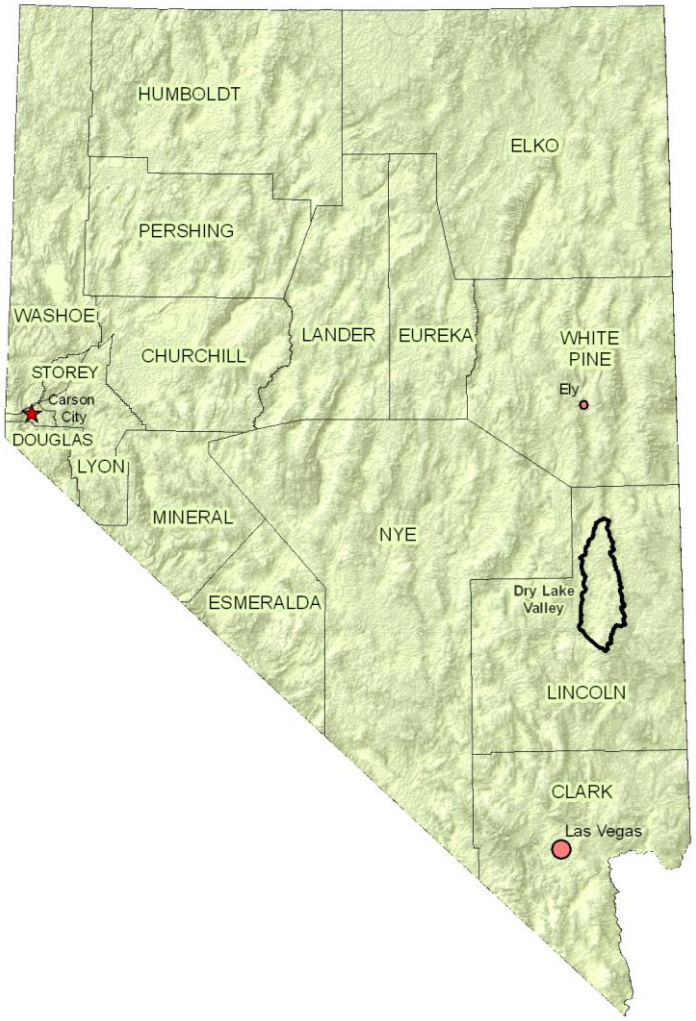
Dry Lake Valley
Hydrographic Basin 10-181
NRS § 533.364 Inventory



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SUMMARY

Nevada Revised Statute (NRS) § 533.364 requires that before approving an application for an interbasin transfer of more than 250 acre-feet of groundwater from a basin, an inventory of the source basin must be conducted. This report meets the specific requirements of NRS § 533.364 for Dry Lake Valley, being the inclusion of (a) the total amount of surface water and groundwater appropriated in accordance with a decreed, certificated or permitted right; (b) an estimate of the amount and location of all surface water and groundwater that is available for appropriation; and (c) the name of each owner of record set forth in the records of the Office of the State Engineer for each decreed, certificated or permitted right.

NRS § 533.364(1)(a): The total amount of surface water appropriated with a decreed, certificated, or permitted right is 303 acre-feet annually (AFA). The total amount of groundwater appropriated with a decreed, certificated, or permitted right is 1,066 AFA (Table 1).

NRS § 533.364(1)(b): The amount of surface water that is available for appropriation is estimated to be 83 AFA, after consideration of all rights and claims, including claims of pre-statutory vested water rights and public water reserves. Pertinent data relating to individual surface water sources, their location, and available water are shown in Appendix A. The annual groundwater supply is equal to the basin perennial yield, which is 12,700 acre-feet, of which 11,893 acre-feet is available for appropriation. Groundwater is managed by the State Engineer on a Basin scale, and can be developed anywhere in the Basin, with certain practical considerations such as accessibility, the location of aquifers or existing rights.

NRS § 533.364(1)(c): The name of each owner of record in the Office of the State Engineer for each decreed, certificated or permitted right is shown in Appendix B.

Table 1. Surface water and groundwater appropriated in Dry Lake Valley (AFA)

Source	Status					Total	
	Permit	Certificate	Decreed	Vested	Reserved	w/o Vested or Reserved	w/ Vested and Reserved
Other Surface Water	0	7	0	0	0	7	7
Reservoir	0	55	0	0	0	55	55
Spring	0	192	0	183	4	192	379
Stream	0	49	0	0	0	49	49
Total Surface Water	0	303	0	183	4	303	489
Total Groundwater	1,009	57	0	0	0	1,066	1,066

INVENTORY

This report is for the Dry Lake Valley Hydrographic Basin (10-181). Surface water estimates are based on field measurements from a variety of sources and review of records of the Office of the State Engineer, and include measurements reported by owners of record in their filing of Proof of Beneficial Use. Groundwater estimates are based on the records of the Office of the State Engineer and currently accepted values for perennial yield. The information in this report is limited to the data and records available to the State Engineer at the time of conducting the inventory. NRS § 533.364(2) provides that the State Engineer is not required to make a determination of rights or to conduct an adjudication, and with respect to claims of pre-statutory vested water rights and public water reserves, the information contained thereon is taken at face value for the purpose of this inventory.

Existing Appropriations: NRS § 533.364(1)(a)

The total amount of surface water and groundwater appropriated in accordance with decreed, certificated or permitted rights is listed in Appendix A. Table A1 lists Stream Availability, Table A2 lists Spring Availability and Table A3 lists Groundwater Rights. The stream and spring rights are sorted by source to facilitate tabulation of total appropriation of each source. Permits for reservoir and other surface water are included in the Stream Availability table because the source in each case is intermittent stream and flood flow. Claims of vested water rights and public water reserves are also shown in these tables. While not intended to adjudicate the waters of this basin, it was deemed necessary to identify the claims on each source before determining the amount available for future appropriation.

Duties (total quantities appropriated) for all decreed, certificated or permitted rights were taken directly from the files of the State Engineer. For claims of vested water rights and public water reserves, duties in the State Engineer's files often are shown as zero, and in these cases a duty was computed based on the information provided by the claimant on the Proof of Appropriation filed.

In Dry Lake Valley, there are an estimated 49 acre-feet annually (AFA) of stream rights, 192 AFA of spring rights, 7 AFA of other surface water rights and 55 AFA of reservoir rights that are certificated or permitted. Groundwater rights total 1,066 AFA. There are no decreed rights in the basin.

