	NW	NW	25	12N	67E	40	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis.	0.00	0.0	0.00
30319	Cert.	U/G	NW	NW	25	12N	67E	19.86				
34704	PER	STR	NE	NE	26	12N	67E	40	Groundwater is same place of use as Per 34704. Per 34704 is for "Flood Water" and therefore groundwater rights will not be considered supplemental for this analysis.	0.00	0.0	0.00
18524	Cert.	U/G	NE	NE	26	12N	67E	5.28				
30319	Cert.	U/G	NE	NE	26	12N	67E	7.13				
50772	CER	STR	NW	SW	15	13N	67E	37.17	Combined Permit terms for Permit 78107 limited the total combined duty of surface water [920, 15812, 17163, 22545, 29162, and 50772] and groundwater [20817, 26228, 26229, 26546, 26952, 26953, 34727, and 78107] to 3,430.81 acre feet. Groundwater combined duty per table 5-6 is 2,534.7 acre feet. Surface water combined duty is 2,110.28 [per NDWR files]. Supplemental Groundwater to Surface water = combined duty surface water + combined duty groundwater - combined duty total = 1,214.17 AF	303.543	4.0	1214.17
78107	Permit	U/G	NW	SW	15	13N	67E	40.00				
50772	CER	STR	SE	SW	15	13N	67E	16.69	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
26229	Cert.	U/G	SE	SW	15	13N	67E	16.69				
26546	Cert.	U/G	SE	SW	15	13N	67E	16.69				
34727	Cert.	U/G	SE	SW	15	13N	67E	15.45				
78107	Permit	U/G	SE	SW	15	13N	67E	40.00				
50772	CER	STR	SW	SW	15	13N	67E	34.6	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
26229	Cert.	U/G	SW	SW	15	13N	67E	22.73				
26546	Cert.	U/G	SW	SW	15	13N	67E	22.73				
34727	Cert.	U/G	SW	SW	15	13N	67E	21.49				
78107	Permit	U/G	SW	SW	15	13N	67E	40.00				
29162	CER	STR	NE	SE	16	13N	67E	39.83	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
50772	CER	STR	NE	SE	16	13N	67E	39.83				
26228	Cert.	U/G	NE	SE	16	13N	67E	39.83				
26952	Cert.	U/G	NE	SE	16	13N	67E	39.83				
26953	Cert.	U/G	NE	SE	16	13N	67E	39.83				
78107	Permit	U/G	NE	SE	16	13N	67E	40.00				
29162	CER	STR	NW	SE	16	13N	67E	12.4	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
50772	CER	STR	NW	SE	16	13N	67E	12.4				
26228	Cert.	U/G	NW	SE	16	13N	67E	12.40				
26952	Cert.	U/G	NW	SE	16	13N	67E	12.40				
26953	Cert.	U/G	NW	SE	16	13N	67E	12.40				
78107	Permit	U/G	NW	SE	16	13N	67E	40.00				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
29162	CER	STR	SE	SE	16	13N	67E	6.28	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
50772	CER	STR	SE	SE	16	13N	67E	36.17				
26228	Cert.	U/G	SE	SE	16	13N	67E	6.28				
26952	Cert.	U/G	SE	SE	16	13N	67E	6.28				
26953	Cert.	U/G	SE	SE	16	13N	67E	6.28				
78107	Permit	U/G	SE	SE	16	13N	67E	40.00				
29162	CER	STR	SW	SE	16	13N	67E	1.24	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
50772	CER	STR	SW	SE	16	13N	67E	11.33				
26228	Cert.	U/G	SW	SE	16	13N	67E	1.24				
26952	Cert.	U/G	SW	SE	16	13N	67E	1.24				
26953	Cert.	U/G	SW	SE	16	13N	67E	1.24				
78107	Permit	U/G	SW	SE	16	13N	67E	40.00				
920	CER	STR	NW	NE	22	13N	67E	0.69	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
34727	Cert.	U/G	NW	NE	22	13N	67E	0.65				
78107	Permit	U/G	NW	NE	22	13N	67E	40.00				
920	CER	STR	SW	NE	22	13N	67E	8.48	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
26502	Cert.	U/G	SW	NE	22	13N	67E	7.35				
34727	Cert.	U/G	SW	NE	22	13N	67E	1.60				
78107	Permit	U/G	SW	NE	22	13N	67E	40.00				
920	CER	STR	NE	NW	22	13N	67E	6.34	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
22545	CER	STR	NE	NW	22	13N	67E	40				
29162	CER	STR	NE	NW	22	13N	67E	40				
34727	Cert.	U/G	NE	NW	22	13N	67E	41.36				
78107	Permit	U/G	NE	NW	22	13N	67E	40.00				
920	CER	STR	NW	NW	22	13N	67E	3.96	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
22545	CER	STR	NW	NW	22	13N	67E	40				
29162	CER	STR	NW	NW	22	13N	67E	40				
34727	Cert.	U/G	NW	NW	22	13N	67E	41.90				
78107	Permit	U/G	NW	NW	22	13N	67E	40.00				
920	CER	STR	SE	NW	22	13N	67E	40.36	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
17163	CER	STR	SE	NW	22	13N	67E	40				
22545	CER	STR	SE	NW	22	13N	67E	40				
29162	CER	STR	SE	NW	22	13N	67E	40				
34727	Cert.	U/G	SE	NW	22	13N	67E	36.80				
78107	Permit	U/G	SE	NW	22	13N	67E	40.00				
920	CER	STR	SW	NW	22	13N	67E	23.01	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
17163	CER	STR	SW	NW	22	13N	67E	40				
22545	CER	STR	SW	NW	22	13N	67E	40				
29162	CER	STR	SW	NW	22	13N	67E	40				
34727	Cert.	U/G	SW	NW	22	13N	67E	41.94				
78107	Permit	U/G	SW	NW	22	13N	67E	40.00				
920	CER	STR	NW	SE	22	13N	67E	8.27	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
78107	Permit	U/G	NW	SE	22	13N	67E	40.00	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
920	CER	STR	SW	SE	22	13N	67E	7.92	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
78107	Permit	U/G	SW	SE	22	13N	67E	40.00	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
920	CER	STR	NE	SW	22	13N	67E	36.65	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
15812	CER	STR	NE	SW	22	13N	67E	40				
78107	Permit	U/G	NE	SW	22	13N	67E	40.00				
920	CER	STR	NW	SW	22	13N	67E	16.28	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
15812	CER	STR	NW	SW	22	13N	67E	40				
78107	Permit	U/G	NW	SW	22	13N	67E	40.00				
920	CER	STR	SE	SW	22	13N	67E	18.9	Supplemental Amount listed in first occurrence of 78707	0.00	0.0	0.00
920	CER	STR	SE	SW	22	13N	67E	10.47				
15812	CER	STR	SE	SW	22	13N	67E	40				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre- Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
78107	Permit	U/G	SE	SW	22	13N	67E	40.00		0.00	0.0	0.00
15812	CER	STR	SW	SW	22	13N	67E	40	Supplemental Amount listed in first occurrence of 78707			
78107	Permit	U/G	SW	SW	22	13N	67E	40.00		0.00	0.0	0.00
2005	CER	STR	NW	NE	35	13N	67E	40	Groundwater Supplemental			
27739	CER	STR	NW	NE	35	13N	67E	33.9				
27740	CER	STR	NW	NE	35	13N	67E	33.9				
27741	CER	STR	NW	NE	35	13N	67E	33.9				
27742	CER	STR	NW	NE	35	13N	67E	33.9				
27901	CER	STR	NW	NE	35	13N	67E	33.9				
28790	CER	SPR	NW	NE	35	13N	67E	33.9				
V02851	VST	SPR	NW	NE	35	13N	67E	9.7				
V02852	VST	SPR	NW	NE	35	13N	67E	20.9				
V02853	VST	SPR	NW	NE	35	13N	67E	20.9				
V02854	VST	SPR	NW	NE	35	13N	67E	20.9				
V02855	VST	SPR	NW	NE	35	13N	67E	20.9				
38972	Cert.	U/G	NW	NE	35	13N	67E	34.09		34.09	4.0	136.36
V02851	VST	SPR	NE	NW	35	13N	67E	40	Groundwater Supplemental			
V02852	VST	SPR	NE	NW	35	13N	67E	40				
V02853	VST	SPR	NE	NW	35	13N	67E	40				
V02854	VST	SPR	NE	NW	35	13N	67E	40				
V02855	VST	SPR	NE	NW	35	13N	67E	40				
6834	CER	STR	NE	NW	35	13N	67E	35.8				
27739	CER	STR	NE	NW	35	13N	67E	36.8				
27740	CER	STR	NE	NW	35	13N	67E	36.8				
27741	CER	STR	NE	NW	35	13N	67E	36.8				
27742	CER	STR	NE	NW	35	13N	67E	36.8				
27901	CER	STR	NE	NW	35	13N	67E	36.8				
28790	CER	SPR	NE	NW	35	13N	67E	36.8				
38972	Cert.	U/G	NE	NW	35	13N	67E	37.87		37.87	4.0	151.48
V02851	VST	SPR	NW	NW	35	13N	67E	40	Groundwater Supplemental			
V02852	VST	SPR	NW	NW	35	13N	67E	40				
V02853	VST	SPR	NW	NW	35	13N	67E	40				
V02854	VST	SPR	NW	NW	35	13N	67E	40				
V02855	VST	SPR	NW	NW	35	13N	67E	40				
6834	CER	STR	NW	NW	35	13N	67E	21.6				
27739	CER	STR	NW	NW	35	13N	67E	40				
27740	CER	STR	NW	NW	35	13N	67E	40				
27741	CER	STR	NW	NW	35	13N	67E	40				
27742	CER	STR	NW	NW	35	13N	67E	40				
27901	CER	STR	NW	NW	35	13N	67E	40				
28790	CER	SPR	NW	NW	35	13N	67E	40				
38972	Cert.	U/G	NW	NW	35	13N	67E	40.30		40.00	4.0	160.00
V02851	VST	SPR	SE	NW	35	13N	67E	17.7	Groundwater Supplemental			
V02852	VST	SPR	SE	NW	35	13N	67E	17.7				
V02853	VST	SPR	SE	NW	35	13N	67E	17.7				
V02854	VST	SPR	SE	NW	35	13N	67E	17.7				
V02855	VST	SPR	SE	NW	35	13N	67E	17.7				
6834	CER	STR	SE	NW	35	13N	67E	13.4				
27739	CER	STR	SE	NW	35	13N	67E	37.75				
27740	CER	STR	SE	NW	35	13N	67E	37.75				
27741	CER	STR	SE	NW	35	13N	67E	37.75				
27742	CER	STR	SE	NW	35	13N	67E	37.75				
27901	CER	STR	SE	NW	35	13N	67E	37.75				
28790	CER	SPR	SE	NW	35	13N	67E	37.75				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre- Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
38972	Cert.	U/G	SE	NW	35	13N	67E	39.48		37.75	4.0	151.00
V02851	VST	SPR	SW	NW	35	13N	67E	25	Groundwater Supplemental			
V02852	VST	SPR	SW	NW	35	13N	67E	25				
V02853	VST	SPR	SW	NW	35	13N	67E	25				
V02854	VST	SPR	SW	NW	35	13N	67E	25				
V02855	VST	SPR	SW	NW	35	13N	67E	25				
V00714	VST	STR		NW	35	13N	67E	20.00				
6834	CER	STR	SW	NW	35	13N	67E	26.5				
27739	CER	STR	SW	NW	35	13N	67E	40				
27740	CER	STR	SW	NW	35	13N	67E	40				
27741	CER	STR	SW	NW	35	13N	67E	40				
27742	CER	STR	SW	NW	35	13N	67E	40				
27901	CER	STR	SW	NW	35	13N	67E	40				
28790	CER	SPR	SW	NW	35	13N	67E	40				
38972	Cert.	U/G	SW	NW	35	13N	67E	40.38		40.00	4.0	160.00
V00790	VST	STR		NE	18	16N	67E	240 (por.)	Permit 54204 and 54205 100 % supplemental to surface water per Permit Terms. Total Supplemental amount listed in first occurrence in this spreadsheet			
V02817	VST	SPR		NE	18	16N	67E	160				
V02818	VST	SPR		NE	18	16N	67E	160				
V02819	VST	SPR		NE	18	16N	67E	160				
V02820	VST	SPR		NE	18	16N	67E	160				
V02821	VST	SPR		NE	18	16N	67E	160				
V02822	VST	SPR		NE	18	16N	67E	160				
V02823	VST	SPR		NE	18	16N	67E	160				
V02824	VST	SPR		NE	18	16N	67E	160				
V02825	VST	SPR		NE	18	16N	67E	160				
V02826	VST	SPR		NE	18	16N	67E	160				
V02827	VST	SPR		NE	18	16N	67E	160				
V02828	VST	SPR		NE	18	16N	67E	160				
V00790	VST	STR	E2	NW	18	16N	67E	240 (por.)				
V00790	VST	STR	W2	NW	18	16N	67E	60				
V00790	VST	STR	W2	NW	18	16N	67E	5				
V02817	VST	SPR	NE	SE	18	16N	67E	40				
V02818	VST	SPR	NE	SE	18	16N	67E	40				
V02819	VST	SPR	NE	SE	18	16N	67E	40				
V02820	VST	SPR	NE	SE	18	16N	67E	40				
V02821	VST	SPR	NE	SE	18	16N	67E	40				
V02822	VST	SPR	NE	SE	18	16N	67E	40				
V02823	VST	SPR	NE	SE	18	16N	67E	40				
V02824	VST	SPR	NE	SE	18	16N	67E	40				
V02825	VST	SPR	NE	SE	18	16N	67E	40				
V02826	VST	SPR	NE	SE	18	16N	67E	40				
V02827	VST	SPR	NE	SE	18	16N	67E	40				
V02828	VST	SPR	NE	SE	18	16N	67E	40				
V00790	VST	STR		SE	18	16N	67E	246.7 (por.)				
V00790	VST	STR		SW	18	16N	67E	246.7 (por.)				
V01217	VST	STR			18	16N	67E	640.00				
54204	Permit	U/G	NE	NE	18	16N	67E	40.00				
54205	Permit	U/G	NE	NE	18	16N	67E	40.00				
54204	Permit	U/G	NW	NE	18	16N	67E	40.00				
54205	Permit	U/G	NW	NE	18	16N	67E	40.00				
54204	Permit	U/G	SE	NE	18	16N	67E	40.00				
54205	Permit	U/G	SE	NE	18	16N	67E	40.00				
54204	Permit	U/G	SW	NE	18	16N	67E	40.00				

Black = Groundwater  
Blue = Surface Water

Spring Valley: Places of Use of Permitted, Certificated, Vested Claim and Decreed Groundwater and Surface Water Rights

Place of Use									Notes	Acres	Duty	Acre-Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng	Acres				
54205	Permit	U/G	SW	NE	18	16N	67E	40.00				
54204	Permit	U/G	NE	NW	18	16N	67E	40.00				
54205	Permit	U/G	NE	NW	18	16N	67E	40.00				
54204	Permit	U/G	NW	NW	18	16N	67E	40.00				
54205	Permit	U/G	NW	NW	18	16N	67E	40.00				
54204	Permit	U/G	SE	NW	18	16N	67E	40.00				
54205	Permit	U/G	SE	NW	18	16N	67E	40.00				
54204	Permit	U/G	SW	NW	18	16N	67E	40.00				
54205	Permit	U/G	SW	NW	18	16N	67E	40.00				
54204	Permit	U/G	NE	SE	18	16N	67E	40.00				
54205	Permit	U/G	NE	SE	18	16N	67E	40.00				
54204	Permit	U/G	NW	SE	18	16N	67E	40.00				
54205	Permit	U/G	NW	SE	18	16N	67E	40.00				
54204	Permit	U/G	SE	SE	18	16N	67E	40.00				
54205	Permit	U/G	SE	SE	18	16N	67E	40.00				
54204	Permit	U/G	SW	SE	18	16N	67E	40.00				
54205	Permit	U/G	SW	SE	18	16N	67E	40.00				
54204	Permit	U/G	NE	SW	18	16N	67E	40.00				
54205	Permit	U/G	NE	SW	18	16N	67E	40.00				
54204	Permit	U/G	NW	SW	18	16N	67E	40.00				
54205	Permit	U/G	NW	SW	18	16N	67E	40.00				
54204	Permit	U/G	SE	SW	18	16N	67E	40.00				
54205	Permit	U/G	SE	SW	18	16N	67E	40.00				
54204	Permit	U/G	SW	SW	18	16N	67E	40.00				
54205	Permit	U/G	SW	SW	18	16N	67E	40.00		0.00	0.0	0.00
V00790	VST	STR	SE	NE	19	16N	67E	63.6 (por.)				
V00790	VST	STR	NE	NW	19	16N	67E	96.2 (por.)				
2852	CER	STR	NE	SE	19	16N	67E	37.90				
V00790	VST	STR	NE	SE	19	16N	67E	68.5 (por.)				
2852	CER	STR	NW	SE	19	16N	67E	2.29				
2852	CER	STR	SE	SE	19	16N	67E	1.00				
V00790	VST	STR	SW	NE	19	16N	67E	63.6 (por.)				
2852	CER	STR		NE	19	16N	67E	102.50				
2852	CER	STR	NE	NW	19	16N	67E	0.17				
V00790	VST	STR	N2	NE	19	16N	67E	96.2 (por.)	Permit 54204 and 54205 100 % supplemental to surface water per Permit Terms. Total Supplemental amount listed in first occurrence in this spreadsheet			
2852	CER	STR	SE	SE	19	16N	67E	28.70				
V00790	VST	STR	SE	SE	19	16N	67E	68.5 (por.)				
V01217	VST	STR			19	16N	67E	por.				
54204	Permit	U/G	NE	NE	19	16N	67E	40.00				
54205	Permit	U/G	NE	NE	19	16N	67E	40.00				
54204	Permit	U/G	NW	NE	19	16N	67E	40.00				
54205	Permit	U/G	NW	NE	19	16N	67E	40.00				
54204	Permit	U/G	SW	NE	19	16N	67E	40.00				
54205	Permit	U/G	SW	NE	19	16N	67E	40.00				
54204	Permit	U/G	NE	NW	19	16N	67E	40.00				
54205	Permit	U/G	NE	NW	19	16N	67E	40.00		0.00	0.0	230.36
5923	CER	STR	NE	NE	31	18N	68E	2.4				
5923	CER	STR	NW	NE	31	18N	68E	7.4				
5923	CER	STR	SE	NE	31	18N	68E	13.15				
5923	CER	STR	SW	NE	31	18N	68E	30.45				
V01648	VST	STR		NE	31	18N	68E	6				
56050	Cert.	U/G	SE	NE	31	18N	68E	5.53				

Black = Groundwater  
Blue = Surface Water

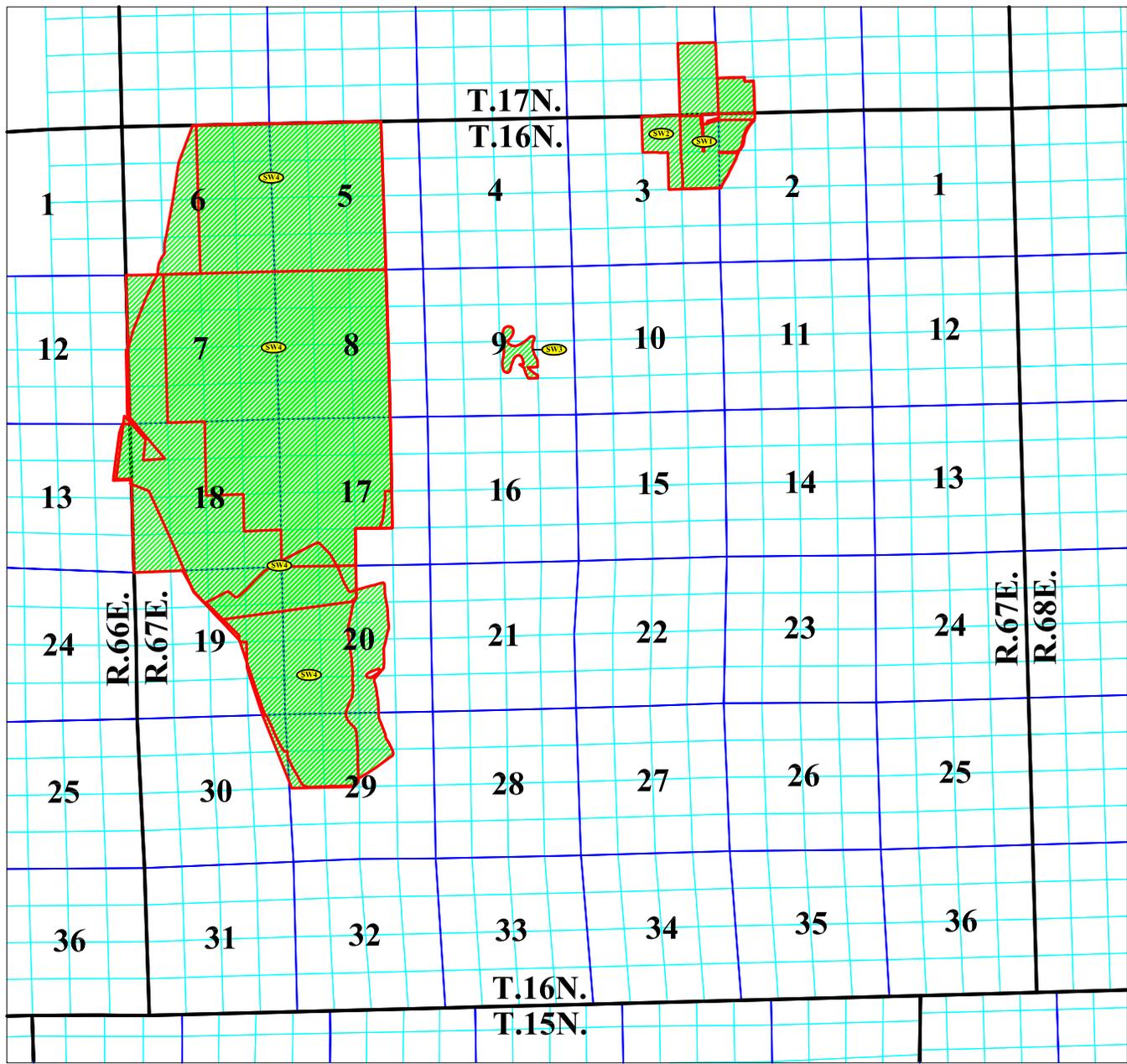
Spring Valley: Places of Use of Permitted, Certificated, Vested Claim  
and Decreed Groundwater and Surface Water Rights

Place of Use								Acres	Notes	Acres	Duty	Acre- Feet
App	Status	Source	QQ	Q	Sec	Twn	Rng					
56050	Cert.	U/G	SW	NE	31	18N	68E	30.18		57.59	4.0	0.00
5923	CER	STR	NW	SE	31	18N	68E	20.56	Supplemental Amount listed in first occurrence of 56050			
56050	Cert.	U/G	NW	SE	31	18N	68E	24.29		0.00	0.0	
Subtotal										694.10	3.0	2082.30
Subtotal										329.340	3.81	1254.78
Subtotal										1653.343	4.0	6613.37
Total										2676.783		9950.45

Black = Groundwater  
Blue = Surface Water

**Appendix 57**

**Surface Water Place of Use Township 16N,  
Range 66E; Portion of Township 16N,  
Range 67E, MDBM**



# Index Key

## Surfacewater

ID NO	Application No.	Status	Notes
SW-1	8393 and 10487	Certificates	
SW-2	10487	Certificate	
SW-3	3203	Certificate	
SW-4	2852 V00790, V02817, V02818, V02819, V02820, V02821, V02822, V02823, V02824, V02825, V02826, V02827, V02828, V01217, and V01218	Certificate Vested Claims Vested Claims Vested Claims Vested Claims Vested Claims Vested Claims Vested Claims	SW-4 is a combination of Certificate 2852 and Vested Claims V00790, V02817-V02827, V01217, and V01218.

# Legend

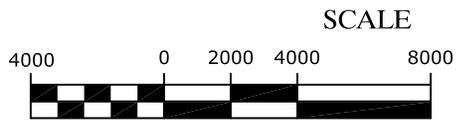
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Surfacewater Place of Use
- Surfacewater Reference Label

14 Section Number

# Notes

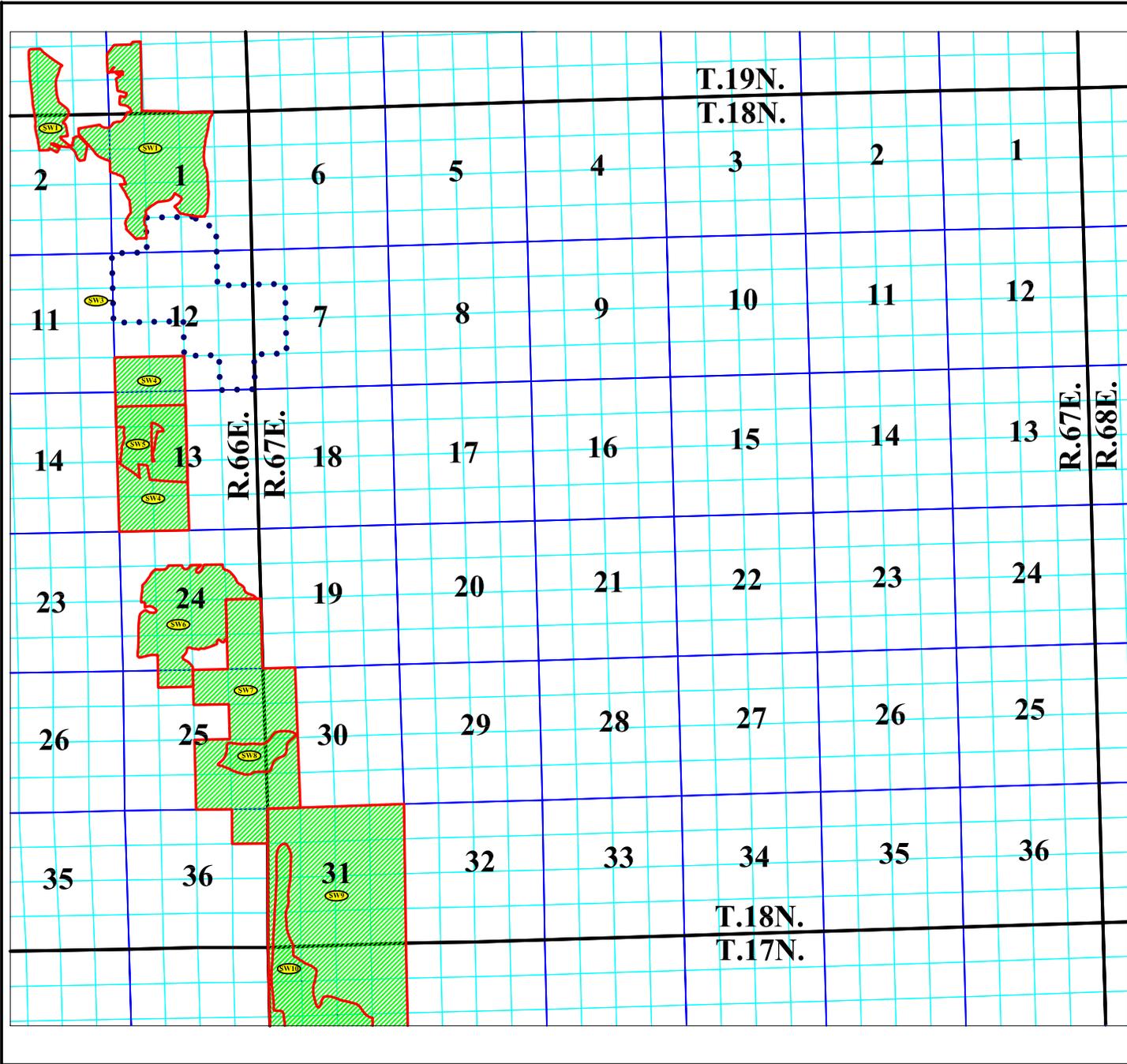
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Surfacewater Places of Use**  
**Township 16 North, Range 67 East;**  
**Portion of Township 16 North, Range 66 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 58**

**Surface Water Place of Use Township 18N,  
Range 66E; Portion of Township 18N,  
Range 67E, MDBM**



# Index Key

### Surfacewater

ID NO	Application No.	Status	Notes
SW-1	V01219	Vested	
SW-2	V00789	Vested	Water Right Not Mapped. See Bassett Decree
SW-3	55363, 55364, and 55365	Permits	
SW-4	V01213	Vested	
SW-5	13457 and V01213	Certificate and Vested	
SW-6	V02804	Decreed	
SW-7	V01214	Vested	
SW-8	28818 and V01214	Certificate and Vested	
SW-9	V00791	Vested	
SW-10	V00791 and V01215	Vested	

# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights
- Approximate Place of Overlapping Use

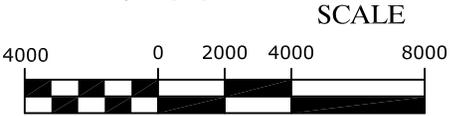
Surfacewater Place of Use

Surfacewater Reference Label

14 Section Number

# Notes

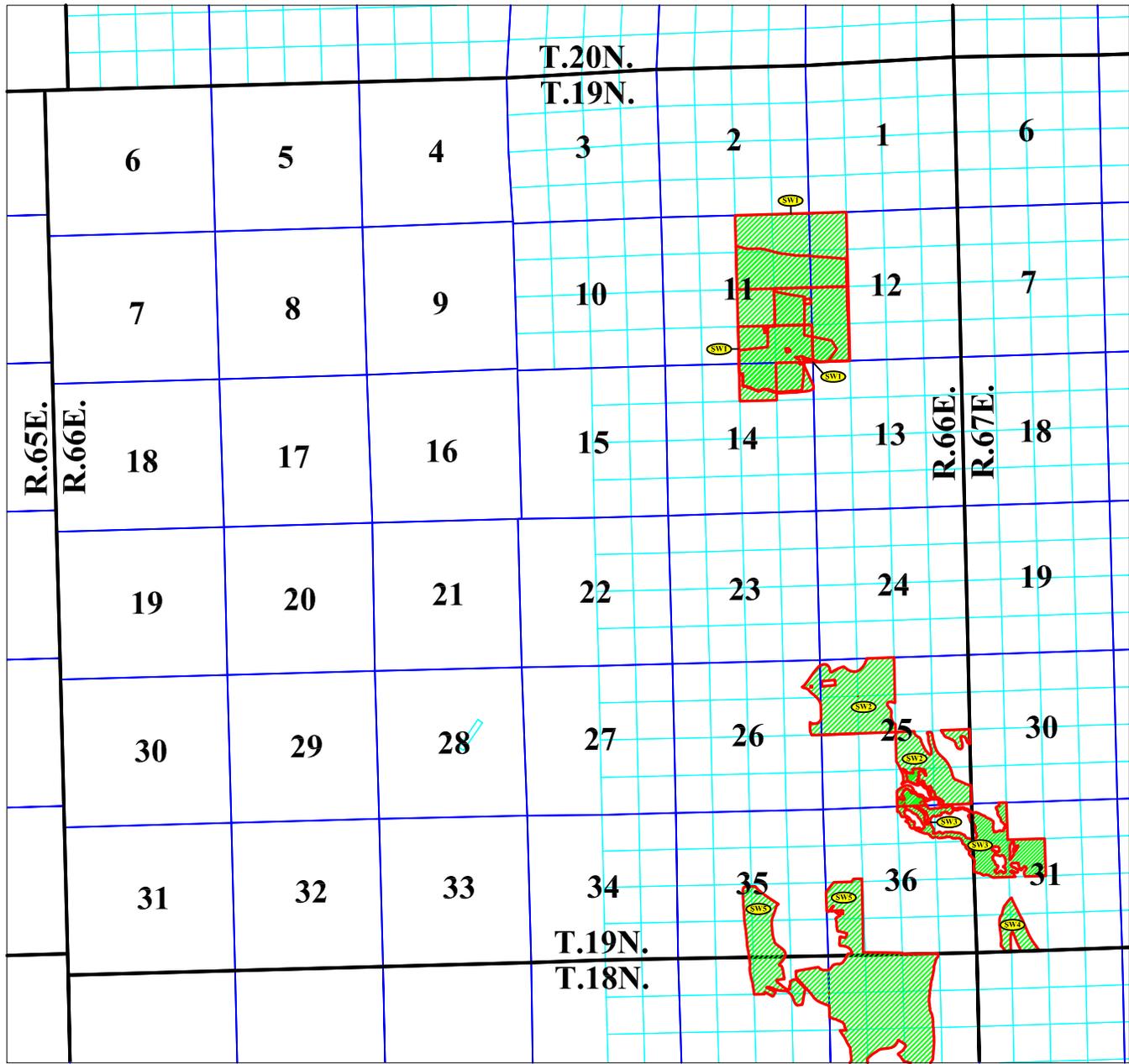
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Surfacewater Places of Use**  
 Township 18 North, Range 67 East;  
 Portion of Township 18 North, Range 66 East;  
 Mount Diablo Baseline and Meridian