Water Available for Appropriation: NRS § 533.364(1)(b)

Estimates of the amount and location of surface water and groundwater available for appropriation require a tabulation of each separate surface water source, the rights or claims on each source, and the annual supply from the source. If there are other claims on the source, such as claims of vested rights or federal claims of public water reserves, additional appropriations might not be allowed until those claims are quantified or adjudicated. While NRS § 533.364 does not require the State Engineer to quantify any vested water right claim prior to approving an application for an interbasin transfer of groundwater, some basic quantification of

vested claims is necessary in order to determine the amount of water available for appropriation from an individual surface water source. Since groundwater is managed at a basin scale, it is available anywhere in the basin, but with certain practical considerations for local factors, such as depth to water, the productivity of the aquifer and possible conflicts with existing rights.

Estimates of surface water average annual flow are based on very limited data. Furthermore, surface water supply is highly variable, being dependent on weather patterns on time scales ranging from daily to decadal. Estimates of the amount available for appropriation may not, in fact, be available on a year to year basis, and applications for such water may be denied. This inventory is a snapshot in time of water availability and should not be relied upon as satisfying the statutory criteria found in NRS § 533.370(5) for the filing of applications to appropriate.

As shown in the Spring and Stream Availability tables in Appendix A, many of the discharge estimates are based on filings for vested rights or proofs of beneficial use, while other estimates are based on few actual measurements. Unless there are specific estimates of flow that can be used to estimate the average annual discharge of a surface water source, the discharge was assumed to be equal to the existing permits on the source. The reasoning behind this approach is that most of these sources are limited, and it is presumed that the water right user has filed on the entire supply.

There are no perennial streams in Dry Lake Valley and there are only two water rights that are classified as 'Stream' rights. There are however 'Reservoir' and 'Other Surface Water' rights that capture flood flows and ephemeral runoff. All water courses will flow at some time, and those ephemeral or intermittent flows can be captured and placed to beneficial use. Water can be diverted directly to beneficial use or diverted to reservoir storage before being placed to a beneficial use. These water rights total 110 AFA and are shown in Table A1. The total amount of water available from these sources is unknown. There are no available perennial stream rights in the basin. Quantification of the average annual flood flow of each watercourse is beyond the scope of this statutory requirement.

The amount of spring water available for appropriation is estimated to be about 83 AFA. Seventeen springs are identified in the National Hydrography Dataset for which no permits, claims, or flow estimates exist. Based on average spring flows in the basin, 50 to 100 AFA of additional unappropriated water could exist at these springs. These spring sites are listed in Table A2.

The perennial yield for Dry Lake Valley was established in State Engineer's Ruling 5875 as 12,700 AFA. As shown in Table A3, existing groundwater rights total 1,066 AFA. There are 1,009 AFA of groundwater rights used for irrigation. In Dry Lake Valley, the net consumptive use of water for a crop of alfalfa in 3.7 acre-feet per acre.[1] The maximum application rate is 5 acre-feet per acre, which would result in a consumptive use factor of 74%, resulting in 747 AFA of the 1,009 AFA of irrigation groundwater rights that are committed. There are three domestic wells in Dry Lake Valley. Domestic wells are allowed to use up to 2.0 AFA; however for

[1] Huntington, J.L., and Allen, R.G., 2010. Evapotranspiration and Net Irrigation Water Requirements for Nevada. Nevada Division of Water Resources.

inventory purposes, domestic wells in rural areas have been shown to pump approximately 1 AFA on average. Available groundwater in Dry Lake Valley is the perennial yield of 12,700 less 807 AFA, which is the consumptive portion of the groundwater rights and domestic wells. There is 11,893 AFA of available groundwater in Dry Lake Valley.

Owners of Record: NRS § 533.364(1)(c)

The name of each owner of record set forth in the records of the Office of the State Engineer for each decreed, certificated or permitted right is listed in Appendix B.

LIMITATIONS

NRS § 533.364(1)(a) directs the State Engineer to identify the "total amount of surface water and groundwater appropriated in accordance with a decreed, certified or permitted right." Though claims of pre-statutory vested water rights are specifically excluded from the provisions of 533.364(1)(a), they have been included in this inventory in order to make an analysis of the availability as required by NRS § 533.364(1)(b). Note that only those water rights that have been filed with the State Engineer can be considered in this inventory. It is possible that vested rights exist for which no filing has been made.

NRS § 533.364(1)(b) requires an “estimate of the amount and location of all surface water and groundwater available for appropriation in the basin.” In order to estimate the amount of surface water available, it is necessary to estimate the average annual discharge of the source.

Due to the limited nature of the data used to arrive at the discharge estimate, no guarantee can be made of the accuracy of the estimate and any application filed to appropriate any of the public waters of the State of Nevada will be evaluated as prescribed in Chapters 533 and 534 of the Nevada Revised Statutes.

NRS § 533.364(1)(c) requires that “the name of each owner of record set forth in the records of the Office of the State Engineer for each decreed, certified or permitted right in the basin” be included in the inventory. Because claims of vested water rights have been included in this report for the purposes described above, they have also been included in this component of the inventory. The owners of record listed in this report are those persons that are currently identified as such by documents filed with and confirmed by the State Engineer in accordance with NRS §§ 533.384 through 533.386.

NRS § 533.364(2)(a) states that the State Engineer is not required to quantify any claims of vested water rights within the basin. This report is not an adjudication of any water source, nor a quantification of any claim of vested water right. The values utilized in this report for claims of vested rights are in no way an acknowledgment by this office of the validity of the claim or that the water so claimed has actually been put to beneficial use. The amount of water associated with each claim of vested right is obtained from the documents filed with the State Engineer and is taken at face value.

NRS § 533.035 provides, "Beneficial use shall be the basis, the measure and the limit of the right to the use of the water." Availability of unappropriated water at a source is not the only criterion for approval or denial of an application. NRS Chapters 533 and 534 establish the criteria for approval or denial of an application before the State Engineer, including availability of water at the source. Evidence of availability of water from a specific source for a specific application before the State Engineer is required at the time of application; this inventory is limited to estimates of availability for the timeframe of the inventory.

Explanation of Column Headings and Abbreviations for Tables

APP — The application/file number of the Permit, Claim of Vested Right or Public Water Reserve.

CERT — Certificate number.

STATUS — This is the status of the water right.

CER	A certificated right.
DEC	A claim of vested right that has been adjudicated and is part of a decree.
PER	A permit that has not been certificated.
RES	A claim of public water reserve.
VST	A claim of vested right not yet adjudicated.
###	The serial number of a certificate. See "CER" above.

SOURCE — The source of water associated with the subject water right.