**Appendix 59**

**Surface Water Place of Use Township 19N,  
Range 66E; Portion of Township 19N,  
Range 67E, MDBM**



# Index Key

## Surfacewater

ID NO	Application No.	Status	Notes
SW-1	4041, 4042, 4043 10766, and V02305	Certificates Certificate & Decreed	SW-1 is a combination of Certificates 4041, 4042, 4043, and 10766, as well as Vested Claim V02305
SW-2	V02805	Decreed	
SW-3	20895	Certificate	
SW-4	10843	Certificate	
SW-5	V01219	Vested	
SW-6	V00789	Vested	Water Right Not Mapped. See Basset Decree

# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use



Surfacewater  
Place of Use



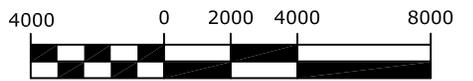
Surfacewater  
Reference Label

14 Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

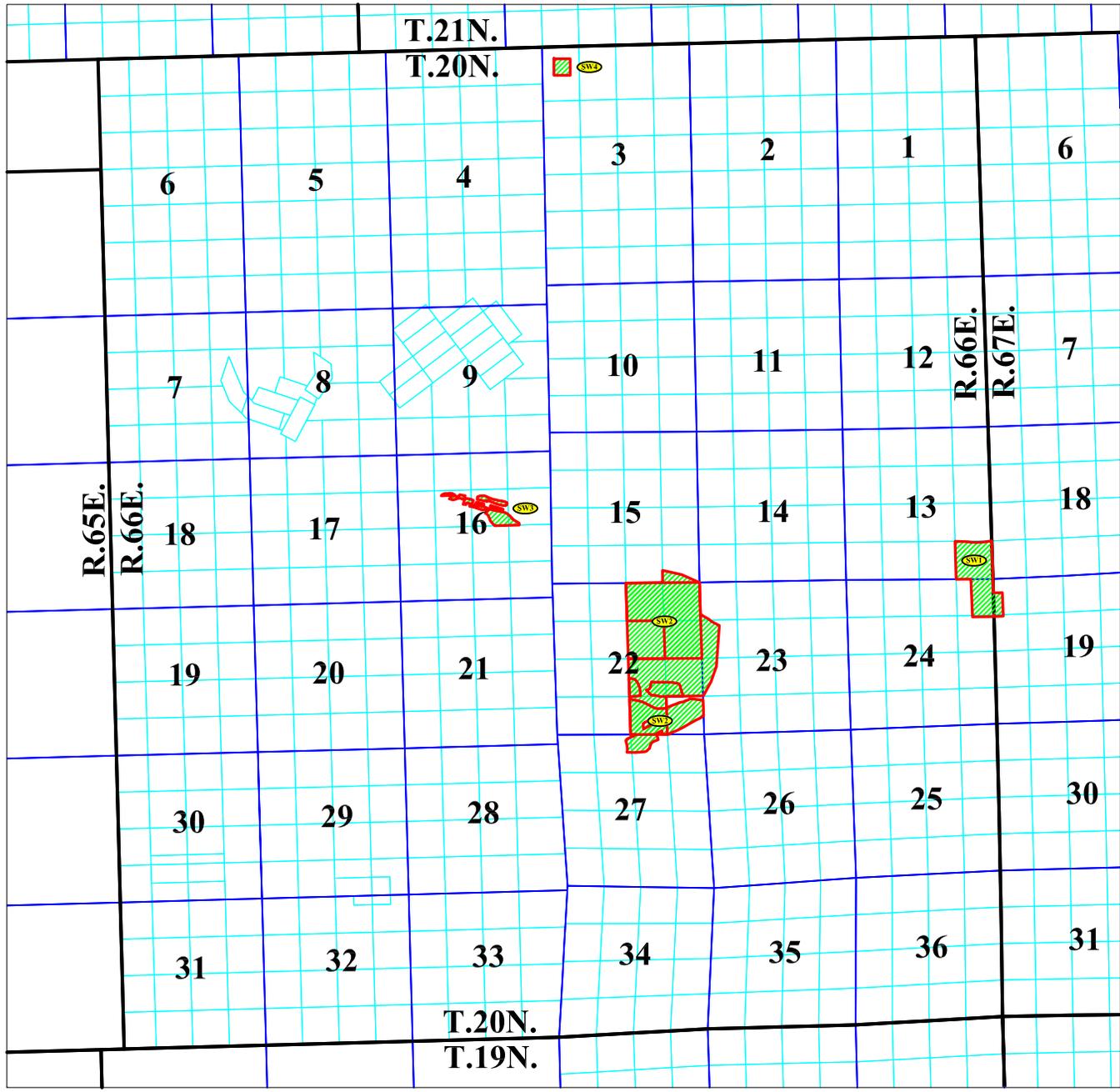
## SCALE



**Surfacewater Places of Use**  
**Township 19 North, Range 66 East;**  
**Portion of Township 19 North, Range 67 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 60**

**Surface Water Place of Use Township 20N,  
Range 66E; Portion of Township 20N,  
Range 67E, MDBM**



# Index Key

Groundwater			
ID NO	Application No.	Status	Notes
SW-1	19435 and 19436	Certificates	Exact place of use unknown. PBU map not on file.
SW-2	5247 V01969 and V02332	Permit Vested	SW-2 is a combination of Permit 5247 and Vested Claims V01969 and V02332.  Exact place of use of V01969 unknown. PBU map not on file.
SW-3	V02286	Vested	
SW-4	1520	Certificate	Exact place of use unknown. PBU map not on file.

# Legend

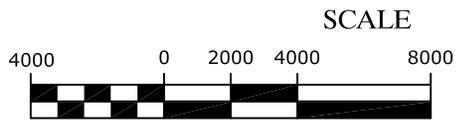
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Surfacewater Place of Use
- Surfacewater Reference Label

14 Section Number

# Notes

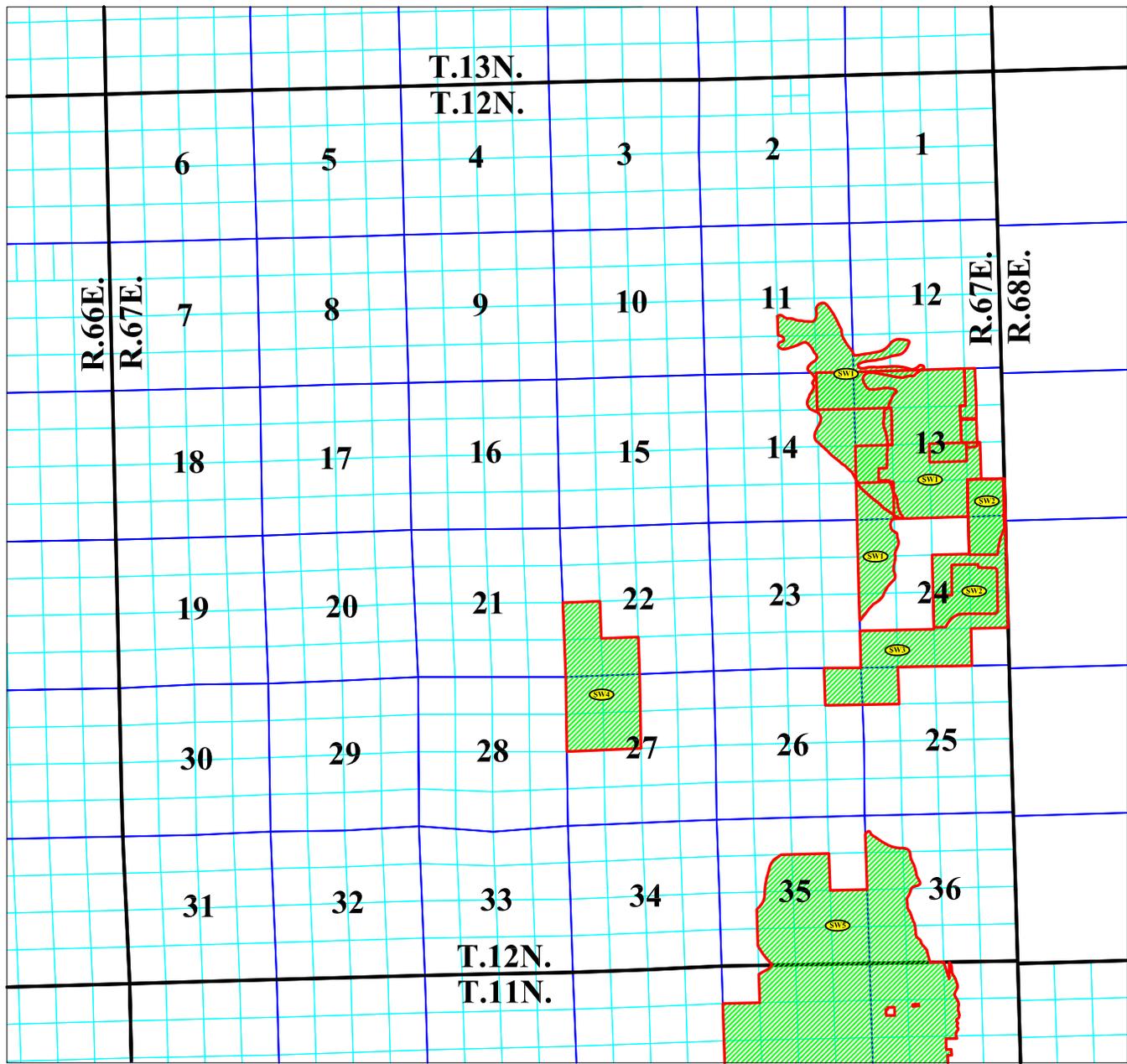
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater Places of Use**  
 Township 20 North, Range 66 East;  
 Portion of Township 20 North, Range 67 East;  
 Mount Diablo Baseline and Meridian

**Appendix 61**

**Surface Water Place of Use Township 12N,  
Range 67E, MDBM**



# Index Key

## Surfacewater

ID NO	Application No.	Status	Notes
SW-1	813, 4418, V02860, V02861, and V01026	Certificates Vested Claims Vested Claim	SW-1 is a combination of Certificates 813 and 4418, as well as Vested Claims V02860, V02861, and V01026
SW-2	25678 34704	Certificate Permit	SW-2 is a combination of Certificates 23678 and 34704
SW-3	34704	Permit	
SW-4	811	Certificate	
SW-5	27743	Certificate	

# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights
- Approximate Place of Overlapping Use

Surfacewater Place of Use

Surfacewater Reference Label

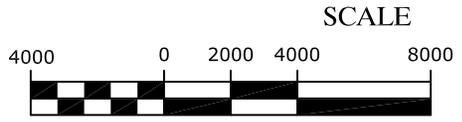
**14** Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

Exact place of use of Certificate 4418 in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  and NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 13 is unknown. Mapped per certificate. Beneficial use map not on file.

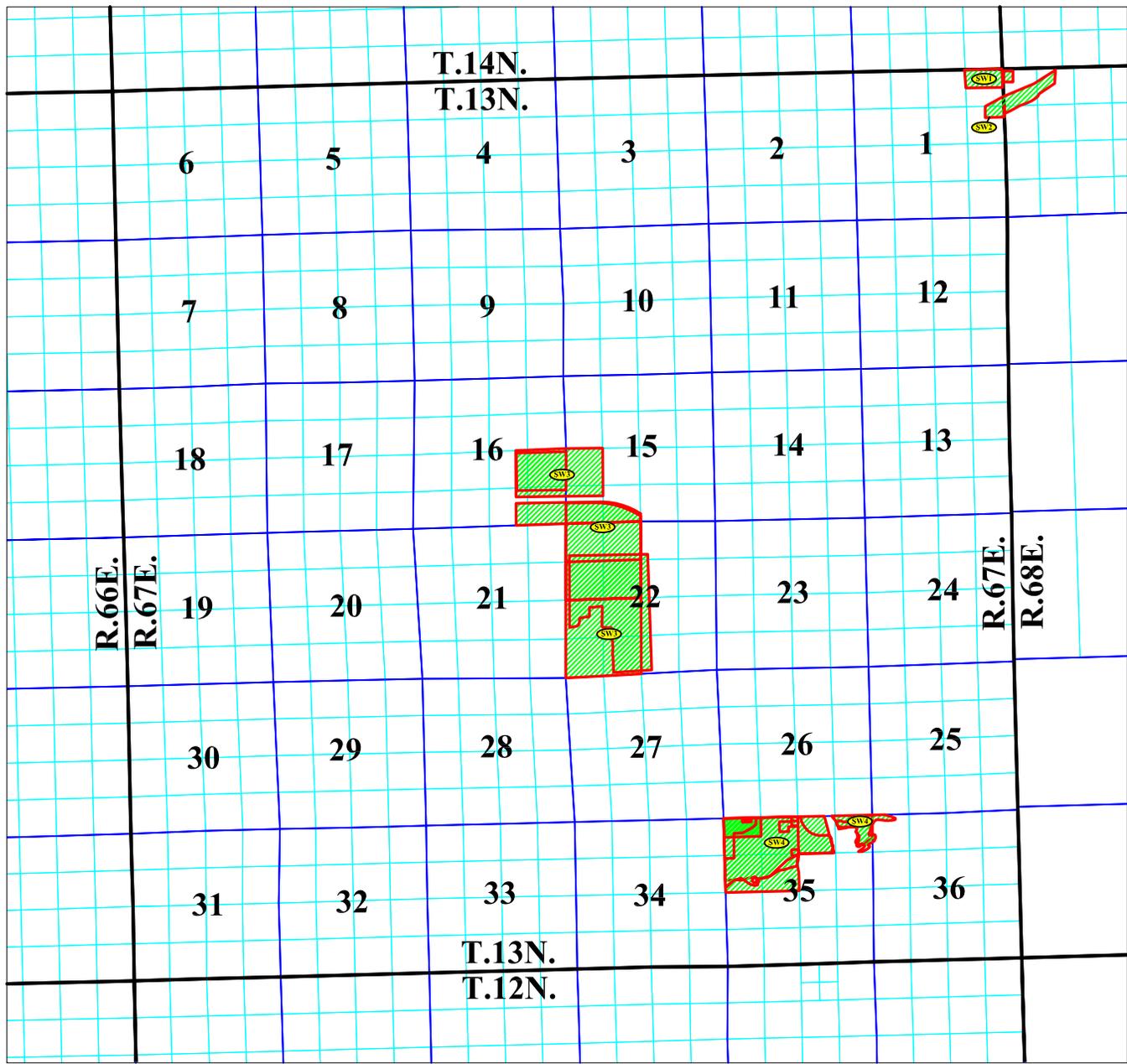
Exact place of use of Certificate 813 is unknown. Mapped per certificate. Beneficial use map not on file.



Surfacewater Places of Use  
Township 12 North, Range 67 East;  
Mount Diablo Baseline and Meridian

**Appendix 62**

**Surface Water Place of Use Township 13N,  
Range 67E, MDBM**



# Index Key

## Surfacewater

ID NO	Application No.	Status	Notes
SW-1	1052	Certificate	Exact place of use unknown. Map not of file.
SW-2	17017	Certificate	
SW-3	920, 15812, 17163, 22545, 29612, and 50772	Certificates Certificate Certificate	SW-3 is a combination of Certificates 920, 15812, 17163, 22545, 29612 and 50772
SW-4	2005, 6834, 27739, 27740, 27741, 27742, 27901, 28790, V02851, V02852, V02853, V02854, V02855, and V00714	Certificates Certificates Certificates Vested Claims Vested Claims Vested Claims	SW-4 is a combination of Certificates 2005, 6834, 27739, 27740, 27741, 27742, 27901, and 28790, as well as Vested Claims V02851, V02852, V02853, V02854, V02855, and V00714  Vested Claim V00714 not mapped. Exact place of use unknown. Map not on file. Vested Claim states place of use as 20.0 acres within NW $\frac{1}{4}$ of Section 35, T.13N., R.67E.

# Legend

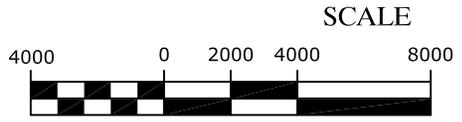
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use

- Surfacewater Place of Use
- Surfacewater Reference Label

**14** Section Number

# Notes

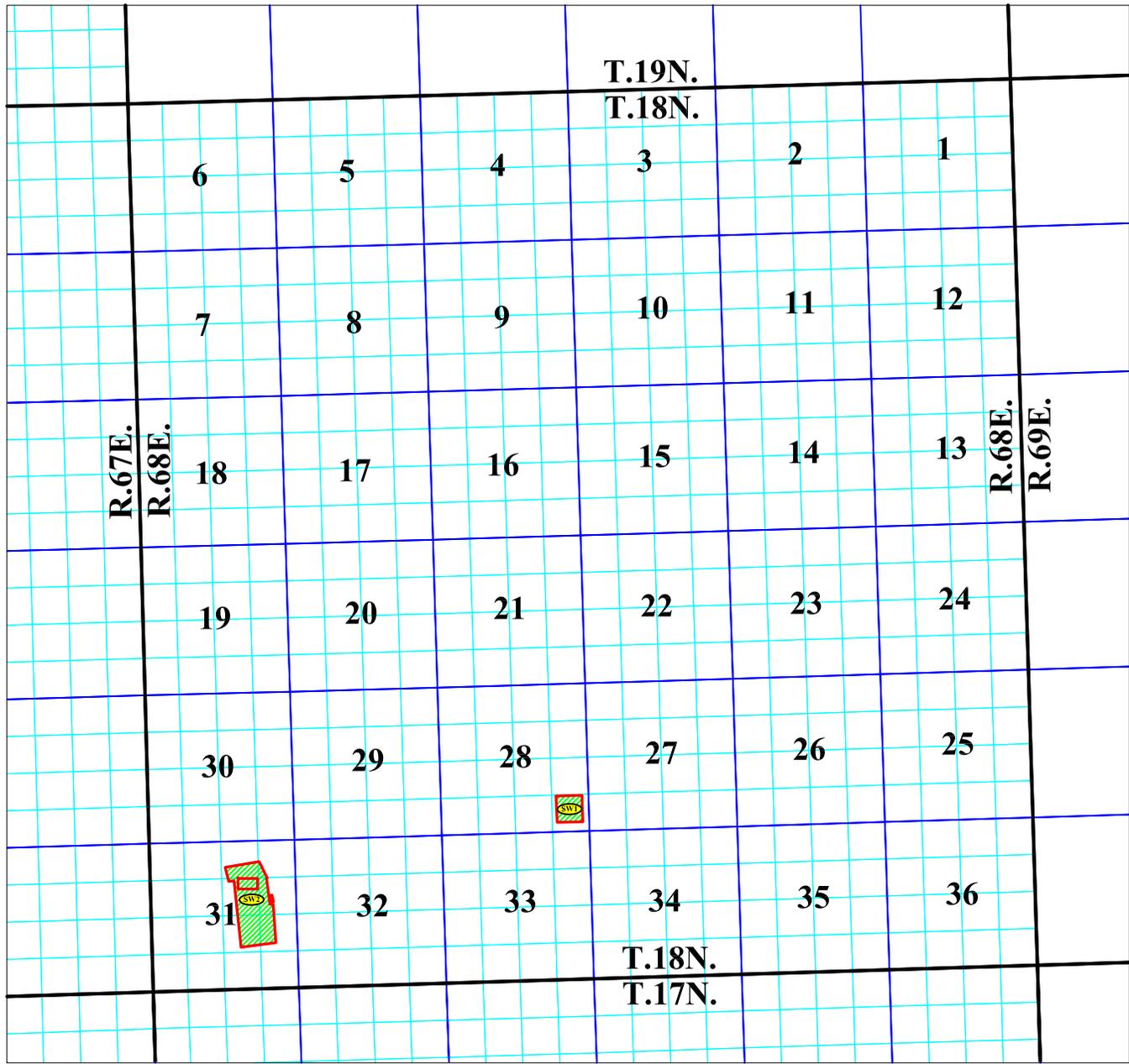
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Surfacewater Places of Use**  
**Township 13 North, Range 67 East;**  
**Mount Diablo Baseline and Meridian**

**Appendix 63**

**Surface Water Place of Use Township 18N,  
Range 68E, MDBM**



# Index Key

Surfacewater			
ID NO	Application No.	Status	Notes
SW-1	V01648	Vested	Exact place of use of vested claim V01648 unknown. No Map on File.
SW-2	5923 and V01648	Certificate and Vested	Exact place of use of vested claim V01648 unknown. No map on file.

# Legend

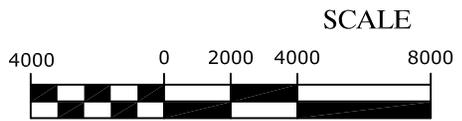
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use



14 Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

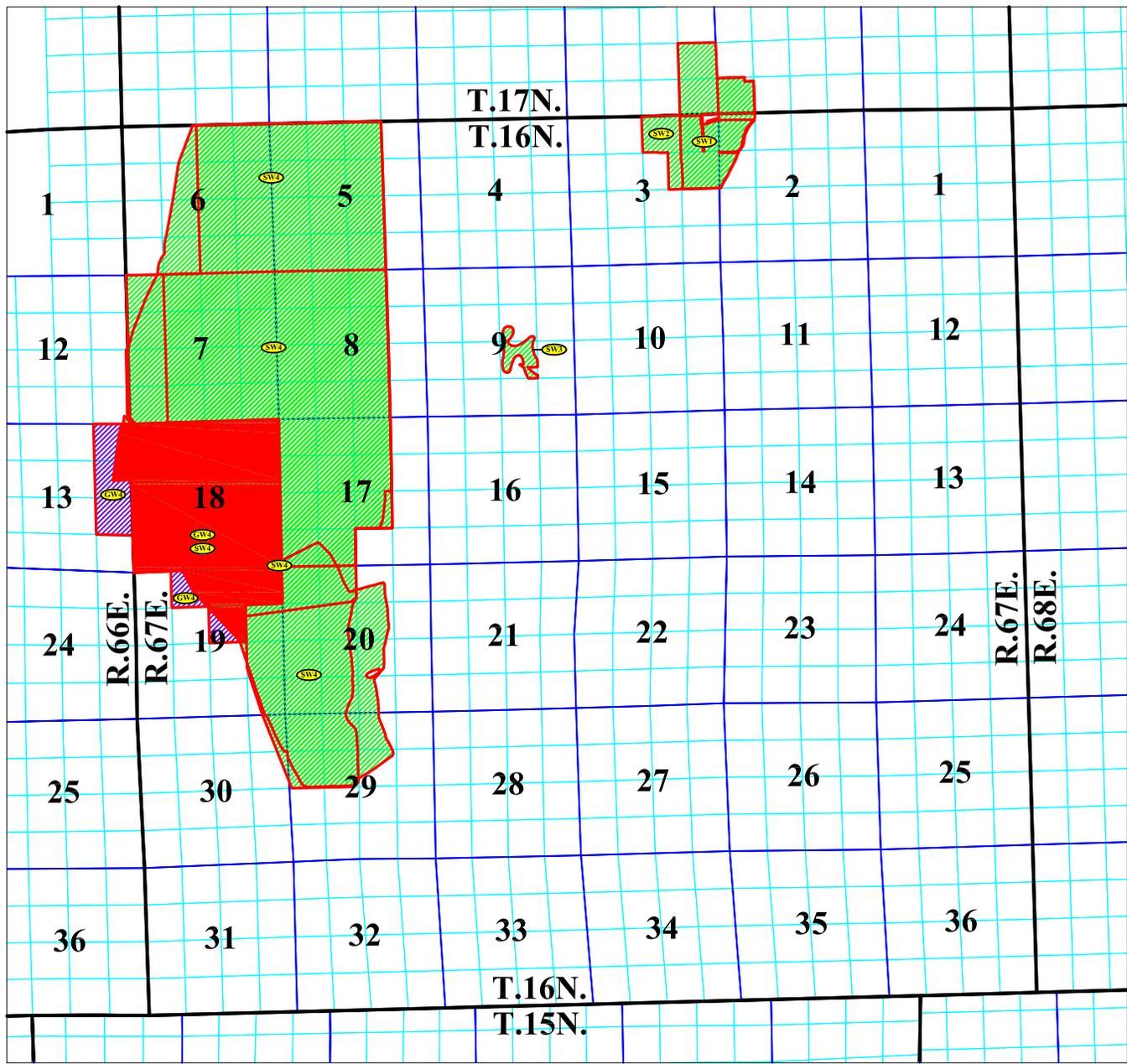


Surfacewater Places of Use  
 Township 18 North, Range 68 East;  
 Mount Diablo Baseline and Meridian



**Appendix 64**

**Surface Water and Groundwater Place of Use  
Township 16N, Range 67E;  
Portion of Township 16N, Range 66E, MDBM**



# Index Key

Surfacewater			Groundwater		
ID NO	Application No.	Status	ID NO	Application No.	Status
SW-1	8393 and 10487	Certificates	GW-1	54204 and 54205	Permits
SW-2	10487	Certificate			
SW-3	3203	Certificate			
SW-4	2852	Certificate			
	V00790, V02817,	Vested			
	V02818, V02819,	Vested			
	V02820, V02821,	Vested			
	V02822, V02823,	Vested			
	V02824, V02825,	Vested			
	V02826, V02827,	Vested			
	V02828, V01217,	Vested			
	and V01218	Vested			

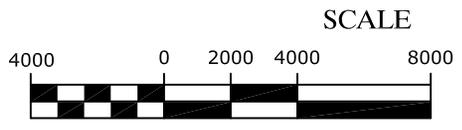
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use
- Surfacewater Place of Use
- Groundwater Place of Use
- Shared Water Place of Use
- Surfacewater Reference Label
- Groundwater Reference Label

# Notes

14 Section Number

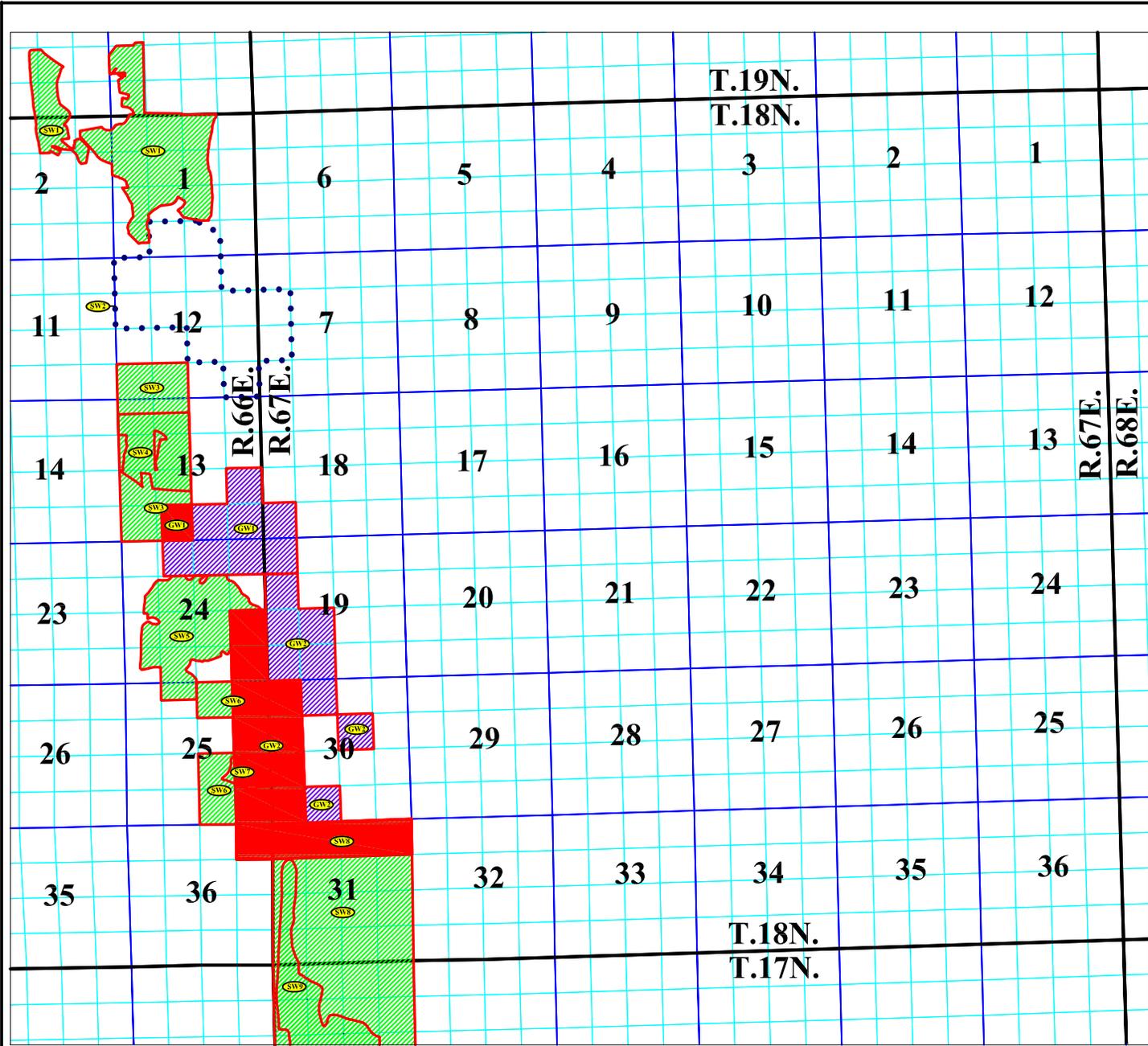
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater and Surfacewater Places of Use**  
 Township 16 North, Range 67 East;  
 Portion of Township 16 North, Range 66 East;  
 Mount Diablo Baseline and Meridian

## **Appendix 65**

**Surface Water and Groundwater Place of Use  
Township 18N, Range 67E;  
Portion of Township 18N, Range 66E, MDBM**



# Index Key

Surfacewater			Groundwater		
ID NO	Application No.	Status	ID NO	Application No.	Status
SW-1	V01219	Vested	GW-1	39817	Permit
SW-2	55363, 55364, & 55365	Permits	GW-2	39818	Permit
SW-3	V01213	Vested			
SW-4	13457 & V01213	Certificate & Vested			
SW-5	V02804	Decreed			
SW-6	V01214	Vested			
SW-7	28818 & V01214	Certificate & Vested			
SW-8	V00791	Vested			
SW-9	V00791 & V01215	Vested			

# Legend

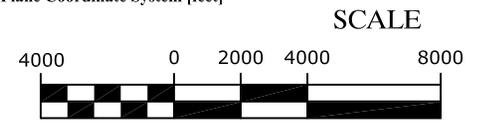
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights
- Approximate Place of Overlapping Use

14 Section Number

	Surfacewater Place of Use		Groundwater Place of Use		Shared Water Place of Use
	Surfacewater Reference Label		Groundwater Reference Label		