OSW	Other Surface Water	RES	Reservoir
SPR	Spring	STR	Stream
OGW	Other Groundwater	UG	Groundwater

MOU — Manner of use of the water right.

IRR	Irrigation	DOM	Domestic
STK	Stock	OTH	Other

POD — Point of diversion.

QQ — The quarter-quarter of the section in which the point of diversion or source is located.

Q — The quarter of the section in which the point of diversion or source is located.

S — The section in which the point of diversion or source is located.

T — The township in which the point of diversion or source is located.

R — The range in which the point of diversion or source is located.

DUTY — The amount of water appropriated by the right in acre-feet (either annually or seasonally, see “UNITS” below). In some cases, the duty is not explicit in terms of acre-feet because it is based on the number of animals or has not been determined. In such cases a conservative value of the diversion rate expanded over the period of use is used; this is the theoretical maximum that could be diverted and not necessarily the extent of the right since beneficial use is the basis, measure and the limit of the water right.

UNITS — AFS is acre-feet per season.
AFA is acre-feet annually.
CFS is cubic feet per second.

Explanation of Column Headings and Abbreviations for Tables (Cont.)

SUP	Supplemental indicates a water right is supplemental to another water right.
TCD	Some rights are limited to a total combined duty (TCD), which can be less than the sum of the individual rights comprising the entire group. To properly calculate the appropriations on a source, a TCD value is needed to represent the entire group. If there is no TCD group, then the duty of the individual right is placed in this column for calculation purposes.
UG TCD GROUP	This is the list of groundwater rights that comprise a TCD group
OWNER OF RECORD	Owner of the water right as recorded in the files of the state engineer. A water right may have more than one owner of record.

APPENDIX A - Commitment and Availability Tables

Table A1 - Dry Lake Valley Stream Supply and Availability

Stream Name	APP	Status	MOU	QQ	Q	S	T	R	Existing Active Water Rights		Estimated Average Annual Flow		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Streamflow - Existing Rights = Available	Notes
									CFS	Duty (AFA)	CFS	AFA			
BLACK CANYON WASH	14732	CER	STK	SW	NW	17	02S	66E	0.000	3.99		3.99	Proof Filing	Not Estimated	STR, Snow and flood waters
FAIRVIEW WASH	5200	CER	STK	SW	SE	26	04N	65E	0.063	44.81		44.81	Proof Filing	Not Estimated	STR
FLOOD & UNAPPROPRIATED	9618	CER	STK	NE	NW	11	03S	64E	0.01	6.78		Unknown		Not Estimated	OSW, Intermittent stream and flood waters
PORPHYRY WASH	11118	CER	STK	SE	SE	33	02S	65E	0.01	6.72		Unknown		Not Estimated	RES, Intermittent stream and flood waters
DIVIDE RESEVOIR	35696	CER	STK	SE	SW	26	05N	65E	0.01	4.91		Unknown		Not Estimated	RES, Intermittent stream and flood waters
BULLFROG RESERVOIR	35769	CER	STK	SW	NE	01	01N	64E	0.01	3.25		Unknown		Not Estimated	RES, Intermittent stream and flood waters
MIDDLE RESERVOIR	35772	CER	STK	SE	SW	19	02N	65E	0.01	3.25		Unknown		Not Estimated	RES, Intermittent stream and flood waters
GEYSER RESERVOIR	35851	CER	STK	SE	SW	12	06N	64E	0.01	4.05		Unknown		Not Estimated	RES, Intermittent stream and flood waters
BRISTONL LAKE RES N0 1	3875	CER	STK	NE	NE	03	03S	64E	0.01	7.50		Unknown		Not Estimated	RES, Intermittent stream and flood waters
BRISTOL LAKE RES # 3	3876	CER	STK	SW	SW	33	02S	64E	0.01	7.50		Unknown		Not Estimated	RES, Intermittent stream and flood waters
BRISTOL LAKE RES NO. 2	3878	CER	STK	NW	SE	32	01S	64E		7.50		Unknown		Not Estimated	RES, Intermittent stream and flood waters
BLACK CANYON RESEVOIRS	5371	CER	STK	SW	NW	24	02S	64E		10.00		Unknown		Not Estimated	RES, Intermittent stream and flood waters
DRY LAKE VALLEY TRIB NR CALIENTE, NV	None					11	04S	64E				Unknown		Not Estimated	Peak flow meas by USGS 1967-1981

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
BAILEY SPRING	V01297	VST	IRR			0.000	1.60					0.4 acres
BAILEY SPRING	R09411	RES	STK			0.002	1.09					100 CATTLE
Bailey Spring Total				38.17612	-114.72832		2.69	0.001	0.56	Average of Measurements	0.00	
BLACK ROCK SPRING	V01265	VST	STK	37.91218	-114.91862	0.050	2.24		2.24	Proof Filing	0.00	100 CATTLE
BLIND SPRING	V01250	VST	STK	38.01472	-114.63528	0.013	1.38		1.38	Proof Filing	0.00	150 CATTLE
BOB HAMILTON SPRING	12246	CER	STK	37.98639	-114.89472	0.013	5.22	0.002	1.61	PBU	0.00	2000 SHEEP FOR 181 DAYS = 1.448 MGA
BRISTOL RESERVOIR	35771	CER	STK	38.04333	-114.77389	0.005	3.25		3.23	PBU	0.00	450 CATTLE
BULLFROG SPRING	5356	CER	STK	37.96472	-114.66333	0.002	0.15		0.15	PBU	0.00	20 CATTLE
CANYON SPRING #1	4697	CER	STK	37.55444	-114.73917	0.002	1.12		1.12	PBU	0.00	50 CATTLE
CANYON SPRING #2	4696	CER	STK	37.55444	-114.73917	0.003	2.24	0.025	18.10	PBU	15.86	100 CATTLE
CHRIS SPRING	8670	CER	STK	38.42775	-114.73821	0.010	7.24		7.24	PBU	0.00	324 CATTLE
COAL SPRING	7564	CER	STK	37.93635	-114.89334	0.012	4.85	0.002	1.67	PBU	0.00	2000 SHEEP FROM 10/15 TO 5/01
CONAWAY SPRING	52103	CER	STK	37.76403	-114.91563	0.009	6.51	0.025	17.74	PBU	11.23	300 CATTLE. TCD=6.57MGA
COYOTE SPRINGS	V01268	VST	STK	38.03196	-114.86226	0.013	9.21	0.002	1.77	Various Measurements	0.00	1000 CATTLE
DAD'S SPRING	36183	CER	STK	38.27556	-114.66028	0.002	1.35		1.35	PBU	0.00	60 CATTLE
DANA SPRING	52106	CER	STK	37.66306	-114.70194	0.002	1.44	0.002	1.61	PBU	0.17	100 CATTLE.TCD=6.57MGA
DEAD MAN SPRING	V01267	VST	STK			0.100	6.72	0.001	1.13	Measurement	0.00	300 CATTLE
DEAD MAN SPRING	11033	CER	STK				2.24				0.00	75 CATTLE AND 25 HORSES