# Notes

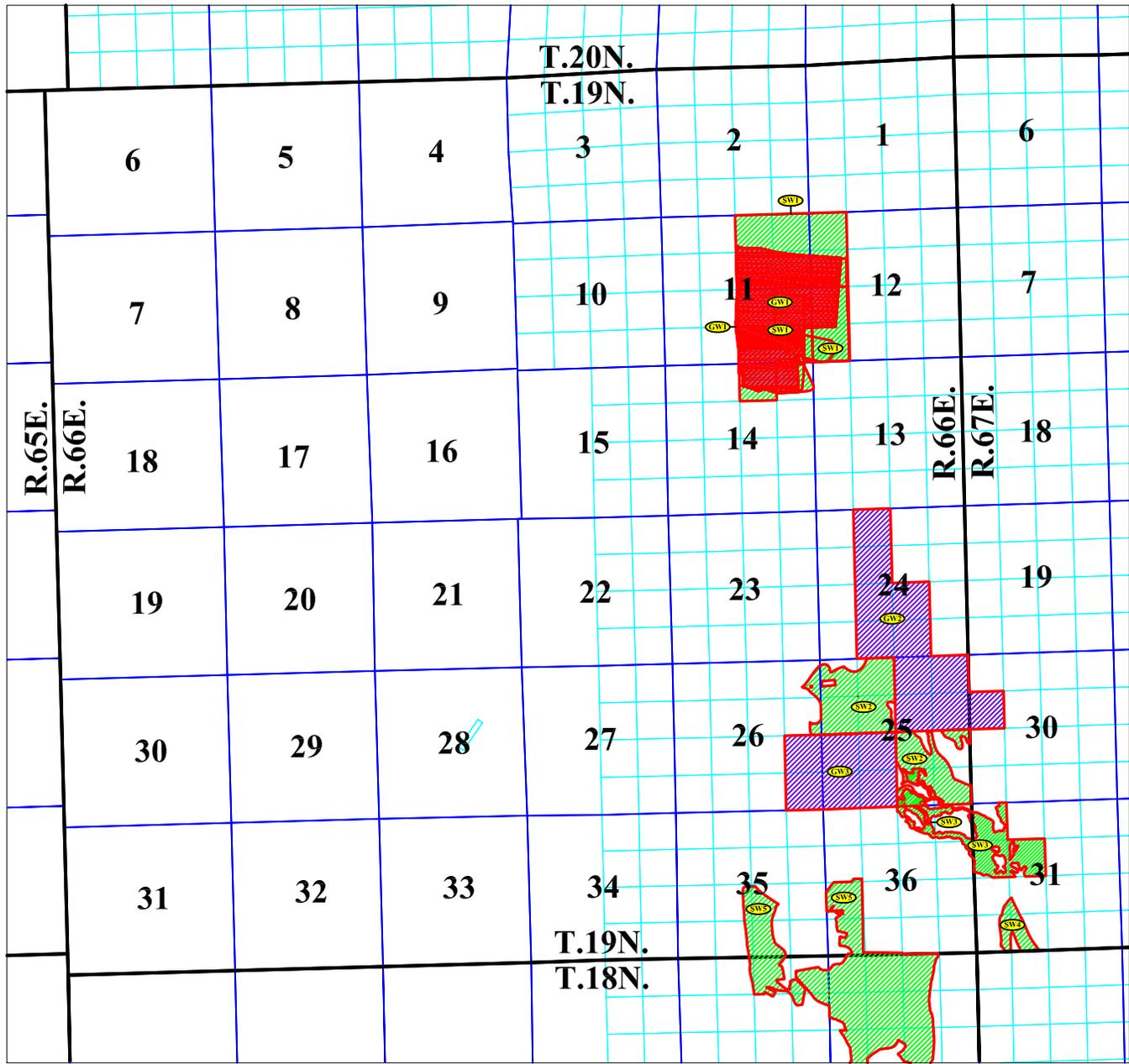
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater and Surfacewater Places of Use  
Township 18 North, Range 67 East;  
Portion of Township 18 North, Range 66 East;  
Mount Diablo Baseline and Meridian**

## **Appendix 66**

**Surface Water and Groundwater Place of Use  
Township 19N, Range 66E;  
Portion of Township 19N, Range 67E, MDBM**



# Index Key

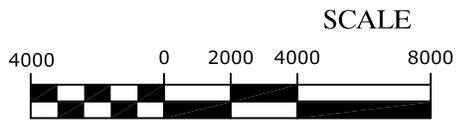
Surfacewater			Groundwater		
ID NO	Application No.	Status	ID NO	Application No.	Status
SW-1	4041, 4042, 4043, 10766, V02305	Certificates Certificates Decreed	GW-1	27378	Certificate
SW-2	V02805	Decreed	GW-2	56049	Permit
SW-3	20895	Certificate	GW-3	56051	Permit
SW-4	10843	Certificate			
SW-5	V01219	Vested			

# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Property Lines
- Approximate Place of Overlapping Use
- Surfacewater Place of Use
- Groundwater Place of Use
- Shared Water Place of Use
- Surfacewater Reference Label
- Groundwater Reference Label
- 14** Section Number

# Notes

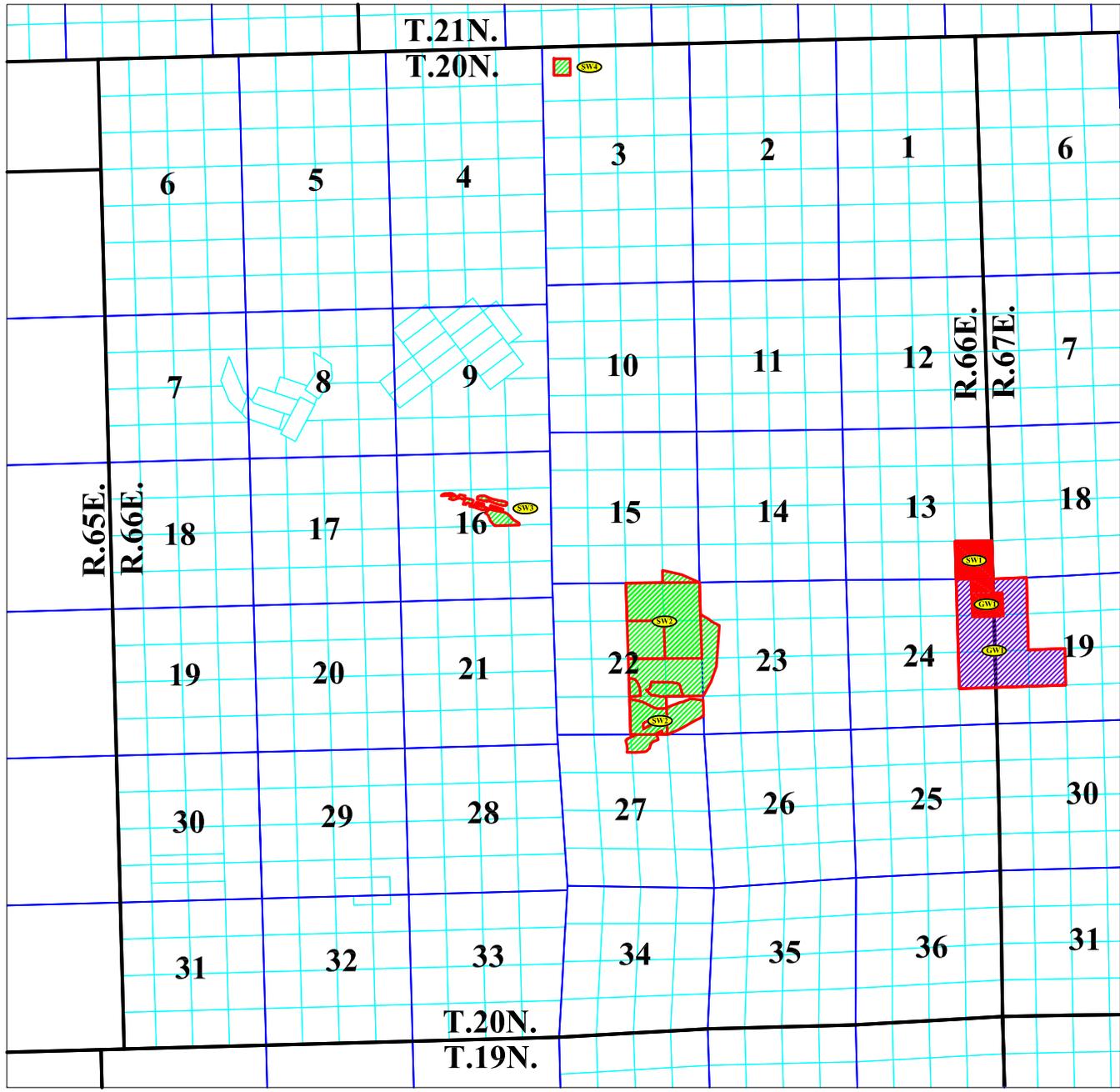
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater and Surfacewater Places of Use  
Township 19 North, Range 66 East;  
Portion of Township 19 North, Range 67 East;  
Mount Diablo Baseline and Meridian**

**Appendix 67**

**Surface Water and Groundwater Place of Use  
Township 20N, Range 66E;  
Portion of Township 20N, Range 67E, MDBM**



# Index Key

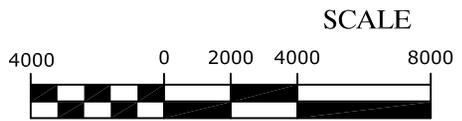
Surfacewater			Groundwater		
ID NO	Application No.	Status	ID NO	Application No.	Status
SW-1	19435 19436	Certificate Certificate	GW-1	71840	Permit
SW-2	5247 V01969 V02332	Permit Vested Vested			
SW-3	V02286	Vested			
SW-4	1520	Certificate			

# Legend

- Quarter - Quarter Subdivisions Lines
  - Section Lines
  - Township and Range Lines
  - Boundary of Place of Use of Water Rights
  - Property Lines
  - Approximate Place of Overlapping Use
- 
- Surfacewater Place of Use
  - Groundwater Place of Use
  - Shared Water Place of Use
- 
- Surfacewater Reference Label
  - Groundwater Reference Label
  - 14** Section Number

# Notes

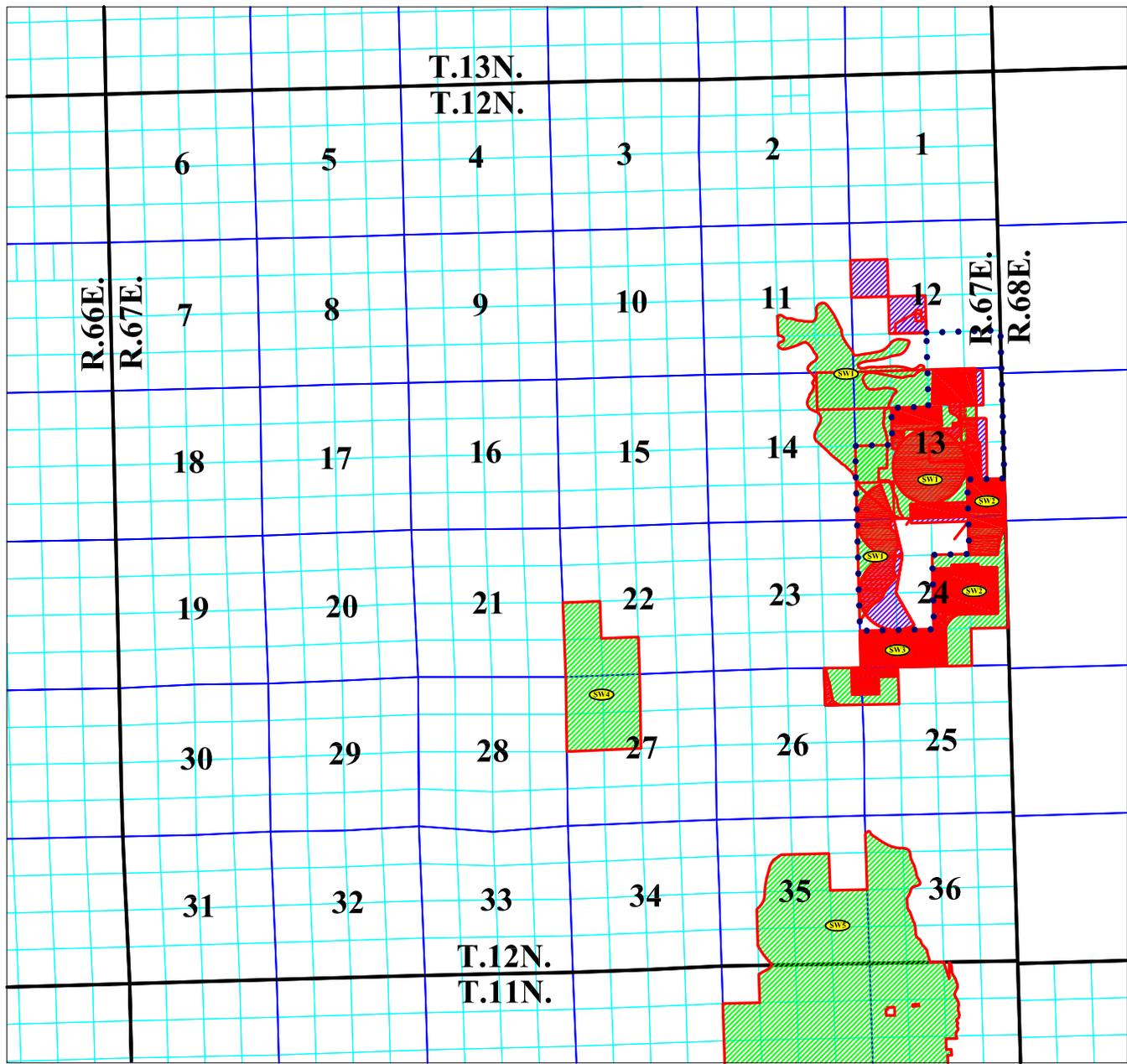
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater and Surfacewater Places of Use  
Township 20 North, Range 66 East;  
Portion of Township 20 North, Range 67 East;  
Mount Diablo Baseline and Meridian**

**Appendix 68**

**Surface Water and Groundwater Place of Use  
Township 12N, Range 67E, MDBM**



# Index Key

## Surfacewater

ID NO	Application No.	Status	Notes
SW-1	813, 4418, V02860, V02861, and V01026	Certificates Vested Claims Vested Claim	SW-1 is a combination of Certificates 813 and 4418, as well as Vested Claims V02860, V02861, and V01026
SW-2	25678 34704	Certificate Permit	SW-2 is a combination of Certificates 23678 and 34704
SW-3	34704	Permit	
SW-4	811	Certificate	
SW-5	27743	Certificate	

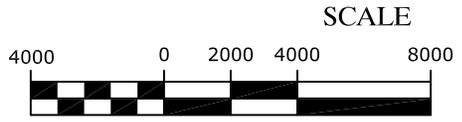
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights
- Approximate Place of Overlapping Use
- Surfacewater Place of Use
- Groundwater Place of Use
- Shared Water Place of Use
- Surfacewater Reference Label
- Section Number

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]

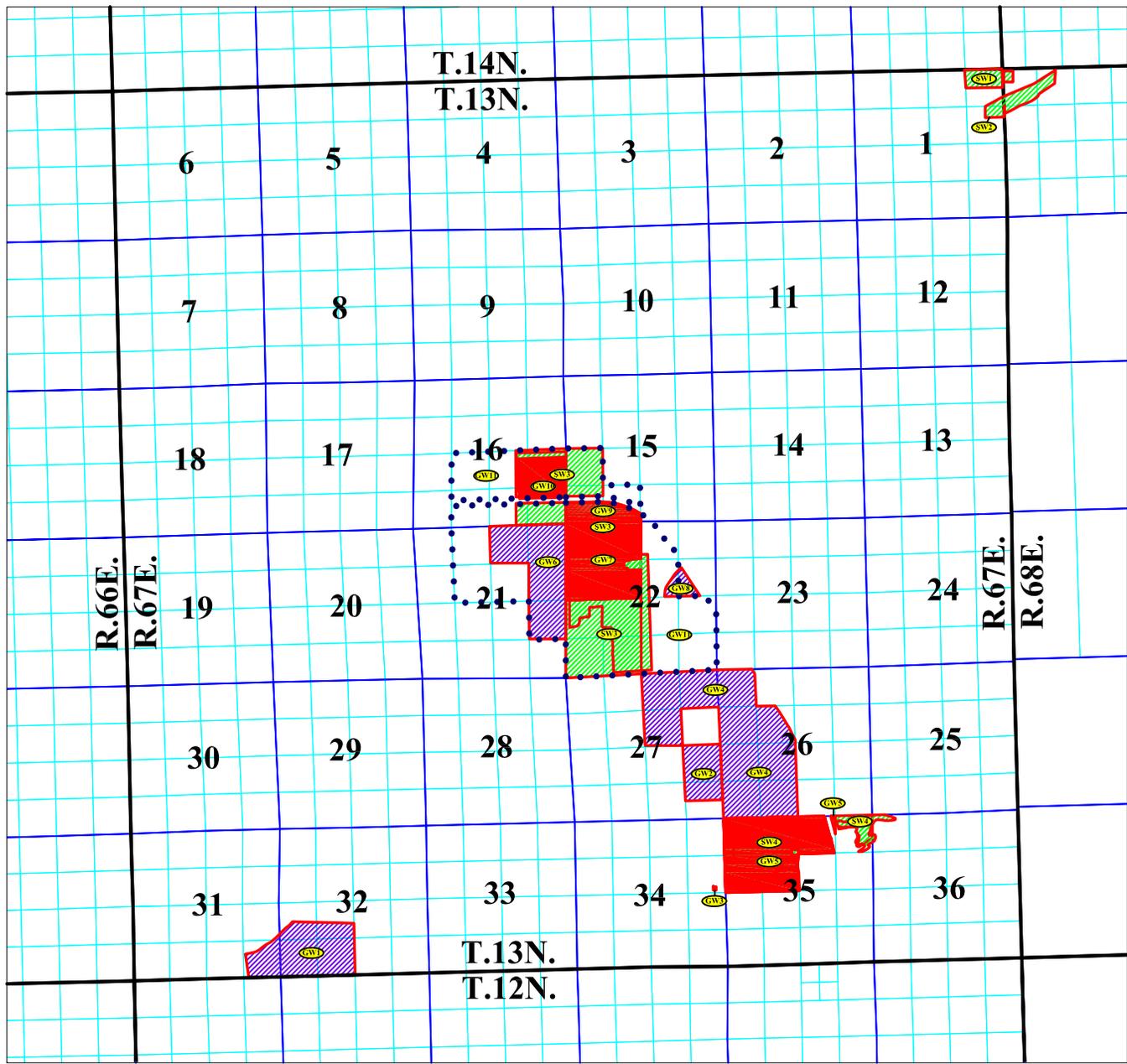
Groundwater Reference Labels not on map. For Groundwater Labels and identification, please reference Appendix 19: "Groundwater Places of Use, Township 12 North, Range 67 East; Mount Diablo Baseline and Meridian"



**Groundwater and Surfacewater Places of Use  
Township 12 North, Range 67 East;  
Mount Diablo Baseline and Meridian**

**Appendix 69**

**Surface Water and Groundwater Place of Use  
Township 13N, Range 67E, MDBM**



# Index Key

Surfacewater			Groundwater		
ID NO	Application No.	Status	ID NO	Application No.	Status
SW-1	1052	Certificate	GW-1	19652	Certificate
SW-2	17017	Certificate	GW-2	19652	Certificate
SW-3	920, 15812, 17163, 22545, 29612, and 50772	Certificates Certificates and Certificate	GW-3	19652	Certificate
			GW-4	19652	Certificate
			GW-5	19652	Certificate
SW-4	2005, 6834, 27739, 27740, 27741, 27742, 27901, 28790, V02851, V02852, V02853, V02854, V02855, and V00714	Certificates Certificates Certificates Vested Vested Vested	GW-6	19652	Certificate
			GW-7	19652	Certificate
			GW-8	19652	Certificate
			GW-9	19652	Certificate
			GW-10	19652	Certificate
			GW-11	25439	Permit

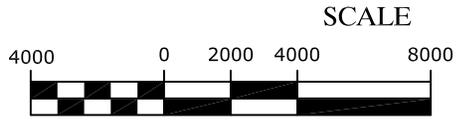
# Legend

- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights
- Permit Place of Use of Water Rights
- Approximate Place of Overlapping Use
- Surfacewater Place of Use
- Groundwater Place of Use
- Shared Water Place of Use
- Surfacewater Reference Label
- Groundwater Reference Label

14 Section Number

# Notes

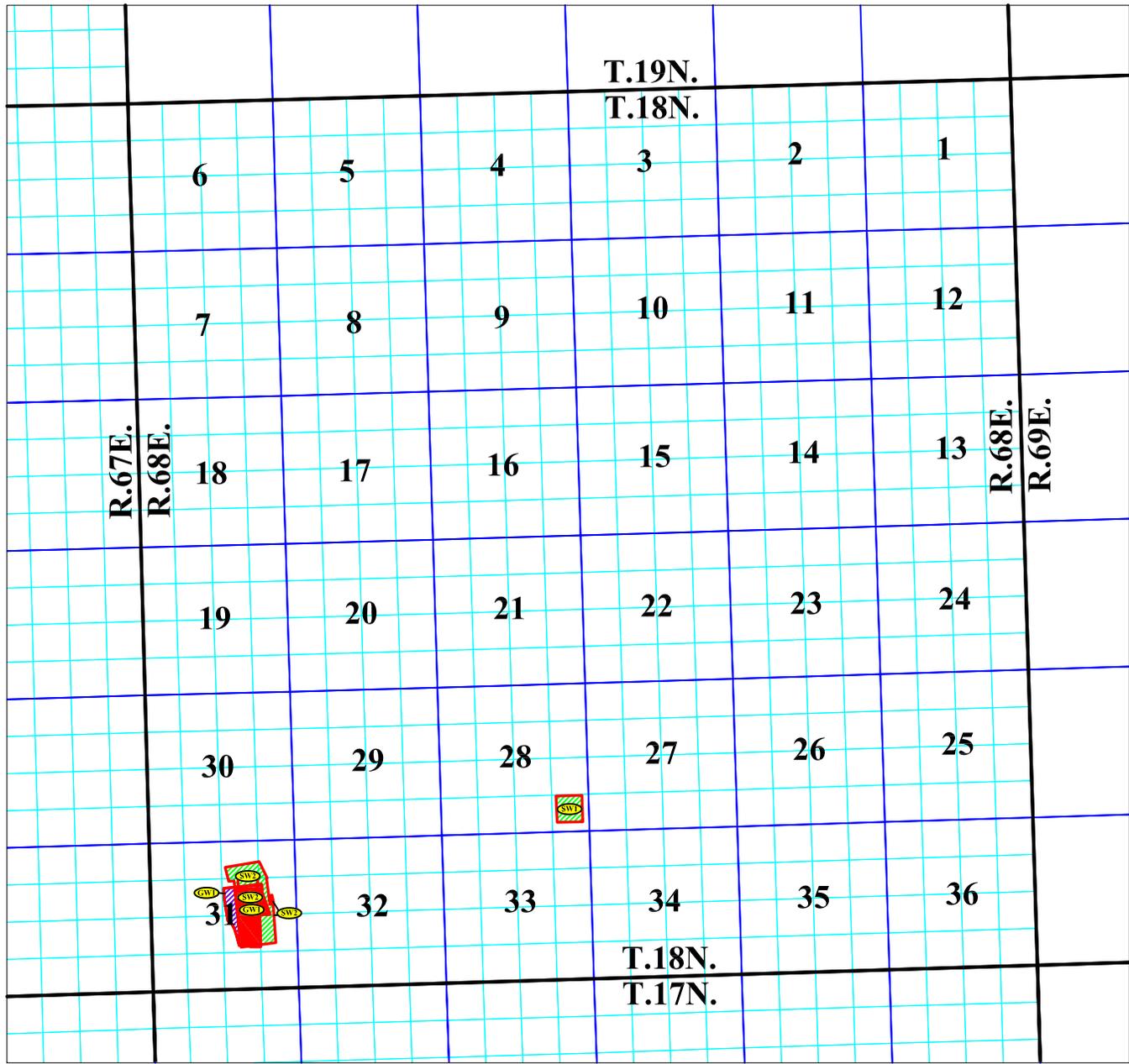
Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



**Groundwater and Surfacewater Places of Use  
Township 13 North, Range 67 East;  
Mount Diablo Baseline and Meridian**

**Appendix 70**

**Surface Water and Groundwater Place of Use  
Township 18N, Range 68E, MDBM**



# Index Key

Surfacewater			Groundwater		
ID No	Application No.	Status	ID No	Application No.	Status
SW-1	V01648	Vested	GW-1	56050	Certificate
SW-2	5923 & V01648	Certificate & Vested			

# Legend

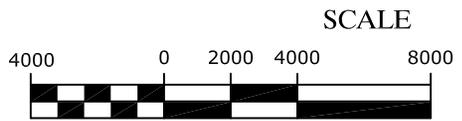
- Quarter - Quarter Subdivisions Lines
- Section Lines
- Township and Range Lines
- Boundary of Place of Use of Water Rights

14 Section Number

- Surfacewater Place of Use
- Groundwater Place of Use
- Shared Water Place of Use
- Surfacewater Reference Label
- Groundwater Reference Label

# Notes

Quarter-Quarter Sections, Sections, Township, and Range Lines obtained from Nevada BLM on-line database. Reference is NAD 83 and State Plane Coordinate System [feet]



Groundwater and Surfacewater Places of Use  
Township 18 North, Range 68 East;  
Mount Diablo Baseline and Meridian

**Appendix 71**

**USGS Surface-Water Monthly Statistics -  
USGS 10243700 CLEVE CK NR ELY, NV**



USGS Home  
 Contact USGS  
 Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category: Geographic Area:  
 Surface Water | United States |

[News](#) - updated November 2010

# USGS Surface-Water Monthly Statistics for the Nation

The statistics generated from this site are based on approved daily-mean data and may not match those published by the USGS in official publications. The user is responsible for assessment and use of statistics from this site. For more details on why the statistics may not match, [click here](#).

## USGS 10243700 CLEVE CK NR ELY, NV

Available data for this site Time-series: Monthly statistics |

White Pine County, Nevada Hydrologic Unit Code 16060008 Latitude 39°12'59.68", Longitude 114°31'46.7" NAD83 Drainage area 31.8 square miles Gage datum 6,200 feet above sea level NGVD29	<b>Output formats</b> <a href="#">HTML table of all data</a> <a href="#">Tab-separated data</a> <a href="#">Reselect output format</a>
--	---

00060, Discharge, cubic feet per second,												
YEAR	Monthly mean in cfs (Calculation Period: 1914-06-01 -> 2010-09-30)											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1914						29.4	14.2	9.90	8.89	8.76	8.97	7.25
1915	8.09	8.05	8.30	13.3	19.5	20.7	10.1	7.19	6.10	7.19	7.33	6.44
1916	4.83	6.23	14.8	18.6	24.2	17.2	8.19	6.82	6.29	8.24	8.31	5.84
1959										4.67	4.76	4.70
1960	4.05	4.42	5.26	6.34	8.58	6.25	4.96	3.99	3.75	4.56	5.10	4.27
1961	4.09	4.56	4.65	6.54	10.3	8.56	5.16	4.83	4.33	4.71	4.53	4.62
1962	4.45	5.64	5.96	24.4	18.0	14.9	8.22	5.88	5.29	5.79	6.04	5.34
1963	5.15	7.71	5.82	6.28	14.5	27.2	9.92	6.93	6.78	6.37	6.52	6.43
1964	6.50	6.25	6.30	7.74	21.5	14.7	8.10	7.14	6.45	5.49	5.95	6.39
1965	6.13	5.86	6.15	10.2	18.4	20.1	9.30	8.16	8.38	7.23	7.11	6.45
1966	6.29	6.34	6.96	11.5	10.6	7.33	5.52	5.03	5.37	5.12	5.52	6.27
1967	6.19	6.01	6.02	6.28	26.2	58.2	17.7	9.59	8.89			
1976										7.27	6.28	6.02
1977	5.32	5.12	5.17	6.24	8.23	14.4	6.30	6.36	5.53	5.86	5.75	5.20
1978	5.38	5.79	9.53	15.3	37.9	37.7	11.1	8.52	7.16	7.10	8.43	7.59
1979	6.20	8.63	8.99	13.8	29.5	17.4	8.17	7.47	6.77	7.08	7.15	6.89
1980	6.54	7.08	8.25	12.8	38.6	37.0	15.8	10.4	10.6	9.41	9.07	7.38

<b>1981</b>	6.91	6.52	6.43	8.98	15.9	13.2	7.15	6.48	6.64			
<b>1982</b>												11.0
<b>1983</b>	10.3	10.6	14.5	24.5	82.9	116.7	30.0	21.1	16.2	15.9	14.2	12.5
<b>1984</b>	11.5	11.8	15.4	30.3	70.8	33.9	18.5	15.9	15.2	16.8	15.3	12.9
<b>1985</b>	10.3	9.98	12.1	23.1	20.0	13.9	11.2	8.39	8.66	8.64	8.39	7.95
<b>1986</b>	7.98	8.66	15.4	23.1	28.3	18.5	11.5	9.27	9.40	10.4	9.85	9.42
<b>1987</b>	8.81	8.63	8.84	15.2	16.6	11.4	10.7	8.67	6.48			
<b>1990</b>				6.00	6.85	8.13	5.36	4.37	4.60	4.90	5.06	4.52
<b>1991</b>	5.37	4.83	4.58	5.20	8.51	25.0	7.14	6.54	5.48	5.46	5.47	5.45
<b>1992</b>	5.05	5.33	6.20	7.72	8.44	5.63	4.60	4.25	4.17	4.54	4.78	4.55
<b>1993</b>	4.70	4.95	10.7	10.1	28.3	16.2	8.81	6.95	6.64	6.34	6.00	5.47
<b>1994</b>	5.46	5.28	5.97	7.55	11.0	7.74	5.81	5.45	5.18	5.53	5.67	5.28
<b>1995</b>	5.85	7.10	10.4	11.2	30.0	66.8	24.8	12.1	9.50	8.15	7.73	7.17
<b>1996</b>	7.31	7.01	9.35	10.8	16.1	10.7	7.60	6.77	6.55	6.15	7.01	7.33
<b>1997</b>	6.72	6.47	8.37	10.8	18.2	14.3	10.2	9.36	8.50	8.05	7.85	5.53
<b>1998</b>	5.47	7.44	10.1	12.7	27.8	52.1	24.3	12.5	10.6	9.66	8.97	8.81
<b>1999</b>	9.57	9.56	8.85	9.85	20.7	31.6	14.9	9.81	8.95	8.16	8.06	8.96
<b>2000</b>	9.02	8.23	8.60	10.6	12.7	11.0	7.98	6.96	6.70	6.99	7.12	6.52
<b>2001</b>	5.03	5.61	8.70	14.4	25.6	9.66	7.41	6.32	6.52	5.95	5.83	6.21
<b>2002</b>	6.09	5.87	6.41	8.45	10.2	8.33	5.36	4.96	4.84	5.02	5.68	5.19
<b>2003</b>	5.09	5.17	5.94	7.59	14.8	15.3	7.32	5.57	5.32	5.52	5.14	4.75
<b>2004</b>	5.11	4.43	7.36	9.31	11.6	7.82	5.45	5.18	5.13	6.28	6.47	5.85
<b>2005</b>	7.68	7.99	11.4	22.1	73.0	65.1	26.8	14.1	11.7	11.3	11.3	10.3
<b>2006</b>	10.2	9.81	10.5	20.5	42.8	18.0	11.0	8.66	7.67	8.38	8.35	7.44
<b>2007</b>	7.53	8.16	8.37	7.93	14.4	7.56	7.11	7.72	6.00	5.96	5.74	5.15
<b>2008</b>	5.46	6.77	9.95	7.21	10.5	8.20	5.50	4.79	4.75	5.24	4.88	4.28
<b>2009</b>	4.62	5.57	7.27	9.61	21.2	13.2	8.14	5.75	4.99	5.47	5.38	5.49
<b>2010</b>	5.45	5.66	6.27	11.6	16.0	27.8	10.1	6.70	5.89			
<b>Mean of monthly Discharge</b>	6.5	6.9	8.5	12	23	23	11	7.9	7.2	7.2	7.2	6.7