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
Dead Man Spring Total				37.93284	-114.91409		8.96		1.13	Measurement	0.00	
ELY SPRINGS	V04697	VST	STK			0.050	12.31					550 CATTLE.
ELY SPRINGS	V06519	VST	STK			0.050	0.00					550 CATTLE.
Ely SpringS Total				37.90941	-114.66945		12.31		12.31	Sum of Permits	0.00	
FAIRVIEW SPR'S	V03839	VST	STK	38.05750	-114.73667	0.004	2.03					300 CATTLE, 20 HORSES
FAIRVIEW SPR'S	V03840	VST	STK	38.08611	-114.73611	0.004	2.03					300 CATTLE, 20 HORSES
Fairview Spring Total							4.05		4.05	Sum of Permits	0.00	
FOX CABIN SPRING	35768	CER	STK	38.16274	-114.64972	0.005	3.25		3.23	PBU	0.00	450 CATTLE
GEORGE ROGERS SPRING	6619	CER	STK			0.015	10.74	0.025	18.10	PBU		2400 SHEEP
GEORGE ROGERS SPRING	V01787	VST	STK			0.025	6.72					1500 SHEEP/6MONTHS
George Rogers Spring Total				37.72969	-114.60028		17.46	0.025	18.10	Permit 6619PBU	0.64	
GRASS PATCH SPRING	35844	CER	STK	38.30385	-114.66611	0.002	1.35		1.35	PBU	0.00	60 CATTLE
HATCH SPRING	51776	CER	STK	37.92750	-114.67250	0.006	0.92		0.92	PBU	0.00	200 HEAD OF CATTLE.
HORN SILVER SPRING	V01300	VST	STK	38.16024	-114.69722	0.013	4.48		4.48	Proof Filing	0.00	25 TO 200 HEAD OF CATTLE AND SEVERAL BANDS OF SHEEP.
HORSE SPRING	V01290	VST	STK	38.30662	-114.67778	0.100	4.48	0.017	12.10	Measurement	7.62	200 cattle, several thousand sheep, aka Horse Corral Spring
INDIAN SPRING	35954	CER	STK			0.004	3.22					450 CATTLE
INDIAN SPRING	V01287	VST	STK			0.013	5.62					25-250 HEAD OF RANGE CATTLE
Indian Spring Total				38.20718	-114.68083		8.84		8.84	Sum of Permits	0.00	
IRON TANK SPRING	4961	CER	STK	37.93500	-114.65389	0.003	2.18					50 TO 100 CATTLE

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
IRON TANK SPRING	10120	CER	STK	37.93500	-114.65389	0.015	5.22					2000 SHEEP
Iron Tank Spring Total				37.93718	-114.65056	0.02	7.40		7.40	Sum of Permits	0.00	
KLONDYKE SPRING	V01459	VST	STK	37.72496	-114.60250	0.125	3.38		3.38	Proof Filing	0.00	1500 HEAD OF SHEEP FROM MAY TO OCT
LITTLEFIELD SPRING	R09410	RES	STK			0.002	1.09					100 CATTLE
LITTLEFIELD/GARDEN PATC	35775	CER	STK			0.014	10.08					450 Cattle
GARDEN PATCH SPRING	V01296	VST	IRR			0.000	12.00					3 acres
Littlefield/Garden Patch Total				38.23107	-114.70139		23.17	0.047	33.90	Average of Measurements	10.73	
LOCUST	7563	CER	STK	37.93472	-114.89472	0.006	2.61	0.001	0.90	PBU	0.00	POD map indicates this is same site as Hamilton Spring. 1000 SHEEP FROM 10/01 TO 5/01 EACH YEAR
LOWER FAIRVIEW SPRING	3368	CER	IRR	38.17524	-114.65500	0.030	11.00	0.005	3.62	PBU	0.00	3 acres
MELOY SPRING	V01295	VST	IRR	38.25135	-114.70500	0.250	60.00		92.00	Average of Measurements	32.00	15.32 aces
MIDDLE FAIRVIEW SPR #1	35766	CER	STK	38.17333	-114.65056	0.014	10.10		10.10	PBU	0.00	450 CATTLE
MIDDLE FAIRVIEW SPR #2	35767	CER	STK	38.18056	-114.66000	0.007	4.85		4.85	PBU	0.00	450 CATTLE
MUD SPRINGS	36179	CER	STK			0.008	5.80				0.00	450 CATTLE
MUD SPRINGS	V01301	VST	STK			0.038	3.38				0.00	450 CATTLE
Mud Springs Total				38.30051	-114.83220	0.046	9.176	0.003	2.05	Average of Measurements	0.00	
MULE SPRING	V02351	VST	STK	37.59806	-114.66583	0.017	1.35		1.35	Proof Filing	0.00	
MUSTANG SPRING	12793	CER	STK	37.73577	-114.92140	0.009	2.79		2.79	PBU	0.00	300 HEAD OF CATTLE FOR 151 DAYS PERIOD OF USE IS 10/01 TO 03/
NELSON WELL SPRING	V02350	VST	STK	37.61552	-114.69389	0.017	1.14		1.14	Proof Filing	0.00	