\*\* No Incomplete data have been used for statistical calculation

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)   [FOIA](#)   [Privacy](#)   [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Surface Water data for USA: USGS Surface-Water Monthly Statistics**

**URL: <http://waterdata.usgs.gov/nwis/monthly/>**



Page Contact Information: [Nevada Water Data Support Team](#)

**Appendix 72**  
**Supplemental Data**

Carson Valley (Basin 105) Supplemental Groundwater Use for Selected Permits West Side Creeks Only																						
UG Right	Status	Supp Source	2005		2004		2003		2002		2001		2000		1999		1998		1997		1996	
			Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used	Supp Ac Irr	Duty Used
26377	CER	UG	21.89	10.47	21.89	19.06	21.89	10.91	21.89	13.21	21.89	15.51	21.89	12.91	21.89	11.09	21.89	13.5	21.89	18.62	21.89	15
60619	PER	UG	1.66	1.43	1.66	2.02	1.66	1.81	1.66	1.88	1.66	2.66	1.66	2.03	1.66	2.49	1.66	1.09	1.66	1.2	0	0
13896	CER	UG	309.88	58.21	309.88	188.54	309.88	224.08	309.88	70.52												
15388	CER	UG	220	63.2	220	89.17	220	69.51	220	83.01	220	67.66	220	70.32	220	27.85	220	19.12	220	0	220	13.18
30352	CER	UG	362.2	278.13	362.2	716.15	362.2	522.29	362.2	624.31	362.2	576.15	362.2	547.52	362.2	299.86	362.2	149.11	362.2	138.29	362.2	187.97
48538	CER	UG	38.75	39.47	38.75	52.28	38.75	40.79	38.75	45.62	38.75	34.98	38.75	37.21	38.75	28.33	38.75	20.26	38.75	17.95	38.75	23.7
53720	CER	UG																				
12532	CER	UG	195.3	97.66	195.3	104.85	195.3	104.85	195.3	104.85	195.3	104.85	195.3	58.88	195.3	104.85	195.3	112.91	195.3	112.91	195.3	88.72
20765	CER	UG	85.6	123.54	85.6	161.71	85.6	51.38	85.6	122.99	85.6	113.96	85.6	85.89	85.6	73.94	85.6	28.86	85.6	50.77	85.6	56.9
25069	CER	UG																				
25409	CER	UG	54.34	61.07	54.34	100.4	54.34	123.3	54.34	135.36	54.34	136.05	54.34	91.2	54.34	41.95	54.34	26.31	54.34	29.31	54.34	87.35
56296	CER	UG	56.39	21.87	56.39	24.77	56.39	19.12	56.39	18.33	56.39	21.6	56.39	19.09	56.39	21.61	56.39	14.81	56.39	14.62	0	0
61056	PER	UG	16.25	0.3	16.25	0.69	16.25	1.13	16.25	0.72	16.25	1.53	16.25	1.53	16.25		16.25		16.25			
63414	CER	UG	6.87	14.65	6.87	0.72	6.87	20.39	6.87	27.49	6.87	29.67	6.87	25.12	6.87	27.49						
64264	CER	UG	1.87	3.16	1.9	5.75	1.9	6.97	1.9	6.55	1.9	6.55										
Average Percent Usage			1371	773.16	1371.03	1466.11	1371.03	1196.53	1371.03	1254.84	1061.15	1111.17	1059.25	950.17	1043	639.46	1036.13	385.97	1036.13	383.67	978.08	472.82
Duty Used			14.1%		26.7%		21.8%		22.9%		26.2%		22.4%		15.3%		9.3%		9.3%		12.1%	
			0.56 AF/AC		1.07 AF/AC		0.87 AF/AC		0.92 AF/AC		1.05 AF/AC		0.90 AF/AC		0.61 AF/AC		0.37 AF/AC		0.37 AF/AC		0.48 AF/AC	

Supplemental Groundwater Right Lowest Percent Usage = 9.3%  
 Supplemental Groundwater Right Highest Percent Usage = 26.7%  
 Supplemental Groundwater Right Average Percent Usage = 18.0%

**Appendix 73**

**USGS Surface-Water Monthly Statistics -  
USGS 10310400 DAGGETT CK NR GENOA, NV**



USGS Home  
 Contact USGS  
 Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category: Geographic Area:

Surface Water United States

[News](#) - updated November 2010

# USGS Surface-Water Monthly Statistics for the Nation

The statistics generated from this site are based on approved daily-mean data and may not match those published by the USGS in official publications. The user is responsible for assessment and use of statistics from this site. For more details on why the statistics may not match, [click here](#).

## USGS 10310400 DAGGETT CK NR GENOA, NV

Available data for this site Time-series: Monthly statistics

Douglas County, Nevada Hydrologic Unit Code 16050201 Latitude 38°57'55", Longitude 119°50'55" NAD27 Drainage area 3.82 square miles Gage datum 5,100 feet above sea level NGVD29	<b>Output formats</b> <input type="button" value="HTML table of all data"/> <input type="button" value="Tab-separated data"/> <input type="button" value="Reselect output format"/>
--	--

00060, Discharge, cubic feet per second,												
YEAR	Monthly mean in cfs (Calculation Period: 1965-11-01 -> 2009-09-30)											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1965											1.83	1.70
1966	1.61	1.54	1.50	1.80	1.41	0.833	0.806	0.687	0.810	0.939	1.62	1.57
1967	1.96	1.58	1.97	1.92	4.73	3.61	3.07	1.40	1.22	1.55	1.64	1.63
1968	1.79	2.08	1.97	1.69	2.05	1.19	0.832	0.768	0.757	1.47	3.49	2.16
1969	2.65	2.71	2.59	3.31	4.53	5.06	5.30	7.29	2.16	3.48	3.33	2.40
1970	3.40	3.72	3.86	2.50	3.27	3.46	3.36	2.22	4.20	1.16	2.58	3.64
1971	2.81	3.20	2.49	1.77	3.67	3.61	3.80	3.53	2.38	2.49	2.93	1.67
1972	1.85	1.94	2.43	1.86	2.14	1.67	1.01	0.988	1.13	1.35	1.84	1.52
1973	1.92	1.81	2.11	2.42	3.31	1.74	0.964	0.922	0.982	1.22	1.34	1.64
1974	2.66	1.46	2.17	1.97	3.15	2.71	1.83	1.13	0.888	1.28	1.53	1.44
1975	1.57	1.54	2.06	2.45	3.53	3.56	2.01	1.30	1.65	1.55	2.18	2.40
1976	2.19	2.06	2.20	2.60	2.01	1.13	1.08	1.26	1.32	1.07	1.25	0.975
1977	0.989	1.22	1.06	1.21	1.18	1.03	0.819	0.751	0.814	1.06	1.35	1.28
1978	1.25	1.21	1.81	1.60	1.61	1.86	0.988	0.710	0.943	0.972	1.12	1.19
1979	2.42	1.19	1.68	2.12	2.18	0.967	1.07	0.650	0.560	0.693	0.829	0.901
1980	2.44	1.97	1.86	2.87	2.94	2.84	1.75	0.922	1.39	1.27	1.36	1.54
1981	1.55	1.43	1.24	1.60	1.65	1.18	0.753	0.717	0.825	0.963	1.43	1.35

<b>1982</b>	1.12	3.15	1.79	2.63	3.32	3.58	3.66	2.14	1.65	2.70	2.22	1.69
<b>1983</b>	1.57	1.56	2.57	3.35	4.48	6.84	3.73	3.89	2.53			
<b>1988</b>												1.08
<b>1989</b>	0.978	1.36	1.69	1.56	1.22	1.08	0.668	0.878	0.845	0.870	1.38	1.24
<b>1990</b>	1.12	1.08	1.32	1.27	0.984	0.722	1.33	2.03	2.13	1.17	1.12	0.968
<b>1991</b>	1.05	1.04	1.95	1.62	1.07	0.847	0.694	1.19	0.922	0.966	1.27	1.14
<b>1992</b>	1.15	1.06	1.25	1.37	1.05	1.03	0.677	0.594	0.577	0.914	0.944	0.773
<b>1993</b>	1.68	1.41	2.52	1.85	1.59	1.39	1.01	0.942	0.960	1.19	1.13	1.12
<b>1994</b>	1.08	1.13	1.25	1.10	1.01	0.681	0.510	0.564	0.698	0.786	0.953	1.07
<b>1995</b>	1.13	1.25	1.99	2.22	2.62	2.83	2.72	1.24	0.932	0.912	1.04	1.34
<b>1996</b>	1.32	2.44	2.90	3.03	3.51	2.97	1.66	2.16	1.34	1.28	1.88	2.97
<b>1997</b>	5.82	3.28	3.26	3.38	3.78	3.41	2.09	1.67	1.91	2.01	1.90	2.11
<b>1998</b>	2.40	2.45	3.00	2.59	3.25	5.64	2.96	2.11	1.76	1.48	1.44	1.65
<b>1999</b>	1.73	2.61	2.75	3.28	4.29	3.34	1.98	1.73	1.51	1.90	1.85	1.77
<b>2000</b>	1.91	2.34	2.12	2.47	2.71	1.96	1.32	1.20	1.46	1.40	1.40	1.22
<b>2001</b>	1.23	1.28	1.69	1.71	1.30	1.11	1.17	0.942	0.909	0.944	1.32	1.26
<b>2002</b>	1.16	1.20	1.48	1.44	1.07	1.09	1.04	0.947	1.00	1.15	1.51	1.20
<b>2003</b>	1.42	1.25	1.41	1.38	1.32	1.01	0.979	1.01	0.608	0.660	1.04	1.14
<b>2004</b>	0.983	1.27	1.65	1.39	1.07	0.857	0.785	0.800	0.939	0.885	0.878	1.14
<b>2005</b>	1.14	1.21	1.77	1.70	1.64	0.983	0.801	0.867	0.816	0.796	0.788	3.40
<b>2006</b>	2.45	1.60	2.11	3.18	4.20	3.21	1.72	1.24	1.23	1.71	1.68	1.68
<b>2007</b>	1.43	1.51	1.94	1.63	1.55	1.17	0.998	1.06	1.11	1.13	1.35	1.55
<b>2008</b>	1.69	1.79	1.92	1.64	1.42	1.04	1.53	0.967	0.992	1.22	1.32	1.26
<b>2009</b>	1.34	1.41	1.77	1.31	1.34	1.09	0.687	0.906	1.08			
<b>Mean of monthly Discharge</b>	1.8	1.8	2.0	2.1	2.4	2.2	1.6	1.4	1.3	1.3	1.6	1.6

\*\* No Incomplete data have been used for statistical calculation

[Questions about sites/data?](#)  
[Feedback on this web site](#)  
[Automated retrievals](#)  
[Help](#)

[Data Tips](#)  
[Explanation of terms](#)  
[Subscribe for system changes](#)  
[News](#)

[Accessibility](#)   [FOIA](#)   [Privacy](#)   [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Surface Water data for USA: USGS Surface-Water Monthly Statistics**

**URL: <http://waterdata.usgs.gov/nwis/monthly?>**



Page Contact Information: [Nevada Water Data Support Team](#)

Page Last Modified: 2011-02-08 13:48:21 EST

3.15 3.04 vaww03

**Appendix 74**

**NDWR ET Rates for Basin 184, Spring Valley**

Choose by Basin or Station

All Basin Data

All Station Data

## Nevada Evapotranspiration Data by Hydrographic Basin and Weather Station

184 SPRING VALLEY

Get Values for Basin

LAS VEGAS\*

Get Values for Station

### Basin 184 SPRING VALLEY

Central Region; Reference ETos (ft): 4.5

	ET Actual (ft)	NIWR (ft)
ALFALFA (ft)	3.7	3
HIGHLY MANAGED PASTURE GRASS	3.6	3
LOW MANAGED PASTURE GRASS	3	2.4
GRASS HAY	3.5	2.9
TURF GRASS	3.5	2.9
SHALLOW OPEN WATER	4.7	3.9

Net Irrigation Water Requirement (NIWR)  
is ET Actual minus effective precipitation

**Appendix 75**

**NDWR Well Driller's Log–Basin 184**

# STATE OF NEVADA DIVISION OF WATER RESOURCES

## WELL DRILLER'S LOG - GENERAL REPORT

Total Records: 129  
Run Date: 4/12/2011

Selection Criteria: ha in ('184') order by twn,rng,sec

BASIN	LOG NO	CO	TWN	RNG	SEC	QTR SEC	OWNER	DATE CMPLT	DRLRS LIC NO	TOTAL DEPTH	STATIC WATER LEVEL	CSNG DIAMS	ASSESSOR'S PARCEL NO	WORK TYPE	PROP USE	PERMIT / WAIVER NO
184	102139	LI	N09	E67	11	NW SE	S N W A 184W508M	12/19/2006	1995	1180	278.00	8.63		N	G	R-1323
184	102843	LI	N09	E68	11	SE NW	S N W A 184W 502M	1/24/2007	1995	1820	482.00	8.63		N	G	R-1323
184	102847	LI	N09	E68	11	NE NW	S N W A 184W101	2/27/2007	1995	1760	490.00	20.00		N	X	
184	22176	WP	N09	E68	30	NE NW	U S AIR FORCE	8/7/1980	1210	700	227.00	0.00		N	X	41738
184	9365	WP	N10	E65	36	NE SE	GEYSER RANCH	5/1/1965	451	468	60.00	14.00		N	I	21720
184	5139	WP	N11	E66	35	NW SE	HECKETHORNE, DEE	4/16/1959	14	240	0.00	6.00		N	S	18045
184	102158	WP	N11	E66	35	SW SW	S. NEVADA WATER AUTHORITY	11/18/2006	1995	1040	101.00	8.63		N	G	R-1323
184	8121	WP	N11	E67	01	NE NE	SWALLOW RANCHES INC	9/21/1964	432	200	18.00	14.00		N	I	
184	8054	WP	N11	E67	13	SW SE	SWALLOW RANCHES INC	9/15/1964	432	450	10.00	14.00		N	I	22107
184	111681	WP	N11	E67	23	SE NE	BLM	5/6/2010	2371	30	14.00	2.25	012-590-05	N	G	M/O-2849

184	98708	WP	N11	E67	28	NW SW	U S GEOLOGICAL SURVEY	8/23/2005	1857	20	7.00	2.00		N	G	MO-1376
184	98709	WP	N11	E67	32	NE NE	U S GEOLOGICAL SURVEY	8/23/2005	1857	25	9.60	2.00		N	G	MO-1376
184	99959	WP	N11	E67	32	SE NE	DR. DEVITT	5/19/2006	2272	75	15.00	2.00		N	G	MO-1363
184	107716	WP	N11	E68	05	NE SW	SNWA 184W522M	2/8/2008	1616	35	15.00	4.00	12-610-01	N	G	
184	108468	WP	N11	E68	05	SW NW	S N W A	8/11/2007	1616	1040	153.00	8.63	12-610-01	N	X	
184	105531	WP	N11	E68	05	SW NW	S N W A	2/29/2008	1616	1040	150.44	20.00	012-610-01	N	X	75339T
184	105533	WP	N11	E68	07	SW SW	S N W A	11/5/2007	2238	201	18.40	14.00	012-61-003	P	I	22109
184	111679	WP	N11	E68	11	NE SW	SOUTHERN NEVADA WATER AUTHORITY	5/6/2010	2371	61	38.00	2.25	012-610-01	N	G	M/O-2849
184	2406	WP	N11	E68	29	NE NW	COMBINED METALS RECUTION CO	11/7/1953	14	353	250.00	8.00		N	K	15381
184	102396	WP	N11	E68	34	SE SE	SNWA	12/6/2006	1995	1040	97.00	20.00		N	X	
184	10440	WP	N12	E66	21	SE SW	U S BUREAU OF LAND MANAGEMENT	9/13/1966	278	631	564.00	6.00		N	S	
184	102132	WP	N12	E66	26	NE NW	S. NEVADA WATER AUTHORITY	10/19/2006	1995	1160	214.00	8.63		N	G	R-1323
184	102157	WP	N12	E66	26	SE NW	SNWA	11/7/2006	1995	1160	213.00	20.00		N	X	
184	1039	WP	N12	E67	02	SW NE	FISH AND GAME	8/20/1949	23	194	0.00	14.50		N	Z	
184	15768	WP	N12	E67	12	NE SW	BRANSFORD, ROBERT	7/8/1976	705	190	36.00	12.75		N	I	29907
184	4741	WP	N12	E67	12	SE SE	KIRKEBY RANCH	7/17/1959	192	185	50.00	12.00		N	I	18827