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
NO. FAIRVIEW SPR #1	35952	CER	STK	38.20250	-114.68833	0.004	3.22		3.22	PBU	0.00	450 CATTLE
NO. FAIRVIEW SPRING #2	35951	CER	STK	38.21722	-114.68833	0.004	3.22		3.22	PBU	0.00	450 CATTLE
NORTH CHERRY SPRING	V01288	VST	STK	38.28944	-114.68861	0.013	9.41		9.41	Proof Filing	0.00	25 TO 250 HEAD OF CATTLE AND SEVERAL THOUSAND SHEEP.
NORTH MUD SPRING	V01294	VST	STK	38.30021	-114.68141	0.075	4.48		2.10	Measurements	0.00	26 TO 250 HEAD OF CATTLE AND SEVERAL THOUSAND SHEEP.
OAK SPRING	52107	CER	STK	37.60554	-114.71024	0.002	1.44		1.44	PBU	0.00	65 CATTLE. TCD=6.57MGA
OAK SPRING & OTHERS	V01027	VST	STK	38.20972	-114.69750	0.011	7.95		7.95	Proof Filing	0.00	500 CATTLE
PINE SPRING	12511	CER	STK	37.72913	-114.92918	0.003	1.87		1.87	PBU	0.00	100 CATTLE
PORPHYRY SPRINGS	9660	CER	STK	37.71913	-114.68639	0.001	0.68	0.001	0.81	PBU	0.13	500 SHEEP 10 CATTLE 4 HORSES FROM 9/01 TO 6/1 OR 273 DAYS
RABBIT SPRING	52104	CER	STK	37.67635	-114.70472	0.001	0.46		0.48	Measurement	0.02	20 CATTLE. TCD=6.57MGA
ROCK CORRAL SPRING	12247	CER	STK	37.99361	-114.88556	0.013	4.48	0.001	1.61	PBU	0.00	2000 HEAD OF RANGE SHEEP
ROCK SPRING	12840	CER	STK	37.74472	-114.91028	0.002	1.63		1.63	Proof Filing	0.00	100 CATTLE
RYE GRASS SPRING	12512	CER	STK	37.73107	-114.89390	0.003	1.50		1.50	PBU	0.00	100 CATTLE
SCOTTY SPRING	V01302	VST	STK	38.16468	-114.68333	0.125	4.48		4.48	Proof Filing	0.00	
CLIFF SPRINGS	52105	CER	STK	37.67204	-114.70468	0.003	2.18	0.001	0.81	Measurement	0.00	900 CATTLE. TCD=6.57MGA
Rattlesnake Spring	780	CER	STK	37.82605	-114.93031	0	4.36	0.006	4.36	Measurement	0.00	
Wheatgrass Spring	780	CER	STK	37.76151	-114.91188	0	0.48	0.001	0.48	Measurement	0.00	
CYCLONE SPRING	52108	CER	STK	37.57108	-114.73028	0.013	9.42	0.013	9.42	PBU	0.00	900 CATTLE. TCD=6.57MGA
REDROCK SPRING	52109	CER	STK	37.56496	-114.75167	0.009	6.51	0.009	6.45	PBU	0.00	900 CATTLE.TCD=6.57MGA
SIMPSON SPRING NO. 1	V01134	VST	STK	37.99271	-114.62614	0.025	3.93		3.93	Proof Filing	0.00	300 CATTLE FOR 210 DAYS

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
SIMPSON SPRING NO. 2	V01135	VST	STK	37.99098	-114.62792	0.033	2.79		2.79	Proof Filing	0.00	300 CATTLE
SOUTH CHERRY SPRING	V01289	VST	STK	38.23222	-114.66944	0.013	5.62		5.62	Proof Filing	0.00	25-250 HEAD OF RANGE CATTLE AND SEVERAL THOUSAND SHEEP
SPRING #1	36180	CER	STK	38.17333	-114.65056	0.007	4.85		4.85	PBU	0.00	450 CATTLE
STONEWALL SPRING	7117	CER	STK	38.03246	-114.86668	0.002	1.57	0.002	1.57	PBU	0.00	50 CATTLE 20 HORSES
TEX SPRING	6803	CER	STK			0.002	1.60	0.002	1.60	PBU		2000 SHEEP
TEX SPRING	10119	CER	STK			0.015	5.22					3000 SHEEP 211 DAYS AND 100 CATTLE 154 DAYS
Tex Spring Total				37.92826	-114.67746		6.81		1.60	Permit 6803 PBU	0.00	
TRIBOLATA SPRING	35843	CER	STK	38.29829	-114.66889	0.002	1.17		1.17	PBU	0.00	60 CATTLE
UNNAMED SPRING	V01299	VST	STK	38.17278	-114.71639	0.013	4.48		4.48	Proof Filing	0.00	
UPPER FAIRVIEW SPRING 2	35762	CER	STK	38.18778	-114.66944	0.005	3.25		3.25	PBU	0.00	450 CATTLE
UPPER FAIRVIEW SPRING 3	35763	CER	STK	38.18778	-114.66944	0.005	3.25		3.25	PBU	0.00	450 CATTLE
UPPER FAIRVIEW SPRING#1	35761	CER	STK	38.18056	-114.66000	0.005	3.25		3.25	PBU	0.00	450 CATTLE
UPPER FAIRVIEW SPRING#4	35764	CER	STK	38.19528	-114.66944	0.005	3.25		3.25	PBU	0.00	450 CATTLE
WEST OAK SPRING	10747	CER	STK	37.60469	-114.71695	0.010	7.18	0.016	11.29	PBU	4.11	300 HEAD OF CATTLE & 50 HORSE.
WEST SIDE SPRING	6094	CER	STK	37.73913	-114.91112	0.009	6.51	0.004	3.23	PBU	0.00	300 cattle
JENSEN SPRING	R04778	RES	OTH	37.44361	-114.72278	0.00	1.29		1.29	Proof Filing	0.00	95 CATTLE, HUMANS
NELSON SPRING	R05989	RES	OTH	37.61552	-114.69389	0.00	0.20		0.20	Proof Filing	0.00	10 CATTLE
South Mud Spring				38.29426	-114.68658	0	0	0.001	0.50	Measurement	0.50	
Tyler Spring				37.58910	-114.72817	0	0					

Table A2 - Dry Lake Valley Spring Supply and Availability

Spring Name	APP	Status	MOU	Latitude	Longitude	Existing Active Water Rights		Estimated Average Annual Discharge		Estimation Method	Estimated Amount of Water Available (AFA): Estimated Discharge - Existing Rights = Available	Notes
				NAD 83	NAD 83	CFS	Duty (AFA)	CFS	AFA			
Unnamed				38.29740	-114.67757	0	0					
Robison Spring				38.21271	-114.70647	0	0					
Unnamed				38.41998	-114.76928	0	0					
Fence Spring				38.17992	-114.71589	0	0					
Unnamed				38.37909	-114.79882	0	0					
Unnamed				38.42013	-114.77773	0	0					
Unnamed				38.42703	-114.76325	0	0					
Seven Oaks Spring				37.59211	-114.75893	0	0					
Cactus Spring				38.20477	-114.69509	0	0					
Unnamed				38.42158	-114.77583	0	0					
Unnamed				38.42043	-114.77660	0	0					
Unnamed				37.98447	-114.61243	0	0					
Unnamed				38.41933	-114.77075	0	0					
Steward Spring				38.35959	-114.68672	0	0					
Peers Spring				38.15417	-114.66887	0	0					

Table A3 - Dry Lake Valley Groundwater Committments

APP	Status	Source	QQ	Q	S	T	R	MOU	SUP	Div Rate (CFS)	Duty	Units
18756	5059	UG	NE	NW	24	01N	64E	STK		0.02	10.83	AFA
35770	10869	UG	SW	NE	04	02N	64E	STK		0.00	3.19	AFA
35773	10870	UG	SE	NW	20	03N	64E	STK		0.00	3.19	AFA
35774	10871	UG	NW	SE	21	03N	65E	STK		0.00	3.19	AFA
5936	854	UG	SE	NW	14	05N	64E	STK		0.03	18.08	AFA
6718	1629	UG	SW	SW	32	01N	66E	MM		0.03	18.08	AFA
77722	PER	UG	SW	SE	05	01S	65E	IRR	Y	1.50	504.50	AFA
77723	PER	UG		LT1	05	01S	65E	IRR	Y	1.50	504.50	AFA
Total Duty											1065.56	

APPENDIX B

Owners of Record

APP	Owner of Record	STATUS	CER	SOURCE	MOU	SUP
780	CORP PRESIDING BISHOP CHURCH JC LDS,RUNNIN C RANCH FAMILY PARTNERSHIP	CER	566X	SPR	STK	
3368	CYPHERS, ROBERT M.	CER	1980	SPR	IRR	
3875	CORP PRESIDING BISHOP CHURCH JC LDS	CER	724	RES	STK	
3876	CORP PRESIDING BISHOP CHURCH JC LDS	CER	725	RES	STK	
3878	CORP PRESIDING BISHOP CHURCH JC LDS	CER	726	RES	STK	
4696	CORP PRESIDING BISHOP CHURCH JC LDS 50% UDI,CULVERWELL, WILLIAM 25% UDI,THOMPSON, RAYMOND 25% UDI	CER	732	SPR	STK	
4697	CORP OF THE PRES. BISHOP OF THE CHURCH OF JC LDS 50% UDI,CULVERWELL, WILLIAM 25% UDI,THOMPSON, RAYMOND 25% UDI	CER	733	SPR	STK	
4961	HIGHBEE, FLORENCE S.,HIGHBEE, MYRON F.,HIRSCHI, GLENWOOD,HIRSCHI, LANETTA,SEEGMILLER, ADAM,SEEGMILLER, RUTH	CER	525	SPR	STK	
5200	WEST SIDE CATTLE COMPANY	CER	1924	STR	STK	
5356	GOODMAN, R.F.	CER	526	SPR	STK	
5371	VIDLER WATER COMPANY	CER	1119	RES	STK	
5936	ADAMS-MCGILL COMPANY	CER	854	UG	STK	
6094	CORP PRESIDING BISHOP CHURCH JC LDS	CER	1053	SPR	STK	
6619	WILLIAMS, ALEX WARREN,WILLIAMS, THOMAS LARRY	CER	835	SPR	STK	
6718	COMET MINES CO.	CER	1629	UG	MM	
6803	FEDERAL LAND BANK OF BERKELEY,HIGHBEE, FLORENCE,HIGHBEE, MYRON,SEEGMILLER, ADAM,SEEGMILLER, RUTH	CER	971	SPR	STK	
7117	ROBISON BROTHERS	CER	1466	SPR	STK	
7563	CLARK, DOUGLAS,PACE, CORA M.	CER	2209	SPR	STK	
7564	CLARK, DOUGLAS,PACE, CORA M.	CER	2210	SPR	STK	
8670	GEYSER RANCH, LLC	CER	8146	SPR	STK	
8698	VIDLER WATER COMPANY,WHIPPLE, RAYMOND LAIRD	CER	5705	SPR	STK	
9618	CORP PRESIDING BISHOP CHURCH JC LDS	CER	2107	OSW	STK	
9660	VIDLER WATER COMPANY,VIDLER WATER COMPANY	CER	2293	SPR	STK	
10119	VIDLER WATER COMPANY	CER	2355	SPR	STK	
10120	VIDLER WATER COMPANY	CER	2356	SPR	STK	
10747	CORP PRESIDING BISHOP CHURCH JC LDS	CER	2805	SPR	STK	
11033	BLEAK, JUANITA W. & WHELLER, CASEY L	CER	3063	SPR	STK	
11118	VIDLER WATER COMPANY	CER	2826	RES	STK	
12246	THORLEY, FRANK	CER	3583	SPR	STK	
12247	THORLEY, FRANK	CER	3584	SPR	STK	
12511	HIGBEE, E. EDWIN, KRISTINE H.	CER	4390	SPR	STK	
12512	HIGBEE, E. EDWIN AND KRISTINE H.	CER	4391	SPR	STK	
12793	HIGBEE, E. EDWIN AND KRISTINE H.	CER	4501	SPR	STK	
12840	HIGBEE, E. EDWIN AND KRISTINE H.	CER	4502	SPR	STK	