Preliminary Data, Subject to Revision

184	4742	WP	N12	E67	13	NE NW	KIRKEBY RANCH	7/24/1959	192	220	0.00	6.00		N	S	18828
184	20613	WP	N12	E67	13	SW SW	KIRKEBY RANCH	12/20/1979	641	160	0.00	6.00		N	S	
184	10934	WP	N12	E67	13	SE SE	FARNSWORTH, FRED	2/25/1970	545	220	37.00	16.00		N	I	
184	76354	WP	N12	E67	13	NE NE	HUNTSMAN RANCH LLC	7/14/1999	1710	307	36.00	16.00		N	I	71525
184	20035	WP	N12	E67	20	SE NW	AMERADA HESS CORP OF NEVADA	6/20/1979	641	140	15.00	6.00		N	N	
184	20222	WP	N12	E67	20	SE NW	AMERADA HESS CORP OF NEVADA	7/17/1979	641	260	0.00	6.00		N	N	
184	16139	WP	N12	E67	24	SW SE	SWALLOW, RICHARD	1/24/1977	641	135	63.00	6.00		N	H	
184	6568	WP	N12	E67	24	SE SW	FARNSWORTH, FRED A	7/15/1960	0	300	23.00	10.00		N	I	18525
184	18567	WP	N12	E67	24	SW SE	SWALLOW, RICHARD B	6/1/1976	515	370	78.00	16.00		N	I	30319
184	4981	WP	N12	E67	24	NW NW	KIRKEBY, GORDON AND KAY	7/30/1959	192	155	0.00	8.00		N	S	18829
184	6567	WP	N12	E67	26	NE NE	FARNSWORTH, FRED A	7/19/1960		14	8.00	0.00		N	I	18524
184	111685	WP	N12	E67	26	SW NE	BLM	5/7/2010	2371	30	8.00	2.25	012-480-06	N	G	M/O-2849
184	3208	WP	N12	E67	27	NE NW	KIRKEBY, MRS ALBIN	10/13/1955	177	30	13.00	6.00		N	S	
184	7860	WP	N12	E67	31	SE SE	RHODES, ERISL	4/13/1964	328	456	15.00	16.00		N	I	19654
184	103871	WP	N12	E67	36	NE SW	DRI	5/12/2007	1028	25	11.40	2.00		N	G	MO 1445
184	3207	WP	N13	E66	05	NW NE	PIERCE, BUZZ	10/5/1955	177	45	15.00	6.00		N	H	

Preliminary Data, Subject to Revision

184	1556	WP	N13	E66	25		U S BUREAU OF LAND MANAGEMENT	1/24/1951	14	120	60.00	6.00		N	S	
184	44610	WP	N13	E67	01	SE NE	BALL, JOHN	9/6/1993	1191	100	0.00	0.00		P	H	
184	51224	WP	N13	E67	14	SE SW	HARBECK, BOB	12/31/1995	1191	150	0.00	0.00		N	X	45648
184	49908	WP	N13	E67	14	SE SW	HARBECKE, BOB	5/4/1995	1191	134	0.00	0.00		N	X	45648
184	107717	WP	N13	E67	14	SW SE	SNWA SPR7023I	2/5/2009	1616	1220	295.16	20.63		N	X	
184	11974	WA	N13	E67	15	SE SW	HARBROKE, FERN A	11/28/1971	653	487	0.00	16.00		D	I	23907
184	447	WP	N13	E67	15	SE	ROBINSON, MELBOURNE	1/28/1948	14	300	60.00	16.00		N	Z	
184	11720	WP	N13	E67	16	SW SE	HARBECK, ROBERT L	8/7/1971	630	272	72.00	0.00		N	I	26228
184	28053	WP	N13	E67	16	NW SE	HARBECKE, ROBERT L	12/20/1986	515	223	71.00	14.00		N	I	45648
184	12213	WP	N13	E67	22	SE NE	RASMUSSEN, JAMES B AND GAY M	2/10/1972	584	300	60.00	8.00		N	H	26502
184	23441	WP	N13	E67	22	NE NE	HARBECKE, ROBERT AND FERN	10/20/1980	515	500	78.00	14.00		N	I	34727
184	10174	WP	N13	E67	22	NE NW	HARBECKE, ROBERT	1/23/1968	485	550	54.00	0.00		D	I	22544
184	1059	WP	N13	E67	22	NE SE	YELLAND, LEWIS	8/25/1949	23	63	25.00	6.00		N	S	
184	10175	WP	N13	E67	26	SW SE	LARSON, J LYN	6/4/1967		300	48.00	16.00		N	I	29219
184	23418	WP	N13	E67	26	SE NW	SWALLOW, RICHARD M	1/1/1977	515	280	60.00	16.00		N	I	
184	12159	WP	N13	E67	26	SE NW	LARSON, J LYN			320	0.00	16.00		N	I	24900

Preliminary Data, Subject to Revision

184	12475	WP	N13	E67	26	NW NW	SWALLOW, RICHARD JR	7/18/1972	30	100	65.00	6.00		N	H	
184	8326	WP	N13	E67	26	SE NW	ELDRDGE, JORDON	12/23/1964	0	330	28.00	14.00		N	I	22016
184	9054	WP	N13	E67	34	NE NE	LARSON, J LYN	6/12/1966	44	916	45.00	12.00		N	I	22017
184	92434	WP	N13	E67	34	SE NE	BOWLER, KENDLE	12/15/2003	2238	885	0.00	16.00	12-330-03	N	X	
184	23152	WP	N13	E67	35	NW NE	EL TEJON CATTLE CO	7/10/1981	1255	300	28.00	14.00		N	I	38972
184	105532	WP	N14	E66	09	NW NE	S N W A	4/12/2008	1616	1395	490.00	20.00	012-014-01	N	X	75339T
184	108467	WP	N14	E66	09	NW NE	S N W A	7/7/2007	1616	1412	491.00	8.63	12-014-01	N	G	R-1350
184	29390	WP	N14	E66	14	NE SW	FREHNER CONSTRUCTION	6/29/1987	641	372	285.00	8.00		N	N	
184	8133	WP	N14	E66	28		SWALLOW RANCHES INC	10/12/1964	30	220	160.00	6.63		N	S	
184	10216	WP	N14	E66	34	SE SW	NEVADA STATE DEPT OF HIGHWAYS	8/10/1968	554	452	102.00	6.00		N	H	
184	111686	WP	N14	E67	04	NW SE	BLM	5/7/2010	2371	35	18.80	2.25	012-160-05	N	G	M/O-2849
184	108471	WP	N14	E67	14	SE SE	S N W A	9/22/2007	1616	1720	809.00	8.63	12-016-05	N	G	
184	17124	WP	N14	E67	15	NW SE	CLARK MINING CORP	9/6/1977	844	535	231.00	8.00		D	K	31239
184	16633	WP	N14	E67	15	NW SE	CLARK MINING CORP	6/4/1977	701	294	250.00	8.00		N	H	
184	13246	WA	N14	E67	16	SE SE	SPACE METALS INC	8/1/1970	515	200	30.00	14.00		N	N	25524
184	78163	WP	N14	E67	16	SE SE	CAYIAS, JOHN	9/28/1999	641	200	0.00	14.00		P	K	25524

Preliminary Data, Subject to Revision

184	41060	WP	N14	E67	21	SE NE	MINEL INC	4/13/1993	641	211	57.00	12.00	12-160-11	N	N	
184	20951	WP	N14	E67	21	SE SE	CIVIC ROYALTY CORP	4/10/1980	515	450	20.00	16.00		N	N	29363
184	21278	WP	N14	E67	21	NW SW	HUCKALEY, LES	6/18/1980	511	120	25.00	10.00		N	H	
184	101457	WP	N14	E67	21	NW NE	BENSON, ROBERT	9/11/2006	1191	190	10.00	6.50	012-170-03	N	H	
184	10173	WP	N14	E67	21	SW SE	COMSTOCK SIX PLACER INC	5/11/1968	485	154	33.00	8.00		N	K	24576
184	10816	WP	N14	E67	22	SW SW	TURNER, ACE & FRANSEN, REX	8/30/1969		238	0.00	14.00		D	K	23556
184	10434	WP	N14	E67	22	SW SW	FRANSEN, REX L	1/1/1966		105	0.00	16.00		N	K	23556
184	13820	WP	N14	E67	27	SW NW	SPRING VALLEY GOLD DREDGINGS	2/6/1974	734	193	140.00	16.00		N	N	26223
184	100565	WP	N14	E67	28	SW SE	SEARS, RICHARD	6/16/2006	1191	215	58.00	6.50	012-160-07	N	H	
184	104063	WP	N14	E67	29	SW SW	DRI	5/11/2007	1028	30	17.00	2.00		N	G	MO 1445
184	103866	WP	N14	E67	31	NE NE	DRI	5/10/2007	1028	40	25.60	2.00		N	G	MO 1445
184	24072	WP	N15	E66	25		WHITE PINE POWER PROJECT	9/2/1982	582	1005	50.78	12.00		N	X	
184	24073	WP	N15	E66	25		WHITE PINE POWER PROJECT	8/17/1982	582	470	31.45	4.00		N	X	
184	24074	WP	N15	E66	25		WHITE PINE POWER PROJECT	8/24/1982	582	210	47.79	6.00		N	X	
184	111680	WP	N15	E67	09	NW NW	SOUTHERN NEVADA WATER AUTHORITY	5/5/2010	2371	34	18.00	2.25	012-050-04	N	G	M/O-2849
184	1787	WP	N15	E67	19	NE NW	JOHONSEN, J P	9/30/1951	96	700	40.00	12.00		D	I	

Preliminary Data, Subject to Revision

184	158	WP	N15	E67	19	SE NW	JOHANSEN, PETE	9/30/1947	23	83	9.00	16.00		N	I	
184	108469	WP	N15	E67	26	SE SW	S N W A	7/25/2007	1616	960	30.00	8.63	12-050-02	N	G	
184	108470	WP	N15	E67	26	SE SW	S N W A	11/27/2007	1616	970	30.00	20.63	12-050-02	N	X	
184	111688	WP	N15	E67	30	SE NW	BLM	5/8/2010	2371	25	8.00	2.25	012-050-01	N	G	M/O-2849
184	81770	WP	N15	E68	17	NE SE	MCNUTT, WES	9/7/2000	1793	123	39.00	6.63	12-740-03	N	H	R-374
184	76375	WP	N15	E68	17	NW SE	FILLMAN, PAT	6/29/1999	641	168	24.00	6.63	12-740-01	N	H	R-347
184	76376	WP	N15	E68	17	SE SE	FAVA, PAUL	6/29/1999	1793	265	167.00	6.63	12-740-02	N	H	
184	107076	WP	N15	E68	21	SE NW	FILLMAN, RICHARD	8/28/2008	1793	320	86.00	6.63	012-070-09	N	H	
184	98402	WP	N15	E68	21	SW NE	GIANOLI, JOHN AND JULIE	11/10/2005	1793	203	102.00	6.63	12-070-07	N	H	72643
184	1452	WP	N16	E67	03	NE	ROGERS BROTHERS	8/28/1950	23	317	6.00	6.00		N	H	
184	111291	WP	N16	E67	19	NW NE	LDS CHURCH	6/10/2010	2140	720	0.00	0.00		T	X	54204
184	1786	WP	N17	E67	06		ROBISON, BERT	10/18/1951	96	500	40.00	16.00		N	I	
184	63014	WP	N17	E67	19	NW NW	DEGLER, GENE	6/3/1996	641	125	21.00	6.62		N	H	
184	111683	WP	N17	E67	25	SE SW	BLM	5/4/2010	2371	31	7.00	2.25	010-380-01	N	G	M/O-2849
184	111675	WP	N17	E67	30	NE SW	BLM	5/8/2010	2371	40	15.00	2.25	010-380-06	N	G	M/O-2849
184	94786	WP	N17	E67	30	NW SW	BENDER, BEVERLY	6/21/2004	1793	120	0.00	6.63	010-380-16	R	H	
184	94787	WP	N17	E67	30	NW SW	BENDER, BEVERLY	6/27/2004	1793	25	0.00	6.63	010-380-16	P	H	

Preliminary Data, Subject to Revision

184	12584	WP	N17	E67	30	NW SW	PETERSON, ERIC	8/26/1972	653	100	0.00	0.00		N	H	
184	103851	WP	N17	E68	07	SW SW	DRI	5/11/2007	1028	33	20.00	2.00		N	G	MO 1445
184	111678	WP	N18	E66	01	NW SW	GEORGE ELDRIDGE & SON INC.	5/8/2010	2371	22	1.50	2.25	010-210-01	N	G	M/O-2849
184	2303	WP	N18	E66	01	NW NW	BATES, RICHARD	7/11/1953	23	68	20.00	6.00		N	C	
184	29357	WP	N18	E66	13	SE SW	GEO ELDRIDGE & SON INC	10/12/1986	844	120	0.00	16.00		N	I	39817
184	108382	WP	N18	E66	24	SW SE	GEO ELDRIDGE & SON	8/1/2009	1710	405	0.00	16.00	10-210-05	N	I	39818
184	726	WP	N18	E66	24	SW SE	ROBISON, BERT	11/14/1948	23	98	60.00	6.00		N	C	
184	35969	WP	N18	E66	24	SE SE	GEO ELDRIDGE & SON INC	3/18/1991	844	220	0.00	16.00		N	I	39818
184	1378	WP	N18	E66	25	NE	ROBISON, BERT	7/20/1950	23	190	26.00	6.00		N	C	
184	1256	WP	N18	E68	31	NE	ELDRIDGE, GEORGE	2/18/1950	14	460	40.00	6.00		D	I	
184	99958	WP	N19	E66	13	SE SE	DR. DEVITT	5/17/2006	2272	80	10.00	2.00		N	G	MO-1363
184	103828	WP	N19	E66	13	SE SW	UNLV	5/7/2007	1028	35	21.00	2.00	SV 3A	N	G	MO 1440
184	13700	WP	N19	E66	14	NE NW	ROBISON, REED	7/25/1959	491	815	181.00	12.00		N	I	27378
184	88169	WP	N19	E66	14	NE NW	NEVADA LAND & RESOURCE CO LLC	10/3/2002	1793	254	39.00	6.63	010-130-02	N	H	
184	20404	WP	N19	E66	26	SE SE	GEORGE ELDRIDGE & SON INC	9/25/1979	491	111	1.00	8.00		N	H	
184	9157	WP	N20	E66	13	NW NE	ELDRIDGE, D DELBERT	6/26/1966	7514	907	135.00	16.00		N	I	20889
184	108832	WP	N20	E66	15	SE SW	GEO. ELDRIDGE AND SON INC.	9/4/2009	1710	420	315.00	8.63	10-050-02	N	H	

Preliminary Data, Subject to Revision

184	111687	WP	N21	E66	15	SW NW	BLM	5/5/2010	2371	35	8.00	2.25	008-530-04	N	G	M/O-2849
184	3209	WP	N21	E67	13	SW NE	KIRKEBY, MRS ALBIN	10/10/1955	177	80	8.00	6.00		N	S	18830
184	111676	WP	N22	E66	17	NE SW	SOUTHERN NEVADA WATER AUTHORITY	5/5/2010	2371	9	1.50	2.25	010-210-01	N	G	M/O-2849
184	2248	WP	N23	E66	31	NW SW	HENROID, LAWERENCE	6/4/1953	23	104	26.00	16.00		N	I	
184	10432	WP	N24	E66	31	NW SW	BUREAU OF LAND MANAGEMENT	9/19/1966	278	211	140.00	6.00		N	S	