APP	Owner of Record	STATUS	CER	SOURCE	MOU	SUP
14732	JONES, H. WENDELL,JONES, LEHI M.,JONES, WM.L.	CER	4712	STR	STK	
18756	DELMUE, ALBERT,HOLLINGER, SAMUEL A.,LYTLE, ROY E.,PARKS DIVISION-NEVADA	CER	5059	UG	STK	
35696	GEYSER RANCH, LLC	CER	10175	RES	STK	
35761	GEYSER RANCH, LLC	CER	10204	SPR	STK	
35762	GEYSER RANCH, LLC	CER	10205	SPR	STK	
35763	GEYSER RANCH, LLC	CER	10206	SPR	STK	
35764	GEYSER RANCH, LLC	CER	10207	SPR	STK	
35766	GEYSER RANCH, LLC	CER	10208	SPR	STK	
35767	GEYSER RANCH, LLC	CER	10209	SPR	STK	
35768	GEYSER RANCH, LLC	CER	10210	SPR	STK	
35769	GEYSER RANCH, LLC	CER	10186	RES	STK	
35770	GEYSER RANCH, LLC	CER	10869	UG	STK	
35771	GEYSER RANCH, LLC	CER	10211	SPR	STK	
35772	GEYSER RANCH, LLC	CER	10187	RES	STK	
35773	GEYSER RANCH, LLC	CER	10870	UG	STK	
35774	GEYSER RANCH, LLC	CER	10871	UG	STK	
35775	GEYSER RANCH, LLC	CER	10212	SPR	STK	
35843	STEWARD, ROBERT	CER	10288	SPR	STK	
35844	STEWARD, ROBERT	CER	10289	SPR	STK	
35851	GEYSER RANCH, LLC	CER	10215	RES	STK	
35951	GEYSER RANCH, LLC	CER	10217	SPR	STK	
35952	GEYSER RANCH, LLC	CER	10218	SPR	STK	
35954	GEYSER RANCH, LLC	CER	10220	SPR	STK	
36179	GEYSER RANCH, LLC	CER	10222	SPR	STK	
36180	GEYSER RANCH, LLC	CER	10223	SPR	STK	
36183	STEWARD, ROBERT	CER	10295	SPR	STK	
51776	HATCH, ROGER	CER	13590	SPR	STK	
52103	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13775	SPR	STK	
52104	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13776	SPR	STK	
52105	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13777	SPR	STK	
52106	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13778	SPR	STK	
52107	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13779	SPR	STK	
52108	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13780	SPR	STK	
52109	CORP PRESIDING BISHOP CHURCH JC LDS	CER	13781	SPR	STK	
77722	LINCOLN COUNTY WATER DISTRICT,VIDLER WATER COMPANY INC	PER		UG	IRR	Y
77723	LINCOLN COUNTY WATER DISTRICT,VIDLER WATER COMPANY INC	PER		UG	IRR	Y
R04778	BLM	RES		SPR	OTH	
R05989	BLM	RES		SPR	OTH	
R09410	BLM	RES		SPR	STK	
R09411	BLM	RES		SPR	STK	
V01027	CORP PRESIDING BISHOP CHURCH JC LDS,TENNILLE, GEORGE	VST		SPR	STK	
V01134	LYTTLE , EDWIN	VST		SPR	STK	
V01135	LYTTLE, EDWIN	VST		SPR	STK	

APP	Owner of Record	STATUS	CER	SOURCE	MOU	SUP
V01250	DELMUE, JOSEPH,LYTLE, EDWIN	VST		SPR	STK	
V01265	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01267	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01268	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01287	GEYSER RANCH LIMITED PARTNERSHIP	VST		SPR	STK	
V01288	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01289	GEYSER RANCH, LLC	VST		SPR	STK	
V01290	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01294	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01295	LLOYD, ARTHUR M. & LYNN LYTLE	VST		SPR	IRR	
V01296	GEYSER RANCH LIMITED PARTNERSHIP	VST		SPR	IRR	
V01297	GEYSER RANCH LIMITED PARTNERSHIP	VST		SPR	IRR	
V01299	GEYSER RANCH, LLC	VST		SPR	STK	
V01300	GEYSER RANCH, LLC	VST		SPR	STK	
V01301	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01302	ADAMS-MCGILL COMPANY	VST		SPR	STK	
V01459	WILLIAMS, ALEX WARREN,WILLIAMS, THOMAS LARRY	VST		SPR	STK	
V01787	MACKIE, ALEX J.	VST		SPR	STK	
V02350	CORP PRESIDING BISHOP CHURCH JC LDS	VST		SPR	STK	
V02351	CULVERWELL, CHAS.	VST		SPR	STK	
V03839	IMPERIAL FARMS LAND AND CATTLE CO.	VST		SPR	STK	
V03840	IMPERIAL FARMS LAND AND CATTLE CO.	VST		SPR	STK	
V04697	HATCH, ROGER	VST		SPR	STK	
V06519	VIDLER WATER COMAPNY	VST		SPR	STK	

APPENDIX C

List of Available Flow Measurements

Station	Data Source	Measure Date	Rating Code	Latitude NAD83	Longitude NAD83	Discharge (gpm)	Discharge (cfs)	Notes
BAILEY SPRING	NDWR	05/17/11	Fair	-114.72830	38.17600	0.3	0.001	Muddy trampled spring at log cabin at base of limestone hill. Measured 1 of 2 discharge areas, second site discharge is miniscule.
Bailey Spring	USGS	10/18/12	Unknown			3.0	0.010	--
Bailey Spring	USGS	05/01/80	Unknown			2.0	0.000	Reported as 2-3 gpm
Bailey Spring	SNWA	06/03/04	Excellent			0.4	0.001	Flume installed 30' below two orifice.
BIG MUD SPRING	NDWR	05/17/11	Poor	-114.83513	38.30040	1.7	0.004	Spring issues from limestone high in the mountains. Entire discharge captured in 1 inch poly pipe and diverted to water tank 900 ft to south. Measured water tank overflow with pail. Estimate measured 75% of overflow
Big Mud Springs	SNWA	05/08/08	Good			2.5	0.006	Flow measured at storage tank 0.25 miles downstream of orifice. Samples taken at orifice
Big Mud Springs	SNWA	05/10/10	Excellent			0.9	0.002	Measured 4 ft. downstream of the fence. WQ was taken at the spring pool. Flow does not reach the storage tanks, valves are most likely shut off.
Big Mud Springs	SNWA	11/08/10	Excellent			0.0	0.000	No visible water at springhead. Took photos for DDC Stipulation.
BULLFROG SPRING	NDWR	05/18/11	Good	-114.65765	37.96247	0.0	0.000	No surface discharge. This location only place near permit POD with any greenery. Lots of thick brush indicate shallow gw, wash constricted by bedrock, forcing subsurface flow toward surface.
CHRIS SPRING	NDWR	05/17/11	Fair	-114.73821	38.42775	5.4	0.012	Water flows over 50 ft cliff of welded rhy tuff, picks up aditional flow at base of outcrop, and infiltrates within 300 ft. This meas includes stream/upper Chris spr and lower Chris Spr.
CLIFF SPRINGS	NDWR	05/18/11	Good	-114.70468	37.67204	0.5	0.001	Water piped to nearby water tank. Measured flow from Cliff springs 2 discharge sites at nearby water tank.
COAL SPRING	NDWR	05/17/11	Good	-114.89313	37.93550	0.2	0.000	Spring in limestone fault breccia at small excavation/adit. Water captured and placed in 1 1/2 inch pipe to 8 ft diam stock tank. Measured at tank.
CONAWAY SPRING	NDWR	05/18/11	Poor	-114.91563	37.76403	0.3	0.001	Excavated site in wash in volcanics, 10 ft diam pool, 0.25 acre grassy area, water piped to water tank but dissappears. Leaky or no flow.
Coyote Spring	USGS	10/18/12	Unknown			5.0	0.010	--
Coyote Spring	USGS	08/01/79	Unknown			1.0	0.002	--
Coyote Spring	SNWA	06/03/04	Good			0.1	0.000	Discharge is 0.113 gpm. Volumetric measurement.
Coyote Spring	SNWA	06/21/04	Unknown			0.0	0.000	--
Coyote Spring	SNWA	07/14/05	Good			0.5	0.001	Spring is low but not dry. It is too low to fill PVC pipe in spring area that is surrounded by trees.
Coyote Spring	SNWA	05/10/10	Excellent			1.2	0.003	WQ taken up at the spring head.
Coyote Spring	SNWA	11/08/10	Fair			0.4	0.001	Pictures taken for DDC Stipulation.
COYOTE SPRINGS	NDWR	05/17/11	Good	-114.86226	38.03196	0.6	0.001	Measured 2" pipe where it flows into concrete pool.
DANA SPRING	NDWR	05/18/11	Poor	-114.70506	37.66550	0.8	0.002	Spring isues from base of welded tuff cliff. Developed with 4 ft culvert 12 ft deep. Piped to tank 1/2 mile SW. Meas 0.8 gpm at tank, but actual spring flow is less than meas due to recently unplugged head tank.
DEADMAN SPRING	NDWR	05/17/11	Good	-114.91409	37.93284	0.7	0.001	Much disturbed mounded area in volc welded tuffs, limestone crops on ridge 1/2 mi to west. Discharge sites scattered around 150' X 150" area. Significant infiltration est at 2 afa

Station	Data Source	Measure Date	Rating Code	Latitude NAD83	Longitude NAD83	Discharge (gpm)	Discharge (cfs)	Notes
HAMILTON SPRING	NDWR	05/17/11	Poor	-114.88770	37.93636	0.6	0.001	Almost certainly Locust Spring. Old homestead and rock corrals. Large cottonwood tree, smaller trees and bushes, rabbitbrush over a few acres. At base of felsic tuffs.
Horse Corral Spring	USGS	05/15/80	Unknown			7.5	0.017	--
LITTLEFIELD SPRING	NDWR	05/17/11	Good	-114.70225	38.23123	20.6	0.046	Measured 50 ft east of main dirt road. Spring issues from volcanics in low hills.
Littlefield Spring	USGS	05/01/80	Unknown			10.0	0.020	--
Littlefield Spring	USGS	05/15/80	Unknown			10.0	0.022	--
Littlefield Spring	SNWA	06/03/04	Excellent			11.7	0.026	--
Littlefield Spring	SNWA	07/25/05	Excellent			59.7	0.130	Measured at road.
Littlefield Spring	SNWA	09/30/09	Excellent			17.9	0.040	WQ obtained at springhead. Water temperature 17.8 C at flume measurement location.
Littlefield Spring	SNWA	05/10/10	Excellent			18.0	0.040	Measured east of the road crossing. WQ was taken at the spring head.
Littlefield Spring	SNWA	11/08/10	Good			20.6	0.046	Took photos for DDC Stipulation.
Meloy Spring	SNWA	07/13/97	Poor			44.9	0.100	Spring orifice is overgrown with rosehips, cannot get to orifice. Flow estimated at 0.1 cfs. Channel is 2 ft wide by 0.1 ft deep.
MUSTANG SPRING	NDWR	05/18/11	Poor	-114.92140	37.73577	0.8	0.002	Developed with 4 ft diam culvert 12 ft deep at the end of 300 ft long trench. Water piped out to 10 X 3 ft water trough (and beyond?) equipped with float valve, so can't get actual Q.
NORTH MUD SPRING	NDWR	05/17/11	Poor	-114.68137	38.30049	0.6	0.001	Fenced in area with 10 ft stagnant pool, grasses and thorny bushes 0.5 - 1 acres, not very wet. Est 1 afa ET
North Mud Spring	USGS	05/15/80	Unknown			2.0	0.004	--
Porphyry Spring	SNWA	05/08/08	Excellent			0.0	0.000	Spring area on map is dry. Abandoned diversion works, no sign of spring orifice.
RABBIT SPRING	NDWR	05/18/11	Good	-114.70396	37.67649	0.3	0.001	Meas at 2 inch outlet pipe in brush about 100 ft from spring.
RATTLESNAKE SPRING	NDWR	05/18/11	Good	-114.93031	37.82605	2.7	0.006	Water flows into slotted 4 ft culvert set upright 3 ft deep. Measured 12 small inflows, est meas 80 - 90% of total, 3 gpm total est. Source is limestone oc.
SIMPSON SPRING NO. 1	NDWR	05/18/11	Good	-114.62614	37.99271	0.0		Developed spring, dug out 10 ft bgs, buried 2 inch black poly pipe runs down wash. No observed flow. 5' X 10' stagnant pool in wash bottom.
SIMPSON SPRING NO. 2	NDWR	05/18/11	Good	-114.62792	37.99098	0.0		Scattered bushes and one large elm tree. 2 1/2 inch metal pipe discharges a miniscule flow to a 5' diam pool. No outflow.
SOUTH MUD SPRING	NDWR	05/17/11	Fair	-114.68658	38.29426	0.3	0.001	Spring discharges from base of welded tuff outcrop along fault. Fenced off ~ 1 acre site with 3 small seeps. Measured largest at south end. No permit at this location or by this name, but could be V01288 - N Cherry Sp
Spring (Report R16) (Meloy)	USGS	03/01/63	Unknown			20.0	0.045	--
Unnamed near Black Rock Spring	NDWR	05/17/11	Fair	-114.91859	37.91692	0.3	0.001	Spring issues from cut in non-welded tuff and flows to 50 ft diam pond
WHEATGRASS SPRING	NDWR	05/18/11	Poor	-114.91188	37.76151	0.3	0.001	100 ft across grassy area, damp soil, no flow
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	7/31/1967	Unknown			156		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	November 1967	Unknown			120		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	10/14/1968	Unknown			2		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	August 1970	Unknown			1		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	August 1971	Unknown			0.6		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	9/19/1972	Unknown			4		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1973	Unknown			0		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	September 1974	Unknown			110		

Station	*Data Source*	*Measure Date*	*Rating Code*	*Latitude NAD83*	*Longitude NAD83*	*Discharge (gpm)*	*Discharge (cfs)*	*Notes*
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	9/10/1975	Unknown			15		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	July 1976	Unknown			150		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1977	Unknown			0		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1978	Unknown			0		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1979	Unknown			0		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1980	Unknown			0		
DRY LAKE VALLEY TRIB NR CALIENTE, NV	USGS	1981	Unknown			0